

## Appendix E. Output Power Measurement

### <GSM Conducted Power>

#### [GSM850\_Full Power]

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.37	32.27	32.04	33.50	23.37	23.27	23.04	24.50
GPRS 1 Tx slot	32.40	32.34	32.05	33.50	23.40	23.34	23.05	24.50
GPRS 2 Tx slots	30.35	30.37	30.24	31.50	24.35	24.37	24.24	25.50
GPRS 3 Tx slots	28.62	28.61	28.54	29.50	24.36	24.35	24.28	25.24
GPRS 4 Tx slots	26.62	26.58	26.45	27.50	23.62	23.58	23.45	24.50

#### [GSM850\_Receiver on]

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.37	32.27	32.04	33.50	23.37	23.27	23.04	24.50
GPRS 1 Tx slot	32.40	32.34	32.05	33.50	23.40	23.34	23.05	24.50
GPRS 2 Tx slots	30.35	30.37	30.24	31.50	24.35	24.37	24.24	25.50
GPRS 3 Tx slots	28.62	28.61	28.54	29.50	24.36	24.35	24.28	25.24
GPRS 4 Tx slots	26.62	26.58	26.45	27.50	23.62	23.58	23.45	24.50

#### [GSM850\_Receiver off]

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.37	32.27	32.04	33.50	23.37	23.27	23.04	24.50
GPRS 1 Tx slot	32.40	32.34	32.05	33.50	23.40	23.34	23.05	24.50
GPRS 2 Tx slots	30.35	30.37	30.24	31.50	24.35	24.37	24.24	25.50
GPRS 3 Tx slots	28.62	28.61	28.54	29.50	24.36	24.35	24.28	25.24
GPRS 4 Tx slots	26.62	26.58	26.45	27.50	23.62	23.58	23.45	24.50

#### [GSM1900\_Full Power]

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.17	28.45	28.52	29.50	19.17	19.45	19.52	20.50
GPRS 1 Tx slot	28.23	28.48	28.60	29.50	19.23	19.48	19.60	20.50
GPRS 2 Tx slots	26.22	26.17	26.35	27.50	20.22	20.17	20.35	21.50
GPRS 3 Tx slots	24.75	24.84	24.82	26.00	20.49	20.58	20.56	21.74
GPRS 4 Tx slots	22.71	22.57	22.74	23.50	19.71	19.57	19.74	20.50

#### [GSM1900\_Receiver on]

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.17	28.45	28.52	29.50	19.17	19.45	19.52	20.50
GPRS 1 Tx slot	28.23	28.48	28.60	29.50	19.23	19.48	19.60	20.50
GPRS 2 Tx slots	26.22	26.17	26.35	27.50	20.22	20.17	20.35	21.50
GPRS 3 Tx slots	24.75	24.84	24.82	26.00	20.49	20.58	20.56	21.74
GPRS 4 Tx slots	22.71	22.57	22.74	23.50	19.71	19.57	19.74	20.50

#### [GSM1900\_Receiver off]

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.17	28.45	28.52	29.50	19.17	19.45	19.52	20.50
GPRS 1 Tx slot	28.23	28.48	28.60	29.50	19.23	19.48	19.60	20.50

GPRS 2 Tx slots	26.22	26.17	26.35	27.50	20.22	20.17	20.35	21.50
GPRS 3 Tx slots	24.75	24.84	24.82	26.00	20.49	20.58	20.56	21.74
GPRS 4 Tx slots	22.71	22.57	22.74	23.50	19.71	19.57	19.74	20.50

### <WCDMA Conducted Power>

#### 【WCDMA II\_Full Power】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.07	22.24	22.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.12	22.22	22.21	24.00
3GPP Rel 6	HSDPA Subtest-1	21.21	21.31	21.25	23.00
3GPP Rel 6	HSDPA Subtest-2	21.12	21.25	21.14	23.00
3GPP Rel 6	HSDPA Subtest-3	20.73	20.77	20.67	22.50
3GPP Rel 6	HSDPA Subtest-4	20.62	20.73	20.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.13	21.27	21.21	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.07	21.13	21.15	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.53	20.70	20.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.52	20.66	20.58	22.50
3GPP Rel 6	HSUPA Subtest-1	21.03	21.19	21.09	23.00
3GPP Rel 6	HSUPA Subtest-2	19.21	19.30	19.15	21.00
3GPP Rel 6	HSUPA Subtest-3	20.21	20.34	20.30	22.00
3GPP Rel 6	HSUPA Subtest-4	19.17	19.20	19.16	21.00
3GPP Rel 6	HSUPA Subtest-5	21.05	21.26	21.08	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.76	18.80	18.77	20.50

#### 【WCDMA II\_Receiver on】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.07	22.24	22.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.12	22.22	22.21	24.00
3GPP Rel 6	HSDPA Subtest-1	21.21	21.31	21.25	23.00
3GPP Rel 6	HSDPA Subtest-2	21.12	21.25	21.14	23.00
3GPP Rel 6	HSDPA Subtest-3	20.73	20.77	20.67	22.50
3GPP Rel 6	HSDPA Subtest-4	20.62	20.73	20.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.13	21.27	21.21	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.07	21.13	21.15	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.53	20.70	20.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.52	20.66	20.58	22.50
3GPP Rel 6	HSUPA Subtest-1	21.03	21.19	21.09	23.00
3GPP Rel 6	HSUPA Subtest-2	19.21	19.30	19.15	21.00
3GPP Rel 6	HSUPA Subtest-3	20.21	20.34	20.30	22.00
3GPP Rel 6	HSUPA Subtest-4	19.17	19.20	19.16	21.00
3GPP Rel 6	HSUPA Subtest-5	21.05	21.26	21.08	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.76	18.80	18.77	20.50

#### 【WCDMA II\_Receiver off】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.04	19.27	19.14	21.00
3GPP Rel 99	RMC 12.2Kbps	19.16	19.25	19.17	21.00
3GPP Rel 6	HSDPA Subtest-1	18.22	18.29	18.26	20.00
3GPP Rel 6	HSDPA Subtest-2	18.11	18.23	18.11	20.00
3GPP Rel 6	HSDPA Subtest-3	17.72	17.76	17.67	19.50
3GPP Rel 6	HSDPA Subtest-4	17.63	17.77	17.65	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.14	18.28	18.22	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.05	18.14	18.19	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.57	17.71	17.58	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.52	17.62	17.55	19.50
3GPP Rel 6	HSUPA Subtest-1	18.02	18.20	18.06	20.00
3GPP Rel 6	HSUPA Subtest-2	16.18	16.30	16.13	18.00
3GPP Rel 6	HSUPA Subtest-3	17.25	17.37	17.28	19.00
3GPP Rel 6	HSUPA Subtest-4	16.19	16.21	16.18	18.00

3GPP Rel 6	HSUPA Subtest-5	18.07	18.28	18.07	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.75	15.83	15.75	17.50

**【WCDMA IV\_Full Power】**

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.20	22.34	21.64	23.00
3GPP Rel 99	RMC 12.2Kbps	22.20	22.37	21.74	23.00
3GPP Rel 6	HSDPA Subtest-1	21.25	21.39	20.76	22.00
3GPP Rel 6	HSDPA Subtest-2	21.26	21.29	20.69	22.00
3GPP Rel 6	HSDPA Subtest-3	20.83	20.91	20.26	21.50
3GPP Rel 6	HSDPA Subtest-4	20.72	20.79	20.19	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.26	21.32	20.71	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.15	21.27	20.60	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.69	20.80	20.10	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.59	20.70	20.10	21.50
3GPP Rel 6	HSUPA Subtest-1	21.10	21.26	20.64	22.00
3GPP Rel 6	HSUPA Subtest-2	19.26	19.31	18.73	20.00
3GPP Rel 6	HSUPA Subtest-3	20.36	20.44	19.83	21.00
3GPP Rel 6	HSUPA Subtest-4	19.23	19.26	18.64	20.00
3GPP Rel 6	HSUPA Subtest-5	21.23	21.29	20.63	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.81	18.95	18.31	19.50

**【WCDMA IV\_Receiver on】**

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.20	22.34	21.64	23.00
3GPP Rel 99	RMC 12.2Kbps	22.20	22.37	21.74	23.00
3GPP Rel 6	HSDPA Subtest-1	21.25	21.39	20.76	22.00
3GPP Rel 6	HSDPA Subtest-2	21.26	21.29	20.69	22.00
3GPP Rel 6	HSDPA Subtest-3	20.83	20.91	20.26	21.50
3GPP Rel 6	HSDPA Subtest-4	20.72	20.79	20.19	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.26	21.32	20.71	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.15	21.27	20.60	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.69	20.80	20.10	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.59	20.70	20.10	21.50
3GPP Rel 6	HSUPA Subtest-1	21.10	21.26	20.64	22.00
3GPP Rel 6	HSUPA Subtest-2	19.26	19.31	18.73	20.00
3GPP Rel 6	HSUPA Subtest-3	20.36	20.44	19.83	21.00
3GPP Rel 6	HSUPA Subtest-4	19.23	19.26	18.64	20.00
3GPP Rel 6	HSUPA Subtest-5	21.23	21.29	20.63	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.81	18.95	18.31	19.50

**【WCDMA IV\_Receiver off】**

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.21	21.35	20.68	22.00
3GPP Rel 99	RMC 12.2Kbps	21.18	21.36	20.75	22.00
3GPP Rel 6	HSDPA Subtest-1	20.29	20.41	19.76	21.00
3GPP Rel 6	HSDPA Subtest-2	20.23	20.26	19.68	21.00
3GPP Rel 6	HSDPA Subtest-3	19.80	19.90	19.30	20.50
3GPP Rel 6	HSDPA Subtest-4	19.71	19.76	19.17	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.23	20.33	19.73	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.15	20.25	19.62	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.69	19.81	19.12	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.56	19.71	19.09	20.50
3GPP Rel 6	HSUPA Subtest-1	20.06	20.29	19.67	21.00
3GPP Rel 6	HSUPA Subtest-2	18.27	18.29	17.76	19.00
3GPP Rel 6	HSUPA Subtest-3	19.39	19.41	18.80	20.00
3GPP Rel 6	HSUPA Subtest-4	18.19	18.29	17.61	19.00
3GPP Rel 6	HSUPA Subtest-5	20.26	20.31	19.61	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.85	17.99	17.29	18.50

**【WCDMA V\_Full Power】**

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.07	22.17	22.10	24.00
3GPP Rel 99	RMC 12.2Kbps	22.05	22.15	22.12	24.00
3GPP Rel 6	HSDPA Subtest-1	21.08	21.14	21.19	23.00
3GPP Rel 6	HSDPA Subtest-2	21.10	21.14	21.08	23.00
3GPP Rel 6	HSDPA Subtest-3	20.59	20.63	20.60	22.50
3GPP Rel 6	HSDPA Subtest-4	20.57	20.64	20.58	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.10	21.17	21.13	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.01	21.02	21.02	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.51	20.60	20.54	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.51	20.50	20.56	22.50
3GPP Rel 6	HSUPA Subtest-1	21.07	21.07	21.01	23.00
3GPP Rel 6	HSUPA Subtest-2	19.04	19.15	19.07	21.00
3GPP Rel 6	HSUPA Subtest-3	20.13	20.22	20.15	22.00
3GPP Rel 6	HSUPA Subtest-4	19.01	19.04	19.04	21.00
3GPP Rel 6	HSUPA Subtest-5	21.07	21.09	21.00	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.57	18.72	18.62	20.50

**【WCDMA V\_Receiver on】**

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.07	22.17	22.10	24.00
3GPP Rel 99	RMC 12.2Kbps	22.05	22.15	22.12	24.00
3GPP Rel 6	HSDPA Subtest-1	21.08	21.14	21.19	23.00
3GPP Rel 6	HSDPA Subtest-2	21.10	21.14	21.08	23.00
3GPP Rel 6	HSDPA Subtest-3	20.59	20.63	20.60	22.50
3GPP Rel 6	HSDPA Subtest-4	20.57	20.64	20.58	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.10	21.17	21.13	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.01	21.02	21.02	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.51	20.60	20.54	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.51	20.50	20.56	22.50
3GPP Rel 6	HSUPA Subtest-1	21.07	21.07	21.01	23.00
3GPP Rel 6	HSUPA Subtest-2	19.04	19.15	19.07	21.00
3GPP Rel 6	HSUPA Subtest-3	20.13	20.22	20.15	22.00
3GPP Rel 6	HSUPA Subtest-4	19.01	19.04	19.04	21.00
3GPP Rel 6	HSUPA Subtest-5	21.07	21.09	21.00	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.57	18.72	18.62	20.50

**【WCDMA V\_Receiver off】**

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.07	22.17	22.10	24.00
3GPP Rel 99	RMC 12.2Kbps	22.05	22.15	22.12	24.00
3GPP Rel 6	HSDPA Subtest-1	21.08	21.14	21.19	23.00
3GPP Rel 6	HSDPA Subtest-2	21.10	21.14	21.08	23.00
3GPP Rel 6	HSDPA Subtest-3	20.59	20.63	20.60	22.50
3GPP Rel 6	HSDPA Subtest-4	20.57	20.64	20.58	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.10	21.17	21.13	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.01	21.02	21.02	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.51	20.60	20.54	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.51	20.50	20.56	22.50
3GPP Rel 6	HSUPA Subtest-1	21.07	21.07	21.01	23.00
3GPP Rel 6	HSUPA Subtest-2	19.04	19.15	19.07	21.00
3GPP Rel 6	HSUPA Subtest-3	20.13	20.22	20.15	22.00
3GPP Rel 6	HSUPA Subtest-4	19.01	19.04	19.04	21.00
3GPP Rel 6	HSUPA Subtest-5	21.07	21.09	21.00	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.57	18.72	18.62	20.50

<LTE Conducted Power>

【LTE Band 2\_Ant 0\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.98	23.17	23.13	24.00
20	QPSK	1	49	22.90	23.10	23.01	24.00
20	QPSK	1	99	22.81	23.14	23.06	24.00
20	QPSK	50	0	22.01	22.27	22.15	23.00
20	QPSK	50	24	21.77	22.08	21.90	23.00
20	QPSK	50	50	21.94	22.21	22.09	23.00
20	QPSK	100	0	21.77	21.96	21.88	23.00
20	16QAM	1	0	21.59	21.81	21.62	23.00
20	16QAM	1	49	21.41	21.70	21.52	23.00
20	16QAM	1	99	21.76	22.05	21.93	23.00
20	16QAM	50	0	20.88	21.12	21.05	22.00
20	16QAM	50	24	20.97	21.17	21.11	22.00
20	16QAM	50	50	21.13	21.36	21.19	22.00
20	16QAM	100	0	20.73	20.97	20.91	22.00
20	64QAM	1	0	20.62	20.89	20.76	22.00
20	64QAM	1	49	20.65	20.84	20.77	22.00
20	64QAM	1	99	20.80	21.10	21.02	22.00
20	64QAM	50	0	19.53	19.80	19.63	21.00
20	64QAM	50	24	19.41	19.65	19.48	21.00
20	64QAM	50	50	19.54	19.81	19.72	21.00
20	64QAM	100	0	19.11	19.32	19.21	21.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.85	23.02	23.05	24.00
15	QPSK	1	37	22.86	23.01	22.88	24.00
15	QPSK	1	74	22.70	23.02	22.96	24.00
15	QPSK	36	0	22.00	22.19	22.12	23.00
15	QPSK	36	20	21.75	22.04	21.82	23.00
15	QPSK	36	39	21.84	22.11	21.95	23.00
15	QPSK	75	0	21.67	21.83	21.86	23.00
15	16QAM	1	0	21.56	21.75	21.51	23.00
15	16QAM	1	37	21.28	21.66	21.39	23.00
15	16QAM	1	74	21.75	22.00	21.79	23.00
15	16QAM	36	0	20.74	20.98	21.00	22.00
15	16QAM	36	20	20.89	21.08	21.01	22.00
15	16QAM	36	39	21.11	21.27	21.09	22.00
15	16QAM	75	0	20.70	20.95	20.80	22.00
15	64QAM	1	0	20.58	20.84	20.62	22.00
15	64QAM	1	37	20.61	20.70	20.63	22.00
15	64QAM	1	74	20.68	20.99	20.96	22.00
15	64QAM	36	0	19.41	19.74	19.61	21.00
15	64QAM	36	20	19.27	19.57	19.35	21.00
15	64QAM	36	39	19.44	19.76	19.67	21.00
15	64QAM	75	0	19.02	19.18	19.07	21.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.94	23.16	23.06	24.00
10	QPSK	1	25	22.83	23.07	22.95	24.00
10	QPSK	1	49	22.68	23.09	23.03	24.00
10	QPSK	25	0	21.91	22.22	22.11	23.00
10	QPSK	25	12	21.71	22.05	21.79	23.00
10	QPSK	25	25	21.85	22.17	21.99	23.00
10	QPSK	50	0	21.70	21.89	21.77	23.00
10	16QAM	1	0	21.47	21.70	21.53	23.00
10	16QAM	1	25	21.39	21.62	21.38	23.00
10	16QAM	1	49	21.71	22.01	21.80	23.00
10	16QAM	25	0	20.85	21.00	20.97	22.00
10	16QAM	25	12	20.95	21.08	21.00	22.00
10	16QAM	25	25	21.00	21.27	21.06	22.00
10	16QAM	50	0	20.63	20.92	20.79	22.00
10	64QAM	1	0	20.52	20.82	20.70	22.00
10	64QAM	1	25	20.53	20.79	20.71	22.00
10	64QAM	1	49	20.66	20.99	20.91	22.00



10	64QAM	25	0	19.38	19.79	19.56	21.00
10	64QAM	25	12	19.37	19.63	19.44	21.00
10	64QAM	25	25	19.49	19.76	19.60	21.00
10	64QAM	50	0	19.08	19.20	19.07	21.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.86	23.15	23.03	24.00
5	QPSK	1	12	22.79	23.04	22.90	24.00
5	QPSK	1	24	22.78	23.09	22.95	24.00
5	QPSK	12	0	21.97	22.25	22.03	23.00
5	QPSK	12	7	21.63	22.00	21.78	23.00
5	QPSK	12	13	21.85	22.14	21.96	23.00
5	QPSK	25	0	21.68	21.92	21.80	23.00
5	16QAM	1	0	21.47	21.75	21.52	23.00
5	16QAM	1	12	21.30	21.68	21.37	23.00
5	16QAM	1	24	21.65	21.99	21.80	23.00
5	16QAM	12	0	20.81	20.98	20.94	22.00
5	16QAM	12	7	20.88	21.04	21.00	22.00
5	16QAM	12	13	21.11	21.34	21.17	22.00
5	16QAM	25	0	20.65	20.85	20.77	22.00
5	64QAM	1	0	20.50	20.82	20.69	22.00
5	64QAM	1	12	20.57	20.73	20.72	22.00
5	64QAM	1	24	20.79	21.04	20.99	22.00
5	64QAM	12	0	19.39	19.77	19.58	21.00
5	64QAM	12	7	19.40	19.53	19.43	21.00
5	64QAM	12	13	19.45	19.74	19.69	21.00
5	64QAM	25	0	19.00	19.18	19.10	21.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.92	23.06	23.05	24.00
3	QPSK	1	8	22.89	23.00	22.98	24.00
3	QPSK	1	14	22.72	23.03	23.02	24.00
3	QPSK	8	0	21.88	22.25	22.11	23.00
3	QPSK	8	4	21.65	22.00	21.77	23.00
3	QPSK	8	7	21.91	22.08	22.02	23.00
3	QPSK	15	0	21.73	21.86	21.79	23.00
3	16QAM	1	0	21.56	21.67	21.49	23.00
3	16QAM	1	8	21.29	21.67	21.37	23.00
3	16QAM	1	14	21.69	21.95	21.91	23.00
3	16QAM	8	0	20.79	21.04	21.00	22.00
3	16QAM	8	4	20.89	21.11	21.07	22.00
3	16QAM	8	7	21.01	21.28	21.16	22.00
3	16QAM	15	0	20.69	20.85	20.79	22.00
3	64QAM	1	0	20.56	20.87	20.73	22.00
3	64QAM	1	8	20.58	20.70	20.74	22.00
3	64QAM	1	14	20.71	21.01	20.97	22.00
3	64QAM	8	0	19.46	19.76	19.50	21.00
3	64QAM	8	4	19.35	19.51	19.47	21.00
3	64QAM	8	7	19.47	19.79	19.71	21.00
3	64QAM	15	0	19.07	19.29	19.11	21.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	22.89	23.14	23.02	24.00
1.4	QPSK	1	3	22.80	23.04	22.97	24.00
1.4	QPSK	1	5	22.76	23.00	22.95	24.00
1.4	QPSK	3	0	22.87	23.17	23.01	24.00
1.4	QPSK	3	1	22.65	22.96	22.78	24.00
1.4	QPSK	3	3	22.83	23.16	23.04	24.00
1.4	QPSK	6	0	21.65	21.89	21.74	23.00
1.4	16QAM	1	0	21.47	21.74	21.59	23.00
1.4	16QAM	1	3	21.31	21.57	21.37	23.00
1.4	16QAM	1	5	21.64	22.01	21.90	23.00
1.4	16QAM	3	0	21.83	21.97	21.97	23.00
1.4	16QAM	3	1	21.94	22.11	22.04	23.00
1.4	16QAM	3	3	22.00	22.26	22.11	23.00
1.4	16QAM	6	0	20.64	20.86	20.87	22.00
1.4	64QAM	1	0	20.49	20.81	20.74	22.00
1.4	64QAM	1	3	20.56	20.79	20.65	22.00
1.4	64QAM	1	5	20.68	21.03	20.95	22.00
1.4	64QAM	3	0	20.49	20.72	20.49	22.00
1.4	64QAM	3	1	20.31	20.54	20.40	22.00
1.4	64QAM	3	3	20.39	20.66	20.60	22.00
1.4	64QAM	6	0	19.10	19.26	19.20	21.00

【LTE Band 2\_Ant 0\_Receiver on】

Channel	Frequency (MHz)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
20	QPSK 1 0	22.98	23.17	23.13	24.00
20	QPSK 1 49	22.90	23.10	23.01	24.00
20	QPSK 1 99	22.81	23.14	23.06	24.00
20	QPSK 50 0	22.01	22.27	22.15	23.00
20	QPSK 50 24	21.77	22.08	21.90	23.00
20	QPSK 50 50	21.94	22.21	22.09	23.00
20	QPSK 100 0	21.77	21.96	21.88	23.00
20	16QAM 1 0	21.59	21.81	21.62	23.00
20	16QAM 1 49	21.41	21.70	21.52	23.00
20	16QAM 1 99	21.76	22.05	21.93	23.00
20	16QAM 50 0	20.88	21.12	21.05	22.00
20	16QAM 50 24	20.97	21.17	21.11	22.00
20	16QAM 50 50	21.13	21.36	21.19	22.00
20	16QAM 100 0	20.73	20.97	20.91	22.00
20	64QAM 1 0	20.62	20.89	20.76	22.00
20	64QAM 1 49	20.65	20.84	20.77	22.00
20	64QAM 1 99	20.80	21.10	21.02	22.00
20	64QAM 50 0	19.53	19.80	19.63	21.00
20	64QAM 50 24	19.41	19.65	19.48	21.00
20	64QAM 50 50	19.54	19.81	19.72	21.00
20	64QAM 100 0	19.11	19.32	19.21	21.00
Channel	Frequency (MHz)	18675	18900	19125	Tune-up limit (dBm)
15	QPSK 1 0	22.85	23.02	23.05	24.00
15	QPSK 1 37	22.86	23.01	22.88	24.00
15	QPSK 1 74	22.70	23.02	22.96	24.00
15	QPSK 36 0	22.00	22.19	22.12	23.00
15	QPSK 36 20	21.75	22.04	21.82	23.00
15	QPSK 36 39	21.84	22.11	21.95	23.00
15	QPSK 75 0	21.67	21.83	21.86	23.00
15	16QAM 1 0	21.56	21.75	21.51	23.00
15	16QAM 1 37	21.28	21.66	21.39	23.00
15	16QAM 1 74	21.75	22.00	21.79	23.00
15	16QAM 36 0	20.74	20.98	21.00	22.00
15	16QAM 36 20	20.89	21.08	21.01	22.00
15	16QAM 36 39	21.11	21.27	21.09	22.00
15	16QAM 75 0	20.70	20.95	20.80	22.00
15	64QAM 1 0	20.58	20.84	20.62	22.00
15	64QAM 1 37	20.61	20.70	20.63	22.00
15	64QAM 1 74	20.68	20.99	20.96	22.00
15	64QAM 36 0	19.41	19.74	19.61	21.00
15	64QAM 36 20	19.27	19.57	19.35	21.00
15	64QAM 36 39	19.44	19.76	19.67	21.00
15	64QAM 75 0	19.02	19.18	19.07	21.00
Channel	Frequency (MHz)	18650	18900	19150	Tune-up limit (dBm)
10	QPSK 1 0	22.94	23.16	23.06	24.00
10	QPSK 1 25	22.83	23.07	22.95	24.00
10	QPSK 1 49	22.68	23.09	23.03	24.00
10	QPSK 25 0	21.91	22.22	22.11	23.00
10	QPSK 25 12	21.71	22.05	21.79	23.00
10	QPSK 25 25	21.85	22.17	21.99	23.00
10	QPSK 50 0	21.70	21.89	21.77	23.00
10	16QAM 1 0	21.47	21.70	21.53	23.00
10	16QAM 1 25	21.39	21.62	21.38	23.00
10	16QAM 1 49	21.71	22.01	21.80	23.00
10	16QAM 25 0	20.85	21.00	20.97	22.00
10	16QAM 25 12	20.95	21.08	21.00	22.00
10	16QAM 25 25	21.00	21.27	21.06	22.00
10	16QAM 50 0	20.63	20.92	20.79	22.00
10	64QAM 1 0	20.52	20.82	20.70	22.00
10	64QAM 1 25	20.53	20.79	20.71	22.00
10	64QAM 1 49	20.66	20.99	20.91	22.00
10	64QAM 25 0	19.38	19.79	19.56	21.00
10	64QAM 25 12	19.37	19.63	19.44	21.00
10	64QAM 25 25	19.49	19.76	19.60	21.00
10	64QAM 50 0	19.08	19.20	19.07	21.00
Channel	Frequency (MHz)	18625	18900	19175	Tune-up limit (dBm)
5	QPSK 1 0	22.86	23.15	23.03	24.00
5	QPSK 1 12	22.79	23.04	22.90	24.00
5	QPSK 1 24	22.78	23.09	22.95	24.00

5	QPSK	12	0	21.97	22.25	22.03	23.00
5	QPSK	12	7	21.63	22.00	21.78	23.00
5	QPSK	12	13	21.85	22.14	21.96	23.00
5	QPSK	25	0	21.68	21.92	21.80	23.00
5	16QAM	1	0	21.47	21.75	21.52	23.00
5	16QAM	1	12	21.30	21.68	21.37	23.00
5	16QAM	1	24	21.65	21.99	21.80	23.00
5	16QAM	12	0	20.81	20.98	20.94	22.00
5	16QAM	12	7	20.88	21.04	21.00	22.00
5	16QAM	12	13	21.11	21.34	21.17	22.00
5	16QAM	25	0	20.65	20.85	20.77	22.00
5	64QAM	1	0	20.50	20.82	20.69	22.00
5	64QAM	1	12	20.57	20.73	20.72	22.00
5	64QAM	1	24	20.79	21.04	20.99	22.00
5	64QAM	12	0	19.39	19.77	19.58	21.00
5	64QAM	12	7	19.40	19.53	19.43	21.00
5	64QAM	12	13	19.45	19.74	19.69	21.00
5	64QAM	25	0	19.00	19.18	19.10	21.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.92	23.06	23.05	24.00
3	QPSK	1	8	22.89	23.00	22.98	24.00
3	QPSK	1	14	22.72	23.03	23.02	24.00
3	QPSK	8	0	21.88	22.25	22.11	23.00
3	QPSK	8	4	21.65	22.00	21.77	23.00
3	QPSK	8	7	21.91	22.08	22.02	23.00
3	QPSK	15	0	21.73	21.86	21.79	23.00
3	16QAM	1	0	21.56	21.67	21.49	23.00
3	16QAM	1	8	21.29	21.67	21.37	23.00
3	16QAM	1	14	21.69	21.95	21.91	23.00
3	16QAM	8	0	20.79	21.04	21.00	22.00
3	16QAM	8	4	20.89	21.11	21.07	22.00
3	16QAM	8	7	21.01	21.28	21.16	22.00
3	16QAM	15	0	20.69	20.85	20.79	22.00
3	64QAM	1	0	20.56	20.87	20.73	22.00
3	64QAM	1	8	20.58	20.70	20.74	22.00
3	64QAM	1	14	20.71	21.01	20.97	22.00
3	64QAM	8	0	19.46	19.76	19.50	21.00
3	64QAM	8	4	19.35	19.51	19.47	21.00
3	64QAM	8	7	19.47	19.79	19.71	21.00
3	64QAM	15	0	19.07	19.29	19.11	21.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.89	23.14	23.02	24.00
1.4	QPSK	1	3	22.80	23.04	22.97	24.00
1.4	QPSK	1	5	22.76	23.00	22.95	24.00
1.4	QPSK	3	0	22.87	23.17	23.01	24.00
1.4	QPSK	3	1	22.65	22.96	22.78	24.00
1.4	QPSK	3	3	22.83	23.16	23.04	24.00
1.4	QPSK	6	0	21.65	21.89	21.74	23.00
1.4	16QAM	1	0	21.47	21.74	21.59	23.00
1.4	16QAM	1	3	21.31	21.57	21.37	23.00
1.4	16QAM	1	5	21.64	22.01	21.90	23.00
1.4	16QAM	3	0	21.83	21.97	21.97	23.00
1.4	16QAM	3	1	21.94	22.11	22.04	23.00
1.4	16QAM	3	3	22.00	22.26	22.11	23.00
1.4	16QAM	6	0	20.64	20.86	20.87	22.00
1.4	64QAM	1	0	20.49	20.81	20.74	22.00
1.4	64QAM	1	3	20.56	20.79	20.65	22.00
1.4	64QAM	1	5	20.68	21.03	20.95	22.00
1.4	64QAM	3	0	20.49	20.72	20.49	22.00
1.4	64QAM	3	1	20.31	20.54	20.40	22.00
1.4	64QAM	3	3	20.39	20.66	20.60	22.00
1.4	64QAM	6	0	19.10	19.26	19.20	21.00

**【LTE Band 2\_Ant 0\_Receiver off】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.15	20.38	20.34	21.50
20	QPSK	1	49	19.99	20.37	20.25	21.50



20	QPSK	1	99	20.02	20.33	20.24	21.50
20	QPSK	50	0	20.04	20.37	20.24	21.50
20	QPSK	50	24	20.05	20.36	20.28	21.50
20	QPSK	50	50	20.03	20.31	20.29	21.50
20	QPSK	100	0	20.02	20.36	20.28	21.50
20	16QAM	1	0	20.01	20.37	20.25	21.50
20	16QAM	1	49	19.99	20.31	20.23	21.50
20	16QAM	1	99	19.99	20.33	20.30	21.50
20	16QAM	50	0	20.02	20.37	20.24	21.50
20	16QAM	50	24	20.01	20.35	20.25	21.50
20	16QAM	50	50	20.02	20.32	20.28	21.50
20	16QAM	100	0	20.00	20.32	20.25	21.50
20	64QAM	1	0	20.02	20.32	20.24	21.50
20	64QAM	1	49	20.01	20.38	20.28	21.50
20	64QAM	1	99	19.98	20.32	20.27	21.50
20	64QAM	50	0	19.53	19.80	19.63	21.00
20	64QAM	50	24	19.41	19.65	19.48	21.00
20	64QAM	50	50	19.54	19.81	19.72	21.00
20	64QAM	100	0	19.11	19.32	19.21	21.00
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	20.04	20.28	20.25	21.50
15	QPSK	1	37	19.96	20.22	20.20	21.50
15	QPSK	1	74	19.94	20.21	20.12	21.50
15	QPSK	36	0	19.98	20.30	20.17	21.50
15	QPSK	36	20	19.94	20.32	20.16	21.50
15	QPSK	36	39	19.91	20.16	20.27	21.50
15	QPSK	75	0	19.96	20.25	20.21	21.50
15	16QAM	1	0	19.99	20.36	20.20	21.50
15	16QAM	1	37	19.98	20.24	20.18	21.50
15	16QAM	1	74	19.88	20.19	20.27	21.50
15	16QAM	36	0	19.93	20.29	20.23	21.50
15	16QAM	36	20	19.94	20.29	20.13	21.50
15	16QAM	36	39	19.87	20.26	20.16	21.50
15	16QAM	75	0	19.96	20.17	20.14	21.50
15	64QAM	1	0	19.99	20.29	20.21	21.50
15	64QAM	1	37	19.88	20.26	20.13	21.50
15	64QAM	1	74	19.83	20.19	20.13	21.50
15	64QAM	36	0	19.39	19.68	19.55	21.00
15	64QAM	36	20	19.38	19.59	19.36	21.00
15	64QAM	36	39	19.48	19.75	19.62	21.00
15	64QAM	75	0	19.00	19.20	19.17	21.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	20.05	20.27	20.32	21.50
10	QPSK	1	25	19.91	20.30	20.22	21.50
10	QPSK	1	49	19.93	20.31	20.20	21.50
10	QPSK	25	0	19.92	20.34	20.19	21.50
10	QPSK	25	12	19.93	20.24	20.19	21.50
10	QPSK	25	25	19.92	20.29	20.23	21.50
10	QPSK	50	0	19.90	20.30	20.17	21.50
10	16QAM	1	0	19.87	20.22	20.13	21.50
10	16QAM	1	25	19.89	20.20	20.21	21.50
10	16QAM	1	49	19.96	20.30	20.29	21.50
10	16QAM	25	0	19.97	20.32	20.15	21.50
10	16QAM	25	12	19.87	20.23	20.18	21.50
10	16QAM	25	25	19.94	20.17	20.22	21.50
10	16QAM	50	0	19.90	20.23	20.13	21.50
10	64QAM	1	0	19.99	20.29	20.21	21.50
10	64QAM	1	25	19.92	20.26	20.14	21.50
10	64QAM	1	49	19.87	20.21	20.18	21.50
10	64QAM	25	0	19.46	19.66	19.54	21.00
10	64QAM	25	12	19.28	19.60	19.47	21.00
10	64QAM	25	25	19.46	19.70	19.69	21.00
10	64QAM	50	0	19.04	19.17	19.13	21.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	20.07	20.31	20.27	21.50
5	QPSK	1	12	19.88	20.25	20.12	21.50
5	QPSK	1	24	19.98	20.31	20.14	21.50
5	QPSK	12	0	19.96	20.23	20.16	21.50
5	QPSK	12	7	20.04	20.28	20.20	21.50
5	QPSK	12	13	19.90	20.17	20.24	21.50
5	QPSK	25	0	19.95	20.24	20.25	21.50
5	16QAM	1	0	19.99	20.35	20.22	21.50
5	16QAM	1	12	19.92	20.30	20.08	21.50
5	16QAM	1	24	19.98	20.26	20.20	21.50
5	16QAM	12	0	20.01	20.29	20.16	21.50

5	16QAM	12	7	19.97	20.27	20.10	21.50
5	16QAM	12	13	19.88	20.19	20.14	21.50
5	16QAM	25	0	19.96	20.19	20.15	21.50
5	64QAM	1	0	19.90	20.25	20.11	21.50
5	64QAM	1	12	19.87	20.34	20.21	21.50
5	64QAM	1	24	19.91	20.28	20.13	21.50
5	64QAM	12	0	19.50	19.67	19.54	21.00
5	64QAM	12	7	19.29	19.61	19.41	21.00
5	64QAM	12	13	19.41	19.79	19.58	21.00
5	64QAM	25	0	19.09	19.22	19.07	21.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.07	20.26	20.22	21.50
3	QPSK	1	8	19.97	20.33	20.16	21.50
3	QPSK	1	14	19.90	20.29	20.20	21.50
3	QPSK	8	0	19.98	20.33	20.16	21.50
3	QPSK	8	4	19.99	20.28	20.15	21.50
3	QPSK	8	7	19.99	20.18	20.26	21.50
3	QPSK	15	0	19.93	20.22	20.19	21.50
3	16QAM	1	0	19.94	20.23	20.16	21.50
3	16QAM	1	8	19.90	20.24	20.14	21.50
3	16QAM	1	14	19.97	20.21	20.24	21.50
3	16QAM	8	0	19.90	20.29	20.18	21.50
3	16QAM	8	4	19.87	20.24	20.16	21.50
3	16QAM	8	7	19.95	20.24	20.24	21.50
3	16QAM	15	0	19.85	20.27	20.19	21.50
3	64QAM	1	0	20.00	20.29	20.19	21.50
3	64QAM	1	8	19.86	20.29	20.17	21.50
3	64QAM	1	14	19.92	20.17	20.26	21.50
3	64QAM	8	0	19.49	19.76	19.50	21.00
3	64QAM	8	4	19.37	19.61	19.36	21.00
3	64QAM	8	7	19.45	19.69	19.62	21.00
3	64QAM	15	0	19.07	19.28	19.15	21.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.11	20.37	20.28	21.50
1.4	QPSK	1	3	19.90	20.23	20.18	21.50
1.4	QPSK	1	5	19.91	20.32	20.17	21.50
1.4	QPSK	3	0	19.95	20.23	20.22	21.50
1.4	QPSK	3	1	19.92	20.27	20.16	21.50
1.4	QPSK	3	3	19.94	20.26	20.22	21.50
1.4	QPSK	6	0	19.97	20.32	20.16	21.50
1.4	16QAM	1	0	19.93	20.32	20.16	21.50
1.4	16QAM	1	3	19.92	20.21	20.21	21.50
1.4	16QAM	1	5	19.90	20.30	20.26	21.50
1.4	16QAM	3	0	19.94	20.32	20.22	21.50
1.4	16QAM	3	1	19.97	20.23	20.21	21.50
1.4	16QAM	3	3	20.01	20.26	20.17	21.50
1.4	16QAM	6	0	19.87	20.19	20.10	21.50
1.4	64QAM	1	0	19.97	20.19	20.10	21.50
1.4	64QAM	1	3	19.91	20.28	20.23	21.50
1.4	64QAM	1	5	19.95	20.26	20.17	21.50
1.4	64QAM	3	0	19.94	20.18	20.00	21.50
1.4	64QAM	3	1	19.86	20.07	19.89	21.50
1.4	64QAM	3	3	19.89	20.27	20.13	21.50
1.4	64QAM	6	0	19.09	19.21	19.11	21.00

**【LTE Band 5\_Ant 0\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.12	23.43	23.31	24.00
10	QPSK	1	25	22.87	23.25	23.02	24.00
10	QPSK	1	49	22.96	23.39	23.21	24.00
10	QPSK	25	0	22.09	22.43	22.30	23.00
10	QPSK	25	12	21.99	22.39	22.25	23.00
10	QPSK	25	25	21.90	22.30	22.13	23.00
10	QPSK	50	0	22.14	22.45	22.32	23.00
10	16QAM	1	0	22.26	22.57	22.40	23.00
10	16QAM	1	25	22.03	22.45	22.28	23.00
10	16QAM	1	49	22.17	22.53	22.38	23.00



10	16QAM	25	0	21.47	21.85	21.69	22.00
10	16QAM	25	12	21.47	21.77	21.58	22.00
10	16QAM	25	25	21.37	21.74	21.62	22.00
10	16QAM	50	0	21.29	21.60	21.35	22.00
10	64QAM	1	0	21.60	21.92	21.76	22.00
10	64QAM	1	25	21.48	21.82	21.59	22.00
10	64QAM	1	49	21.56	21.91	21.71	22.00
10	64QAM	25	0	20.07	20.44	20.20	21.00
10	64QAM	25	12	20.19	20.53	20.35	21.00
10	64QAM	25	25	20.06	20.39	20.19	21.00
10	64QAM	50	0	20.10	20.41	20.28	21.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	23.09	23.41	23.27	24.00
5	QPSK	1	12	22.84	23.16	23.01	24.00
5	QPSK	1	24	22.87	23.25	23.13	24.00
5	QPSK	12	0	22.06	22.32	22.27	23.00
5	QPSK	12	7	21.94	22.28	22.10	23.00
5	QPSK	12	13	21.82	22.19	22.12	23.00
5	QPSK	25	0	22.03	22.41	22.27	23.00
5	16QAM	1	0	22.17	22.47	22.31	23.00
5	16QAM	1	12	21.92	22.43	22.15	23.00
5	16QAM	1	24	22.14	22.45	22.33	23.00
5	16QAM	12	0	21.36	21.78	21.60	22.00
5	16QAM	12	7	21.44	21.74	21.45	22.00
5	16QAM	12	13	21.23	21.66	21.55	22.00
5	16QAM	25	0	21.27	21.50	21.31	22.00
5	64QAM	1	0	21.48	21.83	21.62	22.00
5	64QAM	1	12	21.40	21.72	21.50	22.00
5	64QAM	1	24	21.45	21.86	21.63	22.00
5	64QAM	12	0	19.93	20.30	20.18	21.00
5	64QAM	12	7	20.16	20.42	20.29	21.00
5	64QAM	12	13	20.04	20.38	20.14	21.00
5	64QAM	25	0	20.02	20.36	20.26	21.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.04	23.39	23.25	24.00
3	QPSK	1	8	22.80	23.19	22.96	24.00
3	QPSK	1	14	22.84	23.27	23.10	24.00
3	QPSK	8	0	22.03	22.33	22.16	23.00
3	QPSK	8	4	21.86	22.32	22.15	23.00
3	QPSK	8	7	21.78	22.16	22.01	23.00
3	QPSK	15	0	22.09	22.31	22.25	23.00
3	16QAM	1	0	22.12	22.51	22.33	23.00
3	16QAM	1	8	21.92	22.42	22.15	23.00
3	16QAM	1	14	22.05	22.43	22.32	23.00
3	16QAM	8	0	21.32	21.71	21.64	22.00
3	16QAM	8	4	21.43	21.68	21.48	22.00
3	16QAM	8	7	21.34	21.69	21.51	22.00
3	16QAM	15	0	21.17	21.55	21.26	22.00
3	64QAM	1	0	21.47	21.79	21.68	22.00
3	64QAM	1	8	21.45	21.75	21.52	22.00
3	64QAM	1	14	21.45	21.78	21.61	22.00
3	64QAM	8	0	20.05	20.30	20.16	21.00
3	64QAM	8	4	20.07	20.41	20.33	21.00
3	64QAM	8	7	19.98	20.35	20.16	21.00
3	64QAM	15	0	20.04	20.40	20.24	21.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.11	23.40	23.20	24.00
1.4	QPSK	1	3	22.82	23.15	22.88	24.00
1.4	QPSK	1	5	22.82	23.26	23.13	24.00
1.4	QPSK	3	0	23.02	23.34	23.16	24.00
1.4	QPSK	3	1	22.92	23.34	23.11	24.00
1.4	QPSK	3	3	22.87	23.25	23.07	24.00
1.4	QPSK	6	0	22.09	22.43	22.17	23.00
1.4	16QAM	1	0	22.14	22.55	22.38	23.00
1.4	16QAM	1	3	21.99	22.41	22.24	23.00
1.4	16QAM	1	5	22.15	22.46	22.35	23.00
1.4	16QAM	3	0	22.44	22.72	22.62	23.00
1.4	16QAM	3	1	22.41	22.71	22.49	23.00
1.4	16QAM	3	3	22.35	22.63	22.58	23.00
1.4	16QAM	6	0	21.18	21.51	21.22	22.00
1.4	64QAM	1	0	21.47	21.84	21.64	22.00
1.4	64QAM	1	3	21.35	21.68	21.56	22.00
1.4	64QAM	1	5	21.49	21.76	21.66	22.00
1.4	64QAM	3	0	20.97	21.42	21.05	22.00
1.4	64QAM	3	1	21.16	21.48	21.29	22.00



1.4	64QAM	3	3	21.03	21.33	21.15	22.00
1.4	64QAM	6	0	19.97	20.31	20.16	21.00

【LTE Band 5\_Ant 0\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.12	23.43	23.31	24.00
10	QPSK	1	25	22.87	23.25	23.02	24.00
10	QPSK	1	49	22.96	23.39	23.21	24.00
10	QPSK	25	0	22.09	22.43	22.30	23.00
10	QPSK	25	12	21.99	22.39	22.25	23.00
10	QPSK	25	25	21.90	22.30	22.13	23.00
10	QPSK	50	0	22.14	22.45	22.32	23.00
10	16QAM	1	0	22.26	22.57	22.40	23.00
10	16QAM	1	25	22.03	22.45	22.28	23.00
10	16QAM	1	49	22.17	22.53	22.38	23.00
10	16QAM	25	0	21.47	21.85	21.69	22.00
10	16QAM	25	12	21.47	21.77	21.58	22.00
10	16QAM	25	25	21.37	21.74	21.62	22.00
10	16QAM	50	0	21.29	21.60	21.35	22.00
10	64QAM	1	0	21.60	21.92	21.76	22.00
10	64QAM	1	25	21.48	21.82	21.59	22.00
10	64QAM	1	49	21.56	21.91	21.71	22.00
10	64QAM	25	0	20.07	20.44	20.20	21.00
10	64QAM	25	12	20.19	20.53	20.35	21.00
10	64QAM	25	25	20.06	20.39	20.19	21.00
10	64QAM	50	0	20.10	20.41	20.28	21.00
Channel				20425	20525	20625	
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.09	23.41	23.27	24.00
5	QPSK	1	12	22.84	23.16	23.01	24.00
5	QPSK	1	24	22.87	23.25	23.13	24.00
5	QPSK	12	0	22.06	22.32	22.27	23.00
5	QPSK	12	7	21.94	22.28	22.10	23.00
5	QPSK	12	13	21.82	22.19	22.12	23.00
5	QPSK	25	0	22.03	22.41	22.27	23.00
5	16QAM	1	0	22.17	22.47	22.31	23.00
5	16QAM	1	12	21.92	22.43	22.15	23.00
5	16QAM	1	24	22.14	22.45	22.33	23.00
5	16QAM	12	0	21.36	21.78	21.60	22.00
5	16QAM	12	7	21.44	21.74	21.45	22.00
5	16QAM	12	13	21.23	21.66	21.55	22.00
5	16QAM	25	0	21.27	21.50	21.31	22.00
5	64QAM	1	0	21.48	21.83	21.62	22.00
5	64QAM	1	12	21.40	21.72	21.50	22.00
5	64QAM	1	24	21.45	21.86	21.63	22.00
5	64QAM	12	0	19.93	20.30	20.18	21.00
5	64QAM	12	7	20.16	20.42	20.29	21.00
5	64QAM	12	13	20.04	20.38	20.14	21.00
5	64QAM	25	0	20.02	20.36	20.26	21.00
Channel				20415	20525	20635	
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.04	23.39	23.25	24.00
3	QPSK	1	8	22.80	23.19	22.96	24.00
3	QPSK	1	14	22.84	23.27	23.10	24.00
3	QPSK	8	0	22.03	22.33	22.16	23.00
3	QPSK	8	4	21.86	22.32	22.15	23.00
3	QPSK	8	7	21.78	22.16	22.01	23.00
3	QPSK	15	0	22.09	22.31	22.25	23.00
3	16QAM	1	0	22.12	22.51	22.33	23.00
3	16QAM	1	8	21.92	22.42	22.15	23.00
3	16QAM	1	14	22.05	22.43	22.32	23.00
3	16QAM	8	0	21.32	21.71	21.64	22.00
3	16QAM	8	4	21.43	21.68	21.48	22.00
3	16QAM	8	7	21.34	21.69	21.51	22.00
3	16QAM	15	0	21.17	21.55	21.26	22.00
3	64QAM	1	0	21.47	21.79	21.68	22.00
3	64QAM	1	8	21.45	21.75	21.52	22.00
3	64QAM	1	14	21.45	21.78	21.61	22.00
3	64QAM	8	0	20.05	20.30	20.16	21.00

3	64QAM	8	4	20.07	20.41	20.33	21.00
3	64QAM	8	7	19.98	20.35	20.16	21.00
3	64QAM	15	0	20.04	20.40	20.24	21.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.11	23.40	23.20	24.00
1.4	QPSK	1	3	22.82	23.15	22.88	24.00
1.4	QPSK	1	5	22.82	23.26	23.13	24.00
1.4	QPSK	3	0	23.02	23.34	23.16	24.00
1.4	QPSK	3	1	22.92	23.34	23.11	24.00
1.4	QPSK	3	3	22.87	23.25	23.07	24.00
1.4	QPSK	6	0	22.09	22.43	22.17	23.00
1.4	16QAM	1	0	22.14	22.55	22.38	23.00
1.4	16QAM	1	3	21.99	22.41	22.24	23.00
1.4	16QAM	1	5	22.15	22.46	22.35	23.00
1.4	16QAM	3	0	22.44	22.72	22.62	23.00
1.4	16QAM	3	1	22.41	22.71	22.49	23.00
1.4	16QAM	3	3	22.35	22.63	22.58	23.00
1.4	16QAM	6	0	21.18	21.51	21.22	22.00
1.4	64QAM	1	0	21.47	21.84	21.64	22.00
1.4	64QAM	1	3	21.35	21.68	21.56	22.00
1.4	64QAM	1	5	21.49	21.76	21.66	22.00
1.4	64QAM	3	0	20.97	21.42	21.05	22.00
1.4	64QAM	3	1	21.16	21.48	21.29	22.00
1.4	64QAM	3	3	21.03	21.33	21.15	22.00
1.4	64QAM	6	0	19.97	20.31	20.16	21.00

**【LTE Band 5\_Ant 0\_Receiver off】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.12	23.43	23.31	24.00
10	QPSK	1	25	22.87	23.25	23.02	24.00
10	QPSK	1	49	22.96	23.39	23.21	24.00
10	QPSK	25	0	22.09	22.43	22.30	23.00
10	QPSK	25	12	21.99	22.39	22.25	23.00
10	QPSK	25	25	21.90	22.30	22.13	23.00
10	QPSK	50	0	22.14	22.45	22.32	23.00
10	16QAM	1	0	22.26	22.57	22.40	23.00
10	16QAM	1	25	22.03	22.45	22.28	23.00
10	16QAM	1	49	22.17	22.53	22.38	23.00
10	16QAM	25	0	21.47	21.85	21.69	22.00
10	16QAM	25	12	21.47	21.77	21.58	22.00
10	16QAM	25	25	21.37	21.74	21.62	22.00
10	16QAM	50	0	21.29	21.60	21.35	22.00
10	64QAM	1	0	21.60	21.92	21.76	22.00
10	64QAM	1	25	21.48	21.82	21.59	22.00
10	64QAM	1	49	21.56	21.91	21.71	22.00
10	64QAM	25	0	20.07	20.44	20.20	21.00
10	64QAM	25	12	20.19	20.53	20.35	21.00
10	64QAM	25	25	20.06	20.39	20.19	21.00
10	64QAM	50	0	20.10	20.41	20.28	21.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.09	23.41	23.27	24.00
5	QPSK	1	12	22.84	23.16	23.01	24.00
5	QPSK	1	24	22.87	23.25	23.13	24.00
5	QPSK	12	0	22.06	22.32	22.27	23.00
5	QPSK	12	7	21.94	22.28	22.10	23.00
5	QPSK	12	13	21.82	22.19	22.12	23.00
5	QPSK	25	0	22.03	22.41	22.27	23.00
5	16QAM	1	0	22.17	22.47	22.31	23.00
5	16QAM	1	12	21.92	22.43	22.15	23.00
5	16QAM	1	24	22.14	22.45	22.33	23.00
5	16QAM	12	0	21.36	21.78	21.60	22.00
5	16QAM	12	7	21.44	21.74	21.45	22.00
5	16QAM	12	13	21.23	21.66	21.55	22.00
5	16QAM	25	0	21.27	21.50	21.31	22.00
5	64QAM	1	0	21.48	21.83	21.62	22.00
5	64QAM	1	12	21.40	21.72	21.50	22.00
5	64QAM	1	24	21.45	21.86	21.63	22.00

5	64QAM	12	0	19.93	20.30	20.18	21.00
5	64QAM	12	7	20.16	20.42	20.29	21.00
5	64QAM	12	13	20.04	20.38	20.14	21.00
5	64QAM	25	0	20.02	20.36	20.26	21.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.04	23.39	23.25	24.00
3	QPSK	1	8	22.80	23.19	22.96	24.00
3	QPSK	1	14	22.84	23.27	23.10	24.00
3	QPSK	8	0	22.03	22.33	22.16	23.00
3	QPSK	8	4	21.86	22.32	22.15	23.00
3	QPSK	8	7	21.78	22.16	22.01	23.00
3	QPSK	15	0	22.09	22.31	22.25	23.00
3	16QAM	1	0	22.12	22.51	22.33	23.00
3	16QAM	1	8	21.92	22.42	22.15	23.00
3	16QAM	1	14	22.05	22.43	22.32	23.00
3	16QAM	8	0	21.32	21.71	21.64	22.00
3	16QAM	8	4	21.43	21.68	21.48	22.00
3	16QAM	8	7	21.34	21.69	21.51	22.00
3	16QAM	15	0	21.17	21.55	21.26	22.00
3	64QAM	1	0	21.47	21.79	21.68	22.00
3	64QAM	1	8	21.45	21.75	21.52	22.00
3	64QAM	1	14	21.45	21.78	21.61	22.00
3	64QAM	8	0	20.05	20.30	20.16	21.00
3	64QAM	8	4	20.07	20.41	20.33	21.00
3	64QAM	8	7	19.98	20.35	20.16	21.00
3	64QAM	15	0	20.04	20.40	20.24	21.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.11	23.40	23.20	24.00
1.4	QPSK	1	3	22.82	23.15	22.88	24.00
1.4	QPSK	1	5	22.82	23.26	23.13	24.00
1.4	QPSK	3	0	23.02	23.34	23.16	24.00
1.4	QPSK	3	1	22.92	23.34	23.11	24.00
1.4	QPSK	3	3	22.87	23.25	23.07	24.00
1.4	QPSK	6	0	22.09	22.43	22.17	23.00
1.4	16QAM	1	0	22.14	22.55	22.38	23.00
1.4	16QAM	1	3	21.99	22.41	22.24	23.00
1.4	16QAM	1	5	22.15	22.46	22.35	23.00
1.4	16QAM	3	0	22.44	22.72	22.62	23.00
1.4	16QAM	3	1	22.41	22.71	22.49	23.00
1.4	16QAM	3	3	22.35	22.63	22.58	23.00
1.4	16QAM	6	0	21.18	21.51	21.22	22.00
1.4	64QAM	1	0	21.47	21.84	21.64	22.00
1.4	64QAM	1	3	21.35	21.68	21.56	22.00
1.4	64QAM	1	5	21.49	21.76	21.66	22.00
1.4	64QAM	3	0	20.97	21.42	21.05	22.00
1.4	64QAM	3	1	21.16	21.48	21.29	22.00
1.4	64QAM	3	3	21.03	21.33	21.15	22.00
1.4	64QAM	6	0	19.97	20.31	20.16	21.00

【LTE Band 7\_Ant 0\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.80	23.27	23.24	
20	QPSK	1	49	22.36	22.93	22.77	
20	QPSK	1	99	22.56	23.07	22.93	
20	QPSK	50	0	21.79	22.34	22.26	
20	QPSK	50	24	21.52	21.98	21.92	
20	QPSK	50	50	21.39	21.94	21.80	
20	QPSK	100	0	21.39	21.94	21.80	
20	16QAM	1	0	21.32	21.91	21.76	
20	16QAM	1	49	21.37	21.96	21.83	
20	16QAM	1	99	21.69	22.22	22.06	
20	16QAM	50	0	20.64	21.12	21.06	
20	16QAM	50	24	20.57	21.09	20.94	
20	16QAM	50	50	20.56	21.07	21.03	
20	16QAM	100	0	20.49	21.04	20.89	
20	64QAM	1	0	20.97	21.44	21.29	
20	64QAM	1	49	20.91	21.37	21.21	



20	64QAM	1	99	21.10	21.56	21.52	22.00
20	64QAM	50	0	19.81	20.25	20.10	21.00
20	64QAM	50	24	20.24	20.75	20.68	21.00
20	64QAM	50	50	19.87	20.34	20.23	21.00
20	64QAM	100	0	19.81	20.30	20.14	21.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	22.75	23.14	23.12	24.00
15	QPSK	1	37	22.23	22.86	22.65	24.00
15	QPSK	1	74	22.54	23.06	22.78	24.00
15	QPSK	36	0	21.68	22.21	22.23	23.00
15	QPSK	36	20	21.41	21.90	21.82	23.00
15	QPSK	36	39	21.29	21.88	21.75	23.00
15	QPSK	75	0	21.29	21.88	21.69	23.00
15	16QAM	1	0	21.18	21.86	21.67	23.00
15	16QAM	1	37	21.27	21.89	21.78	23.00
15	16QAM	1	74	21.67	22.14	21.93	23.00
15	16QAM	36	0	20.59	21.09	20.91	22.00
15	16QAM	36	20	20.49	21.04	20.91	22.00
15	16QAM	36	39	20.41	21.01	21.01	22.00
15	16QAM	75	0	20.44	20.92	20.86	22.00
15	64QAM	1	0	20.95	21.39	21.26	22.00
15	64QAM	1	37	20.83	21.30	21.18	22.00
15	64QAM	1	74	20.96	21.50	21.38	22.00
15	64QAM	36	0	19.75	20.11	20.04	21.00
15	64QAM	36	20	20.16	20.73	20.64	21.00
15	64QAM	36	39	19.79	20.28	20.12	21.00
15	64QAM	75	0	19.69	20.20	20.00	21.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	22.74	23.15	23.21	24.00
10	QPSK	1	25	22.30	22.89	22.65	24.00
10	QPSK	1	49	22.41	22.95	22.86	24.00
10	QPSK	25	0	21.71	22.28	22.15	23.00
10	QPSK	25	12	21.45	21.83	21.86	23.00
10	QPSK	25	25	21.38	21.83	21.71	23.00
10	QPSK	50	0	21.30	21.93	21.70	23.00
10	16QAM	1	0	21.28	21.80	21.75	23.00
10	16QAM	1	25	21.30	21.93	21.70	23.00
10	16QAM	1	49	21.60	22.15	22.05	23.00
10	16QAM	25	0	20.53	21.02	21.01	22.00
10	16QAM	25	12	20.53	21.00	20.86	22.00
10	16QAM	25	25	20.55	20.94	20.89	22.00
10	16QAM	50	0	20.38	20.95	20.83	22.00
10	64QAM	1	0	20.84	21.34	21.26	22.00
10	64QAM	1	25	20.82	21.28	21.12	22.00
10	64QAM	1	49	21.01	21.51	21.38	22.00
10	64QAM	25	0	19.68	20.13	19.97	21.00
10	64QAM	25	12	20.20	20.65	20.56	21.00
10	64QAM	25	25	19.79	20.23	20.21	21.00
10	64QAM	50	0	19.70	20.15	20.03	21.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	22.70	23.23	23.19	24.00
5	QPSK	1	12	22.23	22.84	22.71	24.00
5	QPSK	1	24	22.55	22.92	22.82	24.00
5	QPSK	12	0	21.67	22.33	22.17	23.00
5	QPSK	12	7	21.44	21.85	21.77	23.00
5	QPSK	12	13	21.35	21.80	21.76	23.00
5	QPSK	25	0	21.27	21.89	21.79	23.00
5	16QAM	1	0	21.26	21.85	21.72	23.00
5	16QAM	1	12	21.35	21.93	21.69	23.00
5	16QAM	1	24	21.65	22.12	21.99	23.00
5	16QAM	12	0	20.58	21.03	20.93	22.00
5	16QAM	12	7	20.46	20.94	20.92	22.00
5	16QAM	12	13	20.46	21.02	20.93	22.00
5	16QAM	25	0	20.41	21.02	20.87	22.00
5	64QAM	1	0	20.92	21.41	21.19	22.00
5	64QAM	1	12	20.85	21.32	21.19	22.00
5	64QAM	1	24	21.04	21.43	21.51	22.00
5	64QAM	12	0	19.68	20.19	20.02	21.00
5	64QAM	12	7	20.09	20.65	20.56	21.00
5	64QAM	12	13	19.82	20.20	20.09	21.00
5	64QAM	25	0	19.73	20.28	20.12	21.00

【LTE Band 7\_Ant 0\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.80	23.27	23.24	24.00
20	QPSK	1	49	22.36	22.93	22.77	24.00
20	QPSK	1	99	22.56	23.07	22.93	24.00
20	QPSK	50	0	21.79	22.34	22.26	23.00
20	QPSK	50	24	21.52	21.98	21.92	23.00
20	QPSK	50	50	21.39	21.94	21.80	23.00
20	QPSK	100	0	21.39	21.94	21.80	23.00
20	16QAM	1	0	21.32	21.91	21.76	23.00
20	16QAM	1	49	21.37	21.96	21.83	23.00
20	16QAM	1	99	21.69	22.22	22.06	23.00
20	16QAM	50	0	20.64	21.12	21.06	22.00
20	16QAM	50	24	20.57	21.09	20.94	22.00
20	16QAM	50	50	20.56	21.07	21.03	22.00
20	16QAM	100	0	20.49	21.04	20.89	22.00
20	64QAM	1	0	20.97	21.44	21.29	22.00
20	64QAM	1	49	20.91	21.37	21.21	22.00
20	64QAM	1	99	21.10	21.56	21.52	22.00
20	64QAM	50	0	19.81	20.25	20.10	21.00
20	64QAM	50	24	20.24	20.75	20.68	21.00
20	64QAM	50	50	19.87	20.34	20.23	21.00
20	64QAM	100	0	19.81	20.30	20.14	21.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.75	23.14	23.12	24.00
15	QPSK	1	37	22.23	22.86	22.65	24.00
15	QPSK	1	74	22.54	23.06	22.78	24.00
15	QPSK	36	0	21.68	22.21	22.23	23.00
15	QPSK	36	20	21.41	21.90	21.82	23.00
15	QPSK	36	39	21.29	21.88	21.75	23.00
15	QPSK	75	0	21.29	21.88	21.69	23.00
15	16QAM	1	0	21.18	21.86	21.67	23.00
15	16QAM	1	37	21.27	21.89	21.78	23.00
15	16QAM	1	74	21.67	22.14	21.93	23.00
15	16QAM	36	0	20.59	21.09	20.91	22.00
15	16QAM	36	20	20.49	21.04	20.91	22.00
15	16QAM	36	39	20.41	21.01	21.01	22.00
15	16QAM	75	0	20.44	20.92	20.86	22.00
15	64QAM	1	0	20.95	21.39	21.26	22.00
15	64QAM	1	37	20.83	21.30	21.18	22.00
15	64QAM	1	74	20.96	21.50	21.38	22.00
15	64QAM	36	0	19.75	20.11	20.04	21.00
15	64QAM	36	20	20.16	20.73	20.64	21.00
15	64QAM	36	39	19.79	20.28	20.12	21.00
15	64QAM	75	0	19.69	20.20	20.00	21.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.74	23.15	23.21	24.00
10	QPSK	1	25	22.30	22.89	22.65	24.00
10	QPSK	1	49	22.41	22.95	22.86	24.00
10	QPSK	25	0	21.71	22.28	22.15	23.00
10	QPSK	25	12	21.45	21.83	21.86	23.00
10	QPSK	25	25	21.38	21.83	21.71	23.00
10	QPSK	50	0	21.30	21.93	21.70	23.00
10	16QAM	1	0	21.28	21.80	21.75	23.00
10	16QAM	1	25	21.30	21.93	21.70	23.00
10	16QAM	1	49	21.60	22.15	22.05	23.00
10	16QAM	25	0	20.53	21.02	21.01	22.00
10	16QAM	25	12	20.53	21.00	20.86	22.00
10	16QAM	25	25	20.55	20.94	20.89	22.00
10	16QAM	50	0	20.38	20.95	20.83	22.00
10	64QAM	1	0	20.84	21.34	21.26	22.00
10	64QAM	1	25	20.82	21.28	21.12	22.00
10	64QAM	1	49	21.01	21.51	21.38	22.00
10	64QAM	25	0	19.68	20.13	19.97	21.00
10	64QAM	25	12	20.20	20.65	20.56	21.00
10	64QAM	25	25	19.79	20.23	20.21	21.00
10	64QAM	50	0	19.70	20.15	20.03	21.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.70	23.23	23.19	24.00
5	QPSK	1	12	22.23	22.84	22.71	24.00

5	QPSK	1	24	22.55	22.92	22.82	24.00
5	QPSK	12	0	21.67	22.33	22.17	23.00
5	QPSK	12	7	21.44	21.85	21.77	23.00
5	QPSK	12	13	21.35	21.80	21.76	23.00
5	QPSK	25	0	21.27	21.89	21.79	23.00
5	16QAM	1	0	21.26	21.85	21.72	23.00
5	16QAM	1	12	21.35	21.93	21.69	23.00
5	16QAM	1	24	21.65	22.12	21.99	23.00
5	16QAM	12	0	20.58	21.03	20.93	22.00
5	16QAM	12	7	20.46	20.94	20.92	22.00
5	16QAM	12	13	20.46	21.02	20.93	22.00
5	16QAM	25	0	20.41	21.02	20.87	22.00
5	64QAM	1	0	20.92	21.41	21.19	22.00
5	64QAM	1	12	20.85	21.32	21.19	22.00
5	64QAM	1	24	21.04	21.43	21.51	22.00
5	64QAM	12	0	19.68	20.19	20.02	21.00
5	64QAM	12	7	20.09	20.65	20.56	21.00
5	64QAM	12	13	19.82	20.20	20.09	21.00
5	64QAM	25	0	19.73	20.28	20.12	21.00

【LTE Band 7\_Ant 0\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.08	22.58	22.51	
20	QPSK	1	49	21.86	22.37	22.24	23.50
20	QPSK	1	99	21.89	22.35	22.21	23.50
20	QPSK	50	0	21.79	22.34	22.26	23.00
20	QPSK	50	24	21.52	21.98	21.92	23.00
20	QPSK	50	50	21.39	21.94	21.80	23.00
20	QPSK	100	0	21.39	21.94	21.80	23.00
20	16QAM	1	0	21.32	21.91	21.76	23.00
20	16QAM	1	49	21.37	21.96	21.83	23.00
20	16QAM	1	99	21.69	22.22	22.06	23.00
20	16QAM	50	0	20.64	21.12	21.06	22.00
20	16QAM	50	24	20.57	21.09	20.94	22.00
20	16QAM	50	50	20.56	21.07	21.03	22.00
20	16QAM	100	0	20.49	21.04	20.89	22.00
20	64QAM	1	0	20.97	21.44	21.29	22.00
20	64QAM	1	49	20.91	21.37	21.21	22.00
20	64QAM	1	99	21.10	21.56	21.52	22.00
20	64QAM	50	0	19.81	20.25	20.10	21.00
20	64QAM	50	24	20.24	20.75	20.68	21.00
20	64QAM	50	50	19.87	20.34	20.23	21.00
20	64QAM	100	0	19.81	20.30	20.14	21.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.95	22.44	22.42	
15	QPSK	1	37	21.76	22.31	22.15	23.50
15	QPSK	1	74	21.85	22.26	22.07	23.50
15	QPSK	36	0	21.68	22.20	22.17	23.00
15	QPSK	36	20	21.40	21.87	21.81	23.00
15	QPSK	36	39	21.27	21.92	21.71	23.00
15	QPSK	75	0	21.26	21.80	21.75	23.00
15	16QAM	1	0	21.27	21.81	21.68	23.00
15	16QAM	1	37	21.30	21.85	21.79	23.00
15	16QAM	1	74	21.62	22.16	22.00	23.00
15	16QAM	36	0	20.60	21.10	20.92	22.00
15	16QAM	36	20	20.56	21.02	20.93	22.00
15	16QAM	36	39	20.52	21.02	21.01	22.00
15	16QAM	75	0	20.36	20.94	20.83	22.00
15	64QAM	1	0	20.92	21.37	21.18	22.00
15	64QAM	1	37	20.82	21.23	21.13	22.00
15	64QAM	1	74	20.98	21.54	21.48	22.00
15	64QAM	36	0	19.80	20.22	20.03	21.00
15	64QAM	36	20	20.14	20.65	20.57	21.00
15	64QAM	36	39	19.81	20.26	20.13	21.00
15	64QAM	75	0	19.70	20.19	19.99	21.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.93	22.50	22.43	

10	QPSK	1	25	21.72	22.23	22.20	23.50
10	QPSK	1	49	21.74	22.22	22.09	23.50
10	QPSK	25	0	21.70	22.20	22.15	23.00
10	QPSK	25	12	21.46	21.96	21.79	23.00
10	QPSK	25	25	21.33	21.89	21.77	23.00
10	QPSK	50	0	21.36	21.80	21.70	23.00
10	16QAM	1	0	21.18	21.90	21.69	23.00
10	16QAM	1	25	21.29	21.84	21.79	23.00
10	16QAM	1	49	21.68	22.13	21.96	23.00
10	16QAM	25	0	20.61	21.06	21.01	22.00
10	16QAM	25	12	20.51	20.97	20.83	22.00
10	16QAM	25	25	20.51	21.02	20.93	22.00
10	16QAM	50	0	20.47	20.98	20.76	22.00
10	64QAM	1	0	20.93	21.36	21.24	22.00
10	64QAM	1	25	20.88	21.23	21.09	22.00
10	64QAM	1	49	21.08	21.55	21.46	22.00
10	64QAM	25	0	19.79	20.20	20.05	21.00
10	64QAM	25	12	20.22	20.72	20.62	21.00
10	64QAM	25	25	19.74	20.24	20.21	21.00
10	64QAM	50	0	19.68	20.17	20.09	21.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	21.93	22.53	22.50	23.50
5	QPSK	1	12	21.75	22.34	22.23	23.50
5	QPSK	1	24	21.85	22.23	22.15	23.50
5	QPSK	12	0	21.70	22.28	22.16	23.00
5	QPSK	12	7	21.41	21.85	21.81	23.00
5	QPSK	12	13	21.34	21.86	21.69	23.00
5	QPSK	25	0	21.31	21.79	21.69	23.00
5	16QAM	1	0	21.22	21.89	21.67	23.00
5	16QAM	1	12	21.31	21.88	21.81	23.00
5	16QAM	1	24	21.65	22.08	21.95	23.00
5	16QAM	12	0	20.56	21.03	21.01	22.00
5	16QAM	12	7	20.46	21.07	20.81	22.00
5	16QAM	12	13	20.51	20.93	21.00	22.00
5	16QAM	25	0	20.41	20.96	20.81	22.00
5	64QAM	1	0	20.91	21.43	21.20	22.00
5	64QAM	1	12	20.90	21.34	21.19	22.00
5	64QAM	1	24	21.08	21.54	21.42	22.00
5	64QAM	12	0	19.74	20.18	19.97	21.00
5	64QAM	12	7	20.16	20.67	20.63	21.00
5	64QAM	12	13	19.81	20.26	20.19	21.00
5	64QAM	25	0	19.71	20.24	20.11	21.00

【LTE Band 12\_Ant 0\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.38	23.24	23.61	24.00
10	QPSK	1	25	23.26	23.16	23.46	24.00
10	QPSK	1	49	23.16	23.13	23.44	24.00
10	QPSK	25	0	22.70	22.61	22.86	23.00
10	QPSK	25	12	22.70	22.59	22.83	23.00
10	QPSK	25	25	22.49	22.41	22.68	23.00
10	QPSK	50	0	22.65	22.60	22.82	23.00
10	16QAM	1	0	22.91	22.85	23.11	24.00
10	16QAM	1	25	23.15	23.04	23.27	24.00
10	16QAM	1	49	23.04	22.95	23.29	24.00
10	16QAM	25	0	21.71	21.69	21.98	22.00
10	16QAM	25	12	21.69	21.58	21.80	22.00
10	16QAM	25	25	21.40	21.35	21.67	22.00
10	16QAM	50	0	21.70	21.64	21.96	22.00
10	64QAM	1	0	22.90	22.89	23.16	24.00
10	64QAM	1	25	23.06	23.01	23.28	24.00
10	64QAM	1	49	22.82	22.70	22.93	24.00
10	64QAM	25	0	19.45	19.41	19.66	21.00
10	64QAM	25	12	19.33	19.35	19.62	21.00
10	64QAM	25	25	19.23	19.14	19.31	21.00
10	64QAM	50	0	19.28	19.24	19.44	21.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	



5	QPSK	1	0	23.31	23.16	23.54	24.00
5	QPSK	1	12	23.16	23.05	23.41	24.00
5	QPSK	1	24	23.08	23.01	23.33	24.00
5	QPSK	12	0	22.69	22.47	22.79	23.00
5	QPSK	12	7	22.63	22.46	22.77	23.00
5	QPSK	12	13	22.34	22.31	22.59	23.00
5	QPSK	25	0	22.59	22.56	22.67	23.00
5	16QAM	1	0	22.87	22.71	23.01	24.00
5	16QAM	1	12	23.06	23.03	23.20	24.00
5	16QAM	1	24	22.92	22.89	23.23	24.00
5	16QAM	12	0	21.66	21.61	21.86	22.00
5	16QAM	12	7	21.56	21.52	21.71	22.00
5	16QAM	12	13	21.35	21.33	21.65	22.00
5	16QAM	25	0	21.64	21.58	21.86	22.00
5	64QAM	1	0	22.77	22.84	23.06	24.00
5	64QAM	1	12	22.93	22.96	23.16	24.00
5	64QAM	1	24	22.74	22.56	22.78	24.00
5	64QAM	12	0	19.33	19.28	19.54	21.00
5	64QAM	12	7	19.19	19.21	19.53	21.00
5	64QAM	12	13	19.13	19.01	19.26	21.00
5	64QAM	25	0	19.13	19.11	19.36	21.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.33	23.22	23.57	24.00
3	QPSK	1	8	23.13	23.10	23.42	24.00
3	QPSK	1	14	23.14	22.99	23.31	24.00
3	QPSK	8	0	22.62	22.58	22.82	23.00
3	QPSK	8	4	22.69	22.45	22.69	23.00
3	QPSK	8	7	22.45	22.26	22.64	23.00
3	QPSK	15	0	22.53	22.56	22.67	23.00
3	16QAM	1	0	22.77	22.72	23.07	24.00
3	16QAM	1	8	23.03	22.94	23.16	24.00
3	16QAM	1	14	23.00	22.83	23.23	24.00
3	16QAM	8	0	21.63	21.63	21.86	22.00
3	16QAM	8	4	21.62	21.49	21.74	22.00
3	16QAM	8	7	21.31	21.31	21.61	22.00
3	16QAM	15	0	21.65	21.56	21.85	22.00
3	64QAM	1	0	22.80	22.82	23.14	24.00
3	64QAM	1	8	23.03	22.99	23.19	24.00
3	64QAM	1	14	22.76	22.60	22.89	24.00
3	64QAM	8	0	19.43	19.28	19.64	21.00
3	64QAM	8	4	19.21	19.23	19.57	21.00
3	64QAM	8	7	19.17	19.12	19.24	21.00
3	64QAM	15	0	19.24	19.21	19.40	21.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	23.23	23.22	23.47	24.00
1.4	QPSK	1	3	23.19	23.11	23.41	24.00
1.4	QPSK	1	5	23.11	23.12	23.37	24.00
1.4	QPSK	3	0	23.38	23.24	23.60	24.00
1.4	QPSK	3	1	23.38	23.24	23.61	24.00
1.4	QPSK	3	3	23.38	23.22	23.61	24.00
1.4	QPSK	6	0	22.51	22.57	22.80	23.00
1.4	16QAM	1	0	21.87	21.82	22.04	23.00
1.4	16QAM	1	3	22.01	21.96	22.21	23.00
1.4	16QAM	1	5	21.91	21.92	22.21	23.00
1.4	16QAM	3	0	22.58	22.62	22.86	23.00
1.4	16QAM	3	1	22.59	22.52	22.73	23.00
1.4	16QAM	3	3	22.29	22.27	22.53	23.00
1.4	16QAM	6	0	21.61	21.59	21.86	22.00
1.4	64QAM	1	0	20.82	20.77	21.05	22.00
1.4	64QAM	1	3	21.04	20.87	21.20	22.00
1.4	64QAM	1	5	20.69	20.64	20.81	22.00
1.4	64QAM	3	0	20.39	20.27	20.57	22.00
1.4	64QAM	3	1	20.31	20.27	20.54	22.00
1.4	64QAM	3	3	20.20	20.09	20.28	22.00
1.4	64QAM	6	0	19.16	19.17	19.30	21.00

【LTE Band 12\_Ant 0\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	



Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.38	23.24	23.61	24.00
10	QPSK	1	25	23.26	23.16	23.46	24.00
10	QPSK	1	49	23.16	23.13	23.44	24.00
10	QPSK	25	0	22.70	22.61	22.86	23.00
10	QPSK	25	12	22.70	22.59	22.83	23.00
10	QPSK	25	25	22.49	22.41	22.68	23.00
10	QPSK	50	0	22.65	22.60	22.82	23.00
10	16QAM	1	0	22.91	22.85	23.11	24.00
10	16QAM	1	25	23.15	23.04	23.27	24.00
10	16QAM	1	49	23.04	22.95	23.29	24.00
10	16QAM	25	0	21.71	21.69	21.98	22.00
10	16QAM	25	12	21.69	21.58	21.80	22.00
10	16QAM	25	25	21.40	21.35	21.67	22.00
10	16QAM	50	0	21.70	21.64	21.96	22.00
10	64QAM	1	0	22.90	22.89	23.16	24.00
10	64QAM	1	25	23.06	23.01	23.28	24.00
10	64QAM	1	49	22.82	22.70	22.93	24.00
10	64QAM	25	0	19.45	19.41	19.66	21.00
10	64QAM	25	12	19.33	19.35	19.62	21.00
10	64QAM	25	25	19.23	19.14	19.31	21.00
10	64QAM	50	0	19.28	19.24	19.44	21.00
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	(dBm)
5	QPSK	1	0	23.31	23.16	23.54	24.00
5	QPSK	1	12	23.16	23.05	23.41	24.00
5	QPSK	1	24	23.08	23.01	23.33	24.00
5	QPSK	12	0	22.69	22.47	22.79	23.00
5	QPSK	12	7	22.63	22.46	22.77	23.00
5	QPSK	12	13	22.34	22.31	22.59	23.00
5	QPSK	25	0	22.59	22.56	22.67	23.00
5	16QAM	1	0	22.87	22.71	23.01	24.00
5	16QAM	1	12	23.06	23.03	23.20	24.00
5	16QAM	1	24	22.92	22.89	23.23	24.00
5	16QAM	12	0	21.66	21.61	21.86	22.00
5	16QAM	12	7	21.56	21.52	21.71	22.00
5	16QAM	12	13	21.35	21.33	21.65	22.00
5	16QAM	25	0	21.64	21.58	21.86	22.00
5	64QAM	1	0	22.77	22.84	23.06	24.00
5	64QAM	1	12	22.93	22.96	23.16	24.00
5	64QAM	1	24	22.74	22.56	22.78	24.00
5	64QAM	12	0	19.33	19.28	19.54	21.00
5	64QAM	12	7	19.19	19.21	19.53	21.00
5	64QAM	12	13	19.13	19.01	19.26	21.00
5	64QAM	25	0	19.13	19.11	19.36	21.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.33	23.22	23.57	24.00
3	QPSK	1	8	23.13	23.10	23.42	24.00
3	QPSK	1	14	23.14	22.99	23.31	24.00
3	QPSK	8	0	22.62	22.58	22.82	23.00
3	QPSK	8	4	22.69	22.45	22.69	23.00
3	QPSK	8	7	22.45	22.26	22.64	23.00
3	QPSK	15	0	22.53	22.56	22.67	23.00
3	16QAM	1	0	22.77	22.72	23.07	24.00
3	16QAM	1	8	23.03	22.94	23.16	24.00
3	16QAM	1	14	23.00	22.83	23.23	24.00
3	16QAM	8	0	21.63	21.63	21.86	22.00
3	16QAM	8	4	21.62	21.49	21.74	22.00
3	16QAM	8	7	21.31	21.31	21.61	22.00
3	16QAM	15	0	21.65	21.56	21.85	22.00
3	64QAM	1	0	22.80	22.82	23.14	24.00
3	64QAM	1	8	23.03	22.99	23.19	24.00
3	64QAM	1	14	22.76	22.60	22.89	24.00
3	64QAM	8	0	19.43	19.28	19.64	21.00
3	64QAM	8	4	19.21	19.23	19.57	21.00
3	64QAM	8	7	19.17	19.12	19.24	21.00
3	64QAM	15	0	19.24	19.21	19.40	21.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	23.23	23.22	23.47	24.00
1.4	QPSK	1	3	23.19	23.11	23.41	24.00
1.4	QPSK	1	5	23.11	23.12	23.37	24.00
1.4	QPSK	3	0	23.38	23.24	23.60	24.00
1.4	QPSK	3	1	23.38	23.24	23.61	24.00
1.4	QPSK	3	3	23.38	23.22	23.61	24.00
1.4	QPSK	6	0	22.51	22.57	22.80	23.00
1.4	16QAM	1	0	21.87	21.82	22.04	23.00

1.4	16QAM	1	3	22.01	21.96	22.21	23.00
1.4	16QAM	1	5	21.91	21.92	22.21	23.00
1.4	16QAM	3	0	22.58	22.62	22.86	23.00
1.4	16QAM	3	1	22.59	22.52	22.73	23.00
1.4	16QAM	3	3	22.29	22.27	22.53	23.00
1.4	16QAM	6	0	21.61	21.59	21.86	22.00
1.4	64QAM	1	0	20.82	20.77	21.05	22.00
1.4	64QAM	1	3	21.04	20.87	21.20	22.00
1.4	64QAM	1	5	20.69	20.64	20.81	22.00
1.4	64QAM	3	0	20.39	20.27	20.57	22.00
1.4	64QAM	3	1	20.31	20.27	20.54	22.00
1.4	64QAM	3	3	20.20	20.09	20.28	22.00
1.4	64QAM	6	0	19.16	19.17	19.30	21.00

【LTE Band 12\_Ant 0\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.38	23.24	23.61	24.00
10	QPSK	1	25	23.26	23.16	23.46	24.00
10	QPSK	1	49	23.16	23.13	23.44	24.00
10	QPSK	25	0	22.70	22.61	22.86	23.00
10	QPSK	25	12	22.70	22.59	22.83	23.00
10	QPSK	25	25	22.49	22.41	22.68	23.00
10	QPSK	50	0	22.65	22.60	22.82	23.00
10	16QAM	1	0	22.91	22.85	23.11	24.00
10	16QAM	1	25	23.15	23.04	23.27	24.00
10	16QAM	1	49	23.04	22.95	23.29	24.00
10	16QAM	25	0	21.71	21.69	21.98	22.00
10	16QAM	25	12	21.69	21.58	21.80	22.00
10	16QAM	25	25	21.40	21.35	21.67	22.00
10	16QAM	50	0	21.70	21.64	21.96	22.00
10	64QAM	1	0	22.90	22.89	23.16	24.00
10	64QAM	1	25	23.06	23.01	23.28	24.00
10	64QAM	1	49	22.82	22.70	22.93	24.00
10	64QAM	25	0	19.45	19.41	19.66	21.00
10	64QAM	25	12	19.33	19.35	19.62	21.00
10	64QAM	25	25	19.23	19.14	19.31	21.00
10	64QAM	50	0	19.28	19.24	19.44	21.00
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	(dBm)
5	QPSK	1	0	23.31	23.16	23.54	24.00
5	QPSK	1	12	23.16	23.05	23.41	24.00
5	QPSK	1	24	23.08	23.01	23.33	24.00
5	QPSK	12	0	22.69	22.47	22.79	23.00
5	QPSK	12	7	22.63	22.46	22.77	23.00
5	QPSK	12	13	22.34	22.31	22.59	23.00
5	QPSK	25	0	22.59	22.56	22.67	23.00
5	16QAM	1	0	22.87	22.71	23.01	24.00
5	16QAM	1	12	23.06	23.03	23.20	24.00
5	16QAM	1	24	22.92	22.89	23.23	24.00
5	16QAM	12	0	21.66	21.61	21.86	22.00
5	16QAM	12	7	21.56	21.52	21.71	22.00
5	16QAM	12	13	21.35	21.33	21.65	22.00
5	16QAM	25	0	21.64	21.58	21.86	22.00
5	64QAM	1	0	22.77	22.84	23.06	24.00
5	64QAM	1	12	22.93	22.96	23.16	24.00
5	64QAM	1	24	22.74	22.56	22.78	24.00
5	64QAM	12	0	19.33	19.28	19.54	21.00
5	64QAM	12	7	19.19	19.21	19.53	21.00
5	64QAM	12	13	19.13	19.01	19.26	21.00
5	64QAM	25	0	19.13	19.11	19.36	21.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.33	23.22	23.57	24.00
3	QPSK	1	8	23.13	23.10	23.42	24.00
3	QPSK	1	14	23.14	22.99	23.31	24.00
3	QPSK	8	0	22.62	22.58	22.82	23.00
3	QPSK	8	4	22.69	22.45	22.69	23.00
3	QPSK	8	7	22.45	22.26	22.64	23.00
3	QPSK	15	0	22.53	22.56	22.67	23.00

3	16QAM	1	0	22.77	22.72	23.07	24.00
3	16QAM	1	8	23.03	22.94	23.16	24.00
3	16QAM	1	14	23.00	22.83	23.23	24.00
3	16QAM	8	0	21.63	21.63	21.86	22.00
3	16QAM	8	4	21.62	21.49	21.74	22.00
3	16QAM	8	7	21.31	21.31	21.61	22.00
3	16QAM	15	0	21.65	21.56	21.85	22.00
3	64QAM	1	0	22.80	22.82	23.14	24.00
3	64QAM	1	8	23.03	22.99	23.19	24.00
3	64QAM	1	14	22.76	22.60	22.89	24.00
3	64QAM	8	0	19.43	19.28	19.64	21.00
3	64QAM	8	4	19.21	19.23	19.57	21.00
3	64QAM	8	7	19.17	19.12	19.24	21.00
3	64QAM	15	0	19.24	19.21	19.40	21.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	23.23	23.22	23.47	24.00
1.4	QPSK	1	3	23.19	23.11	23.41	24.00
1.4	QPSK	1	5	23.11	23.12	23.37	24.00
1.4	QPSK	3	0	23.38	23.24	23.60	24.00
1.4	QPSK	3	1	23.38	23.24	23.61	24.00
1.4	QPSK	3	3	23.38	23.22	23.61	24.00
1.4	QPSK	6	0	22.51	22.57	22.80	23.00
1.4	16QAM	1	0	21.87	21.82	22.04	23.00
1.4	16QAM	1	3	22.01	21.96	22.21	23.00
1.4	16QAM	1	5	21.91	21.92	22.21	23.00
1.4	16QAM	3	0	22.58	22.62	22.86	23.00
1.4	16QAM	3	1	22.59	22.52	22.73	23.00
1.4	16QAM	3	3	22.29	22.27	22.53	23.00
1.4	16QAM	6	0	21.61	21.59	21.86	22.00
1.4	64QAM	1	0	20.82	20.77	21.05	22.00
1.4	64QAM	1	3	21.04	20.87	21.20	22.00
1.4	64QAM	1	5	20.69	20.64	20.81	22.00
1.4	64QAM	3	0	20.39	20.27	20.57	22.00
1.4	64QAM	3	1	20.31	20.27	20.54	22.00
1.4	64QAM	3	3	20.20	20.09	20.28	22.00
1.4	64QAM	6	0	19.16	19.17	19.30	21.00

【LTE Band 13\_Ant 0\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.46		24.00
10	QPSK	1	25		23.34		24.00
10	QPSK	1	49		23.41		24.00
10	QPSK	25	0		22.44		23.00
10	QPSK	25	12		22.35		23.00
10	QPSK	25	25		22.41		23.00
10	QPSK	50	0		22.36		23.00
10	16QAM	1	0		22.41		23.00
10	16QAM	1	25		22.30		23.00
10	16QAM	1	49		22.46		23.00
10	16QAM	25	0		21.68		22.00
10	16QAM	25	12		21.62		22.00
10	16QAM	25	25		21.81		22.00
10	16QAM	50	0		21.43		22.00
10	64QAM	1	0		21.85		22.00
10	64QAM	1	25		21.76		22.00
10	64QAM	1	49		21.87		22.00
10	64QAM	25	0		20.51		21.00
10	64QAM	25	12		20.63		21.00
10	64QAM	25	25		20.44		21.00
10	64QAM	50	0		20.50		21.00
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	23.31	23.37	23.12	24.00
5	QPSK	1	12	23.14	23.27	22.93	24.00
5	QPSK	1	24	23.28	23.36	23.04	24.00
5	QPSK	12	0	22.19	22.29	21.97	23.00
5	QPSK	12	7	22.16	22.24	21.92	23.00
5	QPSK	12	13	22.16	22.30	21.99	23.00

5	QPSK	25	0	22.09	22.26	21.90	23.00
5	16QAM	1	0	22.21	22.33	21.96	23.00
5	16QAM	1	12	22.08	22.24	21.89	23.00
5	16QAM	1	24	22.25	22.40	22.12	23.00
5	16QAM	12	0	21.42	21.58	21.31	22.00
5	16QAM	12	7	21.37	21.53	21.24	22.00
5	16QAM	12	13	21.55	21.73	21.44	22.00
5	16QAM	25	0	21.23	21.34	21.04	22.00
5	64QAM	1	0	21.72	21.79	21.52	22.00
5	64QAM	1	12	21.50	21.65	21.32	22.00
5	64QAM	1	24	21.56	21.73	21.48	22.00
5	64QAM	12	0	20.33	20.45	20.21	21.00
5	64QAM	12	7	20.33	20.53	20.22	21.00
5	64QAM	12	13	20.19	20.36	20.09	21.00
5	64QAM	25	0	20.26	20.42	20.12	21.00

【LTE Band 13\_Ant 0\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.46		24.00
10	QPSK	1	25		23.34		24.00
10	QPSK	1	49		23.41		24.00
10	QPSK	25	0		22.44		23.00
10	QPSK	25	12		22.35		23.00
10	QPSK	25	25		22.41		23.00
10	QPSK	50	0		22.36		23.00
10	16QAM	1	0		22.41		23.00
10	16QAM	1	25		22.30		23.00
10	16QAM	1	49		22.46		23.00
10	16QAM	25	0		21.68		22.00
10	16QAM	25	12		21.62		22.00
10	16QAM	25	25		21.81		22.00
10	16QAM	50	0		21.43		22.00
10	64QAM	1	0		21.85		22.00
10	64QAM	1	25		21.76		22.00
10	64QAM	1	49		21.87		22.00
10	64QAM	25	0		20.51		21.00
10	64QAM	25	12		20.63		21.00
10	64QAM	25	25		20.44		21.00
10	64QAM	50	0		20.50		21.00
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	23.31	23.37	23.12	24.00
5	QPSK	1	12	23.14	23.27	22.93	24.00
5	QPSK	1	24	23.28	23.36	23.04	24.00
5	QPSK	12	0	22.19	22.29	21.97	23.00
5	QPSK	12	7	22.16	22.24	21.92	23.00
5	QPSK	12	13	22.16	22.30	21.99	23.00
5	QPSK	25	0	22.09	22.26	21.90	23.00
5	16QAM	1	0	22.21	22.33	21.96	23.00
5	16QAM	1	12	22.08	22.24	21.89	23.00
5	16QAM	1	24	22.25	22.40	22.12	23.00
5	16QAM	12	0	21.42	21.58	21.31	22.00
5	16QAM	12	7	21.37	21.53	21.24	22.00
5	16QAM	12	13	21.55	21.73	21.44	22.00
5	16QAM	25	0	21.23	21.34	21.04	22.00
5	64QAM	1	0	21.72	21.79	21.52	22.00
5	64QAM	1	12	21.50	21.65	21.32	22.00
5	64QAM	1	24	21.56	21.73	21.48	22.00
5	64QAM	12	0	20.33	20.45	20.21	21.00
5	64QAM	12	7	20.33	20.53	20.22	21.00
5	64QAM	12	13	20.19	20.36	20.09	21.00
5	64QAM	25	0	20.26	20.42	20.12	21.00

【LTE Band 13\_Ant 0\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.46		24.00
10	QPSK	1	25		23.34		24.00
10	QPSK	1	49		23.41		24.00
10	QPSK	25	0		22.44		23.00
10	QPSK	25	12		22.35		23.00
10	QPSK	25	25		22.41		23.00
10	QPSK	50	0		22.36		23.00
10	16QAM	1	0		22.41		23.00
10	16QAM	1	25		22.30		23.00
10	16QAM	1	49		22.46		23.00
10	16QAM	25	0		21.68		22.00
10	16QAM	25	12		21.62		22.00
10	16QAM	25	25		21.81		22.00
10	16QAM	50	0		21.43		22.00
10	64QAM	1	0		21.85		22.00
10	64QAM	1	25		21.76		22.00
10	64QAM	1	49		21.87		22.00
10	64QAM	25	0		20.51		21.00
10	64QAM	25	12		20.63		21.00
10	64QAM	25	25		20.44		21.00
10	64QAM	50	0		20.50		21.00
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.31	23.37	23.12	24.00
5	QPSK	1	12	23.14	23.27	22.93	24.00
5	QPSK	1	24	23.28	23.36	23.04	24.00
5	QPSK	12	0	22.19	22.29	21.97	23.00
5	QPSK	12	7	22.16	22.24	21.92	23.00
5	QPSK	12	13	22.16	22.30	21.99	23.00
5	QPSK	25	0	22.09	22.26	21.90	23.00
5	16QAM	1	0	22.21	22.33	21.96	23.00
5	16QAM	1	12	22.08	22.24	21.89	23.00
5	16QAM	1	24	22.25	22.40	22.12	23.00
5	16QAM	12	0	21.42	21.58	21.31	22.00
5	16QAM	12	7	21.37	21.53	21.24	22.00
5	16QAM	12	13	21.55	21.73	21.44	22.00
5	16QAM	25	0	21.23	21.34	21.04	22.00
5	64QAM	1	0	21.72	21.79	21.52	22.00
5	64QAM	1	12	21.50	21.65	21.32	22.00
5	64QAM	1	24	21.56	21.73	21.48	22.00
5	64QAM	12	0	20.33	20.45	20.21	21.00
5	64QAM	12	7	20.33	20.53	20.22	21.00
5	64QAM	12	13	20.19	20.36	20.09	21.00
5	64QAM	25	0	20.26	20.42	20.12	21.00

【LTE Band 17\_Ant 0\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.04	23.11	22.94	24.00
10	QPSK	1	25	22.70	22.83	22.63	24.00
10	QPSK	1	49	22.68	22.78	22.57	24.00
10	QPSK	25	0	22.22	22.37	22.09	23.00
10	QPSK	25	12	22.09	22.23	21.94	23.00
10	QPSK	25	25	22.04	22.19	21.95	23.00
10	QPSK	50	0	22.25	22.40	22.16	23.00
10	16QAM	1	0	22.43	22.61	22.33	23.00
10	16QAM	1	25	22.27	22.46	22.21	23.00
10	16QAM	1	49	22.24	22.39	22.10	23.00
10	16QAM	25	0	21.73	21.82	21.61	22.00
10	16QAM	25	12	21.55	21.71	21.46	22.00
10	16QAM	25	25	21.51	21.67	21.45	22.00
10	16QAM	50	0	21.45	21.56	21.32	22.00
10	64QAM	1	0	21.42	21.51	21.29	22.00
10	64QAM	1	25	21.06	21.26	21.08	22.00
10	64QAM	1	49	20.89	21.08	20.83	22.00

10	64QAM	25	0	19.01	19.20	19.01	21.00
10	64QAM	25	12	19.01	19.12	19.00	21.00
10	64QAM	25	25	19.01	19.07	19.00	21.00
10	64QAM	50	0	19.00	19.04	19.01	21.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.96	23.03	22.84	24.00
5	QPSK	1	12	22.69	22.71	22.61	24.00
5	QPSK	1	24	22.61	22.70	22.48	24.00
5	QPSK	12	0	22.16	22.30	21.99	23.00
5	QPSK	12	7	22.08	22.08	21.89	23.00
5	QPSK	12	13	22.01	22.15	21.81	23.00
5	QPSK	25	0	22.19	22.37	22.03	23.00
5	16QAM	1	0	22.35	22.55	22.32	23.00
5	16QAM	1	12	22.18	22.39	22.08	23.00
5	16QAM	1	24	22.22	22.32	21.97	23.00
5	16QAM	12	0	21.71	21.75	21.58	22.00
5	16QAM	12	7	21.45	21.61	21.43	22.00
5	16QAM	12	13	21.44	21.58	21.36	22.00
5	16QAM	25	0	21.39	21.50	21.29	22.00
5	64QAM	1	0	21.28	21.50	21.26	22.00
5	64QAM	1	12	20.92	21.16	21.03	22.00
5	64QAM	1	24	20.87	21.05	20.70	22.00
5	64QAM	12	0	19.00	19.09	19.01	21.00
5	64QAM	12	7	19.00	19.03	19.01	21.00
5	64QAM	12	13	19.00	19.02	19.02	21.00
5	64QAM	25	0	19.00	19.00	19.00	21.00

【LTE Band 17\_Ant 0\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.04	23.11	22.94	24.00
10	QPSK	1	25	22.70	22.83	22.63	24.00
10	QPSK	1	49	22.68	22.78	22.57	24.00
10	QPSK	25	0	22.22	22.37	22.09	23.00
10	QPSK	25	12	22.09	22.23	21.94	23.00
10	QPSK	25	25	22.04	22.19	21.95	23.00
10	QPSK	50	0	22.25	22.40	22.16	23.00
10	16QAM	1	0	22.43	22.61	22.33	23.00
10	16QAM	1	25	22.27	22.46	22.21	23.00
10	16QAM	1	49	22.24	22.39	22.10	23.00
10	16QAM	25	0	21.73	21.82	21.61	22.00
10	16QAM	25	12	21.55	21.71	21.46	22.00
10	16QAM	25	25	21.51	21.67	21.45	22.00
10	16QAM	50	0	21.45	21.56	21.32	22.00
10	64QAM	1	0	21.42	21.51	21.29	22.00
10	64QAM	1	25	21.06	21.26	21.08	22.00
10	64QAM	1	49	20.89	21.08	20.83	22.00
10	64QAM	25	0	19.01	19.20	19.01	21.00
10	64QAM	25	12	19.01	19.12	19.00	21.00
10	64QAM	25	25	19.01	19.07	19.00	21.00
10	64QAM	50	0	19.00	19.04	19.01	21.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.96	23.03	22.84	24.00
5	QPSK	1	12	22.69	22.71	22.61	24.00
5	QPSK	1	24	22.61	22.70	22.48	24.00
5	QPSK	12	0	22.16	22.30	21.99	23.00
5	QPSK	12	7	22.08	22.08	21.89	23.00
5	QPSK	12	13	22.01	22.15	21.81	23.00
5	QPSK	25	0	22.19	22.37	22.03	23.00
5	16QAM	1	0	22.35	22.55	22.32	23.00
5	16QAM	1	12	22.18	22.39	22.08	23.00
5	16QAM	1	24	22.22	22.32	21.97	23.00
5	16QAM	12	0	21.71	21.75	21.58	22.00
5	16QAM	12	7	21.45	21.61	21.43	22.00
5	16QAM	12	13	21.44	21.58	21.36	22.00
5	16QAM	25	0	21.39	21.50	21.29	22.00
5	64QAM	1	0	21.28	21.50	21.26	22.00
5	64QAM	1	12	20.92	21.16	21.03	22.00

5	64QAM	1	24	20.87	21.05	20.70	22.00
5	64QAM	12	0	19.00	19.09	19.01	21.00
5	64QAM	12	7	19.00	19.03	19.01	21.00
5	64QAM	12	13	19.00	19.02	19.02	21.00
5	64QAM	25	0	19.00	19.00	19.00	21.00

【LTE Band 17\_Ant 0\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.04	23.11	22.94	24.00
10	QPSK	1	25	22.70	22.83	22.63	24.00
10	QPSK	1	49	22.68	22.78	22.57	24.00
10	QPSK	25	0	22.22	22.37	22.09	23.00
10	QPSK	25	12	22.09	22.23	21.94	23.00
10	QPSK	25	25	22.04	22.19	21.95	23.00
10	QPSK	50	0	22.25	22.40	22.16	23.00
10	16QAM	1	0	22.43	22.61	22.33	23.00
10	16QAM	1	25	22.27	22.46	22.21	23.00
10	16QAM	1	49	22.24	22.39	22.10	23.00
10	16QAM	25	0	21.73	21.82	21.61	22.00
10	16QAM	25	12	21.55	21.71	21.46	22.00
10	16QAM	25	25	21.51	21.67	21.45	22.00
10	16QAM	50	0	21.45	21.56	21.32	22.00
10	64QAM	1	0	21.42	21.51	21.29	22.00
10	64QAM	1	25	21.06	21.26	21.08	22.00
10	64QAM	1	49	20.89	21.08	20.83	22.00
10	64QAM	25	0	19.01	19.20	19.01	21.00
10	64QAM	25	12	19.01	19.12	19.00	21.00
10	64QAM	25	25	19.01	19.07	19.00	21.00
10	64QAM	50	0	19.00	19.04	19.01	21.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.96	23.03	22.84	24.00
5	QPSK	1	12	22.69	22.71	22.61	24.00
5	QPSK	1	24	22.61	22.70	22.48	24.00
5	QPSK	12	0	22.16	22.30	21.99	23.00
5	QPSK	12	7	22.08	22.08	21.89	23.00
5	QPSK	12	13	22.01	22.15	21.81	23.00
5	QPSK	25	0	22.19	22.37	22.03	23.00
5	16QAM	1	0	22.35	22.55	22.32	23.00
5	16QAM	1	12	22.18	22.39	22.08	23.00
5	16QAM	1	24	22.22	22.32	21.97	23.00
5	16QAM	12	0	21.71	21.75	21.58	22.00
5	16QAM	12	7	21.45	21.61	21.43	22.00
5	16QAM	12	13	21.44	21.58	21.36	22.00
5	16QAM	25	0	21.39	21.50	21.29	22.00
5	64QAM	1	0	21.28	21.50	21.26	22.00
5	64QAM	1	12	20.92	21.16	21.03	22.00
5	64QAM	1	24	20.87	21.05	20.70	22.00
5	64QAM	12	0	19.00	19.09	19.01	21.00
5	64QAM	12	7	19.00	19.03	19.01	21.00
5	64QAM	12	13	19.00	19.02	19.02	21.00
5	64QAM	25	0	19.00	19.00	19.00	21.00

【LTE Band 25\_Ant 0\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.61	22.71	22.63	24.00
20	QPSK	1	49	22.31	22.45	22.32	24.00
20	QPSK	1	99	22.38	22.61	22.50	24.00
20	QPSK	50	0	21.47	21.71	21.49	23.00
20	QPSK	50	24	21.50	21.65	21.52	23.00
20	QPSK	50	50	21.56	21.67	21.52	23.00



20	QPSK	100	0	21.25	21.47	21.38	23.00
20	16QAM	1	0	21.85	22.08	21.93	23.00
20	16QAM	1	49	21.85	22.06	21.89	23.00
20	16QAM	1	99	22.14	22.34	22.14	23.00
20	16QAM	50	0	20.35	20.55	20.41	22.00
20	16QAM	50	24	20.30	20.52	20.38	22.00
20	16QAM	50	50	20.53	20.67	20.51	22.00
20	16QAM	100	0	20.41	20.57	20.45	22.00
20	64QAM	1	0	20.24	20.47	20.35	22.00
20	64QAM	1	49	20.31	20.42	20.22	22.00
20	64QAM	1	99	20.46	20.57	20.49	22.00
20	64QAM	50	0	19.05	19.26	19.11	21.00
20	64QAM	50	24	19.57	19.72	19.50	21.00
20	64QAM	50	50	19.44	19.60	19.50	21.00
20	64QAM	100	0	19.36	19.47	19.29	21.00
Channel				26115	26340	26615	Tune-up limit
Frequency (MHz)				1857.5	1880	1907.5	(dBm)
15	QPSK	1	0	22.50	22.56	22.59	24.00
15	QPSK	1	37	22.28	22.33	22.25	24.00
15	QPSK	1	74	22.25	22.53	22.46	24.00
15	QPSK	36	0	21.43	21.57	21.36	23.00
15	QPSK	36	20	21.40	21.53	21.39	23.00
15	QPSK	36	39	21.49	21.65	21.40	23.00
15	QPSK	75	0	21.20	21.35	21.37	23.00
15	16QAM	1	0	21.82	22.00	21.85	23.00
15	16QAM	1	37	21.83	21.96	21.82	23.00
15	16QAM	1	74	22.12	22.28	22.02	23.00
15	16QAM	36	0	20.25	20.46	20.27	22.00
15	16QAM	36	20	20.17	20.40	20.33	22.00
15	16QAM	36	39	20.40	20.53	20.49	22.00
15	16QAM	75	0	20.32	20.52	20.40	22.00
15	64QAM	1	0	20.11	20.40	20.32	22.00
15	64QAM	1	37	20.26	20.37	20.15	22.00
15	64QAM	1	74	20.41	20.54	20.42	22.00
15	64QAM	36	0	19.01	19.15	19.00	21.00
15	64QAM	36	20	19.47	19.62	19.38	21.00
15	64QAM	36	39	19.34	19.55	19.49	21.00
15	64QAM	75	0	19.23	19.39	19.22	21.00
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	22.52	22.59	22.51	24.00
10	QPSK	1	25	22.28	22.32	22.30	24.00
10	QPSK	1	49	22.37	22.54	22.48	24.00
10	QPSK	25	0	21.41	21.68	21.38	23.00
10	QPSK	25	12	21.38	21.62	21.42	23.00
10	QPSK	25	25	21.46	21.54	21.50	23.00
10	QPSK	50	0	21.23	21.41	21.32	23.00
10	16QAM	1	0	21.74	22.02	21.85	23.00
10	16QAM	1	25	21.74	21.97	21.80	23.00
10	16QAM	1	49	22.04	22.28	22.04	23.00
10	16QAM	25	0	20.20	20.41	20.31	22.00
10	16QAM	25	12	20.24	20.47	20.37	22.00
10	16QAM	25	25	20.43	20.56	20.38	22.00
10	16QAM	50	0	20.35	20.52	20.33	22.00
10	64QAM	1	0	20.21	20.37	20.28	22.00
10	64QAM	1	25	20.23	20.33	20.20	22.00
10	64QAM	1	49	20.42	20.45	20.44	22.00
10	64QAM	25	0	19.00	19.24	19.00	21.00
10	64QAM	25	12	19.46	19.67	19.49	21.00
10	64QAM	25	25	19.32	19.49	19.36	21.00
10	64QAM	50	0	19.34	19.34	19.17	21.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	22.47	22.67	22.55	24.00
5	QPSK	1	12	22.23	22.40	22.21	24.00
5	QPSK	1	24	22.25	22.59	22.35	24.00
5	QPSK	12	0	21.36	21.61	21.36	23.00
5	QPSK	12	7	21.36	21.52	21.50	23.00
5	QPSK	12	13	21.41	21.55	21.40	23.00
5	QPSK	25	0	21.16	21.45	21.31	23.00
5	16QAM	1	0	21.77	21.99	21.91	23.00
5	16QAM	1	12	21.70	21.98	21.84	23.00
5	16QAM	1	24	22.02	22.23	22.03	23.00
5	16QAM	12	0	20.23	20.43	20.38	22.00
5	16QAM	12	7	20.25	20.42	20.25	22.00
5	16QAM	12	13	20.42	20.56	20.38	22.00
5	16QAM	25	0	20.35	20.50	20.33	22.00
5	64QAM	1	0	20.21	20.41	20.30	22.00

5	64QAM	1	12	20.23	20.38	20.09	22.00
5	64QAM	1	24	20.42	20.42	20.46	22.00
5	64QAM	12	0	19.01	19.24	19.01	21.00
5	64QAM	12	7	19.51	19.62	19.44	21.00
5	64QAM	12	13	19.38	19.54	19.37	21.00
5	64QAM	25	0	19.29	19.42	19.20	21.00
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	22.46	22.61	22.58	24.00
3	QPSK	1	8	22.25	22.31	22.28	24.00
3	QPSK	1	14	22.26	22.54	22.49	24.00
3	QPSK	8	0	21.37	21.63	21.38	23.00
3	QPSK	8	4	21.36	21.59	21.50	23.00
3	QPSK	8	7	21.52	21.65	21.41	23.00
3	QPSK	15	0	21.16	21.42	21.30	23.00
3	16QAM	1	0	21.76	21.94	21.81	23.00
3	16QAM	1	8	21.83	22.03	21.78	23.00
3	16QAM	1	14	21.99	22.27	22.04	23.00
3	16QAM	8	0	20.27	20.45	20.34	22.00
3	16QAM	8	4	20.16	20.45	20.33	22.00
3	16QAM	8	7	20.46	20.66	20.48	22.00
3	16QAM	15	0	20.37	20.54	20.38	22.00
3	64QAM	1	0	20.16	20.44	20.24	22.00
3	64QAM	1	8	20.23	20.32	20.07	22.00
3	64QAM	1	14	20.39	20.44	20.39	22.00
3	64QAM	8	0	19.02	19.24	19.01	21.00
3	64QAM	8	4	19.45	19.60	19.37	21.00
3	64QAM	8	7	19.33	19.48	19.42	21.00
3	64QAM	15	0	19.35	19.41	19.14	21.00
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.51	22.63	22.51	24.00
1.4	QPSK	1	3	22.27	22.43	22.21	24.00
1.4	QPSK	1	5	22.31	22.50	22.45	24.00
1.4	QPSK	3	0	22.42	22.57	22.41	24.00
1.4	QPSK	3	1	22.43	22.60	22.42	24.00
1.4	QPSK	3	3	22.51	22.55	22.41	24.00
1.4	QPSK	6	0	21.19	21.38	21.35	23.00
1.4	16QAM	1	0	21.77	21.98	21.85	23.00
1.4	16QAM	1	3	21.83	22.00	21.76	23.00
1.4	16QAM	1	5	22.08	22.21	22.07	23.00
1.4	16QAM	3	0	21.30	21.44	21.38	23.00
1.4	16QAM	3	1	21.16	21.50	21.31	23.00
1.4	16QAM	3	3	21.38	21.57	21.45	23.00
1.4	16QAM	6	0	20.33	20.43	20.36	22.00
1.4	64QAM	1	0	20.15	20.46	20.27	22.00
1.4	64QAM	1	3	20.20	20.37	20.08	22.00
1.4	64QAM	1	5	20.39	20.43	20.43	22.00
1.4	64QAM	3	0	20.02	20.17	20.01	22.00
1.4	64QAM	3	1	20.55	20.71	20.45	22.00
1.4	64QAM	3	3	20.37	20.55	20.39	22.00
1.4	64QAM	6	0	19.34	19.41	19.27	21.00

【LTE Band 25\_Ant 0\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.61	22.71	22.63	24.00
20	QPSK	1	49	22.31	22.45	22.32	24.00
20	QPSK	1	99	22.38	22.61	22.50	24.00
20	QPSK	50	0	21.47	21.71	21.49	23.00
20	QPSK	50	24	21.50	21.65	21.52	23.00
20	QPSK	50	50	21.56	21.67	21.52	23.00
20	QPSK	100	0	21.25	21.47	21.38	23.00
20	16QAM	1	0	21.85	22.08	21.93	23.00
20	16QAM	1	49	21.85	22.06	21.89	23.00
20	16QAM	1	99	22.14	22.34	22.14	23.00
20	16QAM	50	0	20.35	20.55	20.41	22.00
20	16QAM	50	24	20.30	20.52	20.38	22.00
20	16QAM	50	50	20.53	20.67	20.51	22.00
20	16QAM	100	0	20.41	20.57	20.45	22.00



20	64QAM	1	0	20.24	20.47	20.35	22.00
20	64QAM	1	49	20.31	20.42	20.22	22.00
20	64QAM	1	99	20.46	20.57	20.49	22.00
20	64QAM	50	0	19.05	19.26	19.11	21.00
20	64QAM	50	24	19.57	19.72	19.50	21.00
20	64QAM	50	50	19.44	19.60	19.50	21.00
20	64QAM	100	0	19.36	19.47	19.29	21.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	22.50	22.56	22.59	24.00
15	QPSK	1	37	22.28	22.33	22.25	24.00
15	QPSK	1	74	22.25	22.53	22.46	24.00
15	QPSK	36	0	21.43	21.57	21.36	23.00
15	QPSK	36	20	21.40	21.53	21.39	23.00
15	QPSK	36	39	21.49	21.65	21.40	23.00
15	QPSK	75	0	21.20	21.35	21.37	23.00
15	16QAM	1	0	21.82	22.00	21.85	23.00
15	16QAM	1	37	21.83	21.96	21.82	23.00
15	16QAM	1	74	22.12	22.28	22.02	23.00
15	16QAM	36	0	20.25	20.46	20.27	22.00
15	16QAM	36	20	20.17	20.40	20.33	22.00
15	16QAM	36	39	20.40	20.53	20.49	22.00
15	16QAM	75	0	20.32	20.52	20.40	22.00
15	64QAM	1	0	20.11	20.40	20.32	22.00
15	64QAM	1	37	20.26	20.37	20.15	22.00
15	64QAM	1	74	20.41	20.54	20.42	22.00
15	64QAM	36	0	19.01	19.15	19.00	21.00
15	64QAM	36	20	19.47	19.62	19.38	21.00
15	64QAM	36	39	19.34	19.55	19.49	21.00
15	64QAM	75	0	19.23	19.39	19.22	21.00
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.52	22.59	22.51	24.00
10	QPSK	1	25	22.28	22.32	22.30	24.00
10	QPSK	1	49	22.37	22.54	22.48	24.00
10	QPSK	25	0	21.41	21.68	21.38	23.00
10	QPSK	25	12	21.38	21.62	21.42	23.00
10	QPSK	25	25	21.46	21.54	21.50	23.00
10	QPSK	50	0	21.23	21.41	21.32	23.00
10	16QAM	1	0	21.74	22.02	21.85	23.00
10	16QAM	1	25	21.74	21.97	21.80	23.00
10	16QAM	1	49	22.04	22.28	22.04	23.00
10	16QAM	25	0	20.20	20.41	20.31	22.00
10	16QAM	25	12	20.24	20.47	20.37	22.00
10	16QAM	25	25	20.43	20.56	20.38	22.00
10	16QAM	50	0	20.35	20.52	20.33	22.00
10	64QAM	1	0	20.21	20.37	20.28	22.00
10	64QAM	1	25	20.23	20.33	20.20	22.00
10	64QAM	1	49	20.42	20.45	20.44	22.00
10	64QAM	25	0	19.00	19.24	19.00	21.00
10	64QAM	25	12	19.46	19.67	19.49	21.00
10	64QAM	25	25	19.32	19.49	19.36	21.00
10	64QAM	50	0	19.34	19.34	19.17	21.00
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	22.47	22.67	22.55	24.00
5	QPSK	1	12	22.23	22.40	22.21	24.00
5	QPSK	1	24	22.25	22.59	22.35	24.00
5	QPSK	12	0	21.36	21.61	21.36	23.00
5	QPSK	12	7	21.36	21.52	21.50	23.00
5	QPSK	12	13	21.41	21.55	21.40	23.00
5	QPSK	25	0	21.16	21.45	21.31	23.00
5	16QAM	1	0	21.77	21.99	21.91	23.00
5	16QAM	1	12	21.70	21.98	21.84	23.00
5	16QAM	1	24	22.02	22.23	22.03	23.00
5	16QAM	12	0	20.23	20.43	20.38	22.00
5	16QAM	12	7	20.25	20.42	20.25	22.00
5	16QAM	12	13	20.42	20.56	20.38	22.00
5	16QAM	25	0	20.35	20.50	20.33	22.00
5	64QAM	1	0	20.21	20.41	20.30	22.00
5	64QAM	1	12	20.23	20.38	20.09	22.00
5	64QAM	1	24	20.42	20.42	20.46	22.00
5	64QAM	12	0	19.01	19.24	19.01	21.00
5	64QAM	12	7	19.51	19.62	19.44	21.00
5	64QAM	12	13	19.38	19.54	19.37	21.00
5	64QAM	25	0	19.29	19.42	19.20	21.00
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	

3	QPSK	1	0	22.46	22.61	22.58	24.00
3	QPSK	1	8	22.25	22.31	22.28	24.00
3	QPSK	1	14	22.26	22.54	22.49	24.00
3	QPSK	8	0	21.37	21.63	21.38	23.00
3	QPSK	8	4	21.36	21.59	21.50	23.00
3	QPSK	8	7	21.52	21.65	21.41	23.00
3	QPSK	15	0	21.16	21.42	21.30	23.00
3	16QAM	1	0	21.76	21.94	21.81	23.00
3	16QAM	1	8	21.83	22.03	21.78	23.00
3	16QAM	1	14	21.99	22.27	22.04	23.00
3	16QAM	8	0	20.27	20.45	20.34	22.00
3	16QAM	8	4	20.16	20.45	20.33	22.00
3	16QAM	8	7	20.46	20.66	20.48	22.00
3	16QAM	15	0	20.37	20.54	20.38	22.00
3	64QAM	1	0	20.16	20.44	20.24	22.00
3	64QAM	1	8	20.23	20.32	20.07	22.00
3	64QAM	1	14	20.39	20.44	20.39	22.00
3	64QAM	8	0	19.02	19.24	19.01	21.00
3	64QAM	8	4	19.45	19.60	19.37	21.00
3	64QAM	8	7	19.33	19.48	19.42	21.00
3	64QAM	15	0	19.35	19.41	19.14	21.00
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	22.51	22.63	22.51	24.00
1.4	QPSK	1	3	22.27	22.43	22.21	24.00
1.4	QPSK	1	5	22.31	22.50	22.45	24.00
1.4	QPSK	3	0	22.42	22.57	22.41	24.00
1.4	QPSK	3	1	22.43	22.60	22.42	24.00
1.4	QPSK	3	3	22.51	22.55	22.41	24.00
1.4	QPSK	6	0	21.19	21.38	21.35	23.00
1.4	16QAM	1	0	21.77	21.98	21.85	23.00
1.4	16QAM	1	3	21.83	22.00	21.76	23.00
1.4	16QAM	1	5	22.08	22.21	22.07	23.00
1.4	16QAM	3	0	21.30	21.44	21.38	23.00
1.4	16QAM	3	1	21.16	21.50	21.31	23.00
1.4	16QAM	3	3	21.38	21.57	21.45	23.00
1.4	16QAM	6	0	20.33	20.43	20.36	22.00
1.4	64QAM	1	0	20.15	20.46	20.27	22.00
1.4	64QAM	1	3	20.20	20.37	20.08	22.00
1.4	64QAM	1	5	20.39	20.43	20.43	22.00
1.4	64QAM	3	0	20.02	20.17	20.01	22.00
1.4	64QAM	3	1	20.55	20.71	20.45	22.00
1.4	64QAM	3	3	20.37	20.55	20.39	22.00
1.4	64QAM	6	0	19.34	19.41	19.27	21.00

【LTE Band 25\_Ant 0\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	20.08	20.24	20.20	21.50
20	QPSK	1	49	19.85	20.11	19.96	21.50
20	QPSK	1	99	19.86	20.09	20.00	21.50
20	QPSK	50	0	19.92	20.13	20.05	21.50
20	QPSK	50	24	19.90	20.08	20.02	21.50
20	QPSK	50	50	19.91	20.09	20.03	21.50
20	QPSK	100	0	19.92	20.13	20.01	21.50
20	16QAM	1	0	19.88	20.14	20.03	21.50
20	16QAM	1	49	19.85	20.12	20.02	21.50
20	16QAM	1	99	19.87	20.08	20.01	21.50
20	16QAM	50	0	19.87	20.09	19.99	21.50
20	16QAM	50	24	19.91	20.11	19.97	21.50
20	16QAM	50	50	19.84	20.14	19.99	21.50
20	16QAM	100	0	19.86	20.11	19.99	21.50
20	64QAM	1	0	19.86	20.10	20.04	21.50
20	64QAM	1	49	19.90	20.11	20.02	21.50
20	64QAM	1	99	19.84	20.15	19.97	21.50
20	64QAM	50	0	19.05	19.26	19.11	21.00
20	64QAM	50	24	19.57	19.72	19.50	21.00
20	64QAM	50	50	19.44	19.60	19.50	21.00
20	64QAM	100	0	19.36	19.47	19.29	21.00
Channel				26115	26340	26615	Tune-up limit



Frequency (MHz)				1857.5	1880	1907.5	(dBm)
15	QPSK	1	0	20.06	20.22	20.08	21.50
15	QPSK	1	37	19.72	20.09	19.83	21.50
15	QPSK	1	74	19.77	20.08	19.85	21.50
15	QPSK	36	0	19.78	20.09	19.88	21.50
15	QPSK	36	20	19.79	19.96	19.93	21.50
15	QPSK	36	39	19.84	19.95	20.00	21.50
15	QPSK	75	0	19.87	20.00	19.90	21.50
15	16QAM	1	0	19.79	20.02	20.01	21.50
15	16QAM	1	37	19.72	20.07	20.01	21.50
15	16QAM	1	74	19.81	19.95	19.96	21.50
15	16QAM	36	0	19.77	19.99	19.86	21.50
15	16QAM	36	20	19.83	20.09	19.84	21.50
15	16QAM	36	39	19.69	20.12	19.92	21.50
15	16QAM	75	0	19.81	20.03	19.89	21.50
15	64QAM	1	0	19.84	20.02	19.99	21.50
15	64QAM	1	37	19.75	20.04	19.94	21.50
15	64QAM	1	74	19.73	20.06	19.87	21.50
15	64QAM	36	0	19.04	19.19	19.00	21.00
15	64QAM	36	20	19.49	19.59	19.40	21.00
15	64QAM	36	39	19.41	19.50	19.44	21.00
15	64QAM	75	0	19.23	19.32	19.25	21.00
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	19.97	20.13	19.99	21.50
10	QPSK	1	25	19.79	20.03	19.82	21.50
10	QPSK	1	49	19.80	19.96	19.90	21.50
10	QPSK	25	0	19.85	20.06	19.92	21.50
10	QPSK	25	12	19.78	19.97	19.92	21.50
10	QPSK	25	25	19.84	19.99	19.92	21.50
10	QPSK	50	0	19.89	20.11	19.91	21.50
10	16QAM	1	0	19.80	20.10	19.97	21.50
10	16QAM	1	25	19.79	20.02	19.90	21.50
10	16QAM	1	49	19.75	20.01	19.87	21.50
10	16QAM	25	0	19.81	19.96	19.88	21.50
10	16QAM	25	12	19.90	19.98	19.86	21.50
10	16QAM	25	25	19.77	20.06	19.91	21.50
10	16QAM	50	0	19.84	20.09	19.91	21.50
10	64QAM	1	0	19.77	20.08	20.02	21.50
10	64QAM	1	25	19.79	19.99	19.98	21.50
10	64QAM	1	49	19.80	20.12	19.91	21.50
10	64QAM	25	0	19.03	19.21	19.01	21.00
10	64QAM	25	12	19.52	19.67	19.40	21.00
10	64QAM	25	25	19.37	19.54	19.47	21.00
10	64QAM	50	0	19.22	19.40	19.19	21.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	20.06	20.21	20.06	21.50
5	QPSK	1	12	19.75	20.03	19.92	21.50
5	QPSK	1	24	19.84	20.00	19.97	21.50
5	QPSK	12	0	19.87	20.10	19.88	21.50
5	QPSK	12	7	19.88	19.98	19.92	21.50
5	QPSK	12	13	19.80	19.96	19.98	21.50
5	QPSK	25	0	19.82	20.02	19.89	21.50
5	16QAM	1	0	19.87	20.00	19.91	21.50
5	16QAM	1	12	19.77	20.06	19.91	21.50
5	16QAM	1	24	19.74	20.04	19.91	21.50
5	16QAM	12	0	19.84	19.97	19.87	21.50
5	16QAM	12	7	19.80	20.07	19.94	21.50
5	16QAM	12	13	19.78	20.00	19.95	21.50
5	16QAM	25	0	19.75	19.97	19.91	21.50
5	64QAM	1	0	19.80	20.00	20.02	21.50
5	64QAM	1	12	19.79	20.08	20.01	21.50
5	64QAM	1	24	19.70	20.04	19.84	21.50
5	64QAM	12	0	19.01	19.22	19.05	21.00
5	64QAM	12	7	19.55	19.70	19.48	21.00
5	64QAM	12	13	19.32	19.48	19.43	21.00
5	64QAM	25	0	19.26	19.37	19.21	21.00
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	19.95	20.19	20.02	21.50
3	QPSK	1	8	19.81	20.04	19.85	21.50
3	QPSK	1	14	19.78	20.03	19.94	21.50
3	QPSK	8	0	19.82	20.07	19.97	21.50
3	QPSK	8	4	19.82	20.01	19.96	21.50
3	QPSK	8	7	19.89	20.02	19.89	21.50
3	QPSK	15	0	19.77	20.10	19.99	21.50
3	16QAM	1	0	19.74	20.01	19.96	21.50

3	16QAM	1	8	19.78	20.04	19.96	21.50
3	16QAM	1	14	19.74	20.05	19.92	21.50
3	16QAM	8	0	19.81	19.96	19.91	21.50
3	16QAM	8	4	19.81	20.09	19.89	21.50
3	16QAM	8	7	19.74	20.09	19.93	21.50
3	16QAM	15	0	19.84	20.02	19.85	21.50
3	64QAM	1	0	19.72	20.07	19.97	21.50
3	64QAM	1	8	19.82	20.02	19.96	21.50
3	64QAM	1	14	19.71	20.05	19.88	21.50
3	64QAM	8	0	19.00	19.15	19.09	21.00
3	64QAM	8	4	19.56	19.57	19.44	21.00
3	64QAM	8	7	19.32	19.46	19.45	21.00
3	64QAM	15	0	19.33	19.41	19.16	21.00
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	20.04	20.19	20.02	21.50
1.4	QPSK	1	3	19.83	19.98	19.92	21.50
1.4	QPSK	1	5	19.83	20.08	19.89	21.50
1.4	QPSK	3	0	19.83	20.07	19.94	21.50
1.4	QPSK	3	1	19.76	20.00	19.92	21.50
1.4	QPSK	3	3	19.80	20.00	19.97	21.50
1.4	QPSK	6	0	19.80	19.99	19.87	21.50
1.4	16QAM	1	0	19.86	19.99	20.01	21.50
1.4	16QAM	1	3	19.73	19.97	19.92	21.50
1.4	16QAM	1	5	19.80	20.06	19.93	21.50
1.4	16QAM	3	0	19.84	20.02	19.96	21.50
1.4	16QAM	3	1	19.87	19.97	19.93	21.50
1.4	16QAM	3	3	19.69	20.01	19.95	21.50
1.4	16QAM	6	0	19.81	20.01	19.96	21.50
1.4	64QAM	1	0	19.75	19.96	19.90	21.50
1.4	64QAM	1	3	19.89	20.04	19.88	21.50
1.4	64QAM	1	5	19.76	20.02	19.90	21.50
1.4	64QAM	3	0	19.51	19.63	19.50	21.50
1.4	64QAM	3	1	20.06	20.20	19.99	21.50
1.4	64QAM	3	3	19.81	20.02	19.90	21.50
1.4	64QAM	6	0	19.24	19.44	19.18	21.00

**【LTE Band 26\_\_FCC (814-849MHz)\_Ant 0\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.05	23.07	22.94	24.00
15	QPSK	1	37	22.89	23.03	22.80	24.00
15	QPSK	1	74	22.80	22.86	22.64	24.00
15	QPSK	36	0	22.01	22.10	21.86	23.00
15	QPSK	36	20	21.94	22.02	21.80	23.00
15	QPSK	36	39	21.90	21.98	21.83	23.00
15	QPSK	75	0	21.97	22.04	21.87	23.00
15	16QAM	1	0	22.37	22.47	22.27	23.00
15	16QAM	1	37	22.53	22.60	22.33	23.00
15	16QAM	1	74	22.33	22.42	22.26	23.00
15	16QAM	36	0	20.79	20.94	20.71	22.00
15	16QAM	36	20	20.95	21.09	20.93	22.00
15	16QAM	36	39	20.91	20.96	20.75	22.00
15	16QAM	75	0	21.01	21.10	20.84	22.00
15	64QAM	1	0	20.67	20.79	20.56	22.00
15	64QAM	1	37	20.75	20.86	20.64	22.00
15	64QAM	1	74	20.70	20.83	20.68	22.00
15	64QAM	36	0	20.07	20.11	19.98	21.00
15	64QAM	36	20	20.65	20.68	20.44	21.00
15	64QAM	36	39	20.00	20.12	19.96	21.00
15	64QAM	75	0	20.02	20.12	19.94	21.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.93	23.02	22.92	24.00
10	QPSK	1	25	22.75	22.92	22.71	24.00
10	QPSK	1	49	22.68	22.80	22.55	24.00
10	QPSK	25	0	21.88	21.99	21.76	23.00
10	QPSK	25	12	21.86	21.93	21.76	23.00
10	QPSK	25	25	21.82	21.94	21.73	23.00
10	QPSK	50	0	21.89	21.97	21.80	23.00



10	16QAM	1	0	22.32	22.42	22.18	23.00
10	16QAM	1	25	22.45	22.54	22.26	23.00
10	16QAM	1	49	22.25	22.35	22.18	23.00
10	16QAM	25	0	20.69	20.90	20.59	22.00
10	16QAM	25	12	20.87	21.08	20.85	22.00
10	16QAM	25	25	20.86	20.82	20.66	22.00
10	16QAM	50	0	20.96	21.03	20.74	22.00
10	64QAM	1	0	20.57	20.71	20.42	22.00
10	64QAM	1	25	20.72	20.76	20.55	22.00
10	64QAM	1	49	20.69	20.82	20.60	22.00
10	64QAM	25	0	19.97	20.10	19.85	21.00
10	64QAM	25	12	20.52	20.54	20.42	21.00
10	64QAM	25	25	19.94	20.01	19.91	21.00
10	64QAM	50	0	19.92	19.98	19.90	21.00
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	22.96	23.04	22.86	24.00
5	QPSK	1	12	22.84	22.98	22.67	24.00
5	QPSK	1	24	22.67	22.78	22.63	24.00
5	QPSK	12	0	22.00	22.09	21.83	23.00
5	QPSK	12	7	21.86	21.90	21.65	23.00
5	QPSK	12	13	21.76	21.85	21.78	23.00
5	QPSK	25	0	21.92	22.00	21.81	23.00
5	16QAM	1	0	22.27	22.45	22.14	23.00
5	16QAM	1	12	22.42	22.54	22.28	23.00
5	16QAM	1	24	22.21	22.38	22.11	23.00
5	16QAM	12	0	20.68	20.88	20.59	22.00
5	16QAM	12	7	20.92	20.97	20.80	22.00
5	16QAM	12	13	20.79	20.94	20.68	22.00
5	16QAM	25	0	20.89	21.06	20.74	22.00
5	64QAM	1	0	20.52	20.74	20.46	22.00
5	64QAM	1	12	20.66	20.84	20.57	22.00
5	64QAM	1	24	20.60	20.79	20.60	22.00
5	64QAM	12	0	19.96	20.02	19.85	21.00
5	64QAM	12	7	20.52	20.64	20.38	21.00
5	64QAM	12	13	19.95	19.98	19.81	21.00
5	64QAM	25	0	19.95	19.98	19.80	21.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.97	23.00	22.86	24.00
3	QPSK	1	8	22.77	22.89	22.75	24.00
3	QPSK	1	14	22.72	22.76	22.55	24.00
3	QPSK	8	0	21.89	22.00	21.78	23.00
3	QPSK	8	4	21.83	21.99	21.66	23.00
3	QPSK	8	7	21.84	21.85	21.75	23.00
3	QPSK	15	0	21.84	21.98	21.85	23.00
3	16QAM	1	0	22.22	22.38	22.25	23.00
3	16QAM	1	8	22.44	22.50	22.31	23.00
3	16QAM	1	14	22.20	22.36	22.19	23.00
3	16QAM	8	0	20.75	20.85	20.64	22.00
3	16QAM	8	4	20.89	20.99	20.81	22.00
3	16QAM	8	7	20.86	20.85	20.62	22.00
3	16QAM	15	0	20.94	21.02	20.74	22.00
3	64QAM	1	0	20.56	20.75	20.53	22.00
3	64QAM	1	8	20.69	20.83	20.60	22.00
3	64QAM	1	14	20.58	20.74	20.65	22.00
3	64QAM	8	0	19.98	20.09	19.86	21.00
3	64QAM	8	4	20.63	20.67	20.34	21.00
3	64QAM	8	7	19.96	20.05	19.82	21.00
3	64QAM	15	0	19.98	20.08	19.93	21.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.97	23.05	22.85	24.00
1.4	QPSK	1	3	22.84	22.96	22.67	24.00
1.4	QPSK	1	5	22.72	22.80	22.56	24.00
1.4	QPSK	3	0	22.88	22.98	22.85	24.00
1.4	QPSK	3	1	22.91	22.95	22.66	24.00
1.4	QPSK	3	3	22.79	22.91	22.73	24.00
1.4	QPSK	6	0	21.85	21.98	21.85	23.00
1.4	16QAM	1	0	22.36	22.33	22.12	23.00
1.4	16QAM	1	3	22.48	22.55	22.24	23.00
1.4	16QAM	1	5	22.30	22.35	22.12	23.00
1.4	16QAM	3	0	21.67	21.81	21.57	23.00
1.4	16QAM	3	1	21.82	22.00	21.84	23.00
1.4	16QAM	3	3	21.81	21.82	21.68	23.00
1.4	16QAM	6	0	21.00	20.98	20.81	22.00
1.4	64QAM	1	0	20.64	20.68	20.52	22.00
1.4	64QAM	1	3	20.67	20.77	20.50	22.00

1.4	64QAM	1	5	20.65	20.77	20.59	22.00
1.4	64QAM	3	0	20.94	20.96	20.86	22.00
1.4	64QAM	3	1	21.53	21.66	21.34	22.00
1.4	64QAM	3	3	20.93	21.10	20.88	22.00
1.4	64QAM	6	0	19.89	20.07	19.80	21.00

【LTE Band 26\_\_FCC (814~849MHz)\_Ant 0\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.05	23.07	22.94	24.00
15	QPSK	1	37	22.89	23.03	22.80	24.00
15	QPSK	1	74	22.80	22.86	22.64	24.00
15	QPSK	36	0	22.01	22.10	21.86	23.00
15	QPSK	36	20	21.94	22.02	21.80	23.00
15	QPSK	36	39	21.90	21.98	21.83	23.00
15	QPSK	75	0	21.97	22.04	21.87	23.00
15	16QAM	1	0	22.37	22.47	22.27	23.00
15	16QAM	1	37	22.53	22.60	22.33	23.00
15	16QAM	1	74	22.33	22.42	22.26	23.00
15	16QAM	36	0	20.79	20.94	20.71	22.00
15	16QAM	36	20	20.95	21.09	20.93	22.00
15	16QAM	36	39	20.91	20.96	20.75	22.00
15	16QAM	75	0	21.01	21.10	20.84	22.00
15	64QAM	1	0	20.67	20.79	20.56	22.00
15	64QAM	1	37	20.75	20.86	20.64	22.00
15	64QAM	1	74	20.70	20.83	20.68	22.00
15	64QAM	36	0	20.07	20.11	19.98	21.00
15	64QAM	36	20	20.65	20.68	20.44	21.00
15	64QAM	36	39	20.00	20.12	19.96	21.00
15	64QAM	75	0	20.02	20.12	19.94	21.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.93	23.02	22.92	24.00
10	QPSK	1	25	22.75	22.92	22.71	24.00
10	QPSK	1	49	22.68	22.80	22.55	24.00
10	QPSK	25	0	21.88	21.99	21.76	23.00
10	QPSK	25	12	21.86	21.93	21.76	23.00
10	QPSK	25	25	21.82	21.94	21.73	23.00
10	QPSK	50	0	21.89	21.97	21.80	23.00
10	16QAM	1	0	22.32	22.42	22.18	23.00
10	16QAM	1	25	22.45	22.54	22.26	23.00
10	16QAM	1	49	22.25	22.35	22.18	23.00
10	16QAM	25	0	20.69	20.90	20.59	22.00
10	16QAM	25	12	20.87	21.08	20.85	22.00
10	16QAM	25	25	20.86	20.82	20.66	22.00
10	16QAM	50	0	20.96	21.03	20.74	22.00
10	64QAM	1	0	20.57	20.71	20.42	22.00
10	64QAM	1	25	20.72	20.76	20.55	22.00
10	64QAM	1	49	20.69	20.82	20.60	22.00
10	64QAM	25	0	19.97	20.10	19.85	21.00
10	64QAM	25	12	20.52	20.54	20.42	21.00
10	64QAM	25	25	19.94	20.01	19.91	21.00
10	64QAM	50	0	19.92	19.98	19.90	21.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.96	23.04	22.86	24.00
5	QPSK	1	12	22.84	22.98	22.67	24.00
5	QPSK	1	24	22.67	22.78	22.63	24.00
5	QPSK	12	0	22.00	22.09	21.83	23.00
5	QPSK	12	7	21.86	21.90	21.65	23.00
5	QPSK	12	13	21.76	21.85	21.78	23.00
5	QPSK	25	0	21.92	22.00	21.81	23.00
5	16QAM	1	0	22.27	22.45	22.14	23.00
5	16QAM	1	12	22.42	22.54	22.28	23.00
5	16QAM	1	24	22.21	22.38	22.11	23.00
5	16QAM	12	0	20.68	20.88	20.59	22.00
5	16QAM	12	7	20.92	20.97	20.80	22.00
5	16QAM	12	13	20.79	20.94	20.68	22.00
5	16QAM	25	0	20.89	21.06	20.74	22.00
5	64QAM	1	0	20.52	20.74	20.46	22.00

5	64QAM	1	12	20.66	20.84	20.57	22.00
5	64QAM	1	24	20.60	20.79	20.60	22.00
5	64QAM	12	0	19.96	20.02	19.85	21.00
5	64QAM	12	7	20.52	20.64	20.38	21.00
5	64QAM	12	13	19.95	19.98	19.81	21.00
5	64QAM	25	0	19.95	19.98	19.80	21.00
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.97	23.00	22.86	24.00
3	QPSK	1	8	22.77	22.89	22.75	24.00
3	QPSK	1	14	22.72	22.76	22.55	24.00
3	QPSK	8	0	21.89	22.00	21.78	23.00
3	QPSK	8	4	21.83	21.99	21.66	23.00
3	QPSK	8	7	21.84	21.85	21.75	23.00
3	QPSK	15	0	21.84	21.98	21.85	23.00
3	16QAM	1	0	22.22	22.38	22.25	23.00
3	16QAM	1	8	22.44	22.50	22.31	23.00
3	16QAM	1	14	22.20	22.36	22.19	23.00
3	16QAM	8	0	20.75	20.85	20.64	22.00
3	16QAM	8	4	20.89	20.99	20.81	22.00
3	16QAM	8	7	20.86	20.85	20.62	22.00
3	16QAM	15	0	20.94	21.02	20.74	22.00
3	64QAM	1	0	20.56	20.75	20.53	22.00
3	64QAM	1	8	20.69	20.83	20.60	22.00
3	64QAM	1	14	20.58	20.74	20.65	22.00
3	64QAM	8	0	19.98	20.09	19.86	21.00
3	64QAM	8	4	20.63	20.67	20.34	21.00
3	64QAM	8	7	19.96	20.05	19.82	21.00
3	64QAM	15	0	19.98	20.08	19.93	21.00
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	22.97	23.05	22.85	24.00
1.4	QPSK	1	3	22.84	22.96	22.67	24.00
1.4	QPSK	1	5	22.72	22.80	22.56	24.00
1.4	QPSK	3	0	22.88	22.98	22.85	24.00
1.4	QPSK	3	1	22.91	22.95	22.66	24.00
1.4	QPSK	3	3	22.79	22.91	22.73	24.00
1.4	QPSK	6	0	21.85	21.98	21.85	23.00
1.4	16QAM	1	0	22.36	22.33	22.12	23.00
1.4	16QAM	1	3	22.48	22.55	22.24	23.00
1.4	16QAM	1	5	22.30	22.35	22.12	23.00
1.4	16QAM	3	0	21.67	21.81	21.57	23.00
1.4	16QAM	3	1	21.82	22.00	21.84	23.00
1.4	16QAM	3	3	21.81	21.82	21.68	23.00
1.4	16QAM	6	0	21.00	20.98	20.81	22.00
1.4	64QAM	1	0	20.64	20.68	20.52	22.00
1.4	64QAM	1	3	20.67	20.77	20.50	22.00
1.4	64QAM	1	5	20.65	20.77	20.59	22.00
1.4	64QAM	3	0	20.94	20.96	20.86	22.00
1.4	64QAM	3	1	21.53	21.66	21.34	22.00
1.4	64QAM	3	3	20.93	21.10	20.88	22.00
1.4	64QAM	6	0	19.89	20.07	19.80	21.00

【LTE Band 26\_\_FCC (814~849MHz)\_Ant 0\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.05	23.07	22.94	24.00
15	QPSK	1	37	22.89	23.03	22.80	24.00
15	QPSK	1	74	22.80	22.86	22.64	24.00
15	QPSK	36	0	22.01	22.10	21.86	23.00
15	QPSK	36	20	21.94	22.02	21.80	23.00
15	QPSK	36	39	21.90	21.98	21.83	23.00
15	QPSK	75	0	21.97	22.04	21.87	23.00
15	16QAM	1	0	22.37	22.47	22.27	23.00
15	16QAM	1	37	22.53	22.60	22.33	23.00
15	16QAM	1	74	22.33	22.42	22.26	23.00
15	16QAM	36	0	20.79	20.94	20.71	22.00
15	16QAM	36	20	20.95	21.09	20.93	22.00
15	16QAM	36	39	20.91	20.96	20.75	22.00
15	16QAM	75	0	21.01	21.10	20.84	22.00



15	64QAM	1	0	20.67	20.79	20.56	22.00
15	64QAM	1	37	20.75	20.86	20.64	22.00
15	64QAM	1	74	20.70	20.83	20.68	22.00
15	64QAM	36	0	20.07	20.11	19.98	21.00
15	64QAM	36	20	20.65	20.68	20.44	21.00
15	64QAM	36	39	20.00	20.12	19.96	21.00
15	64QAM	75	0	20.02	20.12	19.94	21.00
Channel				26740	26865	26990	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	QPSK	1	0	22.93	23.02	22.92	24.00
10	QPSK	1	25	22.75	22.92	22.71	24.00
10	QPSK	1	49	22.68	22.80	22.55	24.00
10	QPSK	25	0	21.88	21.99	21.76	23.00
10	QPSK	25	12	21.86	21.93	21.76	23.00
10	QPSK	25	25	21.82	21.94	21.73	23.00
10	QPSK	50	0	21.89	21.97	21.80	23.00
10	16QAM	1	0	22.32	22.42	22.18	23.00
10	16QAM	1	25	22.45	22.54	22.26	23.00
10	16QAM	1	49	22.25	22.35	22.18	23.00
10	16QAM	25	0	20.69	20.90	20.59	22.00
10	16QAM	25	12	20.87	21.08	20.85	22.00
10	16QAM	25	25	20.86	20.82	20.66	22.00
10	16QAM	50	0	20.96	21.03	20.74	22.00
10	64QAM	1	0	20.57	20.71	20.42	22.00
10	64QAM	1	25	20.72	20.76	20.55	22.00
10	64QAM	1	49	20.69	20.82	20.60	22.00
10	64QAM	25	0	19.97	20.10	19.85	21.00
10	64QAM	25	12	20.52	20.54	20.42	21.00
10	64QAM	25	25	19.94	20.01	19.91	21.00
10	64QAM	50	0	19.92	19.98	19.90	21.00
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	22.96	23.04	22.86	24.00
5	QPSK	1	12	22.84	22.98	22.67	24.00
5	QPSK	1	24	22.67	22.78	22.63	24.00
5	QPSK	12	0	22.00	22.09	21.83	23.00
5	QPSK	12	7	21.86	21.90	21.65	23.00
5	QPSK	12	13	21.76	21.85	21.78	23.00
5	QPSK	25	0	21.92	22.00	21.81	23.00
5	16QAM	1	0	22.27	22.45	22.14	23.00
5	16QAM	1	12	22.42	22.54	22.28	23.00
5	16QAM	1	24	22.21	22.38	22.11	23.00
5	16QAM	12	0	20.68	20.88	20.59	22.00
5	16QAM	12	7	20.92	20.97	20.80	22.00
5	16QAM	12	13	20.79	20.94	20.68	22.00
5	16QAM	25	0	20.89	21.06	20.74	22.00
5	64QAM	1	0	20.52	20.74	20.46	22.00
5	64QAM	1	12	20.66	20.84	20.57	22.00
5	64QAM	1	24	20.60	20.79	20.60	22.00
5	64QAM	12	0	19.96	20.02	19.85	21.00
5	64QAM	12	7	20.52	20.64	20.38	21.00
5	64QAM	12	13	19.95	19.98	19.81	21.00
5	64QAM	25	0	19.95	19.98	19.80	21.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.97	23.00	22.86	24.00
3	QPSK	1	8	22.77	22.89	22.75	24.00
3	QPSK	1	14	22.72	22.76	22.55	24.00
3	QPSK	8	0	21.89	22.00	21.78	23.00
3	QPSK	8	4	21.83	21.99	21.66	23.00
3	QPSK	8	7	21.84	21.85	21.75	23.00
3	QPSK	15	0	21.84	21.98	21.85	23.00
3	16QAM	1	0	22.22	22.38	22.25	23.00
3	16QAM	1	8	22.44	22.50	22.31	23.00
3	16QAM	1	14	22.20	22.36	22.19	23.00
3	16QAM	8	0	20.75	20.85	20.64	22.00
3	16QAM	8	4	20.89	20.99	20.81	22.00
3	16QAM	8	7	20.86	20.85	20.62	22.00
3	16QAM	15	0	20.94	21.02	20.74	22.00
3	64QAM	1	0	20.56	20.75	20.53	22.00
3	64QAM	1	8	20.69	20.83	20.60	22.00
3	64QAM	1	14	20.58	20.74	20.65	22.00
3	64QAM	8	0	19.98	20.09	19.86	21.00
3	64QAM	8	4	20.63	20.67	20.34	21.00
3	64QAM	8	7	19.96	20.05	19.82	21.00
3	64QAM	15	0	19.98	20.08	19.93	21.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)

1.4	QPSK	1	0	22.97	23.05	22.85	24.00
1.4	QPSK	1	3	22.84	22.96	22.67	24.00
1.4	QPSK	1	5	22.72	22.80	22.56	24.00
1.4	QPSK	3	0	22.88	22.98	22.85	24.00
1.4	QPSK	3	1	22.91	22.95	22.66	24.00
1.4	QPSK	3	3	22.79	22.91	22.73	24.00
1.4	QPSK	6	0	21.85	21.98	21.85	23.00
1.4	16QAM	1	0	22.36	22.33	22.12	23.00
1.4	16QAM	1	3	22.48	22.55	22.24	23.00
1.4	16QAM	1	5	22.30	22.35	22.12	23.00
1.4	16QAM	3	0	21.67	21.81	21.57	23.00
1.4	16QAM	3	1	21.82	22.00	21.84	23.00
1.4	16QAM	3	3	21.81	21.82	21.68	23.00
1.4	16QAM	6	0	21.00	20.98	20.81	22.00
1.4	64QAM	1	0	20.64	20.68	20.52	22.00
1.4	64QAM	1	3	20.67	20.77	20.50	22.00
1.4	64QAM	1	5	20.65	20.77	20.59	22.00
1.4	64QAM	3	0	20.94	20.96	20.86	22.00
1.4	64QAM	3	1	21.53	21.66	21.34	22.00
1.4	64QAM	3	3	20.93	21.10	20.88	22.00
1.4	64QAM	6	0	19.89	20.07	19.80	21.00

**【LTE Band 38\_Ant 0\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.45	23.24	22.97	24.00
20	QPSK	1	49	23.24	23.14	22.85	24.00
20	QPSK	1	99	22.99	22.87	22.48	24.00
20	QPSK	50	0	22.27	22.15	21.81	23.00
20	QPSK	50	24	22.27	22.12	21.77	23.00
20	QPSK	50	50	22.13	22.04	21.67	23.00
20	QPSK	100	0	22.15	22.02	21.70	23.00
20	16QAM	1	0	22.15	22.06	21.79	23.00
20	16QAM	1	49	21.80	21.73	21.36	23.00
20	16QAM	1	99	21.98	21.84	21.47	23.00
20	16QAM	50	0	21.27	21.19	20.85	22.00
20	16QAM	50	24	21.21	21.12	20.84	22.00
20	16QAM	50	50	21.17	21.08	20.69	22.00
20	16QAM	100	0	21.18	21.13	20.86	22.00
20	64QAM	1	0	21.01	20.95	20.69	22.00
20	64QAM	1	49	20.89	20.81	20.51	22.00
20	64QAM	1	99	20.73	20.65	20.38	22.00
20	64QAM	50	0	19.75	19.67	19.32	21.00
20	64QAM	50	24	20.21	20.07	19.71	21.00
20	64QAM	50	50	19.41	19.27	19.00	21.00
20	64QAM	100	0	19.52	19.42	19.15	21.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.42	23.12	22.91	24.00
15	QPSK	1	37	23.16	22.99	22.77	24.00
15	QPSK	1	74	22.96	22.74	22.42	24.00
15	QPSK	36	0	22.25	22.01	21.69	23.00
15	QPSK	36	20	22.13	22.07	21.76	23.00
15	QPSK	36	39	22.02	21.96	21.58	23.00
15	QPSK	75	0	22.10	22.00	21.56	23.00
15	16QAM	1	0	22.07	21.96	21.76	23.00
15	16QAM	1	37	21.69	21.68	21.22	23.00
15	16QAM	1	74	21.91	21.70	21.35	23.00
15	16QAM	36	0	21.21	21.13	20.81	22.00
15	16QAM	36	20	21.06	21.04	20.73	22.00
15	16QAM	36	39	21.10	20.98	20.58	22.00
15	16QAM	75	0	21.14	21.07	20.71	22.00
15	64QAM	1	0	20.97	20.82	20.56	22.00
15	64QAM	1	37	20.79	20.78	20.43	22.00
15	64QAM	1	74	20.60	20.64	20.35	22.00
15	64QAM	36	0	19.64	19.62	19.18	21.00
15	64QAM	36	20	20.18	20.03	19.67	21.00
15	64QAM	36	39	19.31	19.22	19.02	21.00
15	64QAM	75	0	19.44	19.27	19.06	21.00
Channel				37800	38000	38200	Tune-up limit

Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	23.38	23.13	22.92	24.00
10	QPSK	1	25	23.09	23.08	22.79	24.00
10	QPSK	1	49	22.85	22.80	22.36	24.00
10	QPSK	25	0	22.20	22.10	21.69	23.00
10	QPSK	25	12	22.24	22.07	21.70	23.00
10	QPSK	25	25	22.07	21.98	21.65	23.00
10	QPSK	50	0	22.11	21.98	21.61	23.00
10	16QAM	1	0	22.07	22.03	21.74	23.00
10	16QAM	1	25	21.73	21.68	21.22	23.00
10	16QAM	1	49	21.89	21.72	21.34	23.00
10	16QAM	25	0	21.25	21.08	20.80	22.00
10	16QAM	25	12	21.16	21.03	20.73	22.00
10	16QAM	25	25	21.13	21.05	20.62	22.00
10	16QAM	50	0	21.15	21.06	20.78	22.00
10	64QAM	1	0	20.97	20.84	20.63	22.00
10	64QAM	1	25	20.75	20.73	20.43	22.00
10	64QAM	1	49	20.67	20.56	20.27	22.00
10	64QAM	25	0	19.64	19.62	19.19	21.00
10	64QAM	25	12	20.10	20.01	19.64	21.00
10	64QAM	25	25	19.32	19.18	19.00	21.00
10	64QAM	50	0	19.51	19.41	19.03	21.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	23.31	23.11	22.93	24.00
5	QPSK	1	12	23.12	23.09	22.81	24.00
5	QPSK	1	24	22.87	22.80	22.45	24.00
5	QPSK	12	0	22.17	22.01	21.78	23.00
5	QPSK	12	7	22.21	22.07	21.75	23.00
5	QPSK	12	13	22.01	22.02	21.53	23.00
5	QPSK	25	0	22.13	21.91	21.59	23.00
5	16QAM	1	0	22.05	21.98	21.65	23.00
5	16QAM	1	12	21.74	21.62	21.24	23.00
5	16QAM	1	24	21.88	21.82	21.43	23.00
5	16QAM	12	0	21.14	21.14	20.72	22.00
5	16QAM	12	7	21.08	21.03	20.79	22.00
5	16QAM	12	13	21.05	20.97	20.66	22.00
5	16QAM	25	0	21.13	21.01	20.78	22.00
5	64QAM	1	0	20.86	20.92	20.60	22.00
5	64QAM	1	12	20.86	20.72	20.46	22.00
5	64QAM	1	24	20.69	20.58	20.28	22.00
5	64QAM	12	0	19.71	19.61	19.31	21.00
5	64QAM	12	7	20.13	19.93	19.68	21.00
5	64QAM	12	13	19.29	19.14	19.00	21.00
5	64QAM	25	0	19.45	19.29	19.06	21.00

【LTE Band 38\_Ant 0\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.45	23.24	22.97	24.00
20	QPSK	1	49	23.24	23.14	22.85	24.00
20	QPSK	1	99	22.99	22.87	22.48	24.00
20	QPSK	50	0	22.27	22.15	21.81	23.00
20	QPSK	50	24	22.27	22.12	21.77	23.00
20	QPSK	50	50	22.13	22.04	21.67	23.00
20	QPSK	100	0	22.15	22.02	21.70	23.00
20	16QAM	1	0	22.15	22.06	21.79	23.00
20	16QAM	1	49	21.80	21.73	21.36	23.00
20	16QAM	1	99	21.98	21.84	21.47	23.00
20	16QAM	50	0	21.27	21.19	20.85	22.00
20	16QAM	50	24	21.21	21.12	20.84	22.00
20	16QAM	50	50	21.17	21.08	20.69	22.00
20	16QAM	100	0	21.18	21.13	20.86	22.00
20	64QAM	1	0	21.01	20.95	20.69	22.00
20	64QAM	1	49	20.89	20.81	20.51	22.00
20	64QAM	1	99	20.73	20.65	20.38	22.00
20	64QAM	50	0	19.75	19.67	19.32	21.00
20	64QAM	50	24	20.21	20.07	19.71	21.00
20	64QAM	50	50	19.41	19.27	19.00	21.00
20	64QAM	100	0	19.52	19.42	19.15	21.00



Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	23.42	23.12	22.91	24.00
15	QPSK	1	37	23.16	22.99	22.77	24.00
15	QPSK	1	74	22.96	22.74	22.42	24.00
15	QPSK	36	0	22.25	22.01	21.69	23.00
15	QPSK	36	20	22.13	22.07	21.76	23.00
15	QPSK	36	39	22.02	21.96	21.58	23.00
15	QPSK	75	0	22.10	22.00	21.56	23.00
15	16QAM	1	0	22.07	21.96	21.76	23.00
15	16QAM	1	37	21.69	21.68	21.22	23.00
15	16QAM	1	74	21.91	21.70	21.35	23.00
15	16QAM	36	0	21.21	21.13	20.81	22.00
15	16QAM	36	20	21.06	21.04	20.73	22.00
15	16QAM	36	39	21.10	20.98	20.58	22.00
15	16QAM	75	0	21.14	21.07	20.71	22.00
15	64QAM	1	0	20.97	20.82	20.56	22.00
15	64QAM	1	37	20.79	20.78	20.43	22.00
15	64QAM	1	74	20.60	20.64	20.35	22.00
15	64QAM	36	0	19.64	19.62	19.18	21.00
15	64QAM	36	20	20.18	20.03	19.67	21.00
15	64QAM	36	39	19.31	19.22	19.02	21.00
15	64QAM	75	0	19.44	19.27	19.06	21.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	23.38	23.13	22.92	24.00
10	QPSK	1	25	23.09	23.08	22.79	24.00
10	QPSK	1	49	22.85	22.80	22.36	24.00
10	QPSK	25	0	22.20	22.10	21.69	23.00
10	QPSK	25	12	22.24	22.07	21.70	23.00
10	QPSK	25	25	22.07	21.98	21.65	23.00
10	QPSK	50	0	22.11	21.98	21.61	23.00
10	16QAM	1	0	22.07	22.03	21.74	23.00
10	16QAM	1	25	21.73	21.68	21.22	23.00
10	16QAM	1	49	21.89	21.72	21.34	23.00
10	16QAM	25	0	21.25	21.08	20.80	22.00
10	16QAM	25	12	21.16	21.03	20.73	22.00
10	16QAM	25	25	21.13	21.05	20.62	22.00
10	16QAM	50	0	21.15	21.06	20.78	22.00
10	64QAM	1	0	20.97	20.84	20.63	22.00
10	64QAM	1	25	20.75	20.73	20.43	22.00
10	64QAM	1	49	20.67	20.56	20.27	22.00
10	64QAM	25	0	19.64	19.62	19.19	21.00
10	64QAM	25	12	20.10	20.01	19.64	21.00
10	64QAM	25	25	19.32	19.18	19.00	21.00
10	64QAM	50	0	19.51	19.41	19.03	21.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	23.31	23.11	22.93	24.00
5	QPSK	1	12	23.12	23.09	22.81	24.00
5	QPSK	1	24	22.87	22.80	22.45	24.00
5	QPSK	12	0	22.17	22.01	21.78	23.00
5	QPSK	12	7	22.21	22.07	21.75	23.00
5	QPSK	12	13	22.01	22.02	21.53	23.00
5	QPSK	25	0	22.13	21.91	21.59	23.00
5	16QAM	1	0	22.05	21.98	21.65	23.00
5	16QAM	1	12	21.74	21.62	21.24	23.00
5	16QAM	1	24	21.88	21.82	21.43	23.00
5	16QAM	12	0	21.14	21.14	20.72	22.00
5	16QAM	12	7	21.08	21.03	20.79	22.00
5	16QAM	12	13	21.05	20.97	20.66	22.00
5	16QAM	25	0	21.13	21.01	20.78	22.00
5	64QAM	1	0	20.86	20.92	20.60	22.00
5	64QAM	1	12	20.86	20.72	20.46	22.00
5	64QAM	1	24	20.69	20.58	20.28	22.00
5	64QAM	12	0	19.71	19.61	19.31	21.00
5	64QAM	12	7	20.13	19.93	19.68	21.00
5	64QAM	12	13	19.29	19.14	19.00	21.00
5	64QAM	25	0	19.45	19.29	19.06	21.00

【LTE Band 38\_Ant 0\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)				37850	38000	38150	
				2580	2595	2610	
20	QPSK	1	0	23.45	23.24	22.97	24.00
20	QPSK	1	49	23.24	23.14	22.85	24.00
20	QPSK	1	99	22.99	22.87	22.48	24.00
20	QPSK	50	0	22.27	22.15	21.81	23.00
20	QPSK	50	24	22.27	22.12	21.77	23.00
20	QPSK	50	50	22.13	22.04	21.67	23.00
20	QPSK	100	0	22.15	22.02	21.70	23.00
20	16QAM	1	0	22.15	22.06	21.79	23.00
20	16QAM	1	49	21.80	21.73	21.36	23.00
20	16QAM	1	99	21.98	21.84	21.47	23.00
20	16QAM	50	0	21.27	21.19	20.85	22.00
20	16QAM	50	24	21.21	21.12	20.84	22.00
20	16QAM	50	50	21.17	21.08	20.69	22.00
20	16QAM	100	0	21.18	21.13	20.86	22.00
20	64QAM	1	0	21.01	20.95	20.69	22.00
20	64QAM	1	49	20.89	20.81	20.51	22.00
20	64QAM	1	99	20.73	20.65	20.38	22.00
20	64QAM	50	0	19.75	19.67	19.32	21.00
20	64QAM	50	24	20.21	20.07	19.71	21.00
20	64QAM	50	50	19.41	19.27	19.00	21.00
20	64QAM	100	0	19.52	19.42	19.15	21.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	23.42	23.12	22.91	24.00
15	QPSK	1	37	23.16	22.99	22.77	24.00
15	QPSK	1	74	22.96	22.74	22.42	24.00
15	QPSK	36	0	22.25	22.01	21.69	23.00
15	QPSK	36	20	22.13	22.07	21.76	23.00
15	QPSK	36	39	22.02	21.96	21.58	23.00
15	QPSK	75	0	22.10	22.00	21.56	23.00
15	16QAM	1	0	22.07	21.96	21.76	23.00
15	16QAM	1	37	21.69	21.68	21.22	23.00
15	16QAM	1	74	21.91	21.70	21.35	23.00
15	16QAM	36	0	21.21	21.13	20.81	22.00
15	16QAM	36	20	21.06	21.04	20.73	22.00
15	16QAM	36	39	21.10	20.98	20.58	22.00
15	16QAM	75	0	21.14	21.07	20.71	22.00
15	64QAM	1	0	20.97	20.82	20.56	22.00
15	64QAM	1	37	20.79	20.78	20.43	22.00
15	64QAM	1	74	20.60	20.64	20.35	22.00
15	64QAM	36	0	19.64	19.62	19.18	21.00
15	64QAM	36	20	20.18	20.03	19.67	21.00
15	64QAM	36	39	19.31	19.22	19.02	21.00
15	64QAM	75	0	19.44	19.27	19.06	21.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	23.38	23.13	22.92	24.00
10	QPSK	1	25	23.09	23.08	22.79	24.00
10	QPSK	1	49	22.85	22.80	22.36	24.00
10	QPSK	25	0	22.20	22.10	21.69	23.00
10	QPSK	25	12	22.24	22.07	21.70	23.00
10	QPSK	25	25	22.07	21.98	21.65	23.00
10	QPSK	50	0	22.11	21.98	21.61	23.00
10	16QAM	1	0	22.07	22.03	21.74	23.00
10	16QAM	1	25	21.73	21.68	21.22	23.00
10	16QAM	1	49	21.89	21.72	21.34	23.00
10	16QAM	25	0	21.25	21.08	20.80	22.00
10	16QAM	25	12	21.16	21.03	20.73	22.00
10	16QAM	25	25	21.13	21.05	20.62	22.00
10	16QAM	50	0	21.15	21.06	20.78	22.00
10	64QAM	1	0	20.97	20.84	20.63	22.00
10	64QAM	1	25	20.75	20.73	20.43	22.00
10	64QAM	1	49	20.67	20.56	20.27	22.00
10	64QAM	25	0	19.64	19.62	19.19	21.00
10	64QAM	25	12	20.10	20.01	19.64	21.00
10	64QAM	25	25	19.32	19.18	19.00	21.00
10	64QAM	50	0	19.51	19.41	19.03	21.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	23.31	23.11	22.93	24.00
5	QPSK	1	12	23.12	23.09	22.81	24.00
5	QPSK	1	24	22.87	22.80	22.45	24.00
5	QPSK	12	0	22.17	22.01	21.78	23.00
5	QPSK	12	7	22.21	22.07	21.75	23.00
5	QPSK	12	13	22.01	22.02	21.53	23.00

5	QPSK	25	0	22.13	21.91	21.59	23.00
5	16QAM	1	0	22.05	21.98	21.65	23.00
5	16QAM	1	12	21.74	21.62	21.24	23.00
5	16QAM	1	24	21.88	21.82	21.43	23.00
5	16QAM	12	0	21.14	21.14	20.72	22.00
5	16QAM	12	7	21.08	21.03	20.79	22.00
5	16QAM	12	13	21.05	20.97	20.66	22.00
5	16QAM	25	0	21.13	21.01	20.78	22.00
5	64QAM	1	0	20.86	20.92	20.60	22.00
5	64QAM	1	12	20.86	20.72	20.46	22.00
5	64QAM	1	24	20.69	20.58	20.28	22.00
5	64QAM	12	0	19.71	19.61	19.31	21.00
5	64QAM	12	7	20.13	19.93	19.68	21.00
5	64QAM	12	13	19.29	19.14	19.00	21.00
5	64QAM	25	0	19.45	19.29	19.06	21.00

【LTE Band 41\_\_FCC (2496~2690MHz)\_Ant 0\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.87	23.10	23.12	22.72	22.79	24.00
20	QPSK	1	49	22.66	22.91	22.97	22.52	22.52	24.00
20	QPSK	1	99	22.35	22.58	22.73	22.19	22.36	24.00
20	QPSK	50	0	21.69	21.93	22.02	21.49	21.61	23.00
20	QPSK	50	24	21.57	21.77	21.89	21.43	21.50	23.00
20	QPSK	50	50	21.60	21.81	21.88	21.44	21.42	23.00
20	QPSK	100	0	21.52	21.83	21.91	21.39	21.58	23.00
20	16QAM	1	0	21.44	21.69	21.75	21.25	21.31	23.00
20	16QAM	1	49	21.59	21.68	21.84	21.41	21.44	23.00
20	16QAM	1	99	21.34	21.60	21.66	21.24	21.21	23.00
20	16QAM	50	0	20.76	21.01	21.06	20.62	20.66	22.00
20	16QAM	50	24	20.72	20.98	21.03	20.59	20.64	22.00
20	16QAM	50	50	20.68	20.90	20.95	20.56	20.59	22.00
20	16QAM	100	0	20.71	20.99	21.04	20.62	20.73	22.00
20	64QAM	1	0	20.65	20.81	20.94	20.56	20.50	22.00
20	64QAM	1	49	20.42	20.58	20.75	20.27	20.43	22.00
20	64QAM	1	99	20.42	20.51	20.66	20.24	20.26	22.00
20	64QAM	50	0	19.00	19.02	19.03	19.01	19.00	21.00
20	64QAM	50	24	19.89	20.05	20.16	19.76	19.85	21.00
20	64QAM	50	50	19.51	19.68	19.83	19.43	19.43	21.00
20	64QAM	100	0	19.33	19.50	19.57	19.18	19.17	21.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.74	23.08	23.04	22.60	22.70	24.00
15	QPSK	1	37	22.56	22.78	22.90	22.41	22.50	24.00
15	QPSK	1	74	22.31	22.51	22.69	22.17	22.22	24.00
15	QPSK	36	0	21.61	21.91	21.93	21.39	21.47	23.00
15	QPSK	36	20	21.47	21.67	21.87	21.32	21.47	23.00
15	QPSK	36	39	21.49	21.80	21.77	21.40	21.39	23.00
15	QPSK	75	0	21.43	21.79	21.80	21.29	21.52	23.00
15	16QAM	1	0	21.34	21.55	21.72	21.20	21.20	23.00
15	16QAM	1	37	21.50	21.61	21.73	21.28	21.42	23.00
15	16QAM	1	74	21.30	21.56	21.53	21.09	21.17	23.00
15	16QAM	36	0	20.70	20.87	21.04	20.50	20.54	22.00
15	16QAM	36	20	20.71	20.85	20.88	20.54	20.52	22.00
15	16QAM	36	39	20.60	20.80	20.93	20.52	20.45	22.00
15	16QAM	75	0	20.56	20.96	20.93	20.52	20.67	22.00
15	64QAM	1	0	20.61	20.79	20.84	20.47	20.46	22.00
15	64QAM	1	37	20.38	20.44	20.63	20.16	20.28	22.00
15	64QAM	1	74	20.30	20.44	20.53	20.18	20.14	22.00
15	64QAM	36	0	19.00	19.02	19.01	19.00	19.01	21.00
15	64QAM	36	20	19.83	19.99	20.08	19.67	19.76	21.00
15	64QAM	36	39	19.45	19.56	19.72	19.40	19.30	21.00
15	64QAM	75	0	19.23	19.40	19.54	19.12	19.15	21.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.78	22.98	23.08	22.68	22.70	24.00
10	QPSK	1	25	22.58	22.78	22.85	22.43	22.40	24.00
10	QPSK	1	49	22.32	22.44	22.63	22.09	22.25	24.00
10	QPSK	25	0	21.66	21.83	21.91	21.39	21.59	23.00

10	QPSK	25	12	21.47	21.64	21.76	21.36	21.44	23.00
10	QPSK	25	25	21.49	21.78	21.81	21.43	21.27	23.00
10	QPSK	50	0	21.46	21.75	21.84	21.37	21.45	23.00
10	16QAM	1	0	21.29	21.67	21.72	21.23	21.24	23.00
10	16QAM	1	25	21.50	21.65	21.70	21.33	21.35	23.00
10	16QAM	1	49	21.32	21.48	21.64	21.10	21.11	23.00
10	16QAM	25	0	20.71	20.88	21.04	20.51	20.54	22.00
10	16QAM	25	12	20.60	20.88	20.90	20.49	20.58	22.00
10	16QAM	25	25	20.59	20.81	20.84	20.51	20.54	22.00
10	16QAM	50	0	20.60	20.90	20.91	20.49	20.69	22.00
10	64QAM	1	0	20.64	20.75	20.90	20.51	20.44	22.00
10	64QAM	1	25	20.30	20.52	20.60	20.16	20.33	22.00
10	64QAM	1	49	20.28	20.42	20.57	20.13	20.21	22.00
10	64QAM	25	0	19.01	19.01	19.01	19.00	19.01	21.00
10	64QAM	25	12	19.81	20.02	20.07	19.72	19.80	21.00
10	64QAM	25	25	19.43	19.64	19.76	19.36	19.31	21.00
10	64QAM	50	0	19.18	19.39	19.47	19.11	19.08	21.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.79	22.97	23.09	22.63	22.71	24.00
5	QPSK	1	12	22.65	22.84	22.91	22.50	22.39	24.00
5	QPSK	1	24	22.32	22.50	22.67	22.05	22.30	24.00
5	QPSK	12	0	21.63	21.80	21.89	21.36	21.57	23.00
5	QPSK	12	7	21.51	21.75	21.74	21.31	21.41	23.00
5	QPSK	12	13	21.45	21.73	21.87	21.33	21.27	23.00
5	QPSK	25	0	21.45	21.71	21.87	21.26	21.54	23.00
5	16QAM	1	0	21.40	21.64	21.69	21.23	21.19	23.00
5	16QAM	1	12	21.56	21.63	21.69	21.29	21.31	23.00
5	16QAM	1	24	21.29	21.55	21.56	21.12	21.16	23.00
5	16QAM	12	0	20.71	20.94	21.04	20.57	20.56	22.00
5	16QAM	12	7	20.66	20.90	20.98	20.57	20.59	22.00
5	16QAM	12	13	20.65	20.78	20.82	20.44	20.46	22.00
5	16QAM	25	0	20.67	20.94	20.98	20.56	20.61	22.00
5	64QAM	1	0	20.56	20.76	20.88	20.50	20.39	22.00
5	64QAM	1	12	20.39	20.56	20.67	20.21	20.33	22.00
5	64QAM	1	24	20.35	20.48	20.53	20.10	20.21	22.00
5	64QAM	12	0	19.02	19.00	19.01	19.01	19.01	21.00
5	64QAM	12	7	19.80	19.92	20.12	19.71	19.72	21.00
5	64QAM	12	13	19.49	19.64	19.77	19.28	19.32	21.00
5	64QAM	25	0	19.30	19.40	19.49	19.07	19.04	21.00

【LTE Band 41\_\_FCC (2496~2690MHz)\_Ant 0\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.87	23.10	23.12	22.72	22.79	24.00
20	QPSK	1	49	22.66	22.91	22.97	22.52	22.52	24.00
20	QPSK	1	99	22.35	22.58	22.73	22.19	22.36	24.00
20	QPSK	50	0	21.69	21.93	22.02	21.49	21.61	23.00
20	QPSK	50	24	21.57	21.77	21.89	21.43	21.50	23.00
20	QPSK	50	50	21.60	21.81	21.88	21.44	21.42	23.00
20	QPSK	100	0	21.52	21.83	21.91	21.39	21.58	23.00
20	16QAM	1	0	21.44	21.69	21.75	21.25	21.31	23.00
20	16QAM	1	49	21.59	21.68	21.84	21.41	21.44	23.00
20	16QAM	1	99	21.34	21.60	21.66	21.24	21.21	23.00
20	16QAM	50	0	20.76	21.01	21.06	20.62	20.66	22.00
20	16QAM	50	24	20.72	20.98	21.03	20.59	20.64	22.00
20	16QAM	50	50	20.68	20.90	20.95	20.56	20.59	22.00
20	16QAM	100	0	20.71	20.99	21.04	20.62	20.73	22.00
20	64QAM	1	0	20.65	20.81	20.94	20.56	20.50	22.00
20	64QAM	1	49	20.42	20.58	20.75	20.27	20.43	22.00
20	64QAM	1	99	20.42	20.51	20.66	20.24	20.26	22.00
20	64QAM	50	0	19.00	19.02	19.03	19.01	19.00	21.00
20	64QAM	50	24	19.89	20.05	20.16	19.76	19.85	21.00
20	64QAM	50	50	19.51	19.68	19.83	19.43	19.43	21.00
20	64QAM	100	0	19.33	19.50	19.57	19.18	19.17	21.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.74	23.08	23.04	22.60	22.70	24.00
15	QPSK	1	37	22.56	22.78	22.90	22.41	22.50	24.00

15	QPSK	1	74	22.31	22.51	22.69	22.17	22.22	24.00
15	QPSK	36	0	21.61	21.91	21.93	21.39	21.47	23.00
15	QPSK	36	20	21.47	21.67	21.87	21.32	21.47	23.00
15	QPSK	36	39	21.49	21.80	21.77	21.40	21.39	23.00
15	QPSK	75	0	21.43	21.79	21.80	21.29	21.52	23.00
15	16QAM	1	0	21.34	21.55	21.72	21.20	21.20	23.00
15	16QAM	1	37	21.50	21.61	21.73	21.28	21.42	23.00
15	16QAM	1	74	21.30	21.56	21.53	21.09	21.17	23.00
15	16QAM	36	0	20.70	20.87	21.04	20.50	20.54	22.00
15	16QAM	36	20	20.71	20.85	20.88	20.54	20.52	22.00
15	16QAM	36	39	20.60	20.80	20.93	20.52	20.45	22.00
15	16QAM	75	0	20.56	20.96	20.93	20.52	20.67	22.00
15	64QAM	1	0	20.61	20.79	20.84	20.47	20.46	22.00
15	64QAM	1	37	20.38	20.44	20.63	20.16	20.28	22.00
15	64QAM	1	74	20.30	20.44	20.53	20.18	20.14	22.00
15	64QAM	36	0	19.00	19.02	19.01	19.00	19.01	21.00
15	64QAM	36	20	19.83	19.99	20.08	19.67	19.76	21.00
15	64QAM	36	39	19.45	19.56	19.72	19.40	19.30	21.00
15	64QAM	75	0	19.23	19.40	19.54	19.12	19.15	21.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.78	22.98	23.08	22.68	22.70	24.00
10	QPSK	1	25	22.58	22.78	22.85	22.43	22.40	24.00
10	QPSK	1	49	22.32	22.44	22.63	22.09	22.25	24.00
10	QPSK	25	0	21.66	21.83	21.91	21.39	21.59	23.00
10	QPSK	25	12	21.47	21.64	21.76	21.36	21.44	23.00
10	QPSK	25	25	21.49	21.78	21.81	21.43	21.27	23.00
10	QPSK	50	0	21.46	21.75	21.84	21.37	21.45	23.00
10	16QAM	1	0	21.29	21.67	21.72	21.23	21.24	23.00
10	16QAM	1	25	21.50	21.65	21.70	21.33	21.35	23.00
10	16QAM	1	49	21.32	21.48	21.64	21.10	21.11	23.00
10	16QAM	25	0	20.71	20.88	21.04	20.51	20.54	22.00
10	16QAM	25	12	20.60	20.88	20.90	20.49	20.58	22.00
10	16QAM	25	25	20.59	20.81	20.84	20.51	20.54	22.00
10	16QAM	50	0	20.60	20.90	20.91	20.49	20.69	22.00
10	64QAM	1	0	20.64	20.75	20.90	20.51	20.44	22.00
10	64QAM	1	25	20.30	20.52	20.60	20.16	20.33	22.00
10	64QAM	1	49	20.28	20.42	20.57	20.13	20.21	22.00
10	64QAM	25	0	19.01	19.01	19.01	19.00	19.01	21.00
10	64QAM	25	12	19.81	20.02	20.07	19.72	19.80	21.00
10	64QAM	25	25	19.43	19.64	19.76	19.36	19.31	21.00
10	64QAM	50	0	19.18	19.39	19.47	19.11	19.08	21.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.79	22.97	23.09	22.63	22.71	24.00
5	QPSK	1	12	22.65	22.84	22.91	22.50	22.39	24.00
5	QPSK	1	24	22.32	22.50	22.67	22.05	22.30	24.00
5	QPSK	12	0	21.63	21.80	21.89	21.36	21.57	23.00
5	QPSK	12	7	21.51	21.75	21.74	21.31	21.41	23.00
5	QPSK	12	13	21.45	21.73	21.87	21.33	21.27	23.00
5	QPSK	25	0	21.45	21.71	21.87	21.26	21.54	23.00
5	16QAM	1	0	21.40	21.64	21.69	21.23	21.19	23.00
5	16QAM	1	12	21.56	21.63	21.69	21.29	21.31	23.00
5	16QAM	1	24	21.29	21.55	21.56	21.12	21.16	23.00
5	16QAM	12	0	20.71	20.94	21.04	20.57	20.56	22.00
5	16QAM	12	7	20.66	20.90	20.98	20.57	20.59	22.00
5	16QAM	12	13	20.65	20.78	20.82	20.44	20.46	22.00
5	16QAM	25	0	20.67	20.94	20.98	20.56	20.61	22.00
5	64QAM	1	0	20.56	20.76	20.88	20.50	20.39	22.00
5	64QAM	1	12	20.39	20.56	20.67	20.21	20.33	22.00
5	64QAM	1	24	20.35	20.48	20.53	20.10	20.21	22.00
5	64QAM	12	0	19.02	19.00	19.01	19.01	19.01	21.00
5	64QAM	12	7	19.80	19.92	20.12	19.71	19.72	21.00
5	64QAM	12	13	19.49	19.64	19.77	19.28	19.32	21.00
5	64QAM	25	0	19.30	19.40	19.49	19.07	19.04	21.00

**【LTE Band 41\_\_FCC (2496-2690MHz)\_Ant 0\_Receiver off】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	

20	QPSK	1	0	22.87	23.10	23.12	22.72	22.79	24.00
20	QPSK	1	49	22.66	22.91	22.97	22.52	22.52	24.00
20	QPSK	1	99	22.35	22.58	22.73	22.19	22.36	24.00
20	QPSK	50	0	21.69	21.93	22.02	21.49	21.61	23.00
20	QPSK	50	24	21.57	21.77	21.89	21.43	21.50	23.00
20	QPSK	50	50	21.60	21.81	21.88	21.44	21.42	23.00
20	QPSK	100	0	21.52	21.83	21.91	21.39	21.58	23.00
20	16QAM	1	0	21.44	21.69	21.75	21.25	21.31	23.00
20	16QAM	1	49	21.59	21.68	21.84	21.41	21.44	23.00
20	16QAM	1	99	21.34	21.60	21.66	21.24	21.21	23.00
20	16QAM	50	0	20.76	21.01	21.06	20.62	20.66	22.00
20	16QAM	50	24	20.72	20.98	21.03	20.59	20.64	22.00
20	16QAM	50	50	20.68	20.90	20.95	20.56	20.59	22.00
20	16QAM	100	0	20.71	20.99	21.04	20.62	20.73	22.00
20	64QAM	1	0	20.65	20.81	20.94	20.56	20.50	22.00
20	64QAM	1	49	20.42	20.58	20.75	20.27	20.43	22.00
20	64QAM	1	99	20.42	20.51	20.66	20.24	20.26	22.00
20	64QAM	50	0	19.00	19.02	19.03	19.01	19.00	21.00
20	64QAM	50	24	19.89	20.05	20.16	19.76	19.85	21.00
20	64QAM	50	50	19.51	19.68	19.83	19.43	19.43	21.00
20	64QAM	100	0	19.33	19.50	19.57	19.18	19.17	21.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.74	23.08	23.04	22.60	22.70	24.00
15	QPSK	1	37	22.56	22.78	22.90	22.41	22.50	24.00
15	QPSK	1	74	22.31	22.51	22.69	22.17	22.22	24.00
15	QPSK	36	0	21.61	21.91	21.93	21.39	21.47	23.00
15	QPSK	36	20	21.47	21.67	21.87	21.32	21.47	23.00
15	QPSK	36	39	21.49	21.80	21.77	21.40	21.39	23.00
15	QPSK	75	0	21.43	21.79	21.80	21.29	21.52	23.00
15	16QAM	1	0	21.34	21.55	21.72	21.20	21.20	23.00
15	16QAM	1	37	21.50	21.61	21.73	21.28	21.42	23.00
15	16QAM	1	74	21.30	21.56	21.53	21.09	21.17	23.00
15	16QAM	36	0	20.70	20.87	21.04	20.50	20.54	22.00
15	16QAM	36	20	20.71	20.85	20.88	20.54	20.52	22.00
15	16QAM	36	39	20.60	20.80	20.93	20.52	20.45	22.00
15	16QAM	75	0	20.56	20.96	20.93	20.52	20.67	22.00
15	64QAM	1	0	20.61	20.79	20.84	20.47	20.46	22.00
15	64QAM	1	37	20.38	20.44	20.63	20.16	20.28	22.00
15	64QAM	1	74	20.30	20.44	20.53	20.18	20.14	22.00
15	64QAM	36	0	19.00	19.02	19.01	19.00	19.01	21.00
15	64QAM	36	20	19.83	19.99	20.08	19.67	19.76	21.00
15	64QAM	36	39	19.45	19.56	19.72	19.40	19.30	21.00
15	64QAM	75	0	19.23	19.40	19.54	19.12	19.15	21.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.78	22.98	23.08	22.68	22.70	24.00
10	QPSK	1	25	22.58	22.78	22.85	22.43	22.40	24.00
10	QPSK	1	49	22.32	22.44	22.63	22.09	22.25	24.00
10	QPSK	25	0	21.66	21.83	21.91	21.39	21.59	23.00
10	QPSK	25	12	21.47	21.64	21.76	21.36	21.44	23.00
10	QPSK	25	25	21.49	21.78	21.81	21.43	21.27	23.00
10	QPSK	50	0	21.46	21.75	21.84	21.37	21.45	23.00
10	16QAM	1	0	21.29	21.67	21.72	21.23	21.24	23.00
10	16QAM	1	25	21.50	21.65	21.70	21.33	21.35	23.00
10	16QAM	1	49	21.32	21.48	21.64	21.10	21.11	23.00
10	16QAM	25	0	20.71	20.88	21.04	20.51	20.54	22.00
10	16QAM	25	12	20.60	20.88	20.90	20.49	20.58	22.00
10	16QAM	25	25	20.59	20.81	20.84	20.51	20.54	22.00
10	16QAM	50	0	20.60	20.90	20.91	20.49	20.69	22.00
10	64QAM	1	0	20.64	20.75	20.90	20.51	20.44	22.00
10	64QAM	1	25	20.30	20.52	20.60	20.16	20.33	22.00
10	64QAM	1	49	20.28	20.42	20.57	20.13	20.21	22.00
10	64QAM	25	0	19.01	19.01	19.01	19.00	19.01	21.00
10	64QAM	25	12	19.81	20.02	20.07	19.72	19.80	21.00
10	64QAM	25	25	19.43	19.64	19.76	19.36	19.31	21.00
10	64QAM	50	0	19.18	19.39	19.47	19.11	19.08	21.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.79	22.97	23.09	22.63	22.71	24.00
5	QPSK	1	12	22.65	22.84	22.91	22.50	22.39	24.00
5	QPSK	1	24	22.32	22.50	22.67	22.05	22.30	24.00
5	QPSK	12	0	21.63	21.80	21.89	21.36	21.57	23.00
5	QPSK	12	7	21.51	21.75	21.74	21.31	21.41	23.00
5	QPSK	12	13	21.45	21.73	21.87	21.33	21.27	23.00

5	QPSK	25	0	21.45	21.71	21.87	21.26	21.54	23.00
5	16QAM	1	0	21.40	21.64	21.69	21.23	21.19	23.00
5	16QAM	1	12	21.56	21.63	21.69	21.29	21.31	23.00
5	16QAM	1	24	21.29	21.55	21.56	21.12	21.16	23.00
5	16QAM	12	0	20.71	20.94	21.04	20.57	20.56	22.00
5	16QAM	12	7	20.66	20.90	20.98	20.57	20.59	22.00
5	16QAM	12	13	20.65	20.78	20.82	20.44	20.46	22.00
5	16QAM	25	0	20.67	20.94	20.98	20.56	20.61	22.00
5	64QAM	1	0	20.56	20.76	20.88	20.50	20.39	22.00
5	64QAM	1	12	20.39	20.56	20.67	20.21	20.33	22.00
5	64QAM	1	24	20.35	20.48	20.53	20.10	20.21	22.00
5	64QAM	12	0	19.02	19.00	19.01	19.01	19.01	21.00
5	64QAM	12	7	19.80	19.92	20.12	19.71	19.72	21.00
5	64QAM	12	13	19.49	19.64	19.77	19.28	19.32	21.00
5	64QAM	25	0	19.30	19.40	19.49	19.07	19.04	21.00

【LTE Band 42 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 4\_Full Power】

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)			
Channel	42190	42590	42990				
Frequency (MHz)	3460	3500	3540				
20	QPSK	1	0	22.76	22.88	22.79	24.00
20	QPSK	1	49	22.68	22.85	22.67	24.00
20	QPSK	1	99	22.65	22.84	22.66	24.00
20	QPSK	50	0	21.67	21.92	21.76	23.00
20	QPSK	50	24	21.62	21.86	21.74	23.00
20	QPSK	50	50	21.62	21.84	21.71	23.00
20	QPSK	100	0	21.55	21.74	21.51	23.00
20	16QAM	1	0	21.25	21.45	21.26	23.00
20	16QAM	1	49	21.66	21.82	21.62	23.00
20	16QAM	1	99	21.31	21.48	21.29	23.00
20	16QAM	50	0	20.62	20.78	20.56	22.00
20	16QAM	50	24	20.58	20.77	20.54	22.00
20	16QAM	50	50	20.75	20.88	20.67	22.00
20	16QAM	100	0	20.65	20.82	20.68	22.00
20	64QAM	1	0	20.06	20.18	20.06	22.00
20	64QAM	1	49	20.20	20.36	20.24	22.00
20	64QAM	1	99	20.11	20.33	20.18	22.00
20	64QAM	50	0	19.11	19.26	19.16	21.00
20	64QAM	50	24	19.67	19.90	19.68	21.00
20	64QAM	50	50	19.38	19.55	19.35	21.00
20	64QAM	100	0	19.08	19.32	19.11	21.00
Channel	42165	42590	43015	Tune-up limit (dBm)			
Frequency (MHz)	3457.5	3500	3542.5				
15	QPSK	1	0	22.69	22.76	22.72	24.00
15	QPSK	1	37	22.54	22.72	22.58	24.00
15	QPSK	1	74	22.50	22.80	22.53	24.00
15	QPSK	36	0	21.64	21.85	21.68	23.00
15	QPSK	36	20	21.53	21.75	21.65	23.00
15	QPSK	36	39	21.51	21.78	21.69	23.00
15	QPSK	75	0	21.49	21.66	21.37	23.00
15	16QAM	1	0	21.19	21.42	21.12	23.00
15	16QAM	1	37	21.52	21.69	21.55	23.00
15	16QAM	1	74	21.28	21.40	21.17	23.00
15	16QAM	36	0	20.51	20.67	20.53	22.00
15	16QAM	36	20	20.45	20.63	20.53	22.00
15	16QAM	36	39	20.66	20.80	20.61	22.00
15	16QAM	75	0	20.62	20.73	20.65	22.00
15	64QAM	1	0	20.01	20.04	20.00	22.00
15	64QAM	1	37	20.17	20.24	20.17	22.00
15	64QAM	1	74	20.07	20.25	20.15	22.00
15	64QAM	36	0	19.01	19.21	19.12	21.00
15	64QAM	36	20	19.65	19.77	19.60	21.00
15	64QAM	36	39	19.27	19.44	19.33	21.00
15	64QAM	75	0	19.01	19.26	19.06	21.00
Channel	42140	42590	43040	Tune-up limit (dBm)			
Frequency (MHz)	3455	3500	3545				
10	QPSK	1	0	22.68	22.84	22.72	24.00
10	QPSK	1	25	22.64	22.71	22.59	24.00
10	QPSK	1	49	22.58	22.83	22.56	24.00
10	QPSK	25	0	21.62	21.83	21.67	23.00
10	QPSK	25	12	21.49	21.71	21.60	23.00

10	QPSK	25	25	21.49	21.71	21.58	23.00
10	QPSK	50	0	21.46	21.65	21.36	23.00
10	16QAM	1	0	21.18	21.39	21.17	23.00
10	16QAM	1	25	21.59	21.78	21.50	23.00
10	16QAM	1	49	21.25	21.42	21.20	23.00
10	16QAM	25	0	20.59	20.68	20.42	22.00
10	16QAM	25	12	20.55	20.68	20.49	22.00
10	16QAM	25	25	20.69	20.85	20.60	22.00
10	16QAM	50	0	20.52	20.71	20.63	22.00
10	64QAM	1	0	20.01	20.07	20.02	22.00
10	64QAM	1	25	20.19	20.29	20.15	22.00
10	64QAM	1	49	20.06	20.21	20.08	22.00
10	64QAM	25	0	19.04	19.14	19.13	21.00
10	64QAM	25	12	19.56	19.83	19.59	21.00
10	64QAM	25	25	19.24	19.50	19.25	21.00
10	64QAM	50	0	19.01	19.23	19.04	21.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.62	22.86	22.66	24.00
5	QPSK	1	12	22.58	22.77	22.62	24.00
5	QPSK	1	24	22.59	22.81	22.52	24.00
5	QPSK	12	0	21.65	21.90	21.72	23.00
5	QPSK	12	7	21.48	21.77	21.70	23.00
5	QPSK	12	13	21.58	21.73	21.58	23.00
5	QPSK	25	0	21.51	21.60	21.41	23.00
5	16QAM	1	0	21.16	21.36	21.17	23.00
5	16QAM	1	12	21.54	21.81	21.57	23.00
5	16QAM	1	24	21.22	21.36	21.15	23.00
5	16QAM	12	0	20.58	20.74	20.47	22.00
5	16QAM	12	7	20.47	20.74	20.49	22.00
5	16QAM	12	13	20.64	20.79	20.57	22.00
5	16QAM	25	0	20.51	20.80	20.65	22.00
5	64QAM	1	0	20.01	20.17	20.01	22.00
5	64QAM	1	12	20.17	20.31	20.16	22.00
5	64QAM	1	24	20.06	20.32	20.07	22.00
5	64QAM	12	0	19.01	19.15	19.04	21.00
5	64QAM	12	7	19.59	19.81	19.55	21.00
5	64QAM	12	13	19.28	19.49	19.34	21.00
5	64QAM	25	0	19.00	19.28	19.06	21.00

【LTE Band 42 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 4\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.76	22.88	22.79	24.00
20	QPSK	1	49	22.68	22.85	22.67	24.00
20	QPSK	1	99	22.65	22.84	22.66	24.00
20	QPSK	50	0	21.67	21.92	21.76	23.00
20	QPSK	50	24	21.62	21.86	21.74	23.00
20	QPSK	50	50	21.62	21.84	21.71	23.00
20	QPSK	100	0	21.55	21.74	21.51	23.00
20	16QAM	1	0	21.25	21.45	21.26	23.00
20	16QAM	1	49	21.66	21.82	21.62	23.00
20	16QAM	1	99	21.31	21.48	21.29	23.00
20	16QAM	50	0	20.62	20.78	20.56	22.00
20	16QAM	50	24	20.58	20.77	20.54	22.00
20	16QAM	50	50	20.75	20.88	20.67	22.00
20	16QAM	100	0	20.65	20.82	20.68	22.00
20	64QAM	1	0	20.06	20.18	20.06	22.00
20	64QAM	1	49	20.20	20.36	20.24	22.00
20	64QAM	1	99	20.11	20.33	20.18	22.00
20	64QAM	50	0	19.11	19.26	19.16	21.00
20	64QAM	50	24	19.67	19.90	19.68	21.00
20	64QAM	50	50	19.38	19.55	19.35	21.00
20	64QAM	100	0	19.08	19.32	19.11	21.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.69	22.76	22.72	24.00
15	QPSK	1	37	22.54	22.72	22.58	24.00
15	QPSK	1	74	22.50	22.80	22.53	24.00
15	QPSK	36	0	21.64	21.85	21.68	23.00

15	QPSK	36	20	21.53	21.75	21.65	23.00
15	QPSK	36	39	21.51	21.78	21.69	23.00
15	QPSK	75	0	21.49	21.66	21.37	23.00
15	16QAM	1	0	21.19	21.42	21.12	23.00
15	16QAM	1	37	21.52	21.69	21.55	23.00
15	16QAM	1	74	21.28	21.40	21.17	23.00
15	16QAM	36	0	20.51	20.67	20.53	22.00
15	16QAM	36	20	20.45	20.63	20.53	22.00
15	16QAM	36	39	20.66	20.80	20.61	22.00
15	16QAM	75	0	20.62	20.73	20.65	22.00
15	64QAM	1	0	20.01	20.04	20.00	22.00
15	64QAM	1	37	20.17	20.24	20.17	22.00
15	64QAM	1	74	20.07	20.25	20.15	22.00
15	64QAM	36	0	19.01	19.21	19.12	21.00
15	64QAM	36	20	19.65	19.77	19.60	21.00
15	64QAM	36	39	19.27	19.44	19.33	21.00
15	64QAM	75	0	19.01	19.26	19.06	21.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.68	22.84	22.72	24.00
10	QPSK	1	25	22.64	22.71	22.59	24.00
10	QPSK	1	49	22.58	22.83	22.56	24.00
10	QPSK	25	0	21.62	21.83	21.67	23.00
10	QPSK	25	12	21.49	21.71	21.60	23.00
10	QPSK	25	25	21.49	21.71	21.58	23.00
10	QPSK	50	0	21.46	21.65	21.36	23.00
10	16QAM	1	0	21.18	21.39	21.17	23.00
10	16QAM	1	25	21.59	21.78	21.50	23.00
10	16QAM	1	49	21.25	21.42	21.20	23.00
10	16QAM	25	0	20.59	20.68	20.42	22.00
10	16QAM	25	12	20.55	20.68	20.49	22.00
10	16QAM	25	25	20.69	20.85	20.60	22.00
10	16QAM	50	0	20.52	20.71	20.63	22.00
10	64QAM	1	0	20.01	20.07	20.02	22.00
10	64QAM	1	25	20.19	20.29	20.15	22.00
10	64QAM	1	49	20.06	20.21	20.08	22.00
10	64QAM	25	0	19.04	19.14	19.13	21.00
10	64QAM	25	12	19.56	19.83	19.59	21.00
10	64QAM	25	25	19.24	19.50	19.25	21.00
10	64QAM	50	0	19.01	19.23	19.04	21.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.62	22.86	22.66	24.00
5	QPSK	1	12	22.58	22.77	22.62	24.00
5	QPSK	1	24	22.59	22.81	22.52	24.00
5	QPSK	12	0	21.65	21.90	21.72	23.00
5	QPSK	12	7	21.48	21.77	21.70	23.00
5	QPSK	12	13	21.58	21.73	21.58	23.00
5	QPSK	25	0	21.51	21.60	21.41	23.00
5	16QAM	1	0	21.16	21.36	21.17	23.00
5	16QAM	1	12	21.54	21.81	21.57	23.00
5	16QAM	1	24	21.22	21.36	21.15	23.00
5	16QAM	12	0	20.58	20.74	20.47	22.00
5	16QAM	12	7	20.47	20.74	20.49	22.00
5	16QAM	12	13	20.64	20.79	20.57	22.00
5	16QAM	25	0	20.51	20.80	20.65	22.00
5	64QAM	1	0	20.01	20.17	20.01	22.00
5	64QAM	1	12	20.17	20.31	20.16	22.00
5	64QAM	1	24	20.06	20.32	20.07	22.00
5	64QAM	12	0	19.01	19.15	19.04	21.00
5	64QAM	12	7	19.59	19.81	19.55	21.00
5	64QAM	12	13	19.28	19.49	19.34	21.00
5	64QAM	25	0	19.00	19.28	19.06	21.00

【LTE Band 42 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 4\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.76	22.88	22.79	24.00
20	QPSK	1	49	22.68	22.85	22.67	24.00
20	QPSK	1	99	22.65	22.84	22.66	24.00



20	QPSK	50	0	21.67	21.92	21.76	23.00
20	QPSK	50	24	21.62	21.86	21.74	23.00
20	QPSK	50	50	21.62	21.84	21.71	23.00
20	QPSK	100	0	21.55	21.74	21.51	23.00
20	16QAM	1	0	21.25	21.45	21.26	23.00
20	16QAM	1	49	21.66	21.82	21.62	23.00
20	16QAM	1	99	21.31	21.48	21.29	23.00
20	16QAM	50	0	20.62	20.78	20.56	22.00
20	16QAM	50	24	20.58	20.77	20.54	22.00
20	16QAM	50	50	20.75	20.88	20.67	22.00
20	16QAM	100	0	20.65	20.82	20.68	22.00
20	64QAM	1	0	20.06	20.18	20.06	22.00
20	64QAM	1	49	20.20	20.36	20.24	22.00
20	64QAM	1	99	20.11	20.33	20.18	22.00
20	64QAM	50	0	19.11	19.26	19.16	21.00
20	64QAM	50	24	19.67	19.90	19.68	21.00
20	64QAM	50	50	19.38	19.55	19.35	21.00
20	64QAM	100	0	19.08	19.32	19.11	21.00
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	22.69	22.76	22.72	24.00
15	QPSK	1	37	22.54	22.72	22.58	24.00
15	QPSK	1	74	22.50	22.80	22.53	24.00
15	QPSK	36	0	21.64	21.85	21.68	23.00
15	QPSK	36	20	21.53	21.75	21.65	23.00
15	QPSK	36	39	21.51	21.78	21.69	23.00
15	QPSK	75	0	21.49	21.66	21.37	23.00
15	16QAM	1	0	21.19	21.42	21.12	23.00
15	16QAM	1	37	21.52	21.69	21.55	23.00
15	16QAM	1	74	21.28	21.40	21.17	23.00
15	16QAM	36	0	20.51	20.67	20.53	22.00
15	16QAM	36	20	20.45	20.63	20.53	22.00
15	16QAM	36	39	20.66	20.80	20.61	22.00
15	16QAM	75	0	20.62	20.73	20.65	22.00
15	64QAM	1	0	20.01	20.04	20.00	22.00
15	64QAM	1	37	20.17	20.24	20.17	22.00
15	64QAM	1	74	20.07	20.25	20.15	22.00
15	64QAM	36	0	19.01	19.21	19.12	21.00
15	64QAM	36	20	19.65	19.77	19.60	21.00
15	64QAM	36	39	19.27	19.44	19.33	21.00
15	64QAM	75	0	19.01	19.26	19.06	21.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	22.68	22.84	22.72	24.00
10	QPSK	1	25	22.64	22.71	22.59	24.00
10	QPSK	1	49	22.58	22.83	22.56	24.00
10	QPSK	25	0	21.62	21.83	21.67	23.00
10	QPSK	25	12	21.49	21.71	21.60	23.00
10	QPSK	25	25	21.49	21.71	21.58	23.00
10	QPSK	50	0	21.46	21.65	21.36	23.00
10	16QAM	1	0	21.18	21.39	21.17	23.00
10	16QAM	1	25	21.59	21.78	21.50	23.00
10	16QAM	1	49	21.25	21.42	21.20	23.00
10	16QAM	25	0	20.59	20.68	20.42	22.00
10	16QAM	25	12	20.55	20.68	20.49	22.00
10	16QAM	25	25	20.69	20.85	20.60	22.00
10	16QAM	50	0	20.52	20.71	20.63	22.00
10	64QAM	1	0	20.01	20.07	20.02	22.00
10	64QAM	1	25	20.19	20.29	20.15	22.00
10	64QAM	1	49	20.06	20.21	20.08	22.00
10	64QAM	25	0	19.04	19.14	19.13	21.00
10	64QAM	25	12	19.56	19.83	19.59	21.00
10	64QAM	25	25	19.24	19.50	19.25	21.00
10	64QAM	50	0	19.01	19.23	19.04	21.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	22.62	22.86	22.66	24.00
5	QPSK	1	12	22.58	22.77	22.62	24.00
5	QPSK	1	24	22.59	22.81	22.52	24.00
5	QPSK	12	0	21.65	21.90	21.72	23.00
5	QPSK	12	7	21.48	21.77	21.70	23.00
5	QPSK	12	13	21.58	21.73	21.58	23.00
5	QPSK	25	0	21.51	21.60	21.41	23.00
5	16QAM	1	0	21.16	21.36	21.17	23.00
5	16QAM	1	12	21.54	21.81	21.57	23.00
5	16QAM	1	24	21.22	21.36	21.15	23.00
5	16QAM	12	0	20.58	20.74	20.47	22.00
5	16QAM	12	7	20.47	20.74	20.49	22.00

5	16QAM	12	13	20.64	20.79	20.57	22.00
5	16QAM	25	0	20.51	20.80	20.65	22.00
5	64QAM	1	0	20.01	20.17	20.01	22.00
5	64QAM	1	12	20.17	20.31	20.16	22.00
5	64QAM	1	24	20.06	20.32	20.07	22.00
5	64QAM	12	0	19.01	19.15	19.04	21.00
5	64QAM	12	7	19.59	19.81	19.55	21.00
5	64QAM	12	13	19.28	19.49	19.34	21.00
5	64QAM	25	0	19.00	19.28	19.06	21.00

**【LTE Band 66\_Ant 0\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.15	23.17	22.95	24.00
20	QPSK	1	49	22.79	22.86	22.55	24.00
20	QPSK	1	99	22.82	22.90	22.56	24.00
20	QPSK	50	0	21.93	22.07	21.77	23.00
20	QPSK	50	24	21.85	22.02	21.67	23.00
20	QPSK	50	50	21.75	21.87	21.62	23.00
20	QPSK	100	0	21.87	21.96	21.66	23.00
20	16QAM	1	0	22.37	22.40	22.14	23.00
20	16QAM	1	49	22.39	22.42	22.19	23.00
20	16QAM	1	99	22.30	22.43	22.21	23.00
20	16QAM	50	0	21.02	21.06	20.79	22.00
20	16QAM	50	24	20.88	21.00	20.75	22.00
20	16QAM	50	50	20.78	20.91	20.59	22.00
20	16QAM	100	0	20.92	21.00	20.72	22.00
20	64QAM	1	0	20.75	20.84	20.55	22.00
20	64QAM	1	49	20.70	20.81	20.52	22.00
20	64QAM	1	99	20.70	20.78	20.55	22.00
20	64QAM	50	0	19.81	19.85	19.62	21.00
20	64QAM	50	24	19.95	20.07	19.85	21.00
20	64QAM	50	50	19.00	19.12	19.01	21.00
20	64QAM	100	0	19.94	20.02	19.72	21.00
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.05	23.03	22.83	24.00
15	QPSK	1	37	22.74	22.77	22.54	24.00
15	QPSK	1	74	22.74	22.86	22.54	24.00
15	QPSK	36	0	21.87	21.93	21.63	23.00
15	QPSK	36	20	21.78	21.88	21.62	23.00
15	QPSK	36	39	21.68	21.77	21.52	23.00
15	QPSK	75	0	21.82	21.85	21.54	23.00
15	16QAM	1	0	22.35	22.35	22.12	23.00
15	16QAM	1	37	22.33	22.35	22.13	23.00
15	16QAM	1	74	22.16	22.37	22.16	23.00
15	16QAM	36	0	20.93	21.05	20.77	22.00
15	16QAM	36	20	20.75	20.99	20.64	22.00
15	16QAM	36	39	20.73	20.81	20.44	22.00
15	16QAM	75	0	20.79	20.93	20.58	22.00
15	64QAM	1	0	20.66	20.82	20.51	22.00
15	64QAM	1	37	20.58	20.70	20.42	22.00
15	64QAM	1	74	20.59	20.63	20.40	22.00
15	64QAM	36	0	19.75	19.81	19.56	21.00
15	64QAM	36	20	19.81	20.01	19.82	21.00
15	64QAM	36	39	19.01	19.10	19.00	21.00
15	64QAM	75	0	19.85	19.93	19.64	21.00
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.14	23.07	22.92	24.00
10	QPSK	1	25	22.65	22.85	22.45	24.00
10	QPSK	1	49	22.69	22.79	22.52	24.00
10	QPSK	25	0	21.85	22.05	21.68	23.00
10	QPSK	25	12	21.79	21.93	21.58	23.00
10	QPSK	25	25	21.67	21.75	21.57	23.00
10	QPSK	50	0	21.81	21.82	21.55	23.00
10	16QAM	1	0	22.28	22.37	22.02	23.00
10	16QAM	1	25	22.31	22.32	22.09	23.00
10	16QAM	1	49	22.22	22.34	22.11	23.00
10	16QAM	25	0	20.92	20.98	20.68	22.00



10	16QAM	25	12	20.84	20.88	20.73	22.00
10	16QAM	25	25	20.70	20.84	20.51	22.00
10	16QAM	50	0	20.87	20.94	20.71	22.00
10	64QAM	1	0	20.63	20.72	20.49	22.00
10	64QAM	1	25	20.65	20.74	20.50	22.00
10	64QAM	1	49	20.63	20.75	20.47	22.00
10	64QAM	25	0	19.67	19.78	19.53	21.00
10	64QAM	25	12	19.93	19.92	19.83	21.00
10	64QAM	25	25	19.01	19.09	19.00	21.00
10	64QAM	50	0	19.82	19.92	19.60	21.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.11	23.07	22.81	24.00
5	QPSK	1	12	22.66	22.85	22.52	24.00
5	QPSK	1	24	22.71	22.86	22.46	24.00
5	QPSK	12	0	21.92	22.05	21.67	23.00
5	QPSK	12	7	21.77	21.95	21.63	23.00
5	QPSK	12	13	21.69	21.76	21.50	23.00
5	QPSK	25	0	21.86	21.88	21.55	23.00
5	16QAM	1	0	22.26	22.34	22.00	23.00
5	16QAM	1	12	22.37	22.34	22.17	23.00
5	16QAM	1	24	22.25	22.36	22.09	23.00
5	16QAM	12	0	20.98	21.02	20.65	22.00
5	16QAM	12	7	20.74	20.98	20.66	22.00
5	16QAM	12	13	20.74	20.77	20.45	22.00
5	16QAM	25	0	20.90	20.86	20.65	22.00
5	64QAM	1	0	20.70	20.79	20.43	22.00
5	64QAM	1	12	20.63	20.69	20.41	22.00
5	64QAM	1	24	20.64	20.77	20.49	22.00
5	64QAM	12	0	19.67	19.81	19.48	21.00
5	64QAM	12	7	19.86	19.97	19.76	21.00
5	64QAM	12	13	19.01	19.03	19.00	21.00
5	64QAM	25	0	19.82	19.89	19.66	21.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.07	23.14	22.90	24.00
3	QPSK	1	8	22.67	22.84	22.43	24.00
3	QPSK	1	14	22.75	22.85	22.43	24.00
3	QPSK	8	0	21.84	22.06	21.68	23.00
3	QPSK	8	4	21.84	21.98	21.57	23.00
3	QPSK	8	7	21.67	21.83	21.57	23.00
3	QPSK	15	0	21.73	21.82	21.64	23.00
3	16QAM	1	0	22.32	22.36	22.10	23.00
3	16QAM	1	8	22.27	22.31	22.06	23.00
3	16QAM	1	14	22.16	22.34	22.12	23.00
3	16QAM	8	0	20.92	21.04	20.67	22.00
3	16QAM	8	4	20.81	20.98	20.74	22.00
3	16QAM	8	7	20.64	20.78	20.46	22.00
3	16QAM	15	0	20.82	20.92	20.68	22.00
3	64QAM	1	0	20.72	20.81	20.41	22.00
3	64QAM	1	8	20.58	20.72	20.39	22.00
3	64QAM	1	14	20.60	20.72	20.50	22.00
3	64QAM	8	0	19.76	19.72	19.51	21.00
3	64QAM	8	4	19.90	19.96	19.78	21.00
3	64QAM	8	7	19.00	19.00	19.00	21.00
3	64QAM	15	0	19.88	19.91	19.62	21.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.09	23.05	22.93	24.00
1.4	QPSK	1	3	22.70	22.77	22.53	24.00
1.4	QPSK	1	5	22.70	22.83	22.44	24.00
1.4	QPSK	3	0	22.81	23.01	22.74	24.00
1.4	QPSK	3	1	22.77	23.00	22.55	24.00
1.4	QPSK	3	3	22.62	22.82	22.56	24.00
1.4	QPSK	6	0	21.83	21.83	21.53	23.00
1.4	16QAM	1	0	22.33	22.33	22.05	23.00
1.4	16QAM	1	3	22.27	22.30	22.16	23.00
1.4	16QAM	1	5	22.20	22.40	22.07	23.00
1.4	16QAM	3	0	21.98	21.96	21.71	23.00
1.4	16QAM	3	1	21.84	21.85	21.73	23.00
1.4	16QAM	3	3	21.70	21.85	21.56	23.00
1.4	16QAM	6	0	20.86	20.96	20.69	22.00
1.4	64QAM	1	0	20.67	20.72	20.46	22.00
1.4	64QAM	1	3	20.57	20.71	20.39	22.00
1.4	64QAM	1	5	20.67	20.76	20.43	22.00
1.4	64QAM	3	0	20.75	20.73	20.60	22.00
1.4	64QAM	3	1	20.94	20.95	20.80	22.00
1.4	64QAM	3	3	20.00	20.09	20.00	22.00

1.4	64QAM	6	0	19.79	19.98	19.67	21.00
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**【LTE Band 66\_Ant 0\_Receiver on】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.15	23.17	22.95	24.00
20	QPSK	1	49	22.79	22.86	22.55	24.00
20	QPSK	1	99	22.82	22.90	22.56	24.00
20	QPSK	50	0	21.93	22.07	21.77	23.00
20	QPSK	50	24	21.85	22.02	21.67	23.00
20	QPSK	50	50	21.75	21.87	21.62	23.00
20	QPSK	100	0	21.87	21.96	21.66	23.00
20	16QAM	1	0	22.37	22.40	22.14	23.00
20	16QAM	1	49	22.39	22.42	22.19	23.00
20	16QAM	1	99	22.30	22.43	22.21	23.00
20	16QAM	50	0	21.02	21.06	20.79	22.00
20	16QAM	50	24	20.88	21.00	20.75	22.00
20	16QAM	50	50	20.78	20.91	20.59	22.00
20	16QAM	100	0	20.92	21.00	20.72	22.00
20	64QAM	1	0	20.75	20.84	20.55	22.00
20	64QAM	1	49	20.70	20.81	20.52	22.00
20	64QAM	1	99	20.70	20.78	20.55	22.00
20	64QAM	50	0	19.81	19.85	19.62	21.00
20	64QAM	50	24	19.95	20.07	19.85	21.00
20	64QAM	50	50	19.00	19.12	19.01	21.00
20	64QAM	100	0	19.94	20.02	19.72	21.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.05	23.03	22.83	24.00
15	QPSK	1	37	22.74	22.77	22.54	24.00
15	QPSK	1	74	22.74	22.86	22.54	24.00
15	QPSK	36	0	21.87	21.93	21.63	23.00
15	QPSK	36	20	21.78	21.88	21.62	23.00
15	QPSK	36	39	21.68	21.77	21.52	23.00
15	QPSK	75	0	21.82	21.85	21.54	23.00
15	16QAM	1	0	22.35	22.35	22.12	23.00
15	16QAM	1	37	22.33	22.35	22.13	23.00
15	16QAM	1	74	22.16	22.37	22.16	23.00
15	16QAM	36	0	20.93	21.05	20.77	22.00
15	16QAM	36	20	20.75	20.99	20.64	22.00
15	16QAM	36	39	20.73	20.81	20.44	22.00
15	16QAM	75	0	20.79	20.93	20.58	22.00
15	64QAM	1	0	20.66	20.82	20.51	22.00
15	64QAM	1	37	20.58	20.70	20.42	22.00
15	64QAM	1	74	20.59	20.63	20.40	22.00
15	64QAM	36	0	19.75	19.81	19.56	21.00
15	64QAM	36	20	19.81	20.01	19.82	21.00
15	64QAM	36	39	19.01	19.10	19.00	21.00
15	64QAM	75	0	19.85	19.93	19.64	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.14	23.07	22.92	24.00
10	QPSK	1	25	22.65	22.85	22.45	24.00
10	QPSK	1	49	22.69	22.79	22.52	24.00
10	QPSK	25	0	21.85	22.05	21.68	23.00
10	QPSK	25	12	21.79	21.93	21.58	23.00
10	QPSK	25	25	21.67	21.75	21.57	23.00
10	QPSK	50	0	21.81	21.82	21.55	23.00
10	16QAM	1	0	22.28	22.37	22.02	23.00
10	16QAM	1	25	22.31	22.32	22.09	23.00
10	16QAM	1	49	22.22	22.34	22.11	23.00
10	16QAM	25	0	20.92	20.98	20.68	22.00
10	16QAM	25	12	20.84	20.88	20.73	22.00
10	16QAM	25	25	20.70	20.84	20.51	22.00
10	16QAM	50	0	20.87	20.94	20.71	22.00
10	64QAM	1	0	20.63	20.72	20.49	22.00
10	64QAM	1	25	20.65	20.74	20.50	22.00
10	64QAM	1	49	20.63	20.75	20.47	22.00
10	64QAM	25	0	19.67	19.78	19.53	21.00
10	64QAM	25	12	19.93	19.92	19.83	21.00

10	64QAM	25	25	19.01	19.09	19.00	21.00
10	64QAM	50	0	19.82	19.92	19.60	21.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.11	23.07	22.81	24.00
5	QPSK	1	12	22.66	22.85	22.52	24.00
5	QPSK	1	24	22.71	22.86	22.46	24.00
5	QPSK	12	0	21.92	22.05	21.67	23.00
5	QPSK	12	7	21.77	21.95	21.63	23.00
5	QPSK	12	13	21.69	21.76	21.50	23.00
5	QPSK	25	0	21.86	21.88	21.55	23.00
5	16QAM	1	0	22.26	22.34	22.00	23.00
5	16QAM	1	12	22.37	22.34	22.17	23.00
5	16QAM	1	24	22.25	22.36	22.09	23.00
5	16QAM	12	0	20.98	21.02	20.65	22.00
5	16QAM	12	7	20.74	20.98	20.66	22.00
5	16QAM	12	13	20.74	20.77	20.45	22.00
5	16QAM	25	0	20.90	20.86	20.65	22.00
5	64QAM	1	0	20.70	20.79	20.43	22.00
5	64QAM	1	12	20.63	20.69	20.41	22.00
5	64QAM	1	24	20.64	20.77	20.49	22.00
5	64QAM	12	0	19.67	19.81	19.48	21.00
5	64QAM	12	7	19.86	19.97	19.76	21.00
5	64QAM	12	13	19.01	19.03	19.00	21.00
5	64QAM	25	0	19.82	19.89	19.66	21.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.07	23.14	22.90	24.00
3	QPSK	1	8	22.67	22.84	22.43	24.00
3	QPSK	1	14	22.75	22.85	22.43	24.00
3	QPSK	8	0	21.84	22.06	21.68	23.00
3	QPSK	8	4	21.84	21.98	21.57	23.00
3	QPSK	8	7	21.67	21.83	21.57	23.00
3	QPSK	15	0	21.73	21.82	21.64	23.00
3	16QAM	1	0	22.32	22.36	22.10	23.00
3	16QAM	1	8	22.27	22.31	22.06	23.00
3	16QAM	1	14	22.16	22.34	22.12	23.00
3	16QAM	8	0	20.92	21.04	20.67	22.00
3	16QAM	8	4	20.81	20.98	20.74	22.00
3	16QAM	8	7	20.64	20.78	20.46	22.00
3	16QAM	15	0	20.82	20.92	20.68	22.00
3	64QAM	1	0	20.72	20.81	20.41	22.00
3	64QAM	1	8	20.58	20.72	20.39	22.00
3	64QAM	1	14	20.60	20.72	20.50	22.00
3	64QAM	8	0	19.76	19.72	19.51	21.00
3	64QAM	8	4	19.90	19.96	19.78	21.00
3	64QAM	8	7	19.00	19.00	19.00	21.00
3	64QAM	15	0	19.88	19.91	19.62	21.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.09	23.05	22.93	24.00
1.4	QPSK	1	3	22.70	22.77	22.53	24.00
1.4	QPSK	1	5	22.70	22.83	22.44	24.00
1.4	QPSK	3	0	22.81	23.01	22.74	24.00
1.4	QPSK	3	1	22.77	23.00	22.55	24.00
1.4	QPSK	3	3	22.62	22.82	22.56	24.00
1.4	QPSK	6	0	21.83	21.83	21.53	23.00
1.4	16QAM	1	0	22.33	22.33	22.05	23.00
1.4	16QAM	1	3	22.27	22.30	22.16	23.00
1.4	16QAM	1	5	22.20	22.40	22.07	23.00
1.4	16QAM	3	0	21.98	21.96	21.71	23.00
1.4	16QAM	3	1	21.84	21.85	21.73	23.00
1.4	16QAM	3	3	21.70	21.85	21.56	23.00
1.4	16QAM	6	0	20.86	20.96	20.69	22.00
1.4	64QAM	1	0	20.67	20.72	20.46	22.00
1.4	64QAM	1	3	20.57	20.71	20.39	22.00
1.4	64QAM	1	5	20.67	20.76	20.43	22.00
1.4	64QAM	3	0	20.75	20.73	20.60	22.00
1.4	64QAM	3	1	20.94	20.95	20.80	22.00
1.4	64QAM	3	3	20.00	20.09	20.00	22.00
1.4	64QAM	6	0	19.79	19.98	19.67	21.00

【LTE Band 66\_Ant 0\_Receiver off】



BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.13	20.21	19.99	21.00
20	QPSK	1	49	19.96	19.92	19.97	21.00
20	QPSK	1	99	19.91	19.91	19.97	21.00
20	QPSK	50	0	19.95	20.01	19.99	21.00
20	QPSK	50	24	19.93	19.93	19.94	21.00
20	QPSK	50	50	19.94	19.98	19.94	21.00
20	QPSK	100	0	19.94	19.93	19.96	21.00
20	16QAM	1	0	19.95	19.94	19.94	21.00
20	16QAM	1	49	19.95	19.93	19.94	21.00
20	16QAM	1	99	19.93	19.92	19.91	21.00
20	16QAM	50	0	19.92	19.96	19.95	21.00
20	16QAM	50	24	19.99	19.96	19.97	21.00
20	16QAM	50	50	19.96	19.98	19.97	21.00
20	16QAM	100	0	19.94	19.93	19.95	21.00
20	64QAM	1	0	19.94	19.91	19.98	21.00
20	64QAM	1	49	19.98	19.94	19.92	21.00
20	64QAM	1	99	19.93	19.92	19.91	21.00
20	64QAM	50	0	19.81	19.85	19.62	21.00
20	64QAM	50	24	19.95	20.07	19.85	21.00
20	64QAM	50	50	19.00	19.12	19.01	21.00
20	64QAM	100	0	19.94	20.02	19.72	21.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.06	20.12	19.95	21.00
15	QPSK	1	37	19.87	19.90	19.96	21.00
15	QPSK	1	74	19.79	19.83	19.90	21.00
15	QPSK	36	0	19.91	19.99	19.84	21.00
15	QPSK	36	20	19.84	19.79	19.84	21.00
15	QPSK	36	39	19.82	19.96	19.90	21.00
15	QPSK	75	0	19.81	19.79	19.82	21.00
15	16QAM	1	0	19.83	19.85	19.87	21.00
15	16QAM	1	37	19.87	19.84	19.81	21.00
15	16QAM	1	74	19.92	19.83	19.86	21.00
15	16QAM	36	0	19.78	19.94	19.91	21.00
15	16QAM	36	20	19.97	19.90	19.90	21.00
15	16QAM	36	39	19.93	19.93	19.93	21.00
15	16QAM	75	0	19.86	19.81	19.88	21.00
15	64QAM	1	0	19.89	19.85	19.92	21.00
15	64QAM	1	37	19.91	19.88	19.78	21.00
15	64QAM	1	74	19.79	19.78	19.86	21.00
15	64QAM	36	0	19.78	19.82	19.48	21.00
15	64QAM	36	20	19.84	19.96	19.79	21.00
15	64QAM	36	39	19.01	19.11	19.00	21.00
15	64QAM	75	0	19.87	19.91	19.65	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.11	20.14	19.95	21.00
10	QPSK	1	25	19.93	19.88	19.87	21.00
10	QPSK	1	49	19.83	19.78	19.86	21.00
10	QPSK	25	0	19.92	19.87	19.87	21.00
10	QPSK	25	12	19.83	19.87	19.91	21.00
10	QPSK	25	25	19.80	19.90	19.84	21.00
10	QPSK	50	0	19.86	19.82	19.90	21.00
10	16QAM	1	0	19.87	19.91	19.88	21.00
10	16QAM	1	25	19.93	19.81	19.89	21.00
10	16QAM	1	49	19.79	19.89	19.87	21.00
10	16QAM	25	0	19.79	19.87	19.89	21.00
10	16QAM	25	12	19.91	19.89	19.92	21.00
10	16QAM	25	25	19.85	19.87	19.86	21.00
10	16QAM	50	0	19.84	19.83	19.85	21.00
10	64QAM	1	0	19.84	19.88	19.84	21.00
10	64QAM	1	25	19.86	19.93	19.81	21.00
10	64QAM	1	49	19.91	19.84	19.88	21.00
10	64QAM	25	0	19.68	19.82	19.53	21.00
10	64QAM	25	12	19.84	19.95	19.78	21.00
10	64QAM	25	25	19.00	19.01	19.00	21.00
10	64QAM	50	0	19.82	19.94	19.66	21.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	20.11	20.15	19.89	21.00
5	QPSK	1	12	19.95	19.88	19.85	21.00
5	QPSK	1	24	19.88	19.81	19.94	21.00
5	QPSK	12	0	19.87	19.88	19.93	21.00

5	QPSK	12	7	19.78	19.81	19.91	21.00
5	QPSK	12	13	19.92	19.95	19.81	21.00
5	QPSK	25	0	19.85	19.87	19.93	21.00
5	16QAM	1	0	19.86	19.86	19.89	21.00
5	16QAM	1	12	19.83	19.82	19.90	21.00
5	16QAM	1	24	19.81	19.81	19.85	21.00
5	16QAM	12	0	19.81	19.93	19.82	21.00
5	16QAM	12	7	19.90	19.85	19.92	21.00
5	16QAM	12	13	19.82	19.84	19.83	21.00
5	16QAM	25	0	19.83	19.82	19.87	21.00
5	64QAM	1	0	19.83	19.86	19.95	21.00
5	64QAM	1	12	19.84	19.87	19.85	21.00
5	64QAM	1	24	19.89	19.81	19.79	21.00
5	64QAM	12	0	19.79	19.80	19.48	21.00
5	64QAM	12	7	19.91	19.93	19.81	21.00
5	64QAM	12	13	19.01	19.07	19.01	21.00
5	64QAM	25	0	19.84	19.95	19.69	21.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	20.10	20.12	19.84	21.00
3	QPSK	1	8	19.82	19.82	19.90	21.00
3	QPSK	1	14	19.88	19.85	19.95	21.00
3	QPSK	8	0	19.84	19.95	19.93	21.00
3	QPSK	8	4	19.81	19.90	19.89	21.00
3	QPSK	8	7	19.82	19.92	19.86	21.00
3	QPSK	15	0	19.80	19.90	19.92	21.00
3	16QAM	1	0	19.84	19.81	19.81	21.00
3	16QAM	1	8	19.87	19.79	19.79	21.00
3	16QAM	1	14	19.89	19.90	19.85	21.00
3	16QAM	8	0	19.87	19.93	19.87	21.00
3	16QAM	8	4	19.91	19.92	19.88	21.00
3	16QAM	8	7	19.90	19.93	19.89	21.00
3	16QAM	15	0	19.91	19.82	19.94	21.00
3	64QAM	1	0	19.85	19.84	19.92	21.00
3	64QAM	1	8	19.90	19.92	19.84	21.00
3	64QAM	1	14	19.81	19.86	19.80	21.00
3	64QAM	8	0	19.72	19.78	19.48	21.00
3	64QAM	8	4	19.84	19.94	19.79	21.00
3	64QAM	8	7	19.00	19.00	19.00	21.00
3	64QAM	15	0	19.86	19.89	19.71	21.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.04	20.09	19.82	21.00
1.4	QPSK	1	3	19.89	19.81	19.94	21.00
1.4	QPSK	1	5	19.85	19.78	19.92	21.00
1.4	QPSK	3	0	19.92	19.86	19.95	21.00
1.4	QPSK	3	1	19.78	19.86	19.89	21.00
1.4	QPSK	3	3	19.89	19.91	19.87	21.00
1.4	QPSK	6	0	19.89	19.90	19.92	21.00
1.4	16QAM	1	0	19.91	19.80	19.87	21.00
1.4	16QAM	1	3	19.93	19.91	19.84	21.00
1.4	16QAM	1	5	19.84	19.81	19.84	21.00
1.4	16QAM	3	0	19.89	19.87	19.94	21.00
1.4	16QAM	3	1	19.91	19.85	19.88	21.00
1.4	16QAM	3	3	19.87	19.95	19.84	21.00
1.4	16QAM	6	0	19.89	19.86	19.88	21.00
1.4	64QAM	1	0	19.80	19.79	19.96	21.00
1.4	64QAM	1	3	19.90	19.92	19.89	21.00
1.4	64QAM	1	5	19.87	19.80	19.87	21.00
1.4	64QAM	3	0	19.74	19.83	19.49	21.00
1.4	64QAM	3	1	19.82	20.02	19.82	21.00
1.4	64QAM	3	3	19.00	19.09	19.00	21.00
1.4	64QAM	6	0	19.86	19.92	19.62	21.00

**【LTE Band 71\_Ant 0\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.71	23.74	23.63	25.00
20	QPSK	1	49	23.57	23.61	23.45	25.00
20	QPSK	1	99	23.66	23.71	23.56	25.00

20	QPSK	50	0	22.56	22.64	22.42	24.00
20	QPSK	50	24	22.50	22.56	22.33	24.00
20	QPSK	50	50	22.45	22.56	22.38	24.00
20	QPSK	100	0	22.37	22.48	22.32	24.00
20	16QAM	1	0	22.64	22.71	22.46	24.00
20	16QAM	1	49	22.39	22.55	22.42	24.00
20	16QAM	1	99	22.48	22.65	22.43	24.00
20	16QAM	50	0	21.64	21.71	21.54	23.00
20	16QAM	50	24	21.47	21.60	21.44	23.00
20	16QAM	50	50	21.60	21.67	21.44	23.00
20	16QAM	100	0	21.50	21.58	21.39	23.00
20	64QAM	1	0	21.90	22.07	21.94	23.00
20	64QAM	1	49	21.76	21.85	21.71	23.00
20	64QAM	1	99	21.89	22.00	21.77	23.00
20	64QAM	50	0	20.84	20.88	20.75	22.00
20	64QAM	50	24	20.16	20.24	20.08	22.00
20	64QAM	50	50	20.41	20.52	20.28	22.00
20	64QAM	100	0	20.14	20.24	20.12	22.00
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	23.64	23.65	23.61	25.00
15	QPSK	1	37	23.52	23.50	23.38	25.00
15	QPSK	1	74	23.61	23.68	23.47	25.00
15	QPSK	36	0	22.54	22.57	22.35	24.00
15	QPSK	36	20	22.48	22.49	22.19	24.00
15	QPSK	36	39	22.38	22.53	22.25	24.00
15	QPSK	75	0	22.33	22.39	22.21	24.00
15	16QAM	1	0	22.57	22.68	22.44	24.00
15	16QAM	1	37	22.30	22.40	22.37	24.00
15	16QAM	1	74	22.44	22.61	22.30	24.00
15	16QAM	36	0	21.59	21.57	21.41	23.00
15	16QAM	36	20	21.38	21.57	21.33	23.00
15	16QAM	36	39	21.50	21.53	21.38	23.00
15	16QAM	75	0	21.38	21.45	21.37	23.00
15	64QAM	1	0	21.83	21.96	21.80	23.00
15	64QAM	1	37	21.73	21.84	21.66	23.00
15	64QAM	1	74	21.76	21.94	21.70	23.00
15	64QAM	36	0	20.77	20.85	20.65	22.00
15	64QAM	36	20	20.07	20.20	20.07	22.00
15	64QAM	36	39	20.32	20.50	20.18	22.00
15	64QAM	75	0	20.07	20.14	20.00	22.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.69	23.70	23.49	25.00
10	QPSK	1	25	23.56	23.49	23.43	25.00
10	QPSK	1	49	23.60	23.58	23.48	25.00
10	QPSK	25	0	22.50	22.63	22.30	24.00
10	QPSK	25	12	22.36	22.46	22.23	24.00
10	QPSK	25	25	22.41	22.46	22.27	24.00
10	QPSK	50	0	22.28	22.40	22.29	24.00
10	16QAM	1	0	22.60	22.64	22.32	24.00
10	16QAM	1	25	22.33	22.43	22.34	24.00
10	16QAM	1	49	22.46	22.62	22.37	24.00
10	16QAM	25	0	21.52	21.68	21.50	23.00
10	16QAM	25	12	21.44	21.52	21.36	23.00
10	16QAM	25	25	21.51	21.56	21.37	23.00
10	16QAM	50	0	21.36	21.51	21.25	23.00
10	64QAM	1	0	21.84	21.96	21.81	23.00
10	64QAM	1	25	21.68	21.82	21.69	23.00
10	64QAM	1	49	21.82	21.87	21.75	23.00
10	64QAM	25	0	20.72	20.82	20.70	22.00
10	64QAM	25	12	20.06	20.14	20.06	22.00
10	64QAM	25	25	20.37	20.38	20.14	22.00
10	64QAM	50	0	20.08	20.17	20.02	22.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.69	23.69	23.52	25.00
5	QPSK	1	12	23.43	23.48	23.36	25.00
5	QPSK	1	24	23.61	23.63	23.50	25.00
5	QPSK	12	0	22.49	22.50	22.28	24.00
5	QPSK	12	7	22.48	22.48	22.22	24.00
5	QPSK	12	13	22.44	22.44	22.36	24.00
5	QPSK	25	0	22.29	22.39	22.30	24.00
5	16QAM	1	0	22.63	22.58	22.40	24.00
5	16QAM	1	12	22.28	22.43	22.33	24.00
5	16QAM	1	24	22.37	22.51	22.29	24.00
5	16QAM	12	0	21.57	21.56	21.40	23.00
5	16QAM	12	7	21.44	21.51	21.43	23.00

5	16QAM	12	13	21.51	21.63	21.40	23.00
5	16QAM	25	0	21.44	21.53	21.31	23.00
5	64QAM	1	0	21.80	22.06	21.89	23.00
5	64QAM	1	12	21.66	21.72	21.62	23.00
5	64QAM	1	24	21.75	21.90	21.62	23.00
5	64QAM	12	0	20.72	20.82	20.61	22.00
5	64QAM	12	7	20.07	20.12	20.00	22.00
5	64QAM	12	13	20.32	20.40	20.26	22.00
5	64QAM	25	0	20.05	20.19	20.10	22.00

【LTE Band 71\_Ant 0\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.71	23.74	23.63	25.00
20	QPSK	1	49	23.57	23.61	23.45	25.00
20	QPSK	1	99	23.66	23.71	23.56	25.00
20	QPSK	50	0	22.56	22.64	22.42	24.00
20	QPSK	50	24	22.50	22.56	22.33	24.00
20	QPSK	50	50	22.45	22.56	22.38	24.00
20	QPSK	100	0	22.37	22.48	22.32	24.00
20	16QAM	1	0	22.64	22.71	22.46	24.00
20	16QAM	1	49	22.39	22.55	22.42	24.00
20	16QAM	1	99	22.48	22.65	22.43	24.00
20	16QAM	50	0	21.64	21.71	21.54	23.00
20	16QAM	50	24	21.47	21.60	21.44	23.00
20	16QAM	50	50	21.60	21.67	21.44	23.00
20	16QAM	100	0	21.50	21.58	21.39	23.00
20	64QAM	1	0	21.90	22.07	21.94	23.00
20	64QAM	1	49	21.76	21.85	21.71	23.00
20	64QAM	1	99	21.89	22.00	21.77	23.00
20	64QAM	50	0	20.84	20.88	20.75	22.00
20	64QAM	50	24	20.16	20.24	20.08	22.00
20	64QAM	50	50	20.41	20.52	20.28	22.00
20	64QAM	100	0	20.14	20.24	20.12	22.00
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	23.64	23.65	23.61	25.00
15	QPSK	1	37	23.52	23.50	23.38	25.00
15	QPSK	1	74	23.61	23.68	23.47	25.00
15	QPSK	36	0	22.54	22.57	22.35	24.00
15	QPSK	36	20	22.48	22.49	22.19	24.00
15	QPSK	36	39	22.38	22.53	22.25	24.00
15	QPSK	75	0	22.33	22.39	22.21	24.00
15	16QAM	1	0	22.57	22.68	22.44	24.00
15	16QAM	1	37	22.30	22.40	22.37	24.00
15	16QAM	1	74	22.44	22.61	22.30	24.00
15	16QAM	36	0	21.59	21.57	21.41	23.00
15	16QAM	36	20	21.38	21.57	21.33	23.00
15	16QAM	36	39	21.50	21.53	21.38	23.00
15	16QAM	75	0	21.38	21.45	21.37	23.00
15	64QAM	1	0	21.83	21.96	21.80	23.00
15	64QAM	1	37	21.73	21.84	21.66	23.00
15	64QAM	1	74	21.76	21.94	21.70	23.00
15	64QAM	36	0	20.77	20.85	20.65	22.00
15	64QAM	36	20	20.07	20.20	20.07	22.00
15	64QAM	36	39	20.32	20.50	20.18	22.00
15	64QAM	75	0	20.07	20.14	20.00	22.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.69	23.70	23.49	25.00
10	QPSK	1	25	23.56	23.49	23.43	25.00
10	QPSK	1	49	23.60	23.58	23.48	25.00
10	QPSK	25	0	22.50	22.63	22.30	24.00
10	QPSK	25	12	22.36	22.46	22.23	24.00
10	QPSK	25	25	22.41	22.46	22.27	24.00
10	QPSK	50	0	22.28	22.40	22.29	24.00
10	16QAM	1	0	22.60	22.64	22.32	24.00
10	16QAM	1	25	22.33	22.43	22.34	24.00
10	16QAM	1	49	22.46	22.62	22.37	24.00
10	16QAM	25	0	21.52	21.68	21.50	23.00

10	16QAM	25	12	21.44	21.52	21.36	23.00
10	16QAM	25	25	21.51	21.56	21.37	23.00
10	16QAM	50	0	21.36	21.51	21.25	23.00
10	64QAM	1	0	21.84	21.96	21.81	23.00
10	64QAM	1	25	21.68	21.82	21.69	23.00
10	64QAM	1	49	21.82	21.87	21.75	23.00
10	64QAM	25	0	20.72	20.82	20.70	22.00
10	64QAM	25	12	20.06	20.14	20.06	22.00
10	64QAM	25	25	20.37	20.38	20.14	22.00
10	64QAM	50	0	20.08	20.17	20.02	22.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.69	23.69	23.52	25.00
5	QPSK	1	12	23.43	23.48	23.36	25.00
5	QPSK	1	24	23.61	23.63	23.50	25.00
5	QPSK	12	0	22.49	22.50	22.28	24.00
5	QPSK	12	7	22.48	22.48	22.22	24.00
5	QPSK	12	13	22.44	22.44	22.36	24.00
5	QPSK	25	0	22.29	22.39	22.30	24.00
5	16QAM	1	0	22.63	22.58	22.40	24.00
5	16QAM	1	12	22.28	22.43	22.33	24.00
5	16QAM	1	24	22.37	22.51	22.29	24.00
5	16QAM	12	0	21.57	21.56	21.40	23.00
5	16QAM	12	7	21.44	21.51	21.43	23.00
5	16QAM	12	13	21.51	21.63	21.40	23.00
5	16QAM	25	0	21.44	21.53	21.31	23.00
5	64QAM	1	0	21.80	22.06	21.89	23.00
5	64QAM	1	12	21.66	21.72	21.62	23.00
5	64QAM	1	24	21.75	21.90	21.62	23.00
5	64QAM	12	0	20.72	20.82	20.61	22.00
5	64QAM	12	7	20.07	20.12	20.00	22.00
5	64QAM	12	13	20.32	20.40	20.26	22.00
5	64QAM	25	0	20.05	20.19	20.10	22.00

【LTE Band 71\_Ant 0\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.71	23.74	23.63	25.00
20	QPSK	1	49	23.57	23.61	23.45	25.00
20	QPSK	1	99	23.66	23.71	23.56	25.00
20	QPSK	50	0	22.56	22.64	22.42	24.00
20	QPSK	50	24	22.50	22.56	22.33	24.00
20	QPSK	50	50	22.45	22.56	22.38	24.00
20	QPSK	100	0	22.37	22.48	22.32	24.00
20	16QAM	1	0	22.64	22.71	22.46	24.00
20	16QAM	1	49	22.39	22.55	22.42	24.00
20	16QAM	1	99	22.48	22.65	22.43	24.00
20	16QAM	50	0	21.64	21.71	21.54	23.00
20	16QAM	50	24	21.47	21.60	21.44	23.00
20	16QAM	50	50	21.60	21.67	21.44	23.00
20	16QAM	100	0	21.50	21.58	21.39	23.00
20	64QAM	1	0	21.90	22.07	21.94	23.00
20	64QAM	1	49	21.76	21.85	21.71	23.00
20	64QAM	1	99	21.89	22.00	21.77	23.00
20	64QAM	50	0	20.84	20.88	20.75	22.00
20	64QAM	50	24	20.16	20.24	20.08	22.00
20	64QAM	50	50	20.41	20.52	20.28	22.00
20	64QAM	100	0	20.14	20.24	20.12	22.00
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	23.64	23.65	23.61	25.00
15	QPSK	1	37	23.52	23.50	23.38	25.00
15	QPSK	1	74	23.61	23.68	23.47	25.00
15	QPSK	36	0	22.54	22.57	22.35	24.00
15	QPSK	36	20	22.48	22.49	22.19	24.00
15	QPSK	36	39	22.38	22.53	22.25	24.00
15	QPSK	75	0	22.33	22.39	22.21	24.00
15	16QAM	1	0	22.57	22.68	22.44	24.00
15	16QAM	1	37	22.30	22.40	22.37	24.00
15	16QAM	1	74	22.44	22.61	22.30	24.00



15	16QAM	36	0	21.59	21.57	21.41	23.00
15	16QAM	36	20	21.38	21.57	21.33	23.00
15	16QAM	36	39	21.50	21.53	21.38	23.00
15	16QAM	75	0	21.38	21.45	21.37	23.00
15	64QAM	1	0	21.83	21.96	21.80	23.00
15	64QAM	1	37	21.73	21.84	21.66	23.00
15	64QAM	1	74	21.76	21.94	21.70	23.00
15	64QAM	36	0	20.77	20.85	20.65	22.00
15	64QAM	36	20	20.07	20.20	20.07	22.00
15	64QAM	36	39	20.32	20.50	20.18	22.00
15	64QAM	75	0	20.07	20.14	20.00	22.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.69	23.70	23.49	25.00
10	QPSK	1	25	23.56	23.49	23.43	25.00
10	QPSK	1	49	23.60	23.58	23.48	25.00
10	QPSK	25	0	22.50	22.63	22.30	24.00
10	QPSK	25	12	22.36	22.46	22.23	24.00
10	QPSK	25	25	22.41	22.46	22.27	24.00
10	QPSK	50	0	22.28	22.40	22.29	24.00
10	16QAM	1	0	22.60	22.64	22.32	24.00
10	16QAM	1	25	22.33	22.43	22.34	24.00
10	16QAM	1	49	22.46	22.62	22.37	24.00
10	16QAM	25	0	21.52	21.68	21.50	23.00
10	16QAM	25	12	21.44	21.52	21.36	23.00
10	16QAM	25	25	21.51	21.56	21.37	23.00
10	16QAM	50	0	21.36	21.51	21.25	23.00
10	64QAM	1	0	21.84	21.96	21.81	23.00
10	64QAM	1	25	21.68	21.82	21.69	23.00
10	64QAM	1	49	21.82	21.87	21.75	23.00
10	64QAM	25	0	20.72	20.82	20.70	22.00
10	64QAM	25	12	20.06	20.14	20.06	22.00
10	64QAM	25	25	20.37	20.38	20.14	22.00
10	64QAM	50	0	20.08	20.17	20.02	22.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.69	23.69	23.52	25.00
5	QPSK	1	12	23.43	23.48	23.36	25.00
5	QPSK	1	24	23.61	23.63	23.50	25.00
5	QPSK	12	0	22.49	22.50	22.28	24.00
5	QPSK	12	7	22.48	22.48	22.22	24.00
5	QPSK	12	13	22.44	22.44	22.36	24.00
5	QPSK	25	0	22.29	22.39	22.30	24.00
5	16QAM	1	0	22.63	22.58	22.40	24.00
5	16QAM	1	12	22.28	22.43	22.33	24.00
5	16QAM	1	24	22.37	22.51	22.29	24.00
5	16QAM	12	0	21.57	21.56	21.40	23.00
5	16QAM	12	7	21.44	21.51	21.43	23.00
5	16QAM	12	13	21.51	21.63	21.40	23.00
5	16QAM	25	0	21.44	21.53	21.31	23.00
5	64QAM	1	0	21.80	22.06	21.89	23.00
5	64QAM	1	12	21.66	21.72	21.62	23.00
5	64QAM	1	24	21.75	21.90	21.62	23.00
5	64QAM	12	0	20.72	20.82	20.61	22.00
5	64QAM	12	7	20.07	20.12	20.00	22.00
5	64QAM	12	13	20.32	20.40	20.26	22.00
5	64QAM	25	0	20.05	20.19	20.10	22.00

<5G NR Conducted Power>

【FR1 n5\_Ant 0\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.38	23.48	23.27	24.00
20	PI/2 BPSK	1	53	23.20	23.38	23.05	24.00
20	PI/2 BPSK	1	104	23.28	23.41	23.12	24.00
20	PI/2 BPSK	50	0	22.84	23.07	22.81	23.50
20	PI/2 BPSK	50	28	23.13	23.30	22.95	24.00
20	PI/2 BPSK	50	56	22.71	22.89	22.67	23.50
20	PI/2 BPSK	100	0	22.66	22.83	22.57	23.50
20	QPSK	1	1	23.34	23.48	23.26	24.00
20	QPSK	1	53	23.19	23.32	23.04	24.00
20	QPSK	1	104	23.19	23.36	23.03	24.00
20	QPSK	50	0	22.71	22.85	22.55	24.00
20	QPSK	50	28	23.15	23.37	23.14	24.00
20	QPSK	50	56	22.67	22.89	22.59	24.00
20	QPSK	100	0	22.77	22.91	22.61	24.00
20	16QAM	1	1	22.84	23.03	22.74	24.00
20	64QAM	1	1	22.18	22.42	22.16	23.00
20	256QAM	1	1	18.44	18.57	18.37	19.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.26	23.35	23.19	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.28	23.34	23.17	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.31	23.39	23.17	24.00

【FR1 n5\_Ant 0\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.38	23.48	23.27	24.00
20	PI/2 BPSK	1	53	23.20	23.38	23.05	24.00
20	PI/2 BPSK	1	104	23.28	23.41	23.12	24.00
20	PI/2 BPSK	50	0	22.84	23.07	22.81	23.50
20	PI/2 BPSK	50	28	23.13	23.30	22.95	24.00
20	PI/2 BPSK	50	56	22.71	22.89	22.67	23.50
20	PI/2 BPSK	100	0	22.66	22.83	22.57	23.50
20	QPSK	1	1	23.34	23.48	23.26	24.00
20	QPSK	1	53	23.19	23.32	23.04	24.00
20	QPSK	1	104	23.19	23.36	23.03	24.00
20	QPSK	50	0	22.71	22.85	22.55	24.00
20	QPSK	50	28	23.15	23.37	23.14	24.00
20	QPSK	50	56	22.67	22.89	22.59	24.00
20	QPSK	100	0	22.77	22.91	22.61	24.00
20	16QAM	1	1	22.84	23.03	22.74	24.00
20	64QAM	1	1	22.18	22.42	22.16	23.00
20	256QAM	1	1	18.44	18.57	18.37	19.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.26	23.35	23.19	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.28	23.34	23.17	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.31	23.39	23.17	24.00

【FR1 n5\_Ant 0\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	Tune-up limit (dBm)
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.38	23.48	23.27	24.00
20	PI/2 BPSK	1	53	23.20	23.38	23.05	24.00
20	PI/2 BPSK	1	104	23.28	23.41	23.12	24.00
20	PI/2 BPSK	50	0	22.84	23.07	22.81	23.50
20	PI/2 BPSK	50	28	23.13	23.30	22.95	24.00
20	PI/2 BPSK	50	56	22.71	22.89	22.67	23.50
20	PI/2 BPSK	100	0	22.66	22.83	22.57	23.50
20	QPSK	1	1	23.34	23.48	23.26	24.00
20	QPSK	1	53	23.19	23.32	23.04	24.00
20	QPSK	1	104	23.19	23.36	23.03	24.00
20	QPSK	50	0	22.71	22.85	22.55	24.00
20	QPSK	50	28	23.15	23.37	23.14	24.00
20	QPSK	50	56	22.67	22.89	22.59	24.00
20	QPSK	100	0	22.77	22.91	22.61	24.00
20	16QAM	1	1	22.84	23.03	22.74	24.00
20	64QAM	1	1	22.18	22.42	22.16	23.00
20	256QAM	1	1	18.44	18.57	18.37	19.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.26	23.35	23.19	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.28	23.34	23.17	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.31	23.39	23.17	24.00

【FR1 n7\_Ant 0\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	Tune-up limit (dBm)
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	22.89	23.04	22.95	24.00
50	PI/2 BPSK	1	135	22.61	22.88	22.73	24.00
50	PI/2 BPSK	1	268	22.71	22.97	22.83	24.00
50	PI/2 BPSK	135	0	22.17	22.40	22.17	23.50
50	PI/2 BPSK	135	68	22.62	22.86	22.65	24.00
50	PI/2 BPSK	135	135	22.26	22.46	22.23	23.50
50	PI/2 BPSK	270	0	22.20	22.42	22.19	23.50
50	QPSK	1	1	22.80	23.00	22.80	24.00
50	QPSK	1	135	22.75	22.96	22.77	24.00
50	QPSK	1	268	22.85	23.07	22.92	24.00
50	QPSK	135	0	22.31	22.48	22.34	23.00
50	QPSK	135	68	22.76	22.98	22.75	24.00
50	QPSK	135	135	22.28	22.52	22.40	23.00
50	QPSK	270	0	22.28	22.48	22.29	23.00
50	16QAM	1	1	22.43	22.66	22.46	23.00
50	64QAM	1	1	21.02	21.30	21.09	21.50
50	256QAM	1	1	17.75	17.96	17.84	19.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	22.77	22.91	22.85	24.00
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	22.81	22.95	22.87	24.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	22.86	22.97	22.80	24.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	22.83	22.91	22.82	24.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	22.81	22.95	22.84	24.00

Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	22.88	22.91	22.88	24.00
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	22.75	22.90	22.81	24.00
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	22.82	23.01	22.80	24.00

**【FR1 n7\_Ant 0\_Receiver on】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	Tune-up limit (dBm)
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	22.89	23.04	22.95	24.00
50	PI/2 BPSK	1	135	22.61	22.88	22.73	24.00
50	PI/2 BPSK	1	268	22.71	22.97	22.83	24.00
50	PI/2 BPSK	135	0	22.17	22.40	22.17	23.50
50	PI/2 BPSK	135	68	22.62	22.86	22.65	24.00
50	PI/2 BPSK	135	135	22.26	22.46	22.23	23.50
50	PI/2 BPSK	270	0	22.20	22.42	22.19	23.50
50	QPSK	1	1	22.80	23.00	22.80	24.00
50	QPSK	1	135	22.75	22.96	22.77	24.00
50	QPSK	1	268	22.85	23.07	22.92	24.00
50	QPSK	135	0	22.31	22.48	22.34	23.00
50	QPSK	135	68	22.76	22.98	22.75	24.00
50	QPSK	135	135	22.28	22.52	22.40	23.00
50	QPSK	270	0	22.28	22.48	22.29	23.00
50	16QAM	1	1	22.43	22.66	22.46	23.00
50	64QAM	1	1	21.02	21.30	21.09	21.50
50	256QAM	1	1	17.75	17.96	17.84	19.50
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	22.77	22.91	22.85	24.00
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	22.81	22.95	22.87	24.00
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	22.86	22.97	22.80	24.00
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	22.83	22.91	22.82	24.00
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	22.81	22.95	22.84	24.00
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	22.88	22.91	22.88	24.00
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	22.75	22.90	22.81	24.00
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	22.82	23.01	22.80	24.00

**【FR1 n7\_Ant 0\_Receiver off】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	Tune-up limit (dBm)
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	21.42	21.56	21.42	22.50
50	PI/2 BPSK	1	135	21.22	21.44	21.36	22.50
50	PI/2 BPSK	1	268	21.21	21.49	21.37	22.50
50	PI/2 BPSK	135	0	21.18	21.45	21.32	22.50
50	PI/2 BPSK	135	68	21.24	21.50	21.37	22.50
50	PI/2 BPSK	135	135	21.23	21.49	21.33	22.50
50	PI/2 BPSK	270	0	21.18	21.47	21.33	22.50

50	QPSK	1	1	21.18	21.45	21.32	22.50
50	QPSK	1	135	21.18	21.43	21.34	22.50
50	QPSK	1	268	21.23	21.45	21.33	22.50
50	QPSK	135	0	21.24	21.46	21.30	22.50
50	QPSK	135	68	21.23	21.46	21.30	22.50
50	QPSK	135	135	21.20	21.48	21.32	22.50
50	QPSK	270	0	21.18	21.50	21.33	22.50
50	16QAM	1	1	21.23	21.45	21.31	22.50
50	64QAM	1	1	21.02	21.30	21.09	21.50
50	256QAM	1	1	17.75	17.96	17.84	19.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	21.39	21.49	21.30	22.50
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	21.34	21.49	21.29	22.50
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	21.39	21.52	21.28	22.50
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	21.33	21.42	21.28	22.50
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	21.40	21.49	21.37	22.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	21.29	21.54	21.27	22.50
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	21.39	21.55	21.31	22.50
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	21.40	21.51	21.35	22.50

**【FR1 n38\_Ant 3\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.81	23.04	22.94	24.00
40	PI/2 BPSK	1	53	22.66	22.96	22.78	24.00
40	PI/2 BPSK	1	104	22.55	22.87	22.65	24.00
40	PI/2 BPSK	50	0	22.49	22.78	22.64	24.00
40	PI/2 BPSK	50	28	22.66	23.01	22.84	24.00
40	PI/2 BPSK	50	56	22.43	22.71	22.59	24.00
40	PI/2 BPSK	100	0	22.41	22.78	22.54	24.00
40	QPSK	1	1	22.54	22.87	22.72	24.00
40	QPSK	1	53	22.62	22.94	22.77	24.00
40	QPSK	1	104	22.36	22.73	22.50	24.00
40	QPSK	50	0	22.42	22.76	22.63	24.00
40	QPSK	50	28	22.65	23.00	22.83	24.00
40	QPSK	50	56	22.55	22.81	22.69	24.00
40	QPSK	100	0	22.61	22.91	22.71	24.00
40	16QAM	1	1	22.56	22.89	22.65	24.00
40	64QAM	1	1	22.64	22.94	22.73	24.00
40	256QAM	1	1	22.54	22.91	22.74	24.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.68	22.96	22.85	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.79	23.03	22.84	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.74	23.01	22.86	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.75	22.92	22.93	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.68	23.02	22.88	24.00

【FR1 n38\_HPUE\_Ant 3\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.27	24.43	24.20	25.50
40	PI/2 BPSK	1	53	23.59	23.85	23.57	25.50
40	PI/2 BPSK	1	104	23.58	23.81	23.51	25.50
40	PI/2 BPSK	50	0	22.71	22.94	22.62	23.50
40	PI/2 BPSK	50	28	23.77	24.07	23.91	25.50
40	PI/2 BPSK	50	56	22.78	22.94	22.71	23.50
40	PI/2 BPSK	100	0	22.65	22.94	22.64	23.50
40	QPSK	1	1	23.77	24.05	23.70	25.50
40	QPSK	1	53	23.80	24.07	23.75	25.50
40	QPSK	1	104	23.54	23.72	23.50	25.50
40	QPSK	50	0	22.51	22.68	22.40	23.00
40	QPSK	50	28	23.67	23.84	23.51	25.50
40	QPSK	50	56	22.73	22.96	22.60	23.00
40	QPSK	100	0	22.44	22.74	22.43	23.00
40	16QAM	1	1	23.56	23.84	23.50	25.00
40	64QAM	1	1	23.64	23.87	23.52	25.00
40	256QAM	1	1	23.80	23.97	23.68	25.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.14	24.34	24.11	25.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	24.17	24.40	24.12	25.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.19	24.33	24.11	25.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.20	24.29	24.16	25.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.19	24.37	24.19	25.50

【FR1 n38\_Ant 3\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.81	23.04	22.94	24.00
40	PI/2 BPSK	1	53	22.66	22.96	22.78	24.00
40	PI/2 BPSK	1	104	22.55	22.87	22.65	24.00
40	PI/2 BPSK	50	0	22.49	22.78	22.64	24.00
40	PI/2 BPSK	50	28	22.66	23.01	22.84	24.00
40	PI/2 BPSK	50	56	22.43	22.71	22.59	24.00
40	PI/2 BPSK	100	0	22.41	22.78	22.54	24.00
40	QPSK	1	1	22.54	22.87	22.72	24.00
40	QPSK	1	53	22.62	22.94	22.77	24.00
40	QPSK	1	104	22.36	22.73	22.50	24.00
40	QPSK	50	0	22.42	22.76	22.63	24.00
40	QPSK	50	28	22.65	23.00	22.83	24.00
40	QPSK	50	56	22.55	22.81	22.69	24.00
40	QPSK	100	0	22.61	22.91	22.71	24.00
40	16QAM	1	1	22.56	22.89	22.65	24.00
40	64QAM	1	1	22.64	22.94	22.73	24.00
40	256QAM	1	1	22.54	22.91	22.74	24.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.68	22.96	22.85	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.79	23.03	22.84	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.74	23.01	22.86	24.00
Channel				515500	519000	522500	Tune-up limit

Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	22.75	22.92	22.93	24.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	22.68	23.02	22.88	24.00

【FR1 n38\_Ant 3\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.27	17.39	17.22	18.50
40	PI/2 BPSK	1	53	16.58	16.87	16.55	18.50
40	PI/2 BPSK	1	104	16.60	16.86	16.53	18.50
40	PI/2 BPSK	50	0	16.62	16.85	16.56	18.50
40	PI/2 BPSK	50	28	16.77	17.10	16.88	18.50
40	PI/2 BPSK	50	56	16.58	16.88	16.55	18.50
40	PI/2 BPSK	100	0	16.59	16.86	16.54	18.50
40	QPSK	1	1	16.56	16.82	16.55	18.50
40	QPSK	1	53	16.61	16.82	16.60	18.50
40	QPSK	1	104	16.60	16.82	16.55	18.50
40	QPSK	50	0	16.59	16.82	16.59	18.50
40	QPSK	50	28	16.58	16.85	16.53	18.50
40	QPSK	50	56	16.58	16.87	16.60	18.50
40	QPSK	100	0	16.59	16.86	16.57	18.50
40	16QAM	1	1	16.58	16.87	16.54	18.50
40	64QAM	1	1	16.62	16.81	16.58	18.50
40	256QAM	1	1	16.59	16.85	16.55	18.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.19	17.30	17.11	18.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.17	17.30	17.12	18.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.13	17.26	17.13	18.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.18	17.32	17.13	18.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.25	17.34	17.13	18.50

【FR1 n38\_HPUE\_Ant 3\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.81	23.04	22.94	24.00
40	PI/2 BPSK	1	53	22.66	22.96	22.78	24.00
40	PI/2 BPSK	1	104	22.55	22.87	22.65	24.00
40	PI/2 BPSK	50	0	22.49	22.78	22.64	24.00
40	PI/2 BPSK	50	28	22.66	23.01	22.84	24.00
40	PI/2 BPSK	50	56	22.43	22.71	22.59	24.00
40	PI/2 BPSK	100	0	22.41	22.78	22.54	24.00
40	QPSK	1	1	22.54	22.87	22.72	24.00
40	QPSK	1	53	22.62	22.94	22.77	24.00
40	QPSK	1	104	22.36	22.73	22.50	24.00
40	QPSK	50	0	22.42	22.76	22.63	24.00
40	QPSK	50	28	22.65	23.00	22.83	24.00
40	QPSK	50	56	22.55	22.81	22.69	24.00
40	QPSK	100	0	22.61	22.91	22.71	24.00
40	16QAM	1	1	22.56	22.89	22.65	24.00
40	64QAM	1	1	22.64	22.94	22.73	24.00
40	256QAM	1	1	22.54	22.91	22.74	24.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.75	22.91	22.81	24.00

Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	22.76	22.89	22.81	24.00
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	22.79	22.99	22.80	24.00
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	22.76	23.02	22.81	24.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	22.68	22.90	22.84	24.00

**【FR1 n38\_HPUE\_Ant 3\_Receiver off】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.27	17.39	17.22	18.50
40	PI/2 BPSK	1	53	16.58	16.87	16.55	18.50
40	PI/2 BPSK	1	104	16.60	16.86	16.53	18.50
40	PI/2 BPSK	50	0	16.62	16.85	16.56	18.50
40	PI/2 BPSK	50	28	16.77	17.10	16.88	18.50
40	PI/2 BPSK	50	56	16.58	16.88	16.55	18.50
40	PI/2 BPSK	100	0	16.59	16.86	16.54	18.50
40	QPSK	1	1	16.56	16.82	16.55	18.50
40	QPSK	1	53	16.61	16.82	16.60	18.50
40	QPSK	1	104	16.60	16.82	16.55	18.50
40	QPSK	50	0	16.59	16.82	16.59	18.50
40	QPSK	50	28	16.58	16.85	16.53	18.50
40	QPSK	50	56	16.58	16.87	16.60	18.50
40	QPSK	100	0	16.59	16.86	16.57	18.50
40	16QAM	1	1	16.58	16.87	16.54	18.50
40	64QAM	1	1	16.62	16.81	16.58	18.50
40	256QAM	1	1	16.59	16.85	16.55	18.50
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	17.16	17.36	17.20	18.50
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	17.17	17.33	17.10	18.50
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	17.20	17.29	17.17	18.50
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	17.14	17.32	17.20	18.50
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	17.20	17.28	17.15	18.50

**【FR1 n38\_Ant 4\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.81	22.83	22.83	24.00
40	PI/2 BPSK	1	53	22.59	22.71	22.67	24.00
40	PI/2 BPSK	1	104	22.84	22.86	22.85	24.00
40	PI/2 BPSK	50	0	22.58	22.73	22.66	24.00
40	PI/2 BPSK	50	28	22.81	22.87	22.76	24.00
40	PI/2 BPSK	50	56	22.73	22.81	22.73	24.00
40	PI/2 BPSK	100	0	22.66	22.80	22.79	24.00
40	QPSK	1	1	22.74	22.81	22.74	24.00
40	QPSK	1	53	22.59	22.71	22.64	24.00
40	QPSK	1	104	22.81	22.84	22.73	24.00
40	QPSK	50	0	22.30	22.46	22.32	24.00
40	QPSK	50	28	22.74	22.78	22.77	24.00
40	QPSK	50	56	22.22	22.36	22.35	24.00

40	QPSK	100	0	22.22	22.32	22.20	24.00
40	16QAM	1	1	22.64	22.72	22.66	24.00
40	64QAM	1	1	22.56	22.72	22.65	24.00
40	256QAM	1	1	22.49	22.63	22.54	24.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.71	22.80	22.80	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.66	22.74	22.77	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.73	22.69	22.70	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.75	22.77	22.75	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.77	22.73	22.79	24.00

**【FR1 n38\_HPUE\_Ant 4\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.81	24.88	24.71	25.50
40	PI/2 BPSK	1	53	24.66	24.81	24.59	25.50
40	PI/2 BPSK	1	104	24.82	24.97	24.74	25.50
40	PI/2 BPSK	50	0	22.85	22.93	22.66	23.50
40	PI/2 BPSK	50	28	24.58	24.74	24.43	25.50
40	PI/2 BPSK	50	56	22.79	22.97	22.72	23.50
40	PI/2 BPSK	100	0	22.74	22.89	22.61	23.50
40	QPSK	1	1	24.65	24.80	24.54	25.50
40	QPSK	1	53	24.74	24.85	24.66	25.50
40	QPSK	1	104	24.76	24.95	24.68	25.50
40	QPSK	50	0	22.30	22.45	22.15	23.00
40	QPSK	50	28	24.52	24.74	24.48	25.50
40	QPSK	50	56	22.37	22.49	22.24	23.00
40	QPSK	100	0	22.32	22.42	22.16	23.00
40	16QAM	1	1	24.22	24.41	24.10	25.00
40	64QAM	1	1	24.28	24.36	24.15	25.00
40	256QAM	1	1	24.43	24.57	24.26	25.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.77	24.56	24.65	25.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	24.73	24.59	24.56	25.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.67	24.63	24.63	25.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.74	24.55	24.69	25.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.77	24.57	24.69	25.50

**【FR1 n38\_Ant 4\_Receiver on】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	20.79	20.87	20.68	21.50
40	PI/2 BPSK	1	53	20.65	20.77	20.58	21.50
40	PI/2 BPSK	1	104	20.81	20.89	20.76	21.50
40	PI/2 BPSK	50	0	20.60	20.82	20.62	21.50
40	PI/2 BPSK	50	28	20.63	20.86	20.64	21.50
40	PI/2 BPSK	50	56	20.67	20.79	20.56	21.50

40	PI/2 BPSK	100	0	20.64	20.82	20.57	21.50
40	QPSK	1	1	20.69	20.80	20.58	21.50
40	QPSK	1	53	20.66	20.79	20.55	21.50
40	QPSK	1	104	20.63	20.79	20.62	21.50
40	QPSK	50	0	20.65	20.83	20.55	21.50
40	QPSK	50	28	20.65	20.82	20.59	21.50
40	QPSK	50	56	20.70	20.80	20.59	21.50
40	QPSK	100	0	20.65	20.81	20.62	21.50
40	16QAM	1	1	20.62	20.83	20.58	21.50
40	64QAM	1	1	20.62	20.83	20.63	21.50
40	256QAM	1	1	20.67	20.80	20.59	21.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	20.64	20.83	20.58	21.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	20.77	20.84	20.56	21.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.69	20.75	20.61	21.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	20.71	20.79	20.67	21.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	20.75	20.81	20.66	21.50

【FR1 n38\_Ant 4\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.31	16.38	16.22	17.00
40	PI/2 BPSK	1	53	16.17	16.28	16.13	17.00
40	PI/2 BPSK	1	104	16.34	16.48	16.20	17.00
40	PI/2 BPSK	50	0	16.18	16.29	16.05	17.00
40	PI/2 BPSK	50	28	16.04	16.37	15.89	17.00
40	PI/2 BPSK	50	56	16.14	16.34	16.07	17.00
40	PI/2 BPSK	100	0	16.12	16.30	16.07	17.00
40	QPSK	1	1	16.16	16.28	16.05	17.00
40	QPSK	1	53	16.16	16.31	16.06	17.00
40	QPSK	1	104	16.18	16.32	16.13	17.00
40	QPSK	50	0	16.14	16.28	16.10	17.00
40	QPSK	50	28	16.19	16.28	16.09	17.00
40	QPSK	50	56	16.17	16.29	16.11	17.00
40	QPSK	100	0	16.17	16.31	16.07	17.00
40	16QAM	1	1	16.17	16.29	16.12	17.00
40	64QAM	1	1	16.18	16.27	16.05	17.00
40	256QAM	1	1	16.15	16.34	16.11	17.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.20	16.24	16.13	17.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.23	16.25	16.16	17.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.17	16.25	16.16	17.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.26	16.37	16.18	17.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.17	16.25	16.16	17.00

【FR1 n38\_HPUE\_Ant 4\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	



Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	20.79	20.87	20.68	21.50
40	PI/2 BPSK	1	53	20.65	20.77	20.58	21.50
40	PI/2 BPSK	1	104	20.81	20.89	20.76	21.50
40	PI/2 BPSK	50	0	20.60	20.82	20.62	21.50
40	PI/2 BPSK	50	28	20.63	20.86	20.64	21.50
40	PI/2 BPSK	50	56	20.67	20.79	20.56	21.50
40	PI/2 BPSK	100	0	20.64	20.82	20.57	21.50
40	QPSK	1	1	20.69	20.80	20.58	21.50
40	QPSK	1	53	20.66	20.79	20.55	21.50
40	QPSK	1	104	20.63	20.79	20.62	21.50
40	QPSK	50	0	20.65	20.83	20.55	21.50
40	QPSK	50	28	20.65	20.82	20.59	21.50
40	QPSK	50	56	20.70	20.80	20.59	21.50
40	QPSK	100	0	20.65	20.81	20.62	21.50
40	16QAM	1	1	20.62	20.83	20.58	21.50
40	64QAM	1	1	20.62	20.83	20.63	21.50
40	256QAM	1	1	20.67	20.80	20.59	21.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	20.66	20.85	20.61	21.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	20.77	20.80	20.67	21.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.78	20.85	20.57	21.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	20.77	20.73	20.61	21.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	20.65	20.82	20.63	21.50

【FR1 n38\_HPUE\_Ant 4\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.31	16.38	16.22	17.00
40	PI/2 BPSK	1	53	16.17	16.28	16.13	17.00
40	PI/2 BPSK	1	104	16.34	16.48	16.20	17.00
40	PI/2 BPSK	50	0	16.18	16.29	16.05	17.00
40	PI/2 BPSK	50	28	16.04	16.37	15.89	17.00
40	PI/2 BPSK	50	56	16.14	16.34	16.07	17.00
40	PI/2 BPSK	100	0	16.12	16.30	16.07	17.00
40	QPSK	1	1	16.16	16.28	16.05	17.00
40	QPSK	1	53	16.16	16.31	16.06	17.00
40	QPSK	1	104	16.18	16.32	16.13	17.00
40	QPSK	50	0	16.14	16.28	16.10	17.00
40	QPSK	50	28	16.19	16.28	16.09	17.00
40	QPSK	50	56	16.17	16.29	16.11	17.00
40	QPSK	100	0	16.17	16.31	16.07	17.00
40	16QAM	1	1	16.17	16.29	16.12	17.00
40	64QAM	1	1	16.18	16.27	16.05	17.00
40	256QAM	1	1	16.15	16.34	16.11	17.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.29	16.32	16.15	17.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.17	16.34	16.14	17.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.29	16.24	16.07	17.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.18	16.23	16.10	17.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.19	16.30	16.13	17.00

【FR1 n41\_\_FCC\_Ant 3\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.84	22.87	22.86	24.00
100	PI/2 BPSK	1	137	22.84	23.26	22.85	24.00
100	PI/2 BPSK	1	271	22.68	22.83	22.73	24.00
100	PI/2 BPSK	135	0	22.76	22.85	22.81	24.00
100	PI/2 BPSK	135	69	22.84	22.97	22.86	24.00
100	PI/2 BPSK	135	138	22.82	22.87	22.75	24.00
100	PI/2 BPSK	270	0	22.73	22.83	22.80	24.00
100	QPSK	1	1	22.84	23.08	22.85	24.00
100	QPSK	1	137	22.78	22.94	22.86	24.00
100	QPSK	1	271	22.83	22.94	22.84	24.00
100	QPSK	135	0	22.84	22.89	22.85	23.50
100	QPSK	135	69	22.60	22.75	22.66	24.00
100	QPSK	135	138	22.75	22.82	22.72	23.50
100	QPSK	270	0	22.83	23.01	22.84	23.50
100	16QAM	1	1	22.83	22.97	22.85	24.00
100	64QAM	1	1	22.31	22.47	22.39	23.50
100	256QAM	1	1	20.84	21.01	20.95	22.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.76	22.81	22.84	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.72	22.74	22.71	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.80	22.77	22.80	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.81	22.75	22.77	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.80	22.84	22.77	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.78	22.77	22.71	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.83	22.79	22.73	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.73	22.76	22.81	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.73	22.77	22.72	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.73	22.76	22.72	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.70	22.86	22.84	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.77	22.82	22.81	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.78	22.83	22.82	24.00

【FR1 n41\_\_FCC\_HPUE\_Ant 3\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.12	24.15	24.15	25.50
100	PI/2 BPSK	1	137	24.11	24.46	24.15	25.50
100	PI/2 BPSK	1	271	24.12	24.20	24.13	25.50
100	PI/2 BPSK	135	0	22.83	22.95	22.80	23.50



100	PI/2 BPSK	135	69	24.12	24.57	24.14	25.50
100	PI/2 BPSK	135	138	22.68	22.82	22.78	23.50
100	PI/2 BPSK	270	0	22.95	23.01	22.94	23.50
100	QPSK	1	1	24.00	24.17	24.11	25.50
100	QPSK	1	137	24.10	24.43	24.15	25.50
100	QPSK	1	271	24.02	24.13	24.02	25.50
100	QPSK	135	0	22.74	22.91	22.88	23.00
100	QPSK	135	69	23.96	24.07	23.98	25.50
100	QPSK	135	138	22.79	22.97	22.85	23.00
100	QPSK	270	0	22.74	22.87	22.73	23.00
100	16QAM	1	1	24.02	24.07	23.98	24.50
100	64QAM	1	1	22.59	22.75	22.74	23.00
100	256QAM	1	1	20.78	20.87	20.84	21.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.02	24.12	24.03	25.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.06	24.09	24.08	25.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.08	24.02	24.02	25.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.01	24.03	24.03	25.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.02	24.08	24.06	25.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.98	24.08	24.04	25.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.06	24.04	24.00	25.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.00	24.04	24.13	25.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.02	24.13	24.05	25.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.01	24.05	24.10	25.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.07	24.11	24.02	25.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.02	24.07	24.01	25.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.97	24.03	24.10	25.50

【FR1 n41\_\_FCC\_Ant 3\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.84	22.87	22.86	24.00
100	PI/2 BPSK	1	137	22.84	23.26	22.85	24.00
100	PI/2 BPSK	1	271	22.68	22.83	22.73	24.00
100	PI/2 BPSK	135	0	22.76	22.85	22.81	24.00
100	PI/2 BPSK	135	69	22.84	22.97	22.86	24.00
100	PI/2 BPSK	135	138	22.82	22.87	22.75	24.00
100	PI/2 BPSK	270	0	22.73	22.83	22.80	24.00
100	QPSK	1	1	22.84	23.08	22.85	24.00
100	QPSK	1	137	22.78	22.94	22.86	24.00
100	QPSK	1	271	22.83	22.94	22.84	24.00
100	QPSK	135	0	22.84	22.89	22.85	23.50
100	QPSK	135	69	22.60	22.75	22.66	24.00
100	QPSK	135	138	22.75	22.82	22.72	23.50
100	QPSK	270	0	22.83	23.01	22.84	23.50
100	16QAM	1	1	22.83	22.97	22.85	24.00
100	64QAM	1	1	22.31	22.47	22.39	23.50



100	256QAM	1	1	20.84	21.01	20.95	22.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.76	22.81	22.84	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.72	22.74	22.71	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.80	22.77	22.80	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.81	22.75	22.77	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.80	22.84	22.77	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.78	22.77	22.71	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.83	22.79	22.73	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.73	22.76	22.81	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.73	22.77	22.72	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.73	22.76	22.72	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.70	22.86	22.84	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.77	22.82	22.81	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.78	22.83	22.82	24.00

【FR1 n41\_\_FCC\_Ant 3\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.15	17.17	17.17	18.50
100	PI/2 BPSK	1	137	17.15	17.50	17.15	18.50
100	PI/2 BPSK	1	271	17.10	17.17	17.15	18.50
100	PI/2 BPSK	135	0	17.14	17.44	17.14	18.50
100	PI/2 BPSK	135	69	17.11	17.48	17.17	18.50
100	PI/2 BPSK	135	138	17.11	17.43	17.17	18.50
100	PI/2 BPSK	270	0	17.12	17.49	17.17	18.50
100	QPSK	1	1	17.15	17.43	17.15	18.50
100	QPSK	1	137	17.14	17.49	17.12	18.50
100	QPSK	1	271	17.09	17.46	17.17	18.50
100	QPSK	135	0	17.14	17.45	17.16	18.50
100	QPSK	135	69	17.12	17.44	17.15	18.50
100	QPSK	135	138	17.12	17.46	17.13	18.50
100	QPSK	270	0	17.12	17.46	17.14	18.50
100	16QAM	1	1	17.11	17.47	17.15	18.50
100	64QAM	1	1	17.10	17.44	17.16	18.50
100	256QAM	1	1	17.13	17.44	17.13	18.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.10	17.15	17.12	18.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.13	17.03	17.04	18.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.01	17.04	17.03	18.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	



60	PI/2 BPSK	1	1	17.04	17.09	17.09	18.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.05	17.12	17.09	18.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	17.02	17.04	17.04	18.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.04	17.12	17.11	18.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	17.02	17.12	17.10	18.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.04	17.09	17.12	18.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.12	17.07	17.14	18.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.04	17.12	17.13	18.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.14	17.07	17.05	18.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.10	17.09	17.04	18.50

【FR1 n41\_\_FCC\_HPUE\_Ant 3\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.84	22.87	22.86	24.00
100	PI/2 BPSK	1	137	22.84	23.26	22.85	24.00
100	PI/2 BPSK	1	271	22.68	22.83	22.73	24.00
100	PI/2 BPSK	135	0	22.76	22.85	22.81	24.00
100	PI/2 BPSK	135	69	22.84	22.97	22.86	24.00
100	PI/2 BPSK	135	138	22.82	22.87	22.75	24.00
100	PI/2 BPSK	270	0	22.73	22.83	22.80	24.00
100	QPSK	1	1	22.84	23.08	22.85	24.00
100	QPSK	1	137	22.78	22.94	22.86	24.00
100	QPSK	1	271	22.83	22.94	22.84	24.00
100	QPSK	135	0	22.84	22.89	22.85	23.50
100	QPSK	135	69	22.60	22.75	22.66	24.00
100	QPSK	135	138	22.75	22.82	22.72	23.50
100	QPSK	270	0	22.83	23.01	22.84	23.50
100	16QAM	1	1	22.83	22.97	22.85	24.00
100	64QAM	1	1	22.31	22.47	22.39	23.50
100	256QAM	1	1	20.84	21.01	20.95	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.71	22.77	22.81	24.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.77	22.75	22.80	24.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.74	22.77	22.80	24.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	22.70	22.74	22.76	24.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.70	22.81	22.71	24.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	22.73	22.77	22.82	24.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.79	22.77	22.74	24.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)

35	PI/2 BPSK	1	1	22.79	22.76	22.77	24.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.69	22.74	22.76	24.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	22.82	22.75	22.81	24.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	22.82	22.85	22.83	24.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	22.71	22.80	22.74	24.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	22.74	22.86	22.81	24.00

**【FR1 n41\_\_FCC\_HPUE\_Ant 3\_Receiver off】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.15	17.17	17.17	18.50
100	PI/2 BPSK	1	137	17.15	17.50	17.15	18.50
100	PI/2 BPSK	1	271	17.10	17.17	17.15	18.50
100	PI/2 BPSK	135	0	17.14	17.44	17.14	18.50
100	PI/2 BPSK	135	69	17.11	17.48	17.17	18.50
100	PI/2 BPSK	135	138	17.11	17.43	17.17	18.50
100	PI/2 BPSK	270	0	17.12	17.49	17.17	18.50
100	QPSK	1	1	17.15	17.43	17.15	18.50
100	QPSK	1	137	17.14	17.49	17.12	18.50
100	QPSK	1	271	17.09	17.46	17.17	18.50
100	QPSK	135	0	17.14	17.45	17.16	18.50
100	QPSK	135	69	17.12	17.44	17.15	18.50
100	QPSK	135	138	17.12	17.46	17.13	18.50
100	QPSK	270	0	17.12	17.46	17.14	18.50
100	16QAM	1	1	17.11	17.47	17.15	18.50
100	64QAM	1	1	17.10	17.44	17.16	18.50
100	256QAM	1	1	17.13	17.44	17.13	18.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.13	17.10	17.06	18.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.07	17.02	17.08	18.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.07	17.06	17.04	18.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.01	17.15	17.06	18.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.08	17.12	17.06	18.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	17.09	17.09	17.03	18.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.05	17.05	17.06	18.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	17.08	17.12	17.13	18.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.12	17.03	17.13	18.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.06	17.11	17.16	18.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.02	17.15	17.14	18.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)



15	PI/2 BPSK	1	1	17.11	17.14	17.11	18.50
Channel				509202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.05	17.06	17.09	18.50

【FR1 n41\_\_FCC\_Ant 4\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.75	22.96	22.73	24.00
100	PI/2 BPSK	1	137	22.71	23.01	22.71	24.00
100	PI/2 BPSK	1	271	22.62	22.88	22.51	24.00
100	PI/2 BPSK	135	0	22.59	22.94	22.66	24.00
100	PI/2 BPSK	135	69	22.74	23.02	22.64	24.00
100	PI/2 BPSK	135	138	22.66	22.98	22.68	24.00
100	PI/2 BPSK	270	0	22.66	22.94	22.58	24.00
100	QPSK	1	1	22.67	23.00	22.73	24.00
100	QPSK	1	137	22.66	22.97	22.65	24.00
100	QPSK	1	271	22.48	22.83	22.49	24.00
100	QPSK	135	0	22.24	22.54	22.23	23.50
100	QPSK	135	69	22.67	22.95	22.60	24.00
100	QPSK	135	138	22.28	22.51	22.16	23.50
100	QPSK	270	0	22.12	22.47	22.11	23.50
100	16QAM	1	1	22.52	22.81	22.56	24.00
100	64QAM	1	1	22.25	22.48	22.17	23.50
100	256QAM	1	1	20.80	21.01	20.71	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.66	22.83	22.71	24.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.71	22.93	22.62	24.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.62	22.87	22.61	24.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	22.73	22.85	22.60	24.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.72	22.91	22.58	24.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	22.74	22.89	22.70	24.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.73	22.82	22.70	24.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	22.60	22.94	22.65	24.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.71	22.87	22.58	24.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	22.71	22.90	22.64	24.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	22.65	22.87	22.59	24.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	22.62	22.95	22.67	24.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	22.73	22.93	22.66	24.00

【FR1 n41\_\_FCC\_HPUE\_Ant 4\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.71	24.84	24.76	25.50
100	PI/2 BPSK	1	137	24.67	24.95	24.76	25.50
100	PI/2 BPSK	1	271	24.69	24.88	24.71	25.50
100	PI/2 BPSK	135	0	22.86	23.06	22.97	23.50
100	PI/2 BPSK	135	69	24.61	24.89	24.75	25.50
100	PI/2 BPSK	135	138	22.74	23.01	22.88	23.50
100	PI/2 BPSK	270	0	22.80	23.05	22.86	23.50
100	QPSK	1	1	24.64	24.90	24.68	25.50
100	QPSK	1	137	24.70	24.94	24.73	25.50
100	QPSK	1	271	24.64	24.91	24.76	25.50
100	QPSK	135	0	22.35	22.55	22.40	23.00
100	QPSK	135	69	24.67	24.92	24.73	25.50
100	QPSK	135	138	22.33	22.55	22.38	23.00
100	QPSK	270	0	22.26	22.51	22.43	23.00
100	16QAM	1	1	23.84	24.01	23.82	24.50
100	64QAM	1	1	22.56	22.72	22.59	23.00
100	256QAM	1	1	20.75	20.92	20.79	21.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	24.59	24.82	24.69	25.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	24.66	24.70	24.70	25.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	24.62	24.71	24.72	25.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	24.70	24.82	24.74	25.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	24.69	24.79	24.65	25.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	24.58	24.72	24.68	25.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	24.57	24.69	24.74	25.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	24.64	24.75	24.69	25.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	24.65	24.75	24.64	25.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	24.63	24.72	24.69	25.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	24.65	24.78	24.69	25.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	24.63	24.70	24.71	25.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	24.61	24.73	24.73	25.50

【FR1 n41\_\_FCC\_Ant 4\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.71	20.84	20.72	21.50
100	PI/2 BPSK	1	137	20.68	20.98	20.77	21.50
100	PI/2 BPSK	1	271	20.68	20.85	20.72	21.50
100	PI/2 BPSK	135	0	20.75	20.72	20.74	21.50
100	PI/2 BPSK	135	69	20.63	20.85	20.74	21.50
100	PI/2 BPSK	135	138	20.71	20.70	20.72	21.50
100	PI/2 BPSK	270	0	20.70	20.69	20.76	21.50
100	QPSK	1	1	20.76	20.76	20.71	21.50
100	QPSK	1	137	20.71	20.72	20.73	21.50



100	QPSK	1	271	20.74	20.77	20.71	21.50
100	QPSK	135	0	20.75	20.71	20.73	21.50
100	QPSK	135	69	20.73	20.74	20.69	21.50
100	QPSK	135	138	20.73	20.73	20.72	21.50
100	QPSK	270	0	20.75	20.75	20.74	21.50
100	16QAM	1	1	20.74	20.76	20.69	21.50
100	64QAM	1	1	20.72	20.70	20.71	21.50
100	256QAM	1	1	20.71	20.73	20.70	21.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.61	20.79	20.59	21.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	20.67	20.74	20.58	21.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.58	20.74	20.65	21.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	20.65	20.81	20.65	21.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.65	20.82	20.62	21.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	20.64	20.78	20.65	21.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.64	20.70	20.63	21.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	20.69	20.74	20.59	21.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.69	20.81	20.65	21.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	20.65	20.83	20.68	21.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	20.57	20.79	20.63	21.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	20.60	20.79	20.69	21.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	20.56	20.76	20.67	21.50

【FR1 n41\_FCC\_Ant 4\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.25	16.33	16.25	17.00
100	PI/2 BPSK	1	137	16.15	16.48	16.24	17.00
100	PI/2 BPSK	1	271	16.19	16.32	16.28	17.00
100	PI/2 BPSK	135	0	16.19	16.33	16.22	17.00
100	PI/2 BPSK	135	69	16.12	16.41	16.25	17.00
100	PI/2 BPSK	135	138	16.21	16.35	16.28	17.00
100	PI/2 BPSK	270	0	16.19	16.33	16.27	17.00
100	QPSK	1	1	16.21	16.33	16.23	17.00
100	QPSK	1	137	16.22	16.34	16.24	17.00
100	QPSK	1	271	16.20	16.36	16.23	17.00
100	QPSK	135	0	16.21	16.38	16.28	17.00
100	QPSK	135	69	16.21	16.36	16.25	17.00
100	QPSK	135	138	16.21	16.35	16.23	17.00
100	QPSK	270	0	16.19	16.37	16.27	17.00
100	16QAM	1	1	16.22	16.37	16.28	17.00
100	64QAM	1	1	16.21	16.37	16.22	17.00
100	256QAM	1	1	16.19	16.32	16.28	17.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.20	16.21	16.20	17.00
Channel				507204	518598	529998	Tune-up limit



		Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.23	16.26	16.24	17.00	
		Channel			506202	518598	531000	Tune-up limit
		Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.24	16.25	16.18	17.00	
		Channel			505200	518598	531996	Tune-up limit
		Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.10	16.24	16.21	17.00	
		Channel			504204	518598	532998	Tune-up limit
		Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.18	16.22	16.12	17.00	
		Channel			503700	518598	533496	Tune-up limit
		Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	16.19	16.21	16.17	17.00	
		Channel			503202	518598	534000	Tune-up limit
		Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.15	16.27	16.21	17.00	
		Channel			502704	518598	534498	Tune-up limit
		Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	16.23	16.24	16.17	17.00	
		Channel			502200	518598	534996	Tune-up limit
		Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	16.23	16.28	16.12	17.00	
		Channel			501702	518598	535500	Tune-up limit
		Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.14	16.31	16.22	17.00	
		Channel			501204	518598	535998	Tune-up limit
		Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.23	16.30	16.14	17.00	
		Channel			500700	518598	536496	Tune-up limit
		Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.13	16.30	16.15	17.00	
		Channel			500202	518598	537000	Tune-up limit
		Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.13	16.28	16.21	17.00	

【FR1 n41\_\_FCC\_HPUE\_Ant 4\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
		Channel			509202	518598	528000
		Frequency (MHz)			2546.01	2592.99	2640
100	PI/2 BPSK	1	1	20.71	20.84	20.72	21.50
100	PI/2 BPSK	1	137	20.68	20.98	20.77	21.50
100	PI/2 BPSK	1	271	20.68	20.85	20.72	21.50
100	PI/2 BPSK	135	0	20.75	20.72	20.74	21.50
100	PI/2 BPSK	135	69	20.63	20.85	20.74	21.50
100	PI/2 BPSK	135	138	20.71	20.70	20.72	21.50
100	PI/2 BPSK	270	0	20.70	20.69	20.76	21.50
100	QPSK	1	1	20.76	20.76	20.71	21.50
100	QPSK	1	137	20.71	20.72	20.73	21.50
100	QPSK	1	271	20.74	20.77	20.71	21.50
100	QPSK	135	0	20.75	20.71	20.73	21.50
100	QPSK	135	69	20.73	20.74	20.69	21.50
100	QPSK	135	138	20.73	20.73	20.72	21.50
100	QPSK	270	0	20.75	20.75	20.74	21.50
100	16QAM	1	1	20.74	20.76	20.69	21.50
100	64QAM	1	1	20.72	20.70	20.71	21.50
100	256QAM	1	1	20.71	20.73	20.70	21.50
		Channel			508200	518598	528996
		Frequency (MHz)			2541	2592.99	2644.98
90	PI/2 BPSK	1	1	20.56	20.80	20.61	21.50
		Channel			507204	518598	529998
		Frequency (MHz)			2536.02	2592.99	2649.99
80	PI/2 BPSK	1	1	20.70	20.79	20.58	21.50
		Channel			506202	518598	531000
		Frequency (MHz)			2531.01	2592.99	2655
70	PI/2 BPSK	1	1	20.68	20.74	20.70	21.50
		Channel			505200	518598	531996
		Frequency (MHz)			2526	2592.99	2659.98
60	PI/2 BPSK	1	1	20.69	20.81	20.65	21.50
		Channel			504204	518598	532998
		Frequency (MHz)			2521.02	2592.99	2664.99
50	PI/2 BPSK	1	1	20.69	20.73	20.60	21.50
		Channel			503700	518598	533496



		Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	20.66	20.75	20.63	21.50	
		Channel			503202	518598	534000	Tune-up limit
		Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.61	20.78	20.64	21.50	
		Channel			502704	518598	534498	Tune-up limit
		Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	20.57	20.82	20.65	21.50	
		Channel			502200	518598	534996	Tune-up limit
		Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.64	20.72	20.63	21.50	
		Channel			501702	518598	535500	Tune-up limit
		Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	20.58	20.70	20.64	21.50	
		Channel			501204	518598	535998	Tune-up limit
		Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	20.58	20.77	20.68	21.50	
		Channel			500700	518598	536496	Tune-up limit
		Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	20.61	20.82	20.65	21.50	
		Channel			500202	518598	537000	Tune-up limit
		Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	20.65	20.75	20.69	21.50	

【FR1 n41\_FCC\_HPUE\_Ant 4\_Receiver off】

Channel	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
		Channel			509202	518598	528000	
		Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.25	16.33	16.25	17.00	
100	PI/2 BPSK	1	137	16.15	16.48	16.24	17.00	
100	PI/2 BPSK	1	271	16.19	16.32	16.28	17.00	
100	PI/2 BPSK	135	0	16.19	16.33	16.22	17.00	
100	PI/2 BPSK	135	69	16.12	16.41	16.25	17.00	
100	PI/2 BPSK	135	138	16.21	16.35	16.28	17.00	
100	PI/2 BPSK	270	0	16.19	16.33	16.27	17.00	
100	QPSK	1	1	16.21	16.33	16.23	17.00	
100	QPSK	1	137	16.22	16.34	16.24	17.00	
100	QPSK	1	271	16.20	16.36	16.23	17.00	
100	QPSK	135	0	16.21	16.38	16.28	17.00	
100	QPSK	135	69	16.21	16.36	16.25	17.00	
100	QPSK	135	138	16.21	16.35	16.23	17.00	
100	QPSK	270	0	16.19	16.37	16.27	17.00	
100	16QAM	1	1	16.22	16.37	16.28	17.00	
100	64QAM	1	1	16.21	16.37	16.22	17.00	
100	256QAM	1	1	16.19	16.32	16.28	17.00	
		Channel			508200	518598	528996	Tune-up limit
		Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.13	16.27	16.18	17.00	
		Channel			507204	518598	529998	Tune-up limit
		Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.17	16.20	16.12	17.00	
		Channel			506202	518598	531000	Tune-up limit
		Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.14	16.22	16.18	17.00	
		Channel			505200	518598	531996	Tune-up limit
		Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.14	16.22	16.13	17.00	
		Channel			504204	518598	532998	Tune-up limit
		Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.14	16.23	16.21	17.00	
		Channel			503700	518598	533496	Tune-up limit
		Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	16.19	16.29	16.14	17.00	
		Channel			503202	518598	534000	Tune-up limit
		Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.10	16.26	16.14	17.00	
		Channel			502704	518598	534498	Tune-up limit
		Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	16.12	16.25	16.15	17.00	
		Channel			502200	518598	534996	Tune-up limit
		Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	16.22	16.19	16.11	17.00	
		Channel			501702	518598	535500	Tune-up limit

	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.15	16.30	16.15	17.00
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.20	16.30	16.16	17.00
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.11	16.24	16.18	17.00
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.13	16.19	16.17	17.00

【FR1 n66\_Ant 4\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			346000	349000	352000	
	Frequency (MHz)			1730	1745	1760	
40	PI/2 BPSK	1	1	23.86	23.75	23.72	24.00
40	PI/2 BPSK	1	108	23.70	23.60	23.51	24.00
40	PI/2 BPSK	1	214	23.80	23.71	23.56	24.00
40	PI/2 BPSK	108	0	23.19	23.10	23.01	23.50
40	PI/2 BPSK	108	54	23.60	23.54	23.39	24.00
40	PI/2 BPSK	108	108	23.21	23.18	23.14	23.50
40	PI/2 BPSK	216	0	23.17	23.09	23.00	23.50
40	QPSK	1	1	23.64	23.64	23.58	24.00
40	QPSK	1	108	23.59	23.55	23.46	24.00
40	QPSK	1	214	23.75	23.66	23.48	24.00
40	QPSK	108	0	23.22	23.12	22.95	24.00
40	QPSK	108	54	23.69	23.61	23.55	24.00
40	QPSK	108	108	23.16	23.20	23.08	24.00
40	QPSK	216	0	23.25	23.16	23.10	24.00
40	16QAM	1	1	23.68	23.71	23.57	24.00
40	64QAM	1	1	21.07	21.08	20.98	21.50
40	256QAM	1	1	17.87	17.80	17.72	19.50
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	23.82	23.63	23.67	24.00
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	23.73	23.64	23.60	24.00
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	23.82	23.66	23.59	24.00
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.79	23.69	23.71	24.00
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.79	23.70	23.61	24.00
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.72	23.67	23.63	24.00
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.73	23.68	23.58	24.00

【FR1 n66\_Ant 4\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			346000	349000	352000	
	Frequency (MHz)			1730	1745	1760	
40	PI/2 BPSK	1	1	23.86	23.75	23.72	24.00
40	PI/2 BPSK	1	108	23.70	23.60	23.51	24.00
40	PI/2 BPSK	1	214	23.80	23.71	23.56	24.00
40	PI/2 BPSK	108	0	23.19	23.10	23.01	23.50
40	PI/2 BPSK	108	54	23.60	23.54	23.39	24.00
40	PI/2 BPSK	108	108	23.21	23.18	23.14	23.50
40	PI/2 BPSK	216	0	23.17	23.09	23.00	23.50
40	QPSK	1	1	23.64	23.64	23.58	24.00

40	QPSK	1	108	23.59	23.55	23.46	24.00
40	QPSK	1	214	23.75	23.66	23.48	24.00
40	QPSK	108	0	23.22	23.12	22.95	24.00
40	QPSK	108	54	23.69	23.61	23.55	24.00
40	QPSK	108	108	23.16	23.20	23.08	24.00
40	QPSK	216	0	23.25	23.16	23.10	24.00
40	16QAM	1	1	23.68	23.71	23.57	24.00
40	64QAM	1	1	21.07	21.08	20.98	21.50
40	256QAM	1	1	17.87	17.80	17.72	19.50
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	23.82	23.63	23.67	24.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	23.73	23.64	23.60	24.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	23.82	23.66	23.59	24.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.79	23.69	23.71	24.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.79	23.70	23.61	24.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.72	23.67	23.63	24.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.73	23.68	23.58	24.00

**【FR1 n66\_Ant 4\_Receiver off】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.86	23.75	23.72	24.00
40	PI/2 BPSK	1	108	23.70	23.60	23.51	24.00
40	PI/2 BPSK	1	214	23.80	23.71	23.56	24.00
40	PI/2 BPSK	108	0	23.19	23.10	23.01	23.50
40	PI/2 BPSK	108	54	23.60	23.54	23.39	24.00
40	PI/2 BPSK	108	108	23.21	23.18	23.14	23.50
40	PI/2 BPSK	216	0	23.17	23.09	23.00	23.50
40	QPSK	1	1	23.64	23.64	23.58	24.00
40	QPSK	1	108	23.59	23.55	23.46	24.00
40	QPSK	1	214	23.75	23.66	23.48	24.00
40	QPSK	108	0	23.22	23.12	22.95	24.00
40	QPSK	108	54	23.69	23.61	23.55	24.00
40	QPSK	108	108	23.16	23.20	23.08	24.00
40	QPSK	216	0	23.25	23.16	23.10	24.00
40	16QAM	1	1	23.68	23.71	23.57	24.00
40	64QAM	1	1	21.07	21.08	20.98	21.50
40	256QAM	1	1	17.87	17.80	17.72	19.50
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	23.82	23.63	23.67	24.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	23.73	23.64	23.60	24.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	23.82	23.66	23.59	24.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.79	23.69	23.71	24.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.79	23.70	23.61	24.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.72	23.67	23.63	24.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.73	23.68	23.58	24.00

【FR1 n71\_Ant 0\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.84		25.00
35	PI/2 BPSK	1	90		23.71		25.00
35	PI/2 BPSK	1	186		23.82		25.00
35	PI/2 BPSK	90	0		23.06		24.50
35	PI/2 BPSK	90	45		23.50		25.00
35	PI/2 BPSK	90	90		22.94		24.50
35	PI/2 BPSK	180	0		22.84		24.50
35	QPSK	1	1		23.46		25.00
35	QPSK	1	90		23.47		25.00
35	QPSK	1	186		23.53		25.00
35	QPSK	90	0		23.01		24.00
35	QPSK	90	45		23.46		25.00
35	QPSK	90	90		22.89		24.00
35	QPSK	180	0		22.96		24.00
35	16QAM	1	1		23.31		24.00
35	64QAM	1	1		21.96		22.50
35	256QAM	1	1		19.29		20.50
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.71	23.74	23.75	25.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.63	23.65	23.70	25.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.63	23.68	23.64	25.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.58	23.65	23.67	25.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.65	23.68	23.74	25.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.63	23.60	23.63	25.00

【FR1 n71\_Ant 0\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.84		25.00
35	PI/2 BPSK	1	90		23.71		25.00
35	PI/2 BPSK	1	186		23.82		25.00
35	PI/2 BPSK	90	0		23.06		24.50
35	PI/2 BPSK	90	45		23.50		25.00
35	PI/2 BPSK	90	90		22.94		24.50
35	PI/2 BPSK	180	0		22.84		24.50
35	QPSK	1	1		23.46		25.00
35	QPSK	1	90		23.47		25.00
35	QPSK	1	186		23.53		25.00
35	QPSK	90	0		23.01		24.00
35	QPSK	90	45		23.46		25.00
35	QPSK	90	90		22.89		24.00
35	QPSK	180	0		22.96		24.00
35	16QAM	1	1		23.31		24.00
35	64QAM	1	1		21.96		22.50
35	256QAM	1	1		19.29		20.50
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.71	23.74	23.75	25.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	

25	PI/2 BPSK	1	1	23.63	23.65	23.70	25.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.63	23.68	23.64	25.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.58	23.65	23.67	25.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.65	23.68	23.74	25.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.63	23.60	23.63	25.00

【FR1 n71\_Ant 0\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.84		25.00
35	PI/2 BPSK	1	90		23.71		25.00
35	PI/2 BPSK	1	186		23.82		25.00
35	PI/2 BPSK	90	0		23.06		24.50
35	PI/2 BPSK	90	45		23.50		25.00
35	PI/2 BPSK	90	90		22.94		24.50
35	PI/2 BPSK	180	0		22.84		24.50
35	QPSK	1	1		23.46		25.00
35	QPSK	1	90		23.47		25.00
35	QPSK	1	186		23.53		25.00
35	QPSK	90	0		23.01		24.00
35	QPSK	90	45		23.46		25.00
35	QPSK	90	90		22.89		24.00
35	QPSK	180	0		22.96		24.00
35	16QAM	1	1		23.31		24.00
35	64QAM	1	1		21.96		22.50
35	256QAM	1	1		19.29		20.50
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.71	23.74	23.75	25.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.63	23.65	23.70	25.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.63	23.68	23.64	25.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.58	23.65	23.67	25.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.65	23.68	23.74	25.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.63	23.60	23.63	25.00

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 2\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.79		24.00
100	PI/2 BPSK	1	137		22.94		24.00
100	PI/2 BPSK	1	271		22.92		24.00
100	PI/2 BPSK	135	0		22.78		24.00
100	PI/2 BPSK	135	69		23.10		24.00
100	PI/2 BPSK	135	138		22.83		24.00
100	PI/2 BPSK	270	0		23.04		24.00
100	QPSK	1	1		22.83		24.00
100	QPSK	1	137		22.87		24.00

100	QPSK	1	271		22.89		24.00
100	QPSK	135	0		22.81		24.00
100	QPSK	135	69		22.73		24.00
100	QPSK	135	138		22.79		24.00
100	QPSK	270	0		22.88		24.00
100	16QAM	1	1		21.65		23.50
100	64QAM	1	1		21.42		23.00
100	256QAM	1	1		20.41		22.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.91	22.91	22.87	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.81	22.82	22.73	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.77	22.83	22.78	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.83	22.82	22.84	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.87	22.84	22.86	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.82	22.86	22.81	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.77	22.78	22.80	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	22.86	22.87	22.73	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.80	22.86	22.73	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	22.79	22.76	22.77	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.87	22.77	22.76	24.00

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_Ant 2\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.58	22.76	22.61	24.00
100	PI/2 BPSK	1	137	22.56	22.86	22.57	24.00
100	PI/2 BPSK	1	271	22.47	22.78	22.59	24.00
100	PI/2 BPSK	135	0	22.57	23.16	22.61	24.00
100	PI/2 BPSK	135	69	22.22	23.17	22.72	24.00
100	PI/2 BPSK	135	138	22.57	22.82	22.53	24.00
100	PI/2 BPSK	270	0	23.12	22.65	23.13	24.00
100	QPSK	1	1	22.51	22.76	22.59	24.00
100	QPSK	1	137	22.55	22.88	22.61	24.00
100	QPSK	1	271	22.41	22.73	22.44	24.00
100	QPSK	135	0	21.89	22.11	21.93	23.00
100	QPSK	135	69	22.58	22.90	22.60	24.00
100	QPSK	135	138	22.37	22.58	22.29	23.00
100	QPSK	270	0	22.50	22.78	22.61	23.00
100	16QAM	1	1	21.29	21.56	21.36	22.00
100	64QAM	1	1	21.30	21.59	21.34	22.00
100	256QAM	1	1	19.13	19.37	19.15	20.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	22.53	22.62	22.58	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.51	22.75	22.53	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	22.56	22.71	22.52	24.00
Channel				648668	656000	663332	Tune-up limit



	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.48	22.70	22.50	24.00
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	22.49	22.69	22.57	24.00
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.55	22.67	22.55	24.00
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.48	22.69	22.48	24.00
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	22.57	22.72	22.53	24.00
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.55	22.63	22.48	24.00
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	22.53	22.73	22.47	24.00
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	22.45	22.73	22.52	24.00

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 2\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		24.54		26.00
100	PI/2 BPSK	1	137		25.07		26.00
100	PI/2 BPSK	1	271		24.07		26.00
100	PI/2 BPSK	135	0		23.54		24.00
100	PI/2 BPSK	135	69		25.01		26.00
100	PI/2 BPSK	135	138		23.07		24.00
100	PI/2 BPSK	270	0		23.00		24.00
100	QPSK	1	1		24.78		26.00
100	QPSK	1	137		24.78		26.00
100	QPSK	1	271		24.75		26.00
100	QPSK	135	0		22.96		24.00
100	QPSK	135	69		24.59		26.00
100	QPSK	135	138		22.95		24.00
100	QPSK	270	0		22.94		24.00
100	16QAM	1	1		23.25		25.00
100	64QAM	1	1		23.27		23.50
100	256QAM	1	1		20.54		21.50
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.87	24.97	24.91	26.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.83	24.91	24.77	26.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.76	24.85	24.85	26.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.78	24.95	24.88	26.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.84	24.93	24.88	26.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.84	24.93	24.86	26.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.77	24.94	24.78	26.00
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.83	24.96	24.88	26.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.76	24.88	24.87	26.00
	Channel			630500	633332	636166	Tune-up limit



	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.82	24.83	24.87	26.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.86	24.93	24.84	26.00

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_HPUE\_Ant 2\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	24.69	24.71	24.72	26.00
100	PI/2 BPSK	1	137	24.68	24.85	24.72	26.00
100	PI/2 BPSK	1	271	24.68	24.84	24.72	26.00
100	PI/2 BPSK	135	0	22.56	22.70	22.61	24.00
100	PI/2 BPSK	135	69	24.49	24.54	24.54	26.00
100	PI/2 BPSK	135	138	22.30	22.41	22.30	24.00
100	PI/2 BPSK	270	0	22.56	22.56	22.56	24.00
100	QPSK	1	1	24.64	24.71	24.62	26.00
100	QPSK	1	137	24.55	24.71	24.71	26.00
100	QPSK	1	271	24.68	24.81	24.72	26.00
100	QPSK	135	0	22.60	22.63	22.56	23.50
100	QPSK	135	69	24.34	24.41	24.34	26.00
100	QPSK	135	138	22.18	22.32	22.27	23.50
100	QPSK	270	0	22.46	22.50	22.49	23.50
100	16QAM	1	1	22.51	22.67	22.59	24.00
100	64QAM	1	1	21.51	21.51	21.50	22.00
100	256QAM	1	1	19.50	19.62	19.57	21.50
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.55	24.68	24.61	26.00
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.58	24.58	24.62	26.00
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.67	24.58	24.63	26.00
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.54	24.69	24.67	26.00
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.58	24.62	24.68	26.00
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.56	24.62	24.67	26.00
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.58	24.69	24.59	26.00
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.64	24.62	24.66	26.00
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.60	24.69	24.61	26.00
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.62	24.66	24.58	26.00
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.62	24.60	24.67	26.00

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 2\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		22.79		24.00
100	PI/2 BPSK	1	137		22.94		24.00



100	PI/2 BPSK	1	271		22.92		24.00
100	PI/2 BPSK	135	0		22.78		24.00
100	PI/2 BPSK	135	69		23.10		24.00
100	PI/2 BPSK	135	138		22.83		24.00
100	PI/2 BPSK	270	0		23.04		24.00
100	QPSK	1	1		22.83		24.00
100	QPSK	1	137		22.87		24.00
100	QPSK	1	271		22.89		24.00
100	QPSK	135	0		22.81		24.00
100	QPSK	135	69		22.73		24.00
100	QPSK	135	138		22.79		24.00
100	QPSK	270	0		22.88		24.00
100	16QAM	1	1		21.65		23.50
100	64QAM	1	1		21.42		23.00
100	256QAM	1	1		20.41		22.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.91	22.91	22.87	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.81	22.82	22.73	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.77	22.83	22.78	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.83	22.82	22.84	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.87	22.84	22.86	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.82	22.86	22.81	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.77	22.78	22.80	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	22.86	22.87	22.73	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.80	22.86	22.73	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	22.79	22.76	22.77	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.87	22.77	22.76	24.00

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_Ant 2\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.58	22.76	22.61	24.00
100	PI/2 BPSK	1	137	22.56	22.86	22.57	24.00
100	PI/2 BPSK	1	271	22.47	22.78	22.59	24.00
100	PI/2 BPSK	135	0	22.57	23.16	22.61	24.00
100	PI/2 BPSK	135	69	22.22	23.17	22.72	24.00
100	PI/2 BPSK	135	138	22.57	22.82	22.53	24.00
100	PI/2 BPSK	270	0	23.12	22.65	23.13	24.00
100	QPSK	1	1	22.51	22.76	22.59	24.00
100	QPSK	1	137	22.55	22.88	22.61	24.00
100	QPSK	1	271	22.41	22.73	22.44	24.00
100	QPSK	135	0	21.89	22.11	21.93	23.00
100	QPSK	135	69	22.58	22.90	22.60	24.00
100	QPSK	135	138	22.37	22.58	22.29	23.00
100	QPSK	270	0	22.50	22.78	22.61	23.00
100	16QAM	1	1	21.29	21.56	21.36	22.00
100	64QAM	1	1	21.30	21.59	21.34	22.00
100	256QAM	1	1	19.13	19.37	19.15	20.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	22.53	22.62	22.58	24.00



	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.51	22.75	22.53	24.00
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	22.56	22.71	22.52	24.00
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.48	22.70	22.50	24.00
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	22.49	22.69	22.57	24.00
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.55	22.67	22.55	24.00
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.48	22.69	22.48	24.00
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	22.57	22.72	22.53	24.00
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.55	22.63	22.48	24.00
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	22.53	22.73	22.47	24.00
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	22.45	22.73	22.52	24.00

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 2\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		12.57		14.00
100	PI/2 BPSK	1	137		13.05		14.00
100	PI/2 BPSK	1	271		12.58		14.00
100	PI/2 BPSK	135	0		12.53		14.00
100	PI/2 BPSK	135	69		12.98		14.00
100	PI/2 BPSK	135	138		12.57		14.00
100	PI/2 BPSK	270	0		12.56		14.00
100	QPSK	1	1		12.56		14.00
100	QPSK	1	137		12.56		14.00
100	QPSK	1	271		12.52		14.00
100	QPSK	135	0		12.57		14.00
100	QPSK	135	69		12.56		14.00
100	QPSK	135	138		12.53		14.00
100	QPSK	270	0		12.56		14.00
100	16QAM	1	1		12.52		14.00
100	64QAM	1	1		12.52		14.00
100	256QAM	1	1		12.53		14.00
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.95	12.98	12.98	14.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.93	12.84	12.93	14.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.80	12.89	12.94	14.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.81	12.86	12.97	14.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.86	12.96	12.93	14.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.89	12.88	12.87	14.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.87	12.91	12.95	14.00

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	12.84	12.84	12.83	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.89	12.88	12.90	14.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	12.90	12.88	12.95	14.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	12.81	12.89	12.87	14.00

【FR1 n77 (270)\_FCC\_Part 27O (3700~3980MHz)\_Ant 2\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	12.87	12.92	12.89	14.00
100	PI/2 BPSK	1	137	12.84	13.06	12.93	14.00
100	PI/2 BPSK	1	271	12.89	12.91	12.95	14.00
100	PI/2 BPSK	135	0	12.88	12.62	12.90	14.00
100	PI/2 BPSK	135	69	12.73	13.03	12.71	14.00
100	PI/2 BPSK	135	138	12.85	12.89	12.94	14.00
100	PI/2 BPSK	270	0	12.90	12.95	12.93	14.00
100	QPSK	1	1	12.89	12.93	12.88	14.00
100	QPSK	1	137	12.92	12.89	12.95	14.00
100	QPSK	1	271	12.85	12.91	12.94	14.00
100	QPSK	135	0	12.91	12.88	12.91	14.00
100	QPSK	135	69	12.87	12.94	12.89	14.00
100	QPSK	135	138	12.89	12.89	12.91	14.00
100	QPSK	270	0	12.88	12.91	12.90	14.00
100	16QAM	1	1	12.92	12.91	12.94	14.00
100	64QAM	1	1	12.91	12.94	12.96	14.00
100	256QAM	1	1	12.92	12.89	12.94	14.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	12.82	12.86	12.75	14.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	12.81	12.80	12.75	14.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	12.84	12.84	12.77	14.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	12.83	12.88	12.79	14.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	12.85	12.83	12.76	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	12.83	12.88	12.79	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	12.75	12.79	12.83	14.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	12.85	12.78	12.78	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	12.83	12.78	12.84	14.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	12.80	12.86	12.77	14.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	12.73	12.79	12.84	14.00

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 2\_Receiver on】



BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.54		26.00
100	PI/2 BPSK	1	137		25.07		26.00
100	PI/2 BPSK	1	271		24.07		26.00
100	PI/2 BPSK	135	0		23.54		24.00
100	PI/2 BPSK	135	69		25.01		26.00
100	PI/2 BPSK	135	138		23.07		24.00
100	PI/2 BPSK	270	0		23.00		24.00
100	QPSK	1	1		24.78		26.00
100	QPSK	1	137		24.78		26.00
100	QPSK	1	271		24.75		26.00
100	QPSK	135	0		22.96		24.00
100	QPSK	135	69		24.59		26.00
100	QPSK	135	138		22.95		24.00
100	QPSK	270	0		22.94		24.00
100	16QAM	1	1		23.25		25.00
100	64QAM	1	1		23.27		23.50
100	256QAM	1	1		20.54		21.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.87	24.97	24.91	26.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.83	24.91	24.77	26.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.76	24.85	24.85	26.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.78	24.95	24.88	26.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.84	24.93	24.88	26.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.84	24.93	24.86	26.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.77	24.94	24.78	26.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.83	24.96	24.88	26.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.76	24.88	24.87	26.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.82	24.83	24.87	26.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.86	24.93	24.84	26.00

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_HPUE\_Ant 2\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.69	24.71	24.72	26.00
100	PI/2 BPSK	1	137	24.68	24.85	24.72	26.00
100	PI/2 BPSK	1	271	24.68	24.84	24.72	26.00
100	PI/2 BPSK	135	0	22.56	22.70	22.61	24.00
100	PI/2 BPSK	135	69	24.49	24.54	24.54	26.00
100	PI/2 BPSK	135	138	22.30	22.41	22.30	24.00
100	PI/2 BPSK	270	0	22.56	22.56	22.56	24.00
100	QPSK	1	1	24.64	24.71	24.62	26.00
100	QPSK	1	137	24.55	24.71	24.71	26.00
100	QPSK	1	271	24.68	24.81	24.72	26.00
100	QPSK	135	0	22.60	22.63	22.56	23.50
100	QPSK	135	69	24.34	24.41	24.34	26.00
100	QPSK	135	138	22.18	22.32	22.27	23.50



100	QPSK	270	0	22.46	22.50	22.49	23.50
100	16QAM	1	1	22.51	22.67	22.59	24.00
100	64QAM	1	1	21.51	21.51	21.50	22.00
100	256QAM	1	1	19.50	19.62	19.57	21.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.55	24.68	24.61	26.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.58	24.58	24.62	26.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.67	24.58	24.63	26.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.54	24.69	24.67	26.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.58	24.62	24.68	26.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.56	24.62	24.67	26.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.58	24.69	24.59	26.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.64	24.62	24.66	26.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.60	24.69	24.61	26.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.62	24.66	24.66	26.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.62	24.60	24.67	26.00

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 2\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.57		14.00
100	PI/2 BPSK	1	137		13.05		14.00
100	PI/2 BPSK	1	271		12.58		14.00
100	PI/2 BPSK	135	0		12.53		14.00
100	PI/2 BPSK	135	69		12.98		14.00
100	PI/2 BPSK	135	138		12.57		14.00
100	PI/2 BPSK	270	0		12.56		14.00
100	QPSK	1	1		12.56		14.00
100	QPSK	1	137		12.56		14.00
100	QPSK	1	271		12.52		14.00
100	QPSK	135	0		12.57		14.00
100	QPSK	135	69		12.56		14.00
100	QPSK	135	138		12.53		14.00
100	QPSK	270	0		12.56		14.00
100	16QAM	1	1		12.52		14.00
100	64QAM	1	1		12.52		14.00
100	256QAM	1	1		12.53		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.95	12.98	12.98	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.90	12.87	12.86	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.86	12.91	12.91	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.84	12.88	12.92	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)



50	PI/2 BPSK	1	1	12.92	12.85	12.89	14.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	12.87	12.92	12.91	14.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	12.93	12.95	12.88	14.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	12.84	12.90	12.84	14.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	12.81	12.87	12.90	14.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	12.91	12.84	12.85	14.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	12.88	12.93	12.97	14.00

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_HPUE\_Ant 2\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	12.87	12.92	12.89	14.00
100	PI/2 BPSK	1	137	12.84	13.06	12.93	14.00
100	PI/2 BPSK	1	271	12.89	12.91	12.95	14.00
100	PI/2 BPSK	135	0	12.88	12.62	12.90	14.00
100	PI/2 BPSK	135	69	12.73	13.03	12.71	14.00
100	PI/2 BPSK	135	138	12.85	12.89	12.94	14.00
100	PI/2 BPSK	270	0	12.90	12.95	12.93	14.00
100	QPSK	1	1	12.89	12.93	12.88	14.00
100	QPSK	1	137	12.92	12.89	12.95	14.00
100	QPSK	1	271	12.85	12.91	12.94	14.00
100	QPSK	135	0	12.91	12.88	12.91	14.00
100	QPSK	135	69	12.87	12.94	12.89	14.00
100	QPSK	135	138	12.89	12.89	12.91	14.00
100	QPSK	270	0	12.88	12.91	12.90	14.00
100	16QAM	1	1	12.92	12.91	12.94	14.00
100	64QAM	1	1	12.91	12.94	12.96	14.00
100	256QAM	1	1	12.92	12.89	12.94	14.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	12.78	12.86	12.79	14.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	12.72	12.86	12.80	14.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	12.77	12.83	12.82	14.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	12.74	12.86	12.77	14.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	12.79	12.80	12.76	14.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	12.84	12.89	12.81	14.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	12.74	12.80	12.79	14.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	12.76	12.78	12.82	14.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	12.82	12.77	12.84	14.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	12.75	12.81	12.83	14.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	



10	PI/2 BPSK	1	1	12.75	12.89	12.82	14.00
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【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 3\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.78		24.00
100	PI/2 BPSK	1	137		22.94		24.00
100	PI/2 BPSK	1	271		22.81		24.00
100	PI/2 BPSK	135	0		22.74		24.00
100	PI/2 BPSK	135	69		23.02		24.00
100	PI/2 BPSK	135	138		22.86		24.00
100	PI/2 BPSK	270	0		22.84		24.00
100	QPSK	1	1		22.77		24.00
100	QPSK	1	137		22.73		24.00
100	QPSK	1	271		22.79		24.00
100	QPSK	135	0		22.79		24.00
100	QPSK	135	69		22.76		24.00
100	QPSK	135	138		22.73		24.00
100	QPSK	270	0		22.91		24.00
100	16QAM	1	1		22.67		23.50
100	64QAM	1	1		22.57		23.00
100	256QAM	1	1		20.79		22.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.74	22.77	22.73	24.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.62	22.74	22.64	24.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.62	22.75	22.66	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.62	22.64	22.59	24.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.67	22.68	22.71	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.64	22.74	22.59	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.61	22.73	22.70	24.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.62	22.67	22.70	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.69	22.70	22.63	24.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.67	22.75	22.61	24.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.60	22.70	22.65	24.00

【FR1 n77 (27O)\_FCC\_Part 27O (3700~3980MHz)\_Ant 3\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.67	22.72	22.71	24.00
100	PI/2 BPSK	1	137	22.67	23.20	22.71	24.00
100	PI/2 BPSK	1	271	22.53	22.65	22.60	24.00
100	PI/2 BPSK	135	0	22.67	23.27	22.70	24.00
100	PI/2 BPSK	135	69	22.67	23.35	22.69	24.00
100	PI/2 BPSK	135	138	22.67	23.27	22.71	24.00



100	PI/2 BPSK	270	0	22.65	23.22	22.71	24.00
100	QPSK	1	1	22.65	23.03	22.71	24.00
100	QPSK	1	137	22.65	23.25	22.71	24.00
100	QPSK	1	271	22.59	22.75	22.64	24.00
100	QPSK	135	0	22.32	22.47	22.41	23.00
100	QPSK	135	69	22.67	23.07	22.70	24.00
100	QPSK	135	138	21.95	22.15	22.12	23.00
100	QPSK	270	0	22.29	22.36	22.21	23.00
100	16QAM	1	1	21.46	21.63	21.52	22.00
100	64QAM	1	1	21.71	21.78	21.66	22.00
100	256QAM	1	1	19.47	19.57	19.49	20.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	22.54	22.69	22.70	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.54	22.58	22.63	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	22.56	22.60	22.61	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.64	22.71	22.59	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	22.59	22.61	22.70	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.57	22.68	22.65	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.62	22.63	22.66	24.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	22.58	22.59	22.65	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.55	22.70	22.63	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	22.58	22.59	22.57	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	22.66	22.69	22.65	24.00

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 3\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.70		26.00
100	PI/2 BPSK	1	137		24.86		26.00
100	PI/2 BPSK	1	271		24.75		26.00
100	PI/2 BPSK	135	0		23.20		24.00
100	PI/2 BPSK	135	69		24.88		26.00
100	PI/2 BPSK	135	138		22.86		24.00
100	PI/2 BPSK	270	0		22.95		24.00
100	QPSK	1	1		24.73		26.00
100	QPSK	1	137		24.82		26.00
100	QPSK	1	271		24.78		26.00
100	QPSK	135	0		22.79		24.00
100	QPSK	135	69		24.84		26.00
100	QPSK	135	138		22.82		24.00
100	QPSK	270	0		22.87		24.00
100	16QAM	1	1		23.38		25.00
100	64QAM	1	1		22.67		23.50
100	256QAM	1	1		20.74		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.71	24.79	24.65	26.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.64	24.71	24.60	26.00
Channel				632334	633332	634332	Tune-up limit



		Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.65	24.77	24.63	26.00	
		Channel			632000	633332	634666	Tune-up limit
		Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.64	24.74	24.63	26.00	
		Channel			631668	633332	635000	Tune-up limit
		Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.57	24.65	24.62	26.00	
		Channel			631334	633332	635332	Tune-up limit
		Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.64	24.77	24.59	26.00	
		Channel			631000	633332	635666	Tune-up limit
		Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.58	24.75	24.52	26.00	
		Channel			630834	633332	635832	Tune-up limit
		Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.57	24.72	24.62	26.00	
		Channel			630668	633332	636000	Tune-up limit
		Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.69	24.77	24.50	26.00	
		Channel			630500	633332	636166	Tune-up limit
		Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.57	24.67	24.54	26.00	
		Channel			630334	633332	636332	Tune-up limit
		Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.68	24.76	24.56	26.00	

**【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_HPUE\_Ant 3\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100	PI/2 BPSK	1	1	24.67	24.78	24.77	26.00
100	PI/2 BPSK	1	137	24.64	24.88	24.77	26.00
100	PI/2 BPSK	1	271	24.55	24.73	24.57	26.00
100	PI/2 BPSK	135	0	23.02	23.25	23.11	24.00
100	PI/2 BPSK	135	69	24.67	25.01	24.76	26.00
100	PI/2 BPSK	135	138	23.81	23.93	23.90	24.00
100	PI/2 BPSK	270	0	22.88	23.07	22.96	24.00
100	QPSK	1	1	24.67	24.92	24.77	26.00
100	QPSK	1	137	24.67	24.93	24.77	26.00
100	QPSK	1	271	24.26	24.44	24.30	26.00
100	QPSK	135	0	22.99	23.17	23.09	24.00
100	QPSK	135	69	24.67	25.22	24.77	26.00
100	QPSK	135	138	22.99	23.14	23.04	24.00
100	QPSK	270	0	23.19	23.37	23.29	24.00
100	16QAM	1	1	22.44	22.67	22.64	24.00
100	64QAM	1	1	21.13	21.31	21.28	22.00
100	256QAM	1	1	19.55	19.71	19.66	21.50
		Channel		649668	656000	662332	Tune-up limit
		Frequency (MHz)		3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.65	24.68	24.62	26.00
		Channel		649334	656000	662666	Tune-up limit
		Frequency (MHz)		3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.57	24.75	24.71	26.00
		Channel		649000	656000	663000	Tune-up limit
		Frequency (MHz)		3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.64	24.71	24.63	26.00
		Channel		648668	656000	663332	Tune-up limit
		Frequency (MHz)		3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.54	24.75	24.71	26.00
		Channel		648334	656000	663666	Tune-up limit
		Frequency (MHz)		3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.65	24.75	24.72	26.00
		Channel		648000	656000	664000	Tune-up limit
		Frequency (MHz)		3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.56	24.67	24.68	26.00
		Channel		647668	656000	664332	Tune-up limit
		Frequency (MHz)		3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.63	24.70	24.65	26.00
		Channel		647500	656000	664500	Tune-up limit
		Frequency (MHz)		3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.62	24.69	24.72	26.00
		Channel		647334	656000	664666	Tune-up limit



20	PI/2 BPSK	1	1	3710.01	3840	3969.99	(dBm)
Channel				24.60	24.64	24.67	26.00
Frequency (MHz)				647168	656000	664832	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	3707.52	3840	3972.48	26.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	26.00
10	PI/2 BPSK	1	1	24.55	24.70	24.64	26.00

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450-3550MHz)\_Ant 3\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.19		23.50
100	PI/2 BPSK	1	137		22.36		23.50
100	PI/2 BPSK	1	271		22.17		23.50
100	PI/2 BPSK	135	0		22.19		23.50
100	PI/2 BPSK	135	69		22.37		23.50
100	PI/2 BPSK	135	138		22.18		23.50
100	PI/2 BPSK	270	0		22.21		23.50
100	QPSK	1	1		22.17		23.50
100	QPSK	1	137		22.22		23.50
100	QPSK	1	271		22.17		23.50
100	QPSK	135	0		22.20		23.50
100	QPSK	135	69		22.23		23.50
100	QPSK	135	138		22.17		23.50
100	QPSK	270	0		22.20		23.50
100	16QAM	1	1		22.20		23.50
100	64QAM	1	1		22.18		23.50
100	256QAM	1	1		20.74		21.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.18	22.21	22.21	23.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.16	22.15	22.16	23.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.07	22.15	22.11	23.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.07	22.16	22.18	23.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.08	22.11	22.14	23.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.03	22.14	22.12	23.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.15	22.20	22.16	23.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.05	22.10	22.14	23.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.11	22.10	22.08	23.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.06	22.10	22.18	23.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.06	22.20	22.17	23.50

【FR1 n77 (27O)\_FCC\_Part 27O (3700-3980MHz)\_Ant 3\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	



Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.81	21.80	21.83	23.50
100	PI/2 BPSK	1	137	21.80	22.33	21.78	23.50
100	PI/2 BPSK	1	271	21.64	21.74	21.71	23.50
100	PI/2 BPSK	135	0	21.74	22.37	21.78	23.50
100	PI/2 BPSK	135	69	21.76	22.44	21.79	23.50
100	PI/2 BPSK	135	138	21.75	22.40	21.77	23.50
100	PI/2 BPSK	270	0	21.76	22.33	21.81	23.50
100	QPSK	1	1	21.74	22.15	21.80	23.50
100	QPSK	1	137	21.72	22.33	21.82	23.50
100	QPSK	1	271	21.67	21.81	21.74	23.50
100	QPSK	135	0	21.51	21.56	21.54	23.50
100	QPSK	135	69	21.78	22.14	21.79	23.50
100	QPSK	135	138	21.95	22.15	22.12	23.50
100	QPSK	270	0	22.29	22.36	22.21	23.50
100	16QAM	1	1	21.50	21.63	21.52	23.50
100	64QAM	1	1	21.71	21.78	21.66	22.50
100	256QAM	1	1	19.52	19.57	19.53	21.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.71	21.76	21.81	23.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.74	21.69	21.71	23.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.68	21.70	21.75	23.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.74	21.79	21.79	23.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.70	21.72	21.79	23.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.76	21.66	21.76	23.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.74	21.72	21.70	23.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.68	21.78	21.80	23.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.72	21.65	21.71	23.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.74	21.76	21.76	23.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.68	21.75	21.73	23.50

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 3\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.17		22.50
100	PI/2 BPSK	1	137		21.34		22.50
100	PI/2 BPSK	1	271		21.17		22.50
100	PI/2 BPSK	135	0		21.19		22.50
100	PI/2 BPSK	135	69		21.36		22.50
100	PI/2 BPSK	135	138		21.17		22.50
100	PI/2 BPSK	270	0		21.18		22.50
100	QPSK	1	1		21.18		22.50
100	QPSK	1	137		21.25		22.50
100	QPSK	1	271		21.17		22.50
100	QPSK	135	0		21.19		22.50
100	QPSK	135	69		21.21		22.50
100	QPSK	135	138		21.17		22.50
100	QPSK	270	0		21.19		22.50
100	16QAM	1	1		21.16		22.50
100	64QAM	1	1		21.15		22.50
100	256QAM	1	1		20.74		21.50



	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.22	21.22	21.23	22.50
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.10	21.13	21.21	22.50
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.13	21.08	21.19	22.50
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.13	21.13	21.12	22.50
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.16	21.11	21.09	22.50
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.09	21.15	21.16	22.50
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.12	21.14	21.08	22.50
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.12	21.13	21.19	22.50
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.16	21.09	21.11	22.50
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.13	21.13	21.11	22.50
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.19	21.18	21.11	22.50

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_Ant 3\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	20.84	20.82	20.75	22.50
100	PI/2 BPSK	1	137	20.80	21.33	20.83	22.50
100	PI/2 BPSK	1	271	20.66	20.78	20.70	22.50
100	PI/2 BPSK	135	0	20.80	21.43	20.80	22.50
100	PI/2 BPSK	135	69	20.75	21.52	20.72	22.50
100	PI/2 BPSK	135	138	20.84	21.37	20.74	22.50
100	PI/2 BPSK	270	0	20.73	21.37	20.82	22.50
100	QPSK	1	1	20.75	21.15	20.79	22.50
100	QPSK	1	137	20.74	21.31	20.80	22.50
100	QPSK	1	271	20.70	20.84	20.73	22.50
100	QPSK	135	0	20.56	20.61	20.54	22.50
100	QPSK	135	69	20.96	21.13	21.09	22.50
100	QPSK	135	138	21.31	21.40	21.24	22.50
100	QPSK	270	0	20.96	21.13	21.09	22.50
100	16QAM	1	1	20.51	20.60	20.51	22.50
100	64QAM	1	1	20.72	20.79	20.69	22.50
100	256QAM	1	1	19.50	19.57	19.50	21.50
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.69	20.77	20.64	22.50
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.72	20.76	20.72	22.50
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.81	20.69	20.68	22.50
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.80	20.81	20.74	22.50
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.80	20.72	20.62	22.50
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.80	20.69	20.74	22.50



Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.70	20.69	20.71	22.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.71	20.73	20.61	22.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.72	20.72	20.69	22.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.77	20.70	20.73	22.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.80	20.79	20.71	22.50

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450-3550MHz)\_HPUE\_Ant 3\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.19		23.50
100	PI/2 BPSK	1	137		22.36		23.50
100	PI/2 BPSK	1	271		22.17		23.50
100	PI/2 BPSK	135	0		22.19		23.50
100	PI/2 BPSK	135	69		22.37		23.50
100	PI/2 BPSK	135	138		22.18		23.50
100	PI/2 BPSK	270	0		22.21		23.50
100	QPSK	1	1		22.17		23.50
100	QPSK	1	137		22.22		23.50
100	QPSK	1	271		22.17		23.50
100	QPSK	135	0		22.20		23.50
100	QPSK	135	69		22.23		23.50
100	QPSK	135	138		22.17		23.50
100	QPSK	270	0		22.20		23.50
100	16QAM	1	1		22.20		23.50
100	64QAM	1	1		22.18		23.00
100	256QAM	1	1		20.74		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.18	22.21	22.21	23.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.08	22.15	22.18	23.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.05	22.17	22.09	23.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.13	22.11	22.12	23.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.13	22.20	22.20	23.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.08	22.17	22.17	23.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.07	22.15	22.15	23.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	22.16	22.18	22.11	23.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.04	22.18	22.14	23.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	22.14	22.17	22.09	23.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.15	22.17	22.17	23.50

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_HPUE\_Ant 3\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.81	21.80	21.83	23.50
100	PI/2 BPSK	1	137	21.80	22.33	21.78	23.50
100	PI/2 BPSK	1	271	21.64	21.74	21.71	23.50
100	PI/2 BPSK	135	0	21.74	22.37	21.78	23.50
100	PI/2 BPSK	135	69	21.76	22.44	21.79	23.50
100	PI/2 BPSK	135	138	21.75	22.40	21.77	23.50
100	PI/2 BPSK	270	0	21.76	22.33	21.81	23.50
100	QPSK	1	1	21.74	22.15	21.80	23.50
100	QPSK	1	137	21.72	22.33	21.82	23.50
100	QPSK	1	271	21.67	21.81	21.74	23.50
100	QPSK	135	0	21.51	21.56	21.54	23.50
100	QPSK	135	69	21.78	22.14	21.79	23.50
100	QPSK	135	138	21.95	22.15	22.12	23.50
100	QPSK	270	0	22.29	22.36	22.21	23.50
100	16QAM	1	1	21.50	21.63	21.52	23.50
100	64QAM	1	1	21.71	21.78	21.66	23.50
100	256QAM	1	1	19.52	19.57	19.53	21.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.66	21.73	21.69	23.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.74	21.78	21.69	23.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.79	21.76	21.69	23.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.77	21.74	21.82	23.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.68	21.72	21.75	23.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.76	21.69	21.80	23.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	21.72	21.77	21.71	23.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	21.69	21.79	21.71	23.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.69	21.74	21.70	23.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.73	21.74	21.77	23.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.67	21.65	21.72	23.50

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 3\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.17		22.50
100	PI/2 BPSK	1	137		21.34		22.50
100	PI/2 BPSK	1	271		21.17		22.50
100	PI/2 BPSK	135	0		21.19		22.50
100	PI/2 BPSK	135	69		21.36		22.50
100	PI/2 BPSK	135	138		21.17		22.50
100	PI/2 BPSK	270	0		21.18		22.50
100	QPSK	1	1		21.18		22.50
100	QPSK	1	137		21.25		22.50
100	QPSK	1	271		21.17		22.50

100	QPSK	135	0		21.19		22.50
100	QPSK	135	69		21.21		22.50
100	QPSK	135	138		21.17		22.50
100	QPSK	270	0		21.19		22.50
100	16QAM	1	1		21.16		22.50
100	64QAM	1	1		21.15		22.50
100	256QAM	1	1		20.74		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.22	21.22	21.23	22.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.07	21.17	21.11	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.18	21.19	21.21	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.18	21.18	21.21	22.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.20	21.11	21.12	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.17	21.08	21.14	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.17	21.08	21.13	22.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.15	21.09	21.08	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.08	21.16	21.18	22.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.11	21.18	21.18	22.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.14	21.08	21.16	22.50

**【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_HPUE\_Ant 3\_Receiver off】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.84	20.82	20.75	22.50
100	PI/2 BPSK	1	137	20.80	21.33	20.83	22.50
100	PI/2 BPSK	1	271	20.66	20.78	20.70	22.50
100	PI/2 BPSK	135	0	20.80	21.43	20.80	22.50
100	PI/2 BPSK	135	69	20.75	21.52	20.72	22.50
100	PI/2 BPSK	135	138	20.84	21.37	20.74	22.50
100	PI/2 BPSK	270	0	20.73	21.37	20.82	22.50
100	QPSK	1	1	20.75	21.15	20.79	22.50
100	QPSK	1	137	20.74	21.31	20.80	22.50
100	QPSK	1	271	20.70	20.84	20.73	22.50
100	QPSK	135	0	20.56	20.61	20.54	22.50
100	QPSK	135	69	20.96	21.13	21.09	22.50
100	QPSK	135	138	21.31	21.40	21.24	22.50
100	QPSK	270	0	20.96	21.13	21.09	22.50
100	16QAM	1	1	20.51	20.60	20.51	22.50
100	64QAM	1	1	20.72	20.79	20.69	22.50
100	256QAM	1	1	19.50	19.57	19.50	21.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.75	20.75	20.70	22.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.74	20.67	20.71	22.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.83	20.76	20.61	22.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)



60	PI/2 BPSK	1	1	20.78	20.71	20.61	22.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.83	20.74	20.69	22.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.73	20.67	20.62	22.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.70	20.70	20.69	22.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	20.71	20.74	20.68	22.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.70	20.76	20.73	22.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.81	20.68	20.67	22.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.80	20.69	20.63	22.50

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 4\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.01		24.00
100	PI/2 BPSK	1	137		23.50		24.00
100	PI/2 BPSK	1	271		23.49		24.00
100	PI/2 BPSK	135	0		23.30		24.00
100	PI/2 BPSK	135	69		23.57		24.00
100	PI/2 BPSK	135	138		23.51		24.00
100	PI/2 BPSK	270	0		23.48		24.00
100	QPSK	1	1		23.17		24.00
100	QPSK	1	137		23.47		24.00
100	QPSK	1	271		23.47		24.00
100	QPSK	135	0		22.87		24.00
100	QPSK	135	69		23.54		24.00
100	QPSK	135	138		23.26		24.00
100	QPSK	270	0		23.03		24.00
100	16QAM	1	1		22.61		23.50
100	64QAM	1	1		22.46		23.00
100	256QAM	1	1		20.81		22.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.97	22.95	22.94	24.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.91	22.86	22.86	24.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.88	22.93	22.80	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.90	22.86	22.81	24.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.86	22.87	22.90	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.87	22.85	22.80	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.96	22.80	22.87	24.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.89	22.81	22.79	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.84	22.94	22.86	24.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	



15	PI/2 BPSK	1	1	22.94	22.88	22.80	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.95	22.85	22.79	24.00

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_Ant 4\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.04	22.71	22.73	24.00
100	PI/2 BPSK	1	137	23.04	23.10	22.73	24.00
100	PI/2 BPSK	1	271	23.04	22.91	22.72	24.00
100	PI/2 BPSK	135	0	22.84	22.63	22.56	24.00
100	PI/2 BPSK	135	69	23.04	22.93	22.72	24.00
100	PI/2 BPSK	135	138	23.03	22.84	22.72	24.00
100	PI/2 BPSK	270	0	22.88	22.69	22.64	24.00
100	QPSK	1	1	23.03	22.97	22.73	24.00
100	QPSK	1	137	23.02	23.05	22.73	24.00
100	QPSK	1	271	23.03	22.89	22.73	24.00
100	QPSK	135	0	22.41	22.19	22.09	23.00
100	QPSK	135	69	23.04	22.89	22.71	24.00
100	QPSK	135	138	22.78	22.47	22.35	23.00
100	QPSK	270	0	22.47	22.23	22.16	23.00
100	16QAM	1	1	21.35	21.17	21.09	22.00
100	64QAM	1	1	21.24	21.05	21.02	22.00
100	256QAM	1	1	19.70	19.47	19.37	20.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.01	22.70	22.70	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.94	22.57	22.64	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.02	22.61	22.61	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.96	22.61	22.70	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	22.99	22.68	22.71	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.94	22.68	22.67	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.90	22.58	22.59	24.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.02	22.63	22.67	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.92	22.59	22.68	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	22.90	22.69	22.62	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	22.98	22.65	22.67	24.00

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 4\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.00		26.00
100	PI/2 BPSK	1	137		25.50		26.00
100	PI/2 BPSK	1	271		25.47		26.00



100	PI/2 BPSK	135	0		23.35		24.00
100	PI/2 BPSK	135	69		25.46		26.00
100	PI/2 BPSK	135	138		23.67		24.00
100	PI/2 BPSK	270	0		23.44		24.00
100	QPSK	1	1		24.97		26.00
100	QPSK	1	137		25.47		26.00
100	QPSK	1	271		25.44		26.00
100	QPSK	135	0		22.91		24.00
100	QPSK	135	69		25.48		26.00
100	QPSK	135	138		23.23		24.00
100	QPSK	270	0		23.01		24.00
100	16QAM	1	1		23.88		25.00
100	64QAM	1	1		22.51		23.50
100	256QAM	1	1		20.74		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.86	24.96	24.91	26.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.76	24.86	24.80	26.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.82	24.83	24.87	26.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.71	24.87	24.87	26.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.78	24.83	24.87	26.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.78	24.84	24.84	26.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.73	24.83	24.79	26.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.78	24.82	24.87	26.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.80	24.83	24.89	26.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.79	24.83	24.83	26.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.81	24.87	24.80	26.00

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_HPUE\_Ant 4\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.94	24.63	24.78	26.00
100	PI/2 BPSK	1	137	24.94	24.97	24.76	26.00
100	PI/2 BPSK	1	271	24.94	24.82	24.78	26.00
100	PI/2 BPSK	135	0	22.89	22.65	22.65	24.00
100	PI/2 BPSK	135	69	24.94	24.80	24.76	26.00
100	PI/2 BPSK	135	138	23.06	22.91	23.01	24.00
100	PI/2 BPSK	270	0	22.95	22.71	22.80	24.00
100	QPSK	1	1	24.58	24.36	24.39	26.00
100	QPSK	1	137	24.94	24.92	24.78	26.00
100	QPSK	1	271	24.92	24.79	24.78	26.00
100	QPSK	135	0	22.37	22.19	22.20	23.50
100	QPSK	135	69	24.92	24.85	24.78	26.00
100	QPSK	135	138	22.60	22.45	22.57	23.50
100	QPSK	270	0	22.39	22.25	22.33	23.50
100	16QAM	1	1	22.90	22.67	22.72	24.00
100	64QAM	1	1	21.40	21.19	21.31	22.00
100	256QAM	1	1	19.75	19.62	19.72	21.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.81	24.60	24.71	26.00
Channel				649334	656000	662666	Tune-up limit



		Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.79	24.61	24.63	26.00	
		Channel			649000	656000	663000	Tune-up limit
		Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.86	24.52	24.76	26.00	
		Channel			648668	656000	663332	Tune-up limit
		Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.89	24.48	24.64	26.00	
		Channel			648334	656000	663666	Tune-up limit
		Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.83	24.58	24.65	26.00	
		Channel			648000	656000	664000	Tune-up limit
		Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.92	24.51	24.69	26.00	
		Channel			647668	656000	664332	Tune-up limit
		Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.87	24.55	24.72	26.00	
		Channel			647500	656000	664500	Tune-up limit
		Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.84	24.51	24.63	26.00	
		Channel			647334	656000	664666	Tune-up limit
		Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.92	24.57	24.68	26.00	
		Channel			647168	656000	664832	Tune-up limit
		Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.93	24.53	24.76	26.00	
		Channel			647000	656000	665000	Tune-up limit
		Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.81	24.62	24.76	26.00	

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 4\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
					633332		
					3499.98		
100	PI/2 BPSK	1	1		21.46		22.00
100	PI/2 BPSK	1	137		21.52		22.00
100	PI/2 BPSK	1	271		21.51		22.00
100	PI/2 BPSK	135	0		21.48		22.00
100	PI/2 BPSK	135	69		21.50		22.00
100	PI/2 BPSK	135	138		21.47		22.00
100	PI/2 BPSK	270	0		21.44		22.00
100	QPSK	1	1		21.47		22.00
100	QPSK	1	137		21.48		22.00
100	QPSK	1	271		21.45		22.00
100	QPSK	135	0		21.48		22.00
100	QPSK	135	69		21.47		22.00
100	QPSK	135	138		21.51		22.00
100	QPSK	270	0		21.51		22.00
100	16QAM	1	1		21.51		22.00
100	64QAM	1	1		21.46		22.00
100	256QAM	1	1		21.50		22.00
				633000	633332	633666	Tune-up limit
				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.22	21.24	21.23	22.00
				632668	633332	634000	Tune-up limit
				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.19	21.19	21.11	22.00
				632334	633332	634332	Tune-up limit
				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.12	21.11	21.08	22.00
				632000	633332	634666	Tune-up limit
				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.12	21.15	21.14	22.00
				631668	633332	635000	Tune-up limit
				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.17	21.17	21.09	22.00
				631334	633332	635332	Tune-up limit
				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.12	21.14	21.13	22.00
				631000	633332	635666	Tune-up limit
				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.12	21.09	21.19	22.00
				630834	633332	635832	Tune-up limit

25	PI/2 BPSK	1	1	3462.51	3499.98	3537.48	(dBm)
	Channel			21.08	21.10	21.11	22.00
	Frequency (MHz)			630668	633332	636000	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	3460.02	3499.98	3540	22.00
	Channel			630500	633332	636166	Tune-up limit (dBm)
	Frequency (MHz)			3457.5	3499.98	3542.49	22.00
15	PI/2 BPSK	1	1	21.17	21.21	21.13	22.00
	Channel			630334	633332	636332	Tune-up limit (dBm)
	Frequency (MHz)			3455.01	3499.98	3544.98	22.00
10	PI/2 BPSK	1	1	21.14	21.19	21.11	22.00

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_Ant 4\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	21.40	21.12	21.25	22.00
100	PI/2 BPSK	1	137	21.43	21.48	21.24	22.00
100	PI/2 BPSK	1	271	21.45	21.14	21.25	22.00
100	PI/2 BPSK	135	0	21.48	21.16	21.31	22.00
100	PI/2 BPSK	135	69	21.45	21.32	21.28	22.00
100	PI/2 BPSK	135	138	21.48	21.14	21.25	22.00
100	PI/2 BPSK	270	0	21.44	21.12	21.26	22.00
100	QPSK	1	1	21.46	21.10	21.30	22.00
100	QPSK	1	137	21.47	21.16	21.26	22.00
100	QPSK	1	271	21.40	21.11	21.28	22.00
100	QPSK	135	0	21.43	21.14	21.29	22.00
100	QPSK	135	69	21.42	21.16	21.32	22.00
100	QPSK	135	138	21.42	21.15	21.25	22.00
100	QPSK	270	0	21.41	21.16	21.26	22.00
100	16QAM	1	1	21.35	21.17	21.09	22.00
100	64QAM	1	1	21.24	21.05	21.02	22.00
100	256QAM	1	1	19.70	19.47	19.37	21.00
	Channel			649668	656000	662332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3840	3934.98	22.00
90	PI/2 BPSK	1	1	21.31	21.09	21.13	22.00
	Channel			649334	656000	662666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3840	3939.99	22.00
80	PI/2 BPSK	1	1	21.38	21.00	21.22	22.00
	Channel			649000	656000	663000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3840	3945	22.00
70	PI/2 BPSK	1	1	21.36	21.08	21.21	22.00
	Channel			648668	656000	663332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3840	3949.98	22.00
60	PI/2 BPSK	1	1	21.31	20.98	21.22	22.00
	Channel			648334	656000	663666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	22.00
50	PI/2 BPSK	1	1	21.31	21.09	21.24	22.00
	Channel			648000	656000	664000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3840	3960	22.00
40	PI/2 BPSK	1	1	21.28	21.00	21.11	22.00
	Channel			647668	656000	664332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	22.00
30	PI/2 BPSK	1	1	21.29	20.97	21.22	22.00
	Channel			647500	656000	664500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	22.00
25	PI/2 BPSK	1	1	21.34	21.02	21.11	22.00
	Channel			647334	656000	664666	Tune-up limit (dBm)
	Frequency (MHz)			3710.01	3840	3969.99	22.00
20	PI/2 BPSK	1	1	21.26	21.09	21.20	22.00
	Channel			647168	656000	664832	Tune-up limit (dBm)
	Frequency (MHz)			3707.52	3840	3972.48	22.00
15	PI/2 BPSK	1	1	21.35	21.07	21.22	22.00
	Channel			647000	656000	665000	Tune-up limit (dBm)
	Frequency (MHz)			3705	3840	3975	22.00
10	PI/2 BPSK	1	1	21.27	20.97	21.11	22.00

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 4\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.52		19.50
100	PI/2 BPSK	1	137		19.01		19.50
100	PI/2 BPSK	1	271		18.50		19.50
100	PI/2 BPSK	135	0		18.53		19.50
100	PI/2 BPSK	135	69		18.92		19.50
100	PI/2 BPSK	135	138		18.54		19.50
100	PI/2 BPSK	270	0		18.54		19.50
100	QPSK	1	1		18.53		19.50
100	QPSK	1	137		18.53		19.50
100	QPSK	1	271		18.47		19.50
100	QPSK	135	0		18.51		19.50
100	QPSK	135	69		18.47		19.50
100	QPSK	135	138		18.52		19.50
100	QPSK	270	0		18.52		19.50
100	16QAM	1	1		18.51		19.50
100	64QAM	1	1		18.46		19.50
100	256QAM	1	1		18.47		19.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.49	18.51	18.49	19.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.40	18.41	18.38	19.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.41	18.50	18.44	19.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.39	18.45	18.36	19.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.44	18.37	18.44	19.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.41	18.50	18.38	19.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.43	18.44	18.42	19.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.36	18.44	18.43	19.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.42	18.46	18.47	19.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.43	18.45	18.41	19.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.39	18.46	18.41	19.50

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_Ant 4\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000		
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.43	18.11	18.29	19.50
100	PI/2 BPSK	1	137	18.40	18.48	18.28	19.50
100	PI/2 BPSK	1	271	18.44	18.16	18.29	19.50
100	PI/2 BPSK	135	0	18.44	18.13	18.28	19.50
100	PI/2 BPSK	135	69	18.43	18.30	18.27	19.50
100	PI/2 BPSK	135	138	18.42	18.12	18.27	19.50
100	PI/2 BPSK	270	0	18.48	18.13	18.31	19.50
100	QPSK	1	1	18.44	18.11	18.29	19.50
100	QPSK	1	137	18.41	18.12	18.30	19.50
100	QPSK	1	271	18.44	18.12	18.30	19.50
100	QPSK	135	0	18.42	18.17	18.27	19.50
100	QPSK	135	69	18.42	18.12	18.27	19.50
100	QPSK	135	138	18.44	18.17	18.24	19.50
100	QPSK	270	0	18.43	18.10	18.30	19.50



100	16QAM	1	1	18.45	18.14	18.25	19.50
100	64QAM	1	1	18.46	18.10	18.24	19.50
100	256QAM	1	1	18.46	18.12	18.26	19.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.36	18.07	18.27	19.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.33	18.05	18.21	19.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.36	18.09	18.27	19.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.30	17.97	18.19	19.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.29	17.97	18.19	19.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.38	17.98	18.18	19.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	18.40	17.98	18.24	19.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	18.38	18.09	18.21	19.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.32	18.05	18.22	19.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.37	17.97	18.16	19.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.36	18.09	18.27	19.50

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 4\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.46		22.00
100	PI/2 BPSK	1	137		21.52		22.00
100	PI/2 BPSK	1	271		21.51		22.00
100	PI/2 BPSK	135	0		21.48		22.00
100	PI/2 BPSK	135	69		21.50		22.00
100	PI/2 BPSK	135	138		21.47		22.00
100	PI/2 BPSK	270	0		21.44		22.00
100	QPSK	1	1		21.47		22.00
100	QPSK	1	137		21.48		22.00
100	QPSK	1	271		21.45		22.00
100	QPSK	135	0		21.48		22.00
100	QPSK	135	69		21.47		22.00
100	QPSK	135	138		21.51		22.00
100	QPSK	270	0		21.51		22.00
100	16QAM	1	1		21.51		22.00
100	64QAM	1	1		21.46		22.00
100	256QAM	1	1		21.50		22.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.22	21.24	21.23	22.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.10	21.14	21.11	22.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.11	21.11	21.12	22.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.09	21.17	21.12	22.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.18	21.11	21.09	22.00

Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.11	21.12	21.16	22.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.21	21.16	21.14	22.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.14	21.10	21.16	22.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.09	21.14	21.17	22.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.13	21.11	21.20	22.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.15	21.14	21.19	22.00

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_HPUE\_Ant 4\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.40	21.12	21.25	22.00
100	PI/2 BPSK	1	137	21.43	21.48	21.24	22.00
100	PI/2 BPSK	1	271	21.45	21.14	21.25	22.00
100	PI/2 BPSK	135	0	21.48	21.16	21.31	22.00
100	PI/2 BPSK	135	69	21.45	21.32	21.28	22.00
100	PI/2 BPSK	135	138	21.48	21.14	21.25	22.00
100	PI/2 BPSK	270	0	21.44	21.12	21.26	22.00
100	QPSK	1	1	21.46	21.10	21.30	22.00
100	QPSK	1	137	21.47	21.16	21.26	22.00
100	QPSK	1	271	21.40	21.11	21.28	22.00
100	QPSK	135	0	21.43	21.14	21.29	22.00
100	QPSK	135	69	21.42	21.16	21.32	22.00
100	QPSK	135	138	21.42	21.15	21.25	22.00
100	QPSK	270	0	21.41	21.16	21.26	22.00
100	16QAM	1	1	21.35	21.17	21.09	22.00
100	64QAM	1	1	21.24	21.05	21.02	22.00
100	256QAM	1	1	19.70	19.47	19.37	21.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.34	20.98	21.15	22.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.36	21.05	21.18	22.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.33	21.05	21.19	22.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.39	20.98	21.18	22.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.29	20.98	21.10	22.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.35	21.02	21.15	22.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.33	21.10	21.13	22.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.28	20.98	21.17	22.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.29	21.05	21.12	22.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.34	21.01	21.17	22.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.35	21.07	21.20	22.00

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 4\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.52		19.50
100	PI/2 BPSK	1	137		19.01		19.50
100	PI/2 BPSK	1	271		18.50		19.50
100	PI/2 BPSK	135	0		18.53		19.50
100	PI/2 BPSK	135	69		18.92		19.50
100	PI/2 BPSK	135	138		18.54		19.50
100	PI/2 BPSK	270	0		18.54		19.50
100	QPSK	1	1		18.53		19.50
100	QPSK	1	137		18.53		19.50
100	QPSK	1	271		18.47		19.50
100	QPSK	135	0		18.51		19.50
100	QPSK	135	69		18.47		19.50
100	QPSK	135	138		18.52		19.50
100	QPSK	270	0		18.52		19.50
100	16QAM	1	1		18.51		19.50
100	64QAM	1	1		18.46		19.50
100	256QAM	1	1		18.47		19.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.49	18.51	18.49	19.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.37	18.50	18.38	19.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.45	18.38	18.47	19.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.38	18.43	18.38	19.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.34	18.40	18.44	19.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.39	18.40	18.45	19.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.38	18.50	18.40	19.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.39	18.42	18.40	19.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.37	18.47	18.43	19.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.44	18.42	18.35	19.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.46	18.43	18.36	19.50

【FR1 n77 (27O)\_FCC\_Part 27O (3700~3980MHz)\_HPUE\_Ant 4\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.43	18.11	18.29	19.50
100	PI/2 BPSK	1	137	18.40	18.48	18.28	19.50
100	PI/2 BPSK	1	271	18.44	18.16	18.29	19.50
100	PI/2 BPSK	135	0	18.44	18.13	18.28	19.50
100	PI/2 BPSK	135	69	18.43	18.30	18.27	19.50
100	PI/2 BPSK	135	138	18.42	18.12	18.27	19.50
100	PI/2 BPSK	270	0	18.48	18.13	18.31	19.50



100	QPSK	1	1	18.44	18.11	18.29	19.50
100	QPSK	1	137	18.41	18.12	18.30	19.50
100	QPSK	1	271	18.44	18.12	18.30	19.50
100	QPSK	135	0	18.42	18.17	18.27	19.50
100	QPSK	135	69	18.42	18.12	18.27	19.50
100	QPSK	135	138	18.44	18.17	18.24	19.50
100	QPSK	270	0	18.43	18.10	18.30	19.50
100	16QAM	1	1	18.45	18.14	18.25	19.50
100	64QAM	1	1	18.46	18.10	18.24	19.50
100	256QAM	1	1	18.46	18.12	18.26	19.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.42	18.03	18.15	19.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.29	18.08	18.27	19.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.38	18.02	18.25	19.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.34	18.01	18.16	19.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.30	18.08	18.16	19.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.35	18.06	18.20	19.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.30	18.07	18.16	19.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.31	18.03	18.22	19.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.30	17.98	18.19	19.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.30	17.97	18.22	19.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.33	18.03	18.28	19.50

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 5\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.05		24.00
100	PI/2 BPSK	1	137		23.29		24.00
100	PI/2 BPSK	1	271		23.63		24.00
100	PI/2 BPSK	135	0		23.17		24.00
100	PI/2 BPSK	135	69		23.27		24.00
100	PI/2 BPSK	135	138		23.23		24.00
100	PI/2 BPSK	270	0		23.33		24.00
100	QPSK	1	1		22.94		24.00
100	QPSK	1	137		23.02		24.00
100	QPSK	1	271		22.53		24.00
100	QPSK	135	0		23.34		24.00
100	QPSK	135	69		23.19		24.00
100	QPSK	135	138		23.30		24.00
100	QPSK	270	0		23.33		24.00
100	16QAM	1	1		22.71		23.50
100	64QAM	1	1		21.79		23.00
100	256QAM	1	1		20.81		22.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.00	23.01	22.97	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.96	22.97	22.94	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)

70	PI/2 BPSK	1	1	22.88	22.96	22.89	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.86	22.90	22.83	24.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.87	22.99	22.91	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.85	22.94	22.91	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.94	22.98	22.86	24.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.86	22.97	22.85	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.86	22.96	22.89	24.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.88	22.92	22.96	24.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.96	22.93	22.91	24.00

【FR1 n77 (270)\_FCC\_Part 270 (3700-3980MHz)\_Ant 5\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.96	23.04	22.92	24.00
100	PI/2 BPSK	1	137	22.92	23.07	22.84	24.00
100	PI/2 BPSK	1	271	22.55	22.76	22.50	24.00
100	PI/2 BPSK	135	0	22.90	23.01	22.77	24.00
100	PI/2 BPSK	135	69	22.73	23.02	23.36	24.00
100	PI/2 BPSK	135	138	22.65	22.87	22.74	24.00
100	PI/2 BPSK	270	0	22.83	22.94	23.28	24.00
100	QPSK	1	1	22.85	23.00	22.87	24.00
100	QPSK	1	137	22.67	22.86	22.65	24.00
100	QPSK	1	271	22.78	23.00	22.86	24.00
100	QPSK	135	0	22.79	23.00	22.74	23.00
100	QPSK	135	69	22.73	22.90	22.66	24.00
100	QPSK	135	138	22.72	22.90	22.73	23.00
100	QPSK	270	0	22.81	22.93	22.79	23.00
100	16QAM	1	1	21.45	21.55	21.32	22.00
100	64QAM	1	1	21.08	21.17	21.03	22.00
100	256QAM	1	1	19.33	19.47	19.29	20.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.87	22.90	22.80	24.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.87	22.90	22.84	24.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	22.90	23.02	22.86	24.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.83	22.94	22.80	24.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.94	22.94	22.82	24.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.87	23.01	22.86	24.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	22.87	22.96	22.77	24.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	22.84	23.01	22.91	24.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	

20	PI/2 BPSK	1	1	22.93	22.98	22.86	24.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.92	22.91	22.81	24.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.85	22.97	22.78	24.00

**【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 5\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.87		26.00
100	PI/2 BPSK	1	137		24.80		26.00
100	PI/2 BPSK	1	271		25.17		26.00
100	PI/2 BPSK	135	0		23.22		24.00
100	PI/2 BPSK	135	69		25.30		26.00
100	PI/2 BPSK	135	138		23.29		24.00
100	PI/2 BPSK	270	0		23.14		24.00
100	QPSK	1	1		24.79		26.00
100	QPSK	1	137		24.88		26.00
100	QPSK	1	271		24.80		26.00
100	QPSK	135	0		23.07		24.00
100	QPSK	135	69		25.01		26.00
100	QPSK	135	138		23.18		24.00
100	QPSK	270	0		23.15		24.00
100	16QAM	1	1		23.97		25.00
100	64QAM	1	1		22.76		23.50
100	256QAM	1	1		20.74		21.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.81	24.95	24.76	26.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.73	24.92	24.69	26.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.79	24.86	24.64	26.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.70	24.85	24.63	26.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.71	24.93	24.65	26.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.75	24.82	24.62	26.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.78	24.89	24.67	26.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.75	24.93	24.65	26.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.76	24.82	24.63	26.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.68	24.80	24.72	26.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.77	24.93	24.66	26.00

**【FR1 n77 (27O)\_FCC\_Part 27O (3700~3980MHz)\_HPUE\_Ant 5\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	



100	PI/2 BPSK	1	1	24.52	24.74	24.74	26.00
100	PI/2 BPSK	1	137	24.50	24.83	24.72	26.00
100	PI/2 BPSK	1	271	24.00	24.16	24.02	26.00
100	PI/2 BPSK	135	0	22.94	23.16	23.15	24.00
100	PI/2 BPSK	135	69	24.51	25.13	24.74	26.00
100	PI/2 BPSK	135	138	22.50	22.72	22.61	24.00
100	PI/2 BPSK	270	0	22.35	22.64	22.57	24.00
100	QPSK	1	1	24.52	24.94	24.73	26.00
100	QPSK	1	137	24.52	24.98	24.72	26.00
100	QPSK	1	271	24.49	24.78	24.73	26.00
100	QPSK	135	0	23.04	23.28	23.23	23.50
100	QPSK	135	69	24.35	24.71	24.59	26.00
100	QPSK	135	138	22.94	23.18	23.07	23.50
100	QPSK	270	0	23.05	23.32	23.22	23.50
100	16QAM	1	1	22.58	22.84	22.82	24.00
100	64QAM	1	1	21.70	21.94	21.79	22.00
100	256QAM	1	1	19.52	19.62	19.55	21.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.40	24.62	24.62	26.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.51	24.67	24.61	26.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.37	24.59	24.67	26.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.45	24.65	24.59	26.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.51	24.68	24.59	26.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.46	24.63	24.66	26.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.40	24.68	24.65	26.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.50	24.68	24.65	26.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.40	24.62	24.61	26.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.45	24.65	24.71	26.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.41	24.65	24.67	26.00

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 5\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.34		21.50
100	PI/2 BPSK	1	137		20.33		21.50
100	PI/2 BPSK	1	271		20.66		21.50
100	PI/2 BPSK	135	0		20.28		21.50
100	PI/2 BPSK	135	69		20.83		21.50
100	PI/2 BPSK	135	138		20.27		21.50
100	PI/2 BPSK	270	0		20.31		21.50
100	QPSK	1	1		20.29		21.50
100	QPSK	1	137		20.33		21.50
100	QPSK	1	271		20.28		21.50
100	QPSK	135	0		20.28		21.50
100	QPSK	135	69		20.31		21.50
100	QPSK	135	138		20.29		21.50
100	QPSK	270	0		20.28		21.50
100	16QAM	1	1		20.32		21.50
100	64QAM	1	1		20.31		21.50
100	256QAM	1	1		20.32		21.50
Channel				633000	633332	633666	Tune-up limit

		Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.35	20.43	20.23	21.50	
		Channel		632668	633332	634000	Tune-up limit	
		Frequency (MHz)		3490.02	3499.98	3510	(dBm)	
80	PI/2 BPSK	1	1	20.25	20.37	20.21	21.50	
		Channel		632334	633332	634332	Tune-up limit	
		Frequency (MHz)		3485.01	3499.98	3514.98	(dBm)	
70	PI/2 BPSK	1	1	20.26	20.30	20.20	21.50	
		Channel		632000	633332	634666	Tune-up limit	
		Frequency (MHz)		3480	3499.98	3519.99	(dBm)	
60	PI/2 BPSK	1	1	20.26	20.36	20.21	21.50	
		Channel		631668	633332	635000	Tune-up limit	
		Frequency (MHz)		3475.02	3499.98	3525	(dBm)	
50	PI/2 BPSK	1	1	20.29	20.38	20.19	21.50	
		Channel		631334	633332	635332	Tune-up limit	
		Frequency (MHz)		3470.01	3499.98	3529.98	(dBm)	
40	PI/2 BPSK	1	1	20.21	20.34	20.21	21.50	
		Channel		631000	633332	635666	Tune-up limit	
		Frequency (MHz)		3465	3499.98	3534.99	(dBm)	
30	PI/2 BPSK	1	1	20.26	20.35	20.16	21.50	
		Channel		630834	633332	635832	Tune-up limit	
		Frequency (MHz)		3462.51	3499.98	3537.48	(dBm)	
25	PI/2 BPSK	1	1	20.29	20.28	20.13	21.50	
		Channel		630668	633332	636000	Tune-up limit	
		Frequency (MHz)		3460.02	3499.98	3540	(dBm)	
20	PI/2 BPSK	1	1	20.28	20.32	20.09	21.50	
		Channel		630500	633332	636166	Tune-up limit	
		Frequency (MHz)		3457.5	3499.98	3542.49	(dBm)	
15	PI/2 BPSK	1	1	20.22	20.31	20.12	21.50	
		Channel		630334	633332	636332	Tune-up limit	
		Frequency (MHz)		3455.01	3499.98	3544.98	(dBm)	
10	PI/2 BPSK	1	1	20.29	20.29	20.15	21.50	

【FR1 n77 (270)\_FCC\_Part 270 (3700-3980MHz)\_Ant 5\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100	PI/2 BPSK	1	1	20.03	20.23	20.27	21.50
100	PI/2 BPSK	1	137	20.04	20.31	20.21	21.50
100	PI/2 BPSK	1	271	20.02	20.21	20.27	21.50
100	PI/2 BPSK	135	0	20.00	20.24	20.21	21.50
100	PI/2 BPSK	135	69	19.98	20.63	20.20	21.50
100	PI/2 BPSK	135	138	20.02	20.24	20.20	21.50
100	PI/2 BPSK	270	0	20.06	20.24	20.23	21.50
100	QPSK	1	1	19.99	20.24	20.24	21.50
100	QPSK	1	137	20.03	20.26	20.27	21.50
100	QPSK	1	271	20.02	20.24	20.21	21.50
100	QPSK	135	0	20.00	20.23	20.20	21.50
100	QPSK	135	69	20.02	20.26	20.24	21.50
100	QPSK	135	138	20.00	20.24	20.22	21.50
100	QPSK	270	0	19.98	20.21	20.21	21.50
100	16QAM	1	1	20.02	20.22	20.22	21.50
100	64QAM	1	1	19.98	20.27	20.27	21.50
100	256QAM	1	1	19.52	19.62	19.55	20.50
		Channel		649668	656000	662332	Tune-up limit
		Frequency (MHz)		3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.95	20.21	20.22	21.50
		Channel		649334	656000	662666	Tune-up limit
		Frequency (MHz)		3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.90	20.10	20.12	21.50
		Channel		649000	656000	663000	Tune-up limit
		Frequency (MHz)		3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.95	20.13	20.15	21.50
		Channel		648668	656000	663332	Tune-up limit
		Frequency (MHz)		3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.90	20.22	20.23	21.50
		Channel		648334	656000	663666	Tune-up limit
		Frequency (MHz)		3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.90	20.16	20.22	21.50
		Channel		648000	656000	664000	Tune-up limit
		Frequency (MHz)		3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.02	20.10	20.13	21.50
		Channel		647668	656000	664332	Tune-up limit

	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.90	20.14	20.23	21.50
	Channel			647500	656000	664500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	19.89	20.14	20.22	21.50
	Channel			647334	656000	664666	Tune-up limit (dBm)
	Frequency (MHz)			3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.01	20.14	20.12	21.50
	Channel			647168	656000	664832	Tune-up limit (dBm)
	Frequency (MHz)			3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.02	20.16	20.14	21.50
	Channel			647000	656000	665000	Tune-up limit (dBm)
	Frequency (MHz)			3705	3840	3975	
10	PI/2 BPSK	1	1	19.93	20.18	20.16	21.50

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 5\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		21.38		22.50
100	PI/2 BPSK	1	137		21.27		22.50
100	PI/2 BPSK	1	271		21.70		22.50
100	PI/2 BPSK	135	0		21.34		22.50
100	PI/2 BPSK	135	69		21.80		22.50
100	PI/2 BPSK	135	138		21.39		22.50
100	PI/2 BPSK	270	0		21.37		22.50
100	QPSK	1	1		21.36		22.50
100	QPSK	1	137		21.35		22.50
100	QPSK	1	271		21.36		22.50
100	QPSK	135	0		21.37		22.50
100	QPSK	135	69		21.35		22.50
100	QPSK	135	138		21.39		22.50
100	QPSK	270	0		21.34		22.50
100	16QAM	1	1		21.33		22.50
100	64QAM	1	1		21.40		22.50
100	256QAM	1	1		20.81		21.50
	Channel			633000	633332	633666	Tune-up limit (dBm)
	Frequency (MHz)			3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.31	21.47	21.30	22.50
	Channel			632668	633332	634000	Tune-up limit (dBm)
	Frequency (MHz)			3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.30	21.35	21.18	22.50
	Channel			632334	633332	634332	Tune-up limit (dBm)
	Frequency (MHz)			3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.28	21.40	21.19	22.50
	Channel			632000	633332	634666	Tune-up limit (dBm)
	Frequency (MHz)			3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.25	21.44	21.18	22.50
	Channel			631668	633332	635000	Tune-up limit (dBm)
	Frequency (MHz)			3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.28	21.39	21.23	22.50
	Channel			631334	633332	635332	Tune-up limit (dBm)
	Frequency (MHz)			3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.20	21.41	21.27	22.50
	Channel			631000	633332	635666	Tune-up limit (dBm)
	Frequency (MHz)			3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.21	21.39	21.18	22.50
	Channel			630834	633332	635832	Tune-up limit (dBm)
	Frequency (MHz)			3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.26	21.43	21.26	22.50
	Channel			630668	633332	636000	Tune-up limit (dBm)
	Frequency (MHz)			3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.26	21.37	21.24	22.50
	Channel			630500	633332	636166	Tune-up limit (dBm)
	Frequency (MHz)			3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.18	21.33	21.15	22.50
	Channel			630334	633332	636332	Tune-up limit (dBm)
	Frequency (MHz)			3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.21	21.40	21.19	22.50

【FR1 n77 (270)\_FCC\_Part 270 (3700-3980MHz)\_Ant 5\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.01	21.23	21.27	22.50
100	PI/2 BPSK	1	137	20.96	21.33	21.25	22.50
100	PI/2 BPSK	1	271	21.05	21.23	21.20	22.50
100	PI/2 BPSK	135	0	21.00	21.28	21.22	22.50
100	PI/2 BPSK	135	69	21.04	21.67	21.21	22.50
100	PI/2 BPSK	135	138	21.04	21.23	21.21	22.50
100	PI/2 BPSK	270	0	20.98	21.23	21.20	22.50
100	QPSK	1	1	21.00	21.22	21.21	22.50
100	QPSK	1	137	21.06	21.21	21.23	22.50
100	QPSK	1	271	21.03	21.23	21.26	22.50
100	QPSK	135	0	21.03	21.24	21.24	22.50
100	QPSK	135	69	21.06	21.26	21.23	22.50
100	QPSK	135	138	21.03	21.26	21.21	22.50
100	QPSK	270	0	21.02	21.21	21.22	22.50
100	16QAM	1	1	21.01	21.22	21.23	22.50
100	64QAM	1	1	21.02	21.23	21.23	22.50
100	256QAM	1	1	19.52	19.62	19.55	21.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.97	21.13	21.23	22.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.98	21.16	21.24	22.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.00	21.14	21.21	22.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.87	21.13	21.22	22.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.94	21.20	21.13	22.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.94	21.19	21.19	22.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.99	21.20	21.18	22.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	20.91	21.16	21.25	22.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.91	21.20	21.19	22.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.99	21.10	21.23	22.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.98	21.17	21.13	22.50

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450-3550MHz)\_HPUE\_Ant 5\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.34		21.50
100	PI/2 BPSK	1	137		20.33		21.50
100	PI/2 BPSK	1	271		20.66		21.50
100	PI/2 BPSK	135	0		20.28		21.50
100	PI/2 BPSK	135	69		20.83		21.50
100	PI/2 BPSK	135	138		20.27		21.50
100	PI/2 BPSK	270	0		20.31		21.50
100	QPSK	1	1		20.29		21.50
100	QPSK	1	137		20.33		21.50
100	QPSK	1	271		20.28		21.50
100	QPSK	135	0		20.28		21.50

100	QPSK	135	69		20.31		21.50
100	QPSK	135	138		20.29		21.50
100	QPSK	270	0		20.28		21.50
100	16QAM	1	1		20.32		21.50
100	64QAM	1	1		20.31		21.50
100	256QAM	1	1		20.32		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.35	20.43	20.23	21.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.21	20.32	20.17	21.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.34	20.39	20.18	21.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.31	20.38	20.18	21.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.26	20.35	20.15	21.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.33	20.34	20.20	21.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.23	20.39	20.20	21.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.20	20.30	20.14	21.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.29	20.30	20.12	21.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.24	20.40	20.17	21.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.34	20.31	20.13	21.50

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_HPUE\_Ant 5\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.03	20.23	20.27	21.50
100	PI/2 BPSK	1	137	20.04	20.31	20.21	21.50
100	PI/2 BPSK	1	271	20.02	20.21	20.27	21.50
100	PI/2 BPSK	135	0	20.00	20.24	20.21	21.50
100	PI/2 BPSK	135	69	19.98	20.63	20.20	21.50
100	PI/2 BPSK	135	138	20.02	20.24	20.20	21.50
100	PI/2 BPSK	270	0	20.06	20.24	20.23	21.50
100	QPSK	1	1	19.99	20.24	20.24	21.50
100	QPSK	1	137	20.03	20.26	20.27	21.50
100	QPSK	1	271	20.02	20.24	20.21	21.50
100	QPSK	135	0	20.00	20.23	20.20	21.50
100	QPSK	135	69	20.02	20.26	20.24	21.50
100	QPSK	135	138	20.00	20.24	20.22	21.50
100	QPSK	270	0	19.98	20.21	20.21	21.50
100	16QAM	1	1	20.02	20.22	20.22	21.50
100	64QAM	1	1	19.98	20.27	20.27	21.50
100	256QAM	1	1	19.52	19.62	19.55	20.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.94	20.17	20.24	21.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.01	20.15	20.22	21.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.00	20.08	20.23	21.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.94	20.21	20.19	21.50



Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.94	20.11	20.24	21.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.02	20.08	20.20	21.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.92	20.10	20.18	21.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.01	20.08	20.13	21.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.97	20.20	20.15	21.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.96	20.15	20.21	21.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.90	20.20	20.24	21.50

【FR1 n77 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 5\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.38		22.50
100	PI/2 BPSK	1	137		21.27		22.50
100	PI/2 BPSK	1	271		21.70		22.50
100	PI/2 BPSK	135	0		21.34		22.50
100	PI/2 BPSK	135	69		21.80		22.50
100	PI/2 BPSK	135	138		21.39		22.50
100	PI/2 BPSK	270	0		21.37		22.50
100	QPSK	1	1		21.36		22.50
100	QPSK	1	137		21.35		22.50
100	QPSK	1	271		21.36		22.50
100	QPSK	135	0		21.37		22.50
100	QPSK	135	69		21.35		22.50
100	QPSK	135	138		21.39		22.50
100	QPSK	270	0		21.34		22.50
100	16QAM	1	1		21.33		22.50
100	64QAM	1	1		21.40		22.50
100	256QAM	1	1		20.81		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.31	21.47	21.30	22.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.21	21.38	21.22	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.26	21.37	21.23	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.19	21.44	21.24	22.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.25	21.34	21.28	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.17	21.40	21.19	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.20	21.45	21.25	22.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.21	21.36	21.15	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.29	21.38	21.19	22.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.23	21.33	21.26	22.50



Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.26	21.37	21.27	22.50

【FR1 n77 (270)\_FCC\_Part 270 (3700~3980MHz)\_HPUE\_Ant 5\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.01	21.23	21.27	22.50
100	PI/2 BPSK	1	137	20.96	21.33	21.25	22.50
100	PI/2 BPSK	1	271	21.05	21.23	21.20	22.50
100	PI/2 BPSK	135	0	21.00	21.28	21.22	22.50
100	PI/2 BPSK	135	69	21.04	21.67	21.21	22.50
100	PI/2 BPSK	135	138	21.04	21.23	21.21	22.50
100	PI/2 BPSK	270	0	20.98	21.23	21.20	22.50
100	QPSK	1	1	21.00	21.22	21.21	22.50
100	QPSK	1	137	21.06	21.21	21.23	22.50
100	QPSK	1	271	21.03	21.23	21.26	22.50
100	QPSK	135	0	21.03	21.24	21.24	22.50
100	QPSK	135	69	21.06	21.26	21.23	22.50
100	QPSK	135	138	21.03	21.26	21.21	22.50
100	QPSK	270	0	21.02	21.21	21.22	22.50
100	16QAM	1	1	21.01	21.22	21.23	22.50
100	64QAM	1	1	21.02	21.23	21.23	22.50
100	256QAM	1	1	19.52	19.62	19.55	21.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.99	21.18	21.24	22.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.95	21.11	21.12	22.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.93	21.18	21.17	22.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.89	21.14	21.25	22.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.96	21.18	21.16	22.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.90	21.13	21.16	22.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.87	21.11	21.24	22.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.87	21.22	21.15	22.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.98	21.19	21.17	22.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.97	21.14	21.16	22.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.96	21.19	21.21	22.50

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 2\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.71		24.00
100	PI/2 BPSK	1	137		23.50		24.00
100	PI/2 BPSK	1	271		22.96		24.00
100	PI/2 BPSK	135	0		23.42		24.00



100	PI/2 BPSK	135	69		23.47		24.00
100	PI/2 BPSK	135	138		23.46		24.00
100	PI/2 BPSK	270	0		23.49		24.00
100	QPSK	1	1		22.71		24.00
100	QPSK	1	137		23.35		24.00
100	QPSK	1	271		22.69		24.00
100	QPSK	135	0		23.58		24.00
100	QPSK	135	69		23.37		24.00
100	QPSK	135	138		23.35		24.00
100	QPSK	270	0		23.47		24.00
100	16QAM	1	1		22.52		23.00
100	64QAM	1	1		22.54		23.00
100	256QAM	1	1		20.74		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.85	22.87	22.81	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.71	22.84	22.68	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.80	22.84	22.75	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.77	22.74	22.79	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.81	22.77	22.75	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.79	22.77	22.76	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.80	22.85	22.68	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	22.72	22.82	22.74	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.77	22.85	22.70	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	22.83	22.77	22.75	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.77	22.82	22.80	24.00

【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_Ant 2\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.79		24.00
100	PI/2 BPSK	1	137		22.92		24.00
100	PI/2 BPSK	1	271		22.87		24.00
100	PI/2 BPSK	135	0		23.23		24.00
100	PI/2 BPSK	135	69		23.24		24.00
100	PI/2 BPSK	135	138		23.18		24.00
100	PI/2 BPSK	270	0		23.16		24.00
100	QPSK	1	1		22.61		24.00
100	QPSK	1	137		23.17		24.00
100	QPSK	1	271		22.71		24.00
100	QPSK	135	0		23.03		24.00
100	QPSK	135	69		23.05		24.00
100	QPSK	135	138		23.02		24.00
100	QPSK	270	0		23.10		24.00
100	16QAM	1	1		22.92		24.00
100	64QAM	1	1		22.79		24.00
100	256QAM	1	1		21.27		22.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.87	22.91	22.90	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)

80	PI/2 BPSK	1	1	22.73	22.79	22.77	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.84	22.86	22.81	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.75	22.84	22.89	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.79	22.84	22.84	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.78	22.88	22.79	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.82	22.86	22.88	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	22.80	22.79	22.83	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.81	22.84	22.88	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.82	22.87	22.77	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.82	22.88	22.76	24.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 2\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.56		26.00
100	PI/2 BPSK	1	137		24.57		26.00
100	PI/2 BPSK	1	271		24.51		26.00
100	PI/2 BPSK	135	0		23.40		24.00
100	PI/2 BPSK	135	69		24.84		26.00
100	PI/2 BPSK	135	138		23.47		24.00
100	PI/2 BPSK	270	0		23.41		24.00
100	QPSK	1	1		24.20		26.00
100	QPSK	1	137		24.54		26.00
100	QPSK	1	271		24.57		26.00
100	QPSK	135	0		23.64		24.00
100	QPSK	135	69		24.46		26.00
100	QPSK	135	138		23.44		24.00
100	QPSK	270	0		23.56		24.00
100	16QAM	1	1		23.09		25.00
100	64QAM	1	1		23.42		23.50
100	256QAM	1	1		20.77		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.62	24.57	24.54	26.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.54	24.43	24.47	26.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.60	24.52	24.50	26.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.56	24.53	24.50	26.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.59	24.55	24.44	26.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.59	24.45	24.40	26.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.53	24.45	24.40	26.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	24.60	24.55	24.50	26.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.58	24.49	24.42	26.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.56	24.51	24.42	26.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.55	24.48	24.50	26.00

**【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_HPUE\_Ant 2\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.36		26.00
100	PI/2 BPSK	1	137		25.54		26.00
100	PI/2 BPSK	1	271		25.13		26.00
100	PI/2 BPSK	135	0		23.14		24.00
100	PI/2 BPSK	135	69		25.59		26.00
100	PI/2 BPSK	135	138		23.19		24.00
100	PI/2 BPSK	270	0		23.11		24.00
100	QPSK	1	1		25.14		26.00
100	QPSK	1	137		25.53		26.00
100	QPSK	1	271		25.17		26.00
100	QPSK	135	0		22.69		23.50
100	QPSK	135	69		25.57		26.00
100	QPSK	135	138		22.87		23.50
100	QPSK	270	0		22.79		23.50
100	16QAM	1	1		24.04		25.00
100	64QAM	1	1		22.81		23.50
100	256QAM	1	1		21.54		22.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.44	25.50	25.47	26.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.35	25.43	25.46	26.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.41	25.38	25.44	26.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.42	25.42	25.45	26.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.34	25.39	25.43	26.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.30	25.39	25.35	26.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	25.39	25.42	25.38	26.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	25.36	25.46	25.34	26.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.30	25.48	25.41	26.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.34	25.39	25.45	26.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.35	25.44	25.39	26.00

**【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 2\_Receiver on】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.71		24.00
100	PI/2 BPSK	1	137		23.50		24.00
100	PI/2 BPSK	1	271		22.96		24.00
100	PI/2 BPSK	135	0		23.42		24.00
100	PI/2 BPSK	135	69		23.47		24.00
100	PI/2 BPSK	135	138		23.46		24.00
100	PI/2 BPSK	270	0		23.49		24.00
100	QPSK	1	1		22.71		24.00
100	QPSK	1	137		23.35		24.00
100	QPSK	1	271		22.69		24.00
100	QPSK	135	0		23.58		24.00
100	QPSK	135	69		23.37		24.00
100	QPSK	135	138		23.35		24.00
100	QPSK	270	0		23.47		24.00
100	16QAM	1	1		22.52		23.00
100	64QAM	1	1		22.54		23.00
100	256QAM	1	1		20.74		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.85	22.87	22.81	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.71	22.84	22.68	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.80	22.84	22.75	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.77	22.74	22.79	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.81	22.77	22.75	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.79	22.77	22.76	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.80	22.85	22.68	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	22.72	22.82	22.74	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.77	22.85	22.70	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	22.83	22.77	22.75	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.77	22.82	22.80	24.00

【FR1 n78 (270)\_FCC\_Part 270 (3700-3800MHz)\_Ant 2\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.79		24.00
100	PI/2 BPSK	1	137		22.92		24.00
100	PI/2 BPSK	1	271		22.87		24.00
100	PI/2 BPSK	135	0		23.23		24.00
100	PI/2 BPSK	135	69		23.24		24.00
100	PI/2 BPSK	135	138		23.18		24.00
100	PI/2 BPSK	270	0		23.16		24.00
100	QPSK	1	1		22.61		24.00
100	QPSK	1	137		23.17		24.00
100	QPSK	1	271		22.71		24.00
100	QPSK	135	0		23.03		24.00
100	QPSK	135	69		23.05		24.00
100	QPSK	135	138		23.02		24.00
100	QPSK	270	0		23.10		24.00
100	16QAM	1	1		22.92		24.00



100	64QAM	1	1		22.79		24.00
100	256QAM	1	1		21.27		22.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.87	22.91	22.90	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.73	22.79	22.77	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.84	22.86	22.81	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.75	22.84	22.89	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.79	22.84	22.84	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.78	22.88	22.79	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.82	22.86	22.88	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	22.80	22.79	22.83	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.81	22.84	22.88	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.82	22.87	22.77	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.82	22.88	22.76	24.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450-3550MHz)\_Ant 2\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.70		14.00
100	PI/2 BPSK	1	137		12.79		14.00
100	PI/2 BPSK	1	271		12.68		14.00
100	PI/2 BPSK	135	0		12.72		14.00
100	PI/2 BPSK	135	69		13.02		14.00
100	PI/2 BPSK	135	138		12.69		14.00
100	PI/2 BPSK	270	0		12.73		14.00
100	QPSK	1	1		12.68		14.00
100	QPSK	1	137		12.68		14.00
100	QPSK	1	271		12.74		14.00
100	QPSK	135	0		12.68		14.00
100	QPSK	135	69		12.67		14.00
100	QPSK	135	138		12.74		14.00
100	QPSK	270	0		12.69		14.00
100	16QAM	1	1		12.71		14.00
100	64QAM	1	1		12.74		14.00
100	256QAM	1	1		12.70		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.76	12.65	12.67	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.70	12.59	12.61	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.70	12.59	12.65	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.73	12.62	12.64	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.73	12.53	12.54	14.00
Channel				631334	633332	635332	Tune-up limit

	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.61	12.55	12.57	14.00
	Channel			631000	633332	635666	Tune-up limit (dBm)
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.66	12.53	12.53	14.00
	Channel			630834	633332	635832	Tune-up limit (dBm)
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	12.70	12.50	12.59	14.00
	Channel			630668	633332	636000	Tune-up limit (dBm)
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.69	12.60	12.54	14.00
	Channel			630500	633332	636166	Tune-up limit (dBm)
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	12.66	12.56	12.54	14.00
	Channel			630334	633332	636332	Tune-up limit (dBm)
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	12.74	12.60	12.55	14.00

【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_Ant 2\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		12.86		14.00
100	PI/2 BPSK	1	137		13.01		14.00
100	PI/2 BPSK	1	271		12.87		14.00
100	PI/2 BPSK	135	0		12.90		14.00
100	PI/2 BPSK	135	69		13.06		14.00
100	PI/2 BPSK	135	138		12.87		14.00
100	PI/2 BPSK	270	0		12.86		14.00
100	QPSK	1	1		12.85		14.00
100	QPSK	1	137		12.85		14.00
100	QPSK	1	271		12.87		14.00
100	QPSK	135	0		12.85		14.00
100	QPSK	135	69		12.88		14.00
100	QPSK	135	138		12.83		14.00
100	QPSK	270	0		12.88		14.00
100	16QAM	1	1		12.87		14.00
100	64QAM	1	1		12.85		14.00
100	256QAM	1	1		12.84		14.00
	Channel			649668	650000	650332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	12.95	12.99	12.98	14.00
	Channel			649334	650000	650666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	12.90	12.97	12.93	14.00
	Channel			649000	650000	651000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	12.85	12.97	12.96	14.00
	Channel			648668	650000	651332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.92	12.86	12.97	14.00
	Channel			648334	650000	651666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	12.85	12.94	12.87	14.00
	Channel			648000	650000	652000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	12.93	12.96	12.84	14.00
	Channel			647668	650000	652332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	12.85	12.98	12.86	14.00
	Channel			647500	650000	652500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	12.91	12.93	12.91	14.00
	Channel			647334	650000	652666	Tune-up limit (dBm)
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	12.82	12.96	12.86	14.00
	Channel			647168	650000	652832	Tune-up limit (dBm)
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	12.91	12.92	12.91	14.00
	Channel			647000	650000	653000	Tune-up limit (dBm)
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	12.93	12.90	12.96	14.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 2\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.56		26.00
100	PI/2 BPSK	1	137		24.57		26.00
100	PI/2 BPSK	1	271		24.51		26.00
100	PI/2 BPSK	135	0		23.40		24.00
100	PI/2 BPSK	135	69		24.84		26.00
100	PI/2 BPSK	135	138		23.47		24.00
100	PI/2 BPSK	270	0		23.41		24.00
100	QPSK	1	1		24.20		26.00
100	QPSK	1	137		24.54		26.00
100	QPSK	1	271		24.57		26.00
100	QPSK	135	0		23.64		24.00
100	QPSK	135	69		24.46		26.00
100	QPSK	135	138		23.44		24.00
100	QPSK	270	0		23.56		24.00
100	16QAM	1	1		23.09		25.00
100	64QAM	1	1		23.42		23.50
100	256QAM	1	1		20.77		21.50
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	24.62	24.57	24.54	26.00
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up limit (dBm)
80	PI/2 BPSK	1	1	24.54	24.43	24.47	26.00
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	24.60	24.52	24.50	26.00
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	24.56	24.53	24.50	26.00
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	24.59	24.55	24.44	26.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	24.59	24.45	24.40	26.00
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	24.53	24.45	24.40	26.00
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	24.60	24.55	24.50	26.00
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	24.58	24.49	24.42	26.00
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	24.56	24.51	24.42	26.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	24.55	24.48	24.50	26.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3700~3800MHz)\_HPUE\_Ant 2\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.36		26.00
100	PI/2 BPSK	1	137		25.54		26.00
100	PI/2 BPSK	1	271		25.13		26.00
100	PI/2 BPSK	135	0		23.14		24.00
100	PI/2 BPSK	135	69		25.59		26.00
100	PI/2 BPSK	135	138		23.19		24.00
100	PI/2 BPSK	270	0		23.11		24.00
100	QPSK	1	1		25.14		26.00



100	QPSK	1	137		25.53		26.00
100	QPSK	1	271		25.17		26.00
100	QPSK	135	0		22.69		23.50
100	QPSK	135	69		25.57		26.00
100	QPSK	135	138		22.87		23.50
100	QPSK	270	0		22.79		23.50
100	16QAM	1	1		24.04		25.00
100	64QAM	1	1		22.81		23.50
100	256QAM	1	1		21.54		22.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	25.44	25.50	25.47	26.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	25.35	25.43	25.46	26.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	25.41	25.38	25.44	26.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.42	25.42	25.45	26.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	25.34	25.39	25.43	26.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.30	25.39	25.35	26.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	25.39	25.42	25.38	26.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	25.36	25.46	25.34	26.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	25.30	25.48	25.41	26.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	25.34	25.39	25.45	26.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	25.35	25.44	25.39	26.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 2\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.70		14.00
100	PI/2 BPSK	1	137		12.79		14.00
100	PI/2 BPSK	1	271		12.68		14.00
100	PI/2 BPSK	135	0		12.72		14.00
100	PI/2 BPSK	135	69		13.02		14.00
100	PI/2 BPSK	135	138		12.69		14.00
100	PI/2 BPSK	270	0		12.73		14.00
100	QPSK	1	1		12.68		14.00
100	QPSK	1	137		12.68		14.00
100	QPSK	1	271		12.74		14.00
100	QPSK	135	0		12.68		14.00
100	QPSK	135	69		12.67		14.00
100	QPSK	135	138		12.74		14.00
100	QPSK	270	0		12.69		14.00
100	16QAM	1	1		12.71		14.00
100	64QAM	1	1		12.74		14.00
100	256QAM	1	1		12.70		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.76	12.65	12.67	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.64	12.53	12.57	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.68	12.57	12.65	14.00



Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.75	12.61	12.57	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.65	12.62	12.58	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.61	12.52	12.62	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.74	12.53	12.61	14.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	12.74	12.63	12.66	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.63	12.51	12.64	14.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	12.69	12.55	12.65	14.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	12.69	12.57	12.52	14.00

**【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_HPUE\_Ant 2\_Receiver off】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		12.86		14.00
100	PI/2 BPSK	1	137		13.01		14.00
100	PI/2 BPSK	1	271		12.87		14.00
100	PI/2 BPSK	135	0		12.90		14.00
100	PI/2 BPSK	135	69		13.06		14.00
100	PI/2 BPSK	135	138		12.87		14.00
100	PI/2 BPSK	270	0		12.86		14.00
100	QPSK	1	1		12.85		14.00
100	QPSK	1	137		12.85		14.00
100	QPSK	1	271		12.87		14.00
100	QPSK	135	0		12.85		14.00
100	QPSK	135	69		12.88		14.00
100	QPSK	135	138		12.83		14.00
100	QPSK	270	0		12.88		14.00
100	16QAM	1	1		12.87		14.00
100	64QAM	1	1		12.85		14.00
100	256QAM	1	1		12.84		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	12.95	12.99	12.98	14.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	12.89	12.84	12.91	14.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	12.81	12.94	12.96	14.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.87	12.89	12.95	14.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	12.87	12.97	12.89	14.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	12.87	12.86	12.88	14.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	12.85	12.93	12.94	14.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	12.80	12.95	12.94	14.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	12.81	12.96	12.92	14.00



Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	12.85	12.86	12.92	14.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	12.81	12.91	12.84	14.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 3\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
100	PI/2 BPSK	1	1	23.07	23.07	23.01	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.93	23.04	22.87	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.06	22.98	22.89	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.06	22.94	22.98	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.95	22.93	22.98	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.94	22.99	22.95	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.00	23.05	22.92	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.06	22.98	22.98	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.01	23.06	22.97	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.03	23.06	22.93	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.94	23.03	22.97	24.00

【FR1 n78 (27O)\_FCC\_Part 27O (3700~3800MHz)\_Ant 3\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	650000	650000	Tune-up limit
Frequency (MHz)				3750	3750	3750	(dBm)
100	PI/2 BPSK	1	1	22.99	22.99	22.99	24.00

100	PI/2 BPSK	1	137		23.32		24.00
100	PI/2 BPSK	1	271		22.95		24.00
100	PI/2 BPSK	135	0		23.36		24.00
100	PI/2 BPSK	135	69		23.37		24.00
100	PI/2 BPSK	135	138		23.32		24.00
100	PI/2 BPSK	270	0		23.27		24.00
100	QPSK	1	1		22.91		24.00
100	QPSK	1	137		23.35		24.00
100	QPSK	1	271		22.65		24.00
100	QPSK	135	0		23.32		24.00
100	QPSK	135	69		23.35		24.00
100	QPSK	135	138		23.32		24.00
100	QPSK	270	0		23.34		24.00
100	16QAM	1	1		22.65		24.00
100	64QAM	1	1		22.77		24.00
100	256QAM	1	1		21.77		22.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.92	22.94	22.93	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.88	22.87	22.90	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.85	22.89	22.81	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.87	22.85	22.84	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.81	22.85	22.79	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.83	22.80	22.82	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.78	22.92	22.82	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	22.77	22.87	22.83	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.87	22.85	22.91	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.89	22.85	22.90	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.78	22.82	22.78	24.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 3\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.93		26.00
100	PI/2 BPSK	1	137		24.94		26.00
100	PI/2 BPSK	1	271		24.93		26.00
100	PI/2 BPSK	135	0		23.35		24.00
100	PI/2 BPSK	135	69		25.26		26.00
100	PI/2 BPSK	135	138		23.34		24.00
100	PI/2 BPSK	270	0		23.33		24.00
100	QPSK	1	1		25.02		26.00
100	QPSK	1	137		25.19		26.00
100	QPSK	1	271		24.97		26.00
100	QPSK	135	0		23.28		24.00
100	QPSK	135	69		25.06		26.00
100	QPSK	135	138		23.32		24.00
100	QPSK	270	0		23.31		24.00
100	16QAM	1	1		23.96		25.00
100	64QAM	1	1		22.81		23.50
100	256QAM	1	1		20.77		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)



90	PI/2 BPSK	1	1	24.81	24.87	24.74	26.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.72	24.85	24.71	26.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.69	24.82	24.72	26.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.67	24.83	24.72	26.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.68	24.85	24.72	26.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.73	24.74	24.70	26.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.66	24.75	24.66	26.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.67	24.74	24.63	26.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.78	24.76	24.60	26.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.73	24.81	24.72	26.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.78	24.85	24.72	26.00

【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_HPUE\_Ant 3\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.77		26.00
100	PI/2 BPSK	1	137		24.97		26.00
100	PI/2 BPSK	1	271		24.76		26.00
100	PI/2 BPSK	135	0		22.98		24.00
100	PI/2 BPSK	135	69		25.19		26.00
100	PI/2 BPSK	135	138		22.93		24.00
100	PI/2 BPSK	270	0		22.91		24.00
100	QPSK	1	1		24.79		26.00
100	QPSK	1	137		24.87		26.00
100	QPSK	1	271		24.78		26.00
100	QPSK	135	0		23.02		23.50
100	QPSK	135	69		24.95		26.00
100	QPSK	135	138		23.19		23.50
100	QPSK	270	0		23.18		23.50
100	16QAM	1	1		24.04		25.00
100	64QAM	1	1		23.17		23.50
100	256QAM	1	1		21.20		22.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.67	24.75	24.67	26.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.53	24.72	24.60	26.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.55	24.66	24.57	26.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.53	24.64	24.61	26.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.62	24.74	24.54	26.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.52	24.70	24.53	26.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	



30	PI/2 BPSK	1	1	24.66	24.73	24.58	26.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	24.65	24.62	24.56	26.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.53	24.65	24.65	26.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.55	24.60	24.63	26.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.63	24.64	24.61	26.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 3\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.07		23.50
100	PI/2 BPSK	1	137		22.26		23.50
100	PI/2 BPSK	1	271		22.09		23.50
100	PI/2 BPSK	135	0		22.10		23.50
100	PI/2 BPSK	135	69		22.24		23.50
100	PI/2 BPSK	135	138		22.06		23.50
100	PI/2 BPSK	270	0		22.10		23.50
100	QPSK	1	1		22.04		23.50
100	QPSK	1	137		22.09		23.50
100	QPSK	1	271		22.04		23.50
100	QPSK	135	0		22.12		23.50
100	QPSK	135	69		22.15		23.50
100	QPSK	135	138		22.06		23.50
100	QPSK	270	0		22.12		23.50
100	16QAM	1	1		22.13		23.50
100	64QAM	1	1		22.10		23.50
100	256QAM	1	1		20.66		21.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.09	22.07	22.12	23.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.07	22.03	22.05	23.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.05	21.92	22.08	23.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.95	21.93	22.00	23.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.06	21.93	22.03	23.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.05	21.98	22.10	23.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.07	22.01	22.10	23.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.95	21.93	22.10	23.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.08	22.03	22.11	23.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.95	21.99	21.99	23.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.05	21.99	22.06	23.50

【FR1 n78 (270)\_FCC\_Part 270 (3700-3800MHz)\_Ant 3\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.77		23.50
100	PI/2 BPSK	1	137		22.20		23.50
100	PI/2 BPSK	1	271		21.67		23.50
100	PI/2 BPSK	135	0		22.26		23.50
100	PI/2 BPSK	135	69		22.38		23.50
100	PI/2 BPSK	135	138		22.23		23.50
100	PI/2 BPSK	270	0		22.22		23.50
100	QPSK	1	1		21.99		23.50
100	QPSK	1	137		22.25		23.50
100	QPSK	1	271		21.76		23.50
100	QPSK	135	0		21.76		23.50
100	QPSK	135	69		22.04		23.50
100	QPSK	135	138		22.04		23.50
100	QPSK	270	0		22.29		23.50
100	16QAM	1	1		21.53		23.50
100	64QAM	1	1		21.64		23.50
100	256QAM	1	1		21.20		21.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.71	21.73	21.76	23.50
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.57	21.58	21.66	23.50
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.58	21.67	21.75	23.50
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.58	21.62	21.74	23.50
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.63	21.59	21.66	23.50
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.58	21.67	21.65	23.50
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.64	21.64	21.65	23.50
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	21.66	21.69	21.63	23.50
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.67	21.69	21.64	23.50
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.62	21.61	21.73	23.50
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.60	21.66	21.63	23.50

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450-3550MHz)\_Ant 3\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.10		22.50
100	PI/2 BPSK	1	137		21.28		22.50
100	PI/2 BPSK	1	271		21.12		22.50
100	PI/2 BPSK	135	0		21.09		22.50
100	PI/2 BPSK	135	69		21.21		22.50
100	PI/2 BPSK	135	138		21.03		22.50
100	PI/2 BPSK	270	0		21.11		22.50
100	QPSK	1	1		21.07		22.50
100	QPSK	1	137		21.11		22.50
100	QPSK	1	271		21.03		22.50
100	QPSK	135	0		21.13		22.50

100	QPSK	135	69		21.11		22.50
100	QPSK	135	138		21.05		22.50
100	QPSK	270	0		21.10		22.50
100	16QAM	1	1		21.10		22.50
100	64QAM	1	1		21.09		22.50
100	256QAM	1	1		20.66		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.06	21.08	21.11	22.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.98	20.96	20.99	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.91	20.94	20.97	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.97	20.99	21.09	22.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.94	21.02	21.01	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.91	21.06	21.08	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.00	21.01	21.07	22.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.95	20.99	21.02	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.02	21.06	21.10	22.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.92	20.97	20.97	22.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.96	21.03	20.98	22.50

【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_Ant 3\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.65		22.50
100	PI/2 BPSK	1	137		21.67		22.50
100	PI/2 BPSK	1	271		21.55		22.50
100	PI/2 BPSK	135	0		21.67		22.50
100	PI/2 BPSK	135	69		22.31		22.50
100	PI/2 BPSK	135	138		21.68		22.50
100	PI/2 BPSK	270	0		21.67		22.50
100	QPSK	1	1		21.62		22.50
100	QPSK	1	137		21.62		22.50
100	QPSK	1	271		21.62		22.50
100	QPSK	135	0		21.63		22.50
100	QPSK	135	69		21.63		22.50
100	QPSK	135	138		21.62		22.50
100	QPSK	270	0		21.62		22.50
100	16QAM	1	1		21.62		22.50
100	64QAM	1	1		21.61		22.50
100	256QAM	1	1		21.20		22.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.60	21.66	21.67	22.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.48	21.53	21.62	22.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.51	21.61	21.61	22.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.50	21.65	21.54	22.50



Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.49	21.60	21.60	22.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.45	21.56	21.57	22.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.55	21.65	21.52	22.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.48	21.62	21.53	22.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.57	21.63	21.64	22.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.56	21.62	21.57	22.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.47	21.51	21.59	22.50

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 3\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.07		23.50
100	PI/2 BPSK	1	137		22.26		23.50
100	PI/2 BPSK	1	271		22.09		23.50
100	PI/2 BPSK	135	0		22.10		23.50
100	PI/2 BPSK	135	69		22.24		23.50
100	PI/2 BPSK	135	138		22.06		23.50
100	PI/2 BPSK	270	0		22.10		23.50
100	QPSK	1	1		22.04		23.50
100	QPSK	1	137		22.09		23.50
100	QPSK	1	271		22.04		23.50
100	QPSK	135	0		22.12		23.50
100	QPSK	135	69		22.15		23.50
100	QPSK	135	138		22.06		23.50
100	QPSK	270	0		22.12		23.50
100	16QAM	1	1		22.13		23.50
100	64QAM	1	1		22.10		23.50
100	256QAM	1	1		20.66		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.09	22.07	22.12	23.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.07	21.95	22.06	23.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.06	21.95	21.99	23.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.99	22.03	22.06	23.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.97	22.05	22.01	23.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.03	22.05	22.03	23.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.96	21.96	22.03	23.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	22.08	22.02	22.11	23.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.95	21.98	22.05	23.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.95	21.96	21.97	23.50



Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.00	22.03	21.99	23.50

**【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_HPUE\_Ant 3\_Receiver on】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.77		23.50
100	PI/2 BPSK	1	137		22.20		23.50
100	PI/2 BPSK	1	271		21.67		23.50
100	PI/2 BPSK	135	0		22.26		23.50
100	PI/2 BPSK	135	69		22.38		23.50
100	PI/2 BPSK	135	138		22.23		23.50
100	PI/2 BPSK	270	0		22.22		23.50
100	QPSK	1	1		21.99		23.50
100	QPSK	1	137		22.25		23.50
100	QPSK	1	271		21.76		23.50
100	QPSK	135	0		21.76		23.50
100	QPSK	135	69		22.04		23.50
100	QPSK	135	138		22.04		23.50
100	QPSK	270	0		22.29		23.50
100	16QAM	1	1		21.53		23.50
100	64QAM	1	1		21.64		23.50
100	256QAM	1	1		21.20		21.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.71	21.73	21.76	23.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.68	21.59	21.63	23.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.59	21.60	21.71	23.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.64	21.72	21.67	23.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.63	21.65	21.73	23.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.66	21.62	21.73	23.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.65	21.70	21.71	23.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.61	21.71	21.73	23.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.70	21.65	21.72	23.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.60	21.67	21.65	23.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.60	21.67	21.68	23.50

**【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 3\_Receiver off】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.10		22.50
100	PI/2 BPSK	1	137		21.28		22.50
100	PI/2 BPSK	1	271		21.12		22.50
100	PI/2 BPSK	135	0		21.09		22.50



100	PI/2 BPSK	135	69		21.21		22.50
100	PI/2 BPSK	135	138		21.03		22.50
100	PI/2 BPSK	270	0		21.11		22.50
100	QPSK	1	1		21.07		22.50
100	QPSK	1	137		21.11		22.50
100	QPSK	1	271		21.03		22.50
100	QPSK	135	0		21.13		22.50
100	QPSK	135	69		21.11		22.50
100	QPSK	135	138		21.05		22.50
100	QPSK	270	0		21.10		22.50
100	16QAM	1	1		21.10		22.50
100	64QAM	1	1		21.09		22.50
100	256QAM	1	1		20.66		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.06	21.08	21.11	22.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.97	21.03	21.00	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.94	20.96	21.08	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.03	21.06	21.03	22.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.01	21.07	20.99	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.92	21.03	20.99	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.00	20.98	20.97	22.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.91	21.05	20.97	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.93	20.96	21.09	22.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.94	21.02	21.02	22.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.98	20.98	21.06	22.50

【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_HPUE\_Ant 3\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.65		22.50
100	PI/2 BPSK	1	137		21.67		22.50
100	PI/2 BPSK	1	271		21.55		22.50
100	PI/2 BPSK	135	0		21.67		22.50
100	PI/2 BPSK	135	69		22.31		22.50
100	PI/2 BPSK	135	138		21.68		22.50
100	PI/2 BPSK	270	0		21.67		22.50
100	QPSK	1	1		21.62		22.50
100	QPSK	1	137		21.62		22.50
100	QPSK	1	271		21.62		22.50
100	QPSK	135	0		21.63		22.50
100	QPSK	135	69		21.63		22.50
100	QPSK	135	138		21.62		22.50
100	QPSK	270	0		21.62		22.50
100	16QAM	1	1		21.62		22.50
100	64QAM	1	1		21.61		22.50
100	256QAM	1	1		21.20		21.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.60	21.66	21.67	22.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)

80	PI/2 BPSK	1	1	21.49	21.60	21.63	22.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.48	21.51	21.61	22.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.49	21.53	21.64	22.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.53	21.55	21.54	22.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.51	21.65	21.65	22.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.58	21.54	21.56	22.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.51	21.60	21.59	22.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.46	21.57	21.57	22.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.49	21.61	21.62	22.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.46	21.59	21.60	22.50

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 4\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.88		24.00
100	PI/2 BPSK	1	137		23.51		24.00
100	PI/2 BPSK	1	271		23.41		24.00
100	PI/2 BPSK	135	0		23.26		24.00
100	PI/2 BPSK	135	69		23.45		24.00
100	PI/2 BPSK	135	138		23.41		24.00
100	PI/2 BPSK	270	0		23.36		24.00
100	QPSK	1	1		23.14		24.00
100	QPSK	1	137		23.41		24.00
100	QPSK	1	271		23.41		24.00
100	QPSK	135	0		22.81		24.00
100	QPSK	135	69		23.48		24.00
100	QPSK	135	138		23.19		24.00
100	QPSK	270	0		22.96		24.00
100	16QAM	1	1		22.59		23.00
100	64QAM	1	1		22.44		23.00
100	256QAM	1	1		20.78		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.91	22.90	22.87	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.80	22.81	22.84	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.82	22.79	22.73	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.82	22.88	22.85	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.83	22.76	22.72	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.86	22.76	22.84	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.84	22.78	22.79	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	22.83	22.89	22.85	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.76	22.82	22.79	24.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.82	22.82	22.78	24.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.80	22.83	22.74	24.00

【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_Ant 4\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.75		24.00
100	PI/2 BPSK	1	137		23.17		24.00
100	PI/2 BPSK	1	271		22.66		24.00
100	PI/2 BPSK	135	0		22.80		24.00
100	PI/2 BPSK	135	69		23.02		24.00
100	PI/2 BPSK	135	138		22.75		24.00
100	PI/2 BPSK	270	0		22.84		24.00
100	QPSK	1	1		23.27		24.00
100	QPSK	1	137		22.81		24.00
100	QPSK	1	271		22.82		24.00
100	QPSK	135	0		22.85		24.00
100	QPSK	135	69		22.86		24.00
100	QPSK	135	138		22.30		24.00
100	QPSK	270	0		22.47		24.00
100	16QAM	1	1		23.03		24.00
100	64QAM	1	1		22.73		24.00
100	256QAM	1	1		21.20		22.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.85	22.97	22.87	24.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.73	22.95	22.72	24.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.70	22.83	22.74	24.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.75	22.84	22.84	24.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.76	22.90	22.82	24.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.83	22.90	22.72	24.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.83	22.89	22.76	24.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	22.82	22.89	22.84	24.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.83	22.89	22.84	24.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.75	22.93	22.77	24.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.83	22.96	22.83	24.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 4\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)				633332	3499.98		
100	PI/2 BPSK	1	1	24.95			26.00
100	PI/2 BPSK	1	137	25.44			26.00
100	PI/2 BPSK	1	271	25.42			26.00
100	PI/2 BPSK	135	0	23.30			24.00
100	PI/2 BPSK	135	69	25.35			26.00
100	PI/2 BPSK	135	138	23.61			24.00
100	PI/2 BPSK	270	0	23.40			24.00
100	QPSK	1	1	24.94			26.00
100	QPSK	1	137	25.42			26.00
100	QPSK	1	271	25.43			26.00
100	QPSK	135	0	22.85			24.00
100	QPSK	135	69	25.41			26.00
100	QPSK	135	138	23.25			24.00
100	QPSK	270	0	23.00			24.00
100	16QAM	1	1	23.78			25.00
100	64QAM	1	1	22.50			23.50
100	256QAM	1	1	20.76			21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.84	24.77	25.10	26.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.70	24.67	25.00	26.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.78	24.69	25.02	26.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.79	24.65	25.02	26.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.72	24.69	25.02	26.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.72	24.67	25.01	26.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.72	24.67	25.07	26.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.83	24.67	25.02	26.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.70	24.72	25.09	26.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.74	24.73	25.03	26.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.80	24.65	25.03	26.00

【FR1 n78 (270)\_FCC\_Part 270 (3700-3800MHz)\_HPUE\_Ant 4\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.71		26.00
100	PI/2 BPSK	1	137		25.12		26.00
100	PI/2 BPSK	1	271		24.67		26.00
100	PI/2 BPSK	135	0		22.97		24.00
100	PI/2 BPSK	135	69		24.72		26.00
100	PI/2 BPSK	135	138		22.76		24.00
100	PI/2 BPSK	270	0		22.86		24.00
100	QPSK	1	1		25.07		26.00
100	QPSK	1	137		24.82		26.00
100	QPSK	1	271		24.68		26.00
100	QPSK	135	0		22.57		23.50
100	QPSK	135	69		24.75		26.00
100	QPSK	135	138		22.30		23.50
100	QPSK	270	0		22.48		23.50
100	16QAM	1	1		24.13		25.00



100	64QAM	1	1		22.75		23.50
100	256QAM	1	1		21.20		22.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.82	24.97	24.75	26.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.80	24.94	24.70	26.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.67	24.95	24.69	26.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.80	24.87	24.64	26.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.72	24.87	24.63	26.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.73	24.87	24.66	26.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.69	24.90	24.66	26.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.74	24.95	24.67	26.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.75	24.83	24.72	26.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.70	24.92	24.61	26.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.71	24.89	24.62	26.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450-3550MHz)\_Ant 4\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.36		22.00
100	PI/2 BPSK	1	137		21.39		22.00
100	PI/2 BPSK	1	271		21.38		22.00
100	PI/2 BPSK	135	0		21.34		22.00
100	PI/2 BPSK	135	69		21.41		22.00
100	PI/2 BPSK	135	138		21.34		22.00
100	PI/2 BPSK	270	0		21.32		22.00
100	QPSK	1	1		21.38		22.00
100	QPSK	1	137		21.37		22.00
100	QPSK	1	271		21.33		22.00
100	QPSK	135	0		21.39		22.00
100	QPSK	135	69		21.36		22.00
100	QPSK	135	138		21.40		22.00
100	QPSK	270	0		21.44		22.00
100	16QAM	1	1		21.39		22.00
100	64QAM	1	1		21.34		22.00
100	256QAM	1	1		20.78		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.10	21.13	21.16	22.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.06	21.04	21.12	22.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.98	21.12	21.03	22.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.07	21.04	21.07	22.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.97	21.09	21.05	22.00
Channel				631334	633332	635332	Tune-up limit

	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.98	21.03	21.10	22.00
	Channel			631000	633332	635666	Tune-up limit (dBm)
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.98	21.06	21.11	22.00
	Channel			630834	633332	635832	Tune-up limit (dBm)
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.00	21.08	21.13	22.00
	Channel			630668	633332	636000	Tune-up limit (dBm)
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.04	21.09	21.06	22.00
	Channel			630500	633332	636166	Tune-up limit (dBm)
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.01	21.08	21.12	22.00
	Channel			630334	633332	636332	Tune-up limit (dBm)
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.09	21.06	21.11	22.00

【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_Ant 4\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		21.03		22.00
100	PI/2 BPSK	1	137		21.40		22.00
100	PI/2 BPSK	1	271		21.08		22.00
100	PI/2 BPSK	135	0		21.07		22.00
100	PI/2 BPSK	135	69		21.23		22.00
100	PI/2 BPSK	135	138		21.03		22.00
100	PI/2 BPSK	270	0		20.99		22.00
100	QPSK	1	1		21.02		22.00
100	QPSK	1	137		21.07		22.00
100	QPSK	1	271		20.99		22.00
100	QPSK	135	0		21.01		22.00
100	QPSK	135	69		21.09		22.00
100	QPSK	135	138		21.04		22.00
100	QPSK	270	0		21.07		22.00
100	16QAM	1	1		21.10		22.00
100	64QAM	1	1		20.93		22.00
100	256QAM	1	1		21.04		22.00
	Channel			649668	650000	650332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.34	21.39	21.10	22.00
	Channel			649334	650000	650666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.28	21.30	21.07	22.00
	Channel			649000	650000	651000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.28	21.25	21.02	22.00
	Channel			648668	650000	651332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.29	21.24	21.05	22.00
	Channel			648334	650000	651666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.23	21.31	21.03	22.00
	Channel			648000	650000	652000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.31	21.30	21.03	22.00
	Channel			647668	650000	652332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.26	21.33	21.00	22.00
	Channel			647500	650000	652500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.26	21.26	20.95	22.00
	Channel			647334	650000	652666	Tune-up limit (dBm)
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.24	21.26	21.04	22.00
	Channel			647168	650000	652832	Tune-up limit (dBm)
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.26	21.30	21.02	22.00
	Channel			647000	650000	653000	Tune-up limit (dBm)
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.20	21.37	20.95	22.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450-3550MHz)\_Ant 4\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.44		19.50
100	PI/2 BPSK	1	137		18.96		19.50
100	PI/2 BPSK	1	271		18.44		19.50
100	PI/2 BPSK	135	0		18.45		19.50
100	PI/2 BPSK	135	69		18.82		19.50
100	PI/2 BPSK	135	138		18.43		19.50
100	PI/2 BPSK	270	0		18.44		19.50
100	QPSK	1	1		18.49		19.50
100	QPSK	1	137		18.44		19.50
100	QPSK	1	271		18.44		19.50
100	QPSK	135	0		18.47		19.50
100	QPSK	135	69		18.47		19.50
100	QPSK	135	138		18.48		19.50
100	QPSK	270	0		18.45		19.50
100	16QAM	1	1		18.41		19.50
100	64QAM	1	1		18.44		19.50
100	256QAM	1	1		18.49		19.50
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	18.32	18.29	18.62	19.50
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up limit (dBm)
80	PI/2 BPSK	1	1	18.30	18.19	18.59	19.50
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	18.29	18.16	18.57	19.50
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	18.28	18.16	18.47	19.50
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	18.17	18.25	18.54	19.50
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	18.17	18.15	18.50	19.50
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	18.22	18.26	18.48	19.50
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	18.25	18.24	18.50	19.50
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	18.29	18.16	18.52	19.50
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	18.31	18.26	18.58	19.50
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	18.20	18.17	18.47	19.50

【FR1 n78 (27Q)\_FCC\_Part 27Q (3700-3800MHz)\_Ant 4\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.18		19.50
100	PI/2 BPSK	1	137		18.65		19.50
100	PI/2 BPSK	1	271		18.24		19.50
100	PI/2 BPSK	135	0		18.23		19.50
100	PI/2 BPSK	135	69		18.25		19.50
100	PI/2 BPSK	135	138		18.24		19.50
100	PI/2 BPSK	270	0		18.19		19.50
100	QPSK	1	1		18.19		19.50

100	QPSK	1	137		18.24		19.50
100	QPSK	1	271		18.22		19.50
100	QPSK	135	0		18.23		19.50
100	QPSK	135	69		18.25		19.50
100	QPSK	135	138		18.23		19.50
100	QPSK	270	0		18.18		19.50
100	16QAM	1	1		18.18		19.50
100	64QAM	1	1		18.19		19.50
100	256QAM	1	1		18.22		19.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.32	18.47	18.22	19.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.18	18.40	18.17	19.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.23	18.32	18.18	19.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.28	18.37	18.16	19.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.27	18.36	18.11	19.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.26	18.35	18.11	19.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.29	18.45	18.13	19.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.21	18.46	18.15	19.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.31	18.46	18.14	19.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.19	18.46	18.20	19.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.19	18.35	18.10	19.50

**【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 4\_Receiver on】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.36		22.00
100	PI/2 BPSK	1	137		21.39		22.00
100	PI/2 BPSK	1	271		21.38		22.00
100	PI/2 BPSK	135	0		21.34		22.00
100	PI/2 BPSK	135	69		21.41		22.00
100	PI/2 BPSK	135	138		21.34		22.00
100	PI/2 BPSK	270	0		21.32		22.00
100	QPSK	1	1		21.38		22.00
100	QPSK	1	137		21.37		22.00
100	QPSK	1	271		21.33		22.00
100	QPSK	135	0		21.39		22.00
100	QPSK	135	69		21.36		22.00
100	QPSK	135	138		21.40		22.00
100	QPSK	270	0		21.44		22.00
100	16QAM	1	1		21.39		22.00
100	64QAM	1	1		21.34		22.00
100	256QAM	1	1		20.78		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.10	21.13	21.16	22.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.00	20.99	21.08	22.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.08	21.06	21.04	22.00

Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.96	21.09	21.06	22.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.00	21.05	21.13	22.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.04	21.05	21.05	22.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.03	21.02	21.05	22.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.96	21.08	21.04	22.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.09	21.09	21.08	22.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.03	20.99	21.11	22.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.99	21.10	21.02	22.00

**【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_HPUE\_Ant 4\_Receiver on】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.03		22.00
100	PI/2 BPSK	1	137		21.40		22.00
100	PI/2 BPSK	1	271		21.08		22.00
100	PI/2 BPSK	135	0		21.07		22.00
100	PI/2 BPSK	135	69		21.23		22.00
100	PI/2 BPSK	135	138		21.03		22.00
100	PI/2 BPSK	270	0		20.99		22.00
100	QPSK	1	1		21.02		22.00
100	QPSK	1	137		21.07		22.00
100	QPSK	1	271		20.99		22.00
100	QPSK	135	0		21.01		22.00
100	QPSK	135	69		21.09		22.00
100	QPSK	135	138		21.04		22.00
100	QPSK	270	0		21.07		22.00
100	16QAM	1	1		21.10		22.00
100	64QAM	1	1		20.93		22.00
100	256QAM	1	1		21.04		22.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.34	21.39	21.10	22.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.30	21.33	20.97	22.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.20	21.37	20.99	22.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.26	21.34	21.08	22.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.29	21.30	21.04	22.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.20	21.34	21.01	22.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.31	21.25	21.04	22.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.23	21.38	21.01	22.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.22	21.38	21.07	22.00

Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.26	21.34	21.05	22.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.24	21.29	20.98	22.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 4\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.44		19.50
100	PI/2 BPSK	1	137		18.96		19.50
100	PI/2 BPSK	1	271		18.44		19.50
100	PI/2 BPSK	135	0		18.45		19.50
100	PI/2 BPSK	135	69		18.82		19.50
100	PI/2 BPSK	135	138		18.43		19.50
100	PI/2 BPSK	270	0		18.44		19.50
100	QPSK	1	1		18.49		19.50
100	QPSK	1	137		18.44		19.50
100	QPSK	1	271		18.44		19.50
100	QPSK	135	0		18.47		19.50
100	QPSK	135	69		18.47		19.50
100	QPSK	135	138		18.48		19.50
100	QPSK	270	0		18.45		19.50
100	16QAM	1	1		18.41		19.50
100	64QAM	1	1		18.44		19.50
100	256QAM	1	1		18.49		19.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.32	18.29	18.62	19.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.26	18.15	18.58	19.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.18	18.23	18.58	19.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.23	18.15	18.59	19.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.18	18.20	18.60	19.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.23	18.19	18.48	19.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.26	18.26	18.59	19.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.17	18.22	18.52	19.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.27	18.23	18.48	19.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.21	18.20	18.56	19.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.29	18.25	18.50	19.50

【FR1 n78 (27O)\_FCC\_Part 27O (3700~3800MHz)\_HPUE\_Ant 4\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.18		19.50



100	PI/2 BPSK	1	137		18.65		19.50
100	PI/2 BPSK	1	271		18.24		19.50
100	PI/2 BPSK	135	0		18.23		19.50
100	PI/2 BPSK	135	69		18.25		19.50
100	PI/2 BPSK	135	138		18.24		19.50
100	PI/2 BPSK	270	0		18.19		19.50
100	QPSK	1	1		18.19		19.50
100	QPSK	1	137		18.24		19.50
100	QPSK	1	271		18.22		19.50
100	QPSK	135	0		18.23		19.50
100	QPSK	135	69		18.25		19.50
100	QPSK	135	138		18.23		19.50
100	QPSK	270	0		18.18		19.50
100	16QAM	1	1		18.18		19.50
100	64QAM	1	1		18.19		19.50
100	256QAM	1	1		18.22		19.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.32	18.47	18.22	19.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.19	18.42	18.20	19.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.25	18.33	18.10	19.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.23	18.40	18.21	19.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.25	18.34	18.16	19.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.30	18.43	18.19	19.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.30	18.39	18.12	19.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.18	18.41	18.16	19.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.21	18.42	18.08	19.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.29	18.34	18.11	19.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.21	18.44	18.18	19.50

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 5\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.84		24.00
100	PI/2 BPSK	1	137		23.21		24.00
100	PI/2 BPSK	1	271		22.85		24.00
100	PI/2 BPSK	135	0		23.21		24.00
100	PI/2 BPSK	135	69		23.26		24.00
100	PI/2 BPSK	135	138		23.21		24.00
100	PI/2 BPSK	270	0		23.16		24.00
100	QPSK	1	1		22.95		24.00
100	QPSK	1	137		23.14		24.00
100	QPSK	1	271		22.82		24.00
100	QPSK	135	0		23.12		24.00
100	QPSK	135	69		23.14		24.00
100	QPSK	135	138		23.12		24.00
100	QPSK	270	0		23.11		24.00
100	16QAM	1	1		21.86		23.00
100	64QAM	1	1		21.89		23.00
100	256QAM	1	1		20.78		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)

90	PI/2 BPSK	1	1	22.77	22.81	22.79	24.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.64	22.71	22.74	24.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.64	22.75	22.76	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.75	22.78	22.71	24.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.63	22.75	22.77	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.72	22.75	22.73	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.70	22.76	22.71	24.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.63	22.69	22.76	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.69	22.67	22.77	24.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.64	22.73	22.74	24.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.63	22.68	22.69	24.00

【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_Ant 5\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.97		24.00
100	PI/2 BPSK	1	137		22.99		24.00
100	PI/2 BPSK	1	271		22.87		24.00
100	PI/2 BPSK	135	0		23.12		24.00
100	PI/2 BPSK	135	69		23.16		24.00
100	PI/2 BPSK	135	138		22.84		24.00
100	PI/2 BPSK	270	0		22.91		24.00
100	QPSK	1	1		23.06		24.00
100	QPSK	1	137		22.71		24.00
100	QPSK	1	271		22.74		24.00
100	QPSK	135	0		23.11		24.00
100	QPSK	135	69		22.72		24.00
100	QPSK	135	138		22.47		24.00
100	QPSK	270	0		22.79		24.00
100	16QAM	1	1		22.77		24.00
100	64QAM	1	1		22.85		24.00
100	256QAM	1	1		21.20		22.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.95	22.96	22.91	24.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.90	22.86	22.88	24.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.85	22.83	22.87	24.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.89	22.93	22.84	24.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.87	22.82	22.86	24.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.93	22.85	22.82	24.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	

30	PI/2 BPSK	1	1	22.86	22.82	22.78	24.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	22.88	22.89	22.84	24.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.87	22.87	22.88	24.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.89	22.91	22.76	24.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.88	22.91	22.84	24.00

**【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 5\_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.89		26.00
100	PI/2 BPSK	1	137		25.38		26.00
100	PI/2 BPSK	1	271		25.12		26.00
100	PI/2 BPSK	135	0		23.36		24.00
100	PI/2 BPSK	135	69		25.35		26.00
100	PI/2 BPSK	135	138		23.28		24.00
100	PI/2 BPSK	270	0		23.34		24.00
100	QPSK	1	1		25.03		26.00
100	QPSK	1	137		25.27		26.00
100	QPSK	1	271		25.11		26.00
100	QPSK	135	0		23.20		24.00
100	QPSK	135	69		25.07		26.00
100	QPSK	135	138		23.05		24.00
100	QPSK	270	0		23.35		24.00
100	16QAM	1	1		24.06		25.00
100	64QAM	1	1		22.91		23.50
100	256QAM	1	1		20.76		21.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.84	24.87	24.80	26.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.72	24.81	24.69	26.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.73	24.86	24.69	26.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.76	24.80	24.77	26.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.76	24.81	24.74	26.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.70	24.78	24.76	26.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.70	24.74	24.73	26.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.69	24.73	24.70	26.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.81	24.78	24.75	26.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.82	24.76	24.74	26.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.81	24.79	24.70	26.00

【FR1 n78 (270)\_FCC\_Part 270 (3700-3800MHz)\_HPUE\_Ant 5\_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.87		26.00
100	PI/2 BPSK	1	137		25.12		26.00
100	PI/2 BPSK	1	271		24.95		26.00
100	PI/2 BPSK	135	0		23.07		24.00
100	PI/2 BPSK	135	69		24.91		26.00
100	PI/2 BPSK	135	138		22.93		24.00
100	PI/2 BPSK	270	0		22.88		24.00
100	QPSK	1	1		24.88		26.00
100	QPSK	1	137		24.94		26.00
100	QPSK	1	271		24.80		26.00
100	QPSK	135	0		22.96		23.50
100	QPSK	135	69		24.60		26.00
100	QPSK	135	138		22.93		23.50
100	QPSK	270	0		22.76		23.50
100	16QAM	1	1		24.15		25.00
100	64QAM	1	1		22.81		23.50
100	256QAM	1	1		21.27		22.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.83	24.81	24.77	26.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.72	24.76	24.67	26.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.81	24.74	24.71	26.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.69	24.67	24.76	26.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.82	24.77	24.66	26.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.69	24.75	24.71	26.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	24.75	24.75	24.73	26.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	24.75	24.69	24.67	26.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.69	24.67	24.75	26.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.75	24.76	24.71	26.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.76	24.77	24.73	26.00

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450-3550MHz)\_Ant 5\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.35		21.50
100	PI/2 BPSK	1	137		20.89		21.50
100	PI/2 BPSK	1	271		20.41		21.50
100	PI/2 BPSK	135	0		20.36		21.50
100	PI/2 BPSK	135	69		20.88		21.50
100	PI/2 BPSK	135	138		20.42		21.50
100	PI/2 BPSK	270	0		20.39		21.50
100	QPSK	1	1		20.39		21.50
100	QPSK	1	137		20.37		21.50
100	QPSK	1	271		20.38		21.50
100	QPSK	135	0		20.38		21.50

100	QPSK	135	69		20.39		21.50
100	QPSK	135	138		20.42		21.50
100	QPSK	270	0		20.37		21.50
100	16QAM	1	1		20.38		21.50
100	64QAM	1	1		20.42		21.50
100	256QAM	1	1		20.36		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.37	20.35	20.31	21.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.34	20.30	20.23	21.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.34	20.21	20.17	21.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.29	20.24	20.24	21.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.28	20.31	20.22	21.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.27	20.21	20.23	21.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.33	20.26	20.18	21.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.25	20.26	20.25	21.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.36	20.29	20.17	21.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.31	20.27	20.29	21.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.33	20.21	20.22	21.50

【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_Ant 5\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.33		21.50
100	PI/2 BPSK	1	137		20.61		21.50
100	PI/2 BPSK	1	271		20.36		21.50
100	PI/2 BPSK	135	0		20.37		21.50
100	PI/2 BPSK	135	69		20.40		21.50
100	PI/2 BPSK	135	138		20.38		21.50
100	PI/2 BPSK	270	0		20.41		21.50
100	QPSK	1	1		20.36		21.50
100	QPSK	1	137		20.35		21.50
100	QPSK	1	271		20.38		21.50
100	QPSK	135	0		20.35		21.50
100	QPSK	135	69		20.39		21.50
100	QPSK	135	138		20.39		21.50
100	QPSK	270	0		20.37		21.50
100	16QAM	1	1		20.37		21.50
100	64QAM	1	1		20.34		21.50
100	256QAM	1	1		20.36		21.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.36	20.37	20.35	21.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.29	20.32	20.31	21.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.23	20.24	20.27	21.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.26	20.28	20.34	21.50



Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.34	20.29	20.29	21.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.28	20.31	20.33	21.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.35	20.28	20.20	21.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.30	20.26	20.26	21.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.32	20.24	20.28	21.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.23	20.32	20.33	21.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.29	20.22	20.30	21.50

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_Ant 5\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.35		22.50
100	PI/2 BPSK	1	137		21.71		22.50
100	PI/2 BPSK	1	271		21.60		22.50
100	PI/2 BPSK	135	0		21.38		22.50
100	PI/2 BPSK	135	69		21.82		22.50
100	PI/2 BPSK	135	138		21.42		22.50
100	PI/2 BPSK	270	0		21.35		22.50
100	QPSK	1	1		21.37		22.50
100	QPSK	1	137		21.39		22.50
100	QPSK	1	271		21.41		22.50
100	QPSK	135	0		21.41		22.50
100	QPSK	135	69		21.40		22.50
100	QPSK	135	138		21.40		22.50
100	QPSK	270	0		21.40		22.50
100	16QAM	1	1		21.36		22.50
100	64QAM	1	1		21.41		22.50
100	256QAM	1	1		20.78		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.34	21.38	21.28	22.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.29	21.35	21.16	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.26	21.34	21.22	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.19	21.27	21.15	22.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.30	21.25	21.23	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.22	21.32	21.21	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.29	21.33	21.18	22.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.32	21.30	21.25	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.25	21.23	21.16	22.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.22	21.30	21.17	22.50

Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.24	21.24	21.25	22.50

**【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_Ant 5\_Receiver off】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.35		22.50
100	PI/2 BPSK	1	137		21.60		22.50
100	PI/2 BPSK	1	271		21.40		22.50
100	PI/2 BPSK	135	0		21.36		22.50
100	PI/2 BPSK	135	69		21.44		22.50
100	PI/2 BPSK	135	138		21.39		22.50
100	PI/2 BPSK	270	0		21.34		22.50
100	QPSK	1	1		21.35		22.50
100	QPSK	1	137		21.34		22.50
100	QPSK	1	271		21.40		22.50
100	QPSK	135	0		21.34		22.50
100	QPSK	135	69		21.40		22.50
100	QPSK	135	138		21.38		22.50
100	QPSK	270	0		21.40		22.50
100	16QAM	1	1		21.34		22.50
100	64QAM	1	1		21.34		22.50
100	256QAM	1	1		21.20		22.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.30	21.37	21.28	22.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.25	21.31	21.23	22.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.23	21.30	21.27	22.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.28	21.30	21.20	22.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.26	21.32	21.24	22.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.26	21.32	21.21	22.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.23	21.30	21.20	22.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.18	21.32	21.22	22.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.27	21.24	21.17	22.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.21	21.36	21.20	22.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.25	21.23	21.23	22.50

**【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 5\_Receiver on】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.35		21.50
100	PI/2 BPSK	1	137		20.89		21.50
100	PI/2 BPSK	1	271		20.41		21.50
100	PI/2 BPSK	135	0		20.36		21.50

100	PI/2 BPSK	135	69		20.88		21.50
100	PI/2 BPSK	135	138		20.42		21.50
100	PI/2 BPSK	270	0		20.39		21.50
100	QPSK	1	1		20.39		21.50
100	QPSK	1	137		20.37		21.50
100	QPSK	1	271		20.38		21.50
100	QPSK	135	0		20.38		21.50
100	QPSK	135	69		20.39		21.50
100	QPSK	135	138		20.42		21.50
100	QPSK	270	0		20.37		21.50
100	16QAM	1	1		20.38		21.50
100	64QAM	1	1		20.42		21.50
100	256QAM	1	1		20.36		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.37	20.35	20.31	21.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.31	20.31	20.27	21.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.35	20.28	20.17	21.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.32	20.27	20.27	21.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.27	20.29	20.27	21.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.25	20.27	20.22	21.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.36	20.28	20.18	21.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.31	20.32	20.24	21.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.32	20.22	20.30	21.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.30	20.34	20.17	21.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.33	20.28	20.20	21.50

【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_HPUE\_Ant 5\_Receiver on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.33		21.50
100	PI/2 BPSK	1	137		20.61		21.50
100	PI/2 BPSK	1	271		20.36		21.50
100	PI/2 BPSK	135	0		20.37		21.50
100	PI/2 BPSK	135	69		20.40		21.50
100	PI/2 BPSK	135	138		20.38		21.50
100	PI/2 BPSK	270	0		20.41		21.50
100	QPSK	1	1		20.36		21.50
100	QPSK	1	137		20.35		21.50
100	QPSK	1	271		20.38		21.50
100	QPSK	135	0		20.35		21.50
100	QPSK	135	69		20.39		21.50
100	QPSK	135	138		20.39		21.50
100	QPSK	270	0		20.37		21.50
100	16QAM	1	1		20.37		21.50
100	64QAM	1	1		20.34		21.50
100	256QAM	1	1		20.36		21.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.36	20.37	20.35	21.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)

80	PI/2 BPSK	1	1	20.30	20.33	20.32	21.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.34	20.27	20.33	21.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.22	20.23	20.33	21.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.26	20.27	20.27	21.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.23	20.36	20.32	21.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.25	20.27	20.32	21.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.31	20.25	20.23	21.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.22	20.27	20.27	21.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.28	20.34	20.28	21.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.26	20.27	20.27	21.50

【FR1 n78 (27Q)\_FCC\_Part 27Q (3450~3550MHz)\_HPUE\_Ant 5\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.35		22.50
100	PI/2 BPSK	1	137		21.71		22.50
100	PI/2 BPSK	1	271		21.60		22.50
100	PI/2 BPSK	135	0		21.38		22.50
100	PI/2 BPSK	135	69		21.82		22.50
100	PI/2 BPSK	135	138		21.42		22.50
100	PI/2 BPSK	270	0		21.35		22.50
100	QPSK	1	1		21.37		22.50
100	QPSK	1	137		21.39		22.50
100	QPSK	1	271		21.41		22.50
100	QPSK	135	0		21.41		22.50
100	QPSK	135	69		21.40		22.50
100	QPSK	135	138		21.40		22.50
100	QPSK	270	0		21.40		22.50
100	16QAM	1	1		21.36		22.50
100	64QAM	1	1		21.41		22.50
100	256QAM	1	1		20.78		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.34	21.38	21.28	22.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.29	21.32	21.16	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.30	21.33	21.15	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.28	21.32	21.16	22.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.23	21.25	21.15	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.30	21.29	21.18	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.30	21.36	21.14	22.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	21.23	21.25	21.24	22.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.31	21.30	21.19	22.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.20	21.33	21.15	22.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.29	21.31	21.22	22.50

【FR1 n78 (270)\_FCC\_Part 270 (3700~3800MHz)\_HPUE\_Ant 5\_Receiver off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		Tune-up limit (dBm)
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.35		22.50
100	PI/2 BPSK	1	137		21.60		22.50
100	PI/2 BPSK	1	271		21.40		22.50
100	PI/2 BPSK	135	0		21.36		22.50
100	PI/2 BPSK	135	69		21.44		22.50
100	PI/2 BPSK	135	138		21.39		22.50
100	PI/2 BPSK	270	0		21.34		22.50
100	QPSK	1	1		21.35		22.50
100	QPSK	1	137		21.34		22.50
100	QPSK	1	271		21.40		22.50
100	QPSK	135	0		21.34		22.50
100	QPSK	135	69		21.40		22.50
100	QPSK	135	138		21.38		22.50
100	QPSK	270	0		21.40		22.50
100	16QAM	1	1		21.34		22.50
100	64QAM	1	1		21.34		22.50
100	256QAM	1	1		21.20		22.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.30	21.37	21.28	22.50
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.20	21.29	21.19	22.50
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.19	21.23	21.24	22.50
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.19	21.30	21.18	22.50
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.23	21.22	21.18	22.50
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.16	21.34	21.20	22.50
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.17	21.27	21.17	22.50
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	21.22	21.30	21.17	22.50
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.24	21.31	21.17	22.50
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.24	21.23	21.26	22.50
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.21	21.32	21.14	22.50

**<Bluetooth Conducted Power>**

【Bluetooth】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	8.47	10.00	77.68
	39	2441	8.58	10.00	
	78	2480	8.38	10.00	
BR / EDR 2Mbps	0	2402	6.81	8.50	77.02
	39	2441	6.65	8.00	
	78	2480	6.51	8.00	
BR / EDR 3Mbps	0	2402	6.77	8.50	77.14
	39	2441	6.64	8.00	
	78	2480	6.47	8.00	
LE 125kbps	0	2402	1.33	3.00	83.30
	19	2440	1.30	3.00	
	39	2480	0.79	2.50	
LE 500kbps	0	2402	1.21	2.50	57.14
	19	2440	1.34	3.00	
	39	2480	1.04	2.50	
LE 1Mbps	0	2402	1.63	3.00	31.71
	19	2440	1.61	3.00	
	39	2480	1.11	2.50	
LE 2Mbps	0	2402	1.45	3.00	32.33
	19	2440	1.44	3.00	
	39	2480	0.92	2.50	

**<WLAN Conducted Power>**

【2.4GHz WLAN\_Full power】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.74	19.00	99.30
	6	2437	18.14	19.50	
	11	2462	16.89	18.50	
802.11g 6Mbps	1	2412	14.57	16.00	95.43
	6	2437	14.87	16.50	
	11	2462	11.22	12.50	
802.11n-HT20 MCS0	1	2412	13.94	15.50	94.64
	6	2437	15.20	16.50	
	11	2462	10.27	12.00	
802.11n-HT40 MCS0	3	2422	7.94	9.50	90.72
	6	2437	12.18	13.50	
	9	2452	9.68	11.00	

【2.4GHz WLAN\_Receiver on】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.74	19.00	99.30
	6	2437	18.14	19.50	
	11	2462	16.89	18.50	
802.11g 6Mbps	1	2412	14.57	16.00	95.43
	6	2437	14.87	16.50	
	11	2462	11.22	12.50	
802.11n-HT20 MCS0	1	2412	13.94	15.50	94.64

802.11n-HT40 MCS0	6	2437	15.20	16.50	90.72
	11	2462	10.27	12.00	
	3	2422	7.94	9.50	
	6	2437	12.18	13.50	
	9	2452	9.68	11.00	

**【2.4GHz WLAN\_Head Simultaneous】**

Mode	Channel	Frequency (MHz)	Ant 6			
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11b 1Mbps	1	2412	13.22	14.50	99.30	
	6	2437	13.58	15.00		
	11	2462	12.37	14.00		
802.11g 6Mbps	1	2412	Not Required	14.00	Not Required	
	6	2437		14.00		
	11	2462		12.50		
802.11n-HT20 MCS0	1	2412		14.00		Not Required
	6	2437		14.00		
	11	2462		12.00		
802.11n-HT40 MCS0	3	2422		9.50		Not Required
	6	2437		13.50		
	9	2452		11.00		

**【2.4GHz WLAN\_Receiver off】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.74	19.00	99.30
	6	2437	18.14	19.50	
	11	2462	16.89	18.50	
802.11g 6Mbps	1	2412	14.57	16.00	95.43
	6	2437	14.87	16.50	
	11	2462	11.22	12.50	
802.11n-HT20 MCS0	1	2412	13.94	15.50	94.64
	6	2437	15.20	16.50	
	11	2462	10.27	12.00	
802.11n-HT40 MCS0	3	2422	7.94	9.50	90.72
	6	2437	12.18	13.50	
	9	2452	9.68	11.00	

**【2.4GHz WLAN\_Body worn Simultaneous】**

Mode	Channel	Frequency (MHz)	Ant 6			
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11b 1Mbps	1	2412	15.68	17.00	99.30	
	6	2437	16.13	17.50		
	11	2462	14.86	16.50		
802.11g 6Mbps	1	2412	Not Required	16.00	Not Required	
	6	2437		16.50		
	11	2462		12.50		
802.11n-HT20 MCS0	1	2412		15.50		Not Required
	6	2437		16.50		
	11	2462		12.00		
802.11n-HT40 MCS0	3	2422		9.50		Not Required
	6	2437		13.50		
	9	2452		11.00		

**【5.2GHz WLAN\_Full power】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	13.12	14.50	95.43
	40	5200	13.03	14.50	
	44	5220	12.95	14.50	
	48	5240	12.96	14.50	

802.11n-HT20 MCS0	36	5180	13.42	15.00	95.13
	40	5200	13.36	15.00	
	44	5220	13.21	14.50	
	48	5240	13.14	14.50	
802.11n-HT40 MCS0	38	5190	9.29	11.00	90.72
	46	5230	9.10	10.50	
802.11ac-VHT20 MCS0	36	5180	10.04	11.50	95.16
	40	5200	9.99	11.50	
	44	5220	9.83	11.50	
	48	5240	9.79	11.50	
802.11ac-VHT40 MCS0	38	5190	9.05	10.50	90.72
	46	5230	8.97	10.50	
802.11ac-VHT80 MCS0	42	5210	8.41	10.00	84.09

**【5.2GHz WLAN\_Receiver on】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	13.12	14.50	95.43
	40	5200	13.03	14.50	
	44	5220	12.95	14.50	
	48	5240	12.96	14.50	
802.11n-HT20 MCS0	36	5180	13.42	15.00	95.13
	40	5200	13.36	15.00	
	44	5220	13.21	14.50	
	48	5240	13.14	14.50	
802.11n-HT40 MCS0	38	5190	9.29	11.00	90.72
	46	5230	9.10	10.50	
802.11ac-VHT20 MCS0	36	5180	10.04	11.50	95.16
	40	5200	9.99	11.50	
	44	5220	9.83	11.50	
	48	5240	9.79	11.50	
802.11ac-VHT40 MCS0	38	5190	9.05	10.50	90.72
	46	5230	8.97	10.50	
802.11ac-VHT80 MCS0	42	5210	8.41	10.00	84.09

**【5.2GHz WLAN\_Head Simultaneous】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	13.50	Not Required
	40	5200		13.50	
	44	5220		13.50	
	48	5240		13.50	
802.11n-HT20 MCS0	36	5180	12.41	14.00	95.13
	40	5200	12.37	14.00	
	44	5220	12.26	13.50	
	48	5240	12.13	13.50	
802.11n-HT40 MCS0	38	5190	Not Required	11.00	Not Required
	46	5230		10.50	
802.11ac-VHT20 MCS0	36	5180		11.50	
	40	5200		11.50	
	44	5220		11.50	
	48	5240		11.50	
802.11ac-VHT40 MCS0	38	5190		10.50	
	46	5230		10.50	
802.11ac-VHT80 MCS0	42	5210	10.00		

**【5.2GHz WLAN\_Receiver off】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	13.12	14.50	95.43
	40	5200	13.03	14.50	
	44	5220	12.95	14.50	
	48	5240	12.96	14.50	
802.11n-HT20 MCS0	36	5180	13.42	15.00	95.13
	40	5200	13.36	15.00	

802.11n-HT40 MCS0	44	5220	13.21	14.50	90.72
	48	5240	13.14	14.50	
	38	5190	9.29	11.00	
	46	5230	9.10	10.50	
802.11ac-VHT20 MCS0	36	5180	10.04	11.50	95.16
	40	5200	9.99	11.50	
	44	5220	9.83	11.50	
	48	5240	9.79	11.50	
802.11ac-VHT40 MCS0	38	5190	9.05	10.50	90.72
	46	5230	8.97	10.50	
802.11ac-VHT80 MCS0	42	5210	8.41	10.00	84.09

**【5.2GHz WLAN\_Body worn Simultaneous】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	12.00	Not Required
	40	5200		12.00	
	44	5220		12.00	
	48	5240		12.00	
802.11n-HT20 MCS0	36	5180	10.92	12.50	95.13
	40	5200	10.88	12.50	
	44	5220	10.63	12.00	
	48	5240	10.52	12.00	
802.11n-HT40 MCS0	38	5190	Not Required	11.00	Not Required
	46	5230		10.50	
802.11ac-VHT20 MCS0	36	5180	Not Required	11.50	Not Required
	40	5200		11.50	
	44	5220		11.50	
	48	5240		11.50	
802.11ac-VHT40 MCS0	38	5190	Not Required	10.50	Not Required
	46	5230		10.50	
802.11ac-VHT80 MCS0	42	5210	Not Required	10.00	Not Required

**【5.3GHz WLAN\_Full power】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	13.44	15.00	95.43
	56	5280	13.46	15.00	
	60	5300	13.81	15.50	
	64	5320	13.87	15.50	
802.11n-HT20 MCS0	52	5260	13.63	15.00	95.13
	56	5280	13.74	15.00	
	64	5320	14.13	15.50	
802.11n-HT40 MCS0	54	5270	9.69	11.00	90.72
	62	5310	10.16	11.50	
802.11ac-VHT20 MCS0	52	5260	10.38	12.00	95.16
	56	5280	10.33	12.00	
	60	5300	10.85	12.50	
	64	5320	10.80	12.50	
802.11ac-VHT40 MCS0	54	5270	9.58	11.00	90.72
	62	5310	10.04	11.50	
802.11ac-VHT80 MCS0	58	5290	9.39	11.00	84.09

**【5.3GHz WLAN\_Receiver on】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	13.44	15.00	95.43
	56	5280	13.46	15.00	
	60	5300	13.81	15.50	
	64	5320	13.87	15.50	
802.11n-HT20 MCS0	52	5260	13.63	15.00	95.13
	56	5280	13.74	15.00	
	60	5300	14.09	15.50	
	64	5320	14.13	15.50	



802.11n-HT40 MCS0	54	5270	9.69	11.00	90.72
	62	5310	10.16	11.50	
802.11ac-VHT20 MCS0	52	5260	10.38	12.00	95.16
	56	5280	10.33	12.00	
	60	5300	10.85	12.50	
	64	5320	10.80	12.50	
802.11ac-VHT40 MCS0	54	5270	9.58	11.00	90.72
	62	5310	10.04	11.50	
802.11ac-VHT80 MCS0	58	5290	9.39	11.00	84.09

【5.3GHz WLAN\_Head Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	12.42	14.00	95.43
	56	5280	12.53	14.00	
	60	5300	12.79	14.50	
	64	5320	12.88	14.50	
802.11n-HT20 MCS0	52	5260	Not Required	14.00	Not Required
	56	5280		14.00	
	60	5300		14.50	
802.11n-HT40 MCS0	54	5270		11.00	
	62	5310		11.50	
802.11ac-VHT20 MCS0	52	5260		12.00	
	56	5280		12.00	
	60	5300		12.50	
802.11ac-VHT40 MCS0	54	5270		11.00	
	62	5310		11.50	
802.11ac-VHT80 MCS0	58	5290	11.00		

【5.3GHz WLAN\_Receiver off】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	13.44	15.00	95.43
	56	5280	13.46	15.00	
	60	5300	13.81	15.50	
	64	5320	13.87	15.50	
802.11n-HT20 MCS0	52	5260	13.63	15.00	95.13
	56	5280	13.74	15.00	
	60	5300	14.09	15.50	
802.11n-HT40 MCS0	54	5270	9.69	11.00	90.72
	62	5310	10.16	11.50	
802.11ac-VHT20 MCS0	52	5260	10.38	12.00	95.16
	56	5280	10.33	12.00	
	60	5300	10.85	12.50	
802.11ac-VHT40 MCS0	54	5270	9.58	11.00	90.72
	62	5310	10.04	11.50	
802.11ac-VHT80 MCS0	58	5290	9.39	11.00	84.09

【5.3GHz WLAN\_Body worn Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	10.86	12.50	95.43
	56	5280	11.01	12.50	
	60	5300	11.32	13.00	
	64	5320	11.38	13.00	
802.11n-HT20 MCS0	52	5260	Not Required	12.50	Not Required
	56	5280		12.50	
	60	5300		13.00	
802.11n-HT40 MCS0	54	5270		13.00	
	62	5310		11.00	
				11.50	



802.11ac-VHT20 MCS0	52	5260		12.00	
	56	5280		12.00	
	60	5300		12.50	
	64	5320		12.50	
802.11ac-VHT40 MCS0	54	5270		11.00	
	62	5310		11.50	
802.11ac-VHT80 MCS0	58	5290		11.00	

【5.5GHz WLAN\_Full power】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	12.86	14.50	95.43
	116	5580	13.26	15.00	
	132	5660	14.52	16.00	
	140	5700	14.48	16.00	
802.11n-HT20 MCS0	100	5500	13.10	14.50	95.13
	116	5580	13.51	15.00	
	140	5700	14.85	16.50	
802.11n-HT40 MCS0	102	5510	9.46	11.00	90.72
	110	5550	9.67	11.00	
	134	5670	10.94	12.50	
802.11ac-VHT20 MCS0	100	5500	9.59	11.00	95.16
	116	5580	10.36	12.00	
	132	5660	11.59	13.00	
	140	5700	11.57	13.00	
802.11ac-VHT40 MCS0	102	5510	9.40	11.00	90.72
	110	5550	9.58	11.00	
	134	5670	10.87	12.50	
802.11ac-VHT80 MCS0	106	5530	8.57	10.00	84.09

【5.5GHz WLAN\_Receiver on】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	12.86	14.50	95.43
	116	5580	13.26	15.00	
	132	5660	14.52	16.00	
	140	5700	14.48	16.00	
802.11n-HT20 MCS0	100	5500	13.10	14.50	95.13
	116	5580	13.51	15.00	
	140	5700	14.85	16.50	
802.11n-HT40 MCS0	102	5510	9.46	11.00	90.72
	110	5550	9.67	11.00	
	134	5670	10.94	12.50	
802.11ac-VHT20 MCS0	100	5500	9.59	11.00	95.16
	116	5580	10.36	12.00	
	132	5660	11.59	13.00	
	140	5700	11.57	13.00	
802.11ac-VHT40 MCS0	102	5510	9.40	11.00	90.72
	110	5550	9.58	11.00	
	134	5670	10.87	12.50	
802.11ac-VHT80 MCS0	106	5530	8.57	10.00	84.09

【5.5GHz WLAN\_Head Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	13.00	Not Required
	116	5580		13.50	
	132	5660		14.50	
	140	5700		14.50	
802.11n-HT20 MCS0	100	5500	11.58	13.00	95.13
	116	5580	11.99	13.50	
	132	5660	13.38	15.00	
	140	5700	13.46	15.00	

802.11n-HT40 MCS0	102	5510	Not Required	11.00	Not Required
	110	5550		11.00	
	134	5670		12.50	
802.11ac-VHT20 MCS0	100	5500		11.00	
	116	5580		12.00	
	132	5660		13.00	
802.11ac-VHT40 MCS0	140	5700		13.00	
	102	5510		11.00	
	110	5550		11.00	
802.11ac-VHT80 MCS0	134	5670		12.50	
	106	5530		10.00	

**【5.5GHz WLAN\_Receiver off】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	12.86	14.50	95.43
	116	5580	13.26	15.00	
	132	5660	14.52	16.00	
	140	5700	14.48	16.00	
802.11n-HT20 MCS0	100	5500	13.10	14.50	95.13
	116	5580	13.51	15.00	
	132	5660	14.79	16.50	
802.11n-HT40 MCS0	140	5700	14.85	16.50	90.72
	102	5510	9.46	11.00	
	110	5550	9.67	11.00	
802.11ac-VHT20 MCS0	134	5670	10.94	12.50	95.16
	100	5500	9.59	11.00	
	116	5580	10.36	12.00	
	132	5660	11.59	13.00	
802.11ac-VHT40 MCS0	140	5700	11.57	13.00	90.72
	102	5510	9.40	11.00	
	110	5550	9.58	11.00	
802.11ac-VHT80 MCS0	134	5670	10.87	12.50	84.09
106	5530	8.57	10.00		

**【5.5GHz WLAN\_Body worn Simultaneous】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	11.50	Not Required
	116	5580		12.00	
	132	5660		13.00	
	140	5700		13.00	
802.11n-HT20 MCS0	100	5500	10.06	11.50	95.13
	116	5580	10.48	12.00	
	132	5660	11.86	13.50	
802.11n-HT40 MCS0	140	5700	11.88	13.50	Not Required
	102	5510	Not Required	11.00	
	110	5550		11.00	
802.11ac-VHT20 MCS0	134	5670		Not Required	12.50
	100	5500	11.00		
	116	5580	12.00		
	132	5660	13.00		
802.11ac-VHT40 MCS0	140	5700	Not Required	13.00	Not Required
	102	5510		11.00	
	110	5550		11.00	
802.11ac-VHT80 MCS0	134	5670	Not Required	12.50	Not Required
	106	5530		10.00	

**【5.8GHz WLAN\_Full power】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	15.24	16.50	95.43
	157	5785	14.84	16.50	
	165	5825	14.67	16.00	
802.11n-HT20 MCS0	149	5745	15.54	17.00	95.13

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11n-HT40 MCS0	157	5785	15.24	16.50	90.72
	165	5825	14.91	16.50	
	151	5755	11.50	13.00	
802.11ac-VHT20 MCS0	149	5745	12.64	14.00	95.16
	157	5785	12.17	13.50	
	165	5825	12.04	13.50	
802.11ac-VHT40 MCS0	151	5755	11.37	13.00	90.72
	159	5795	11.29	13.00	
802.11ac-VHT80 MCS0	155	5775	10.78	12.50	84.09

**【5.8GHz WLAN\_Receiver on】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	15.24	16.50	95.43
	157	5785	14.84	16.50	
	165	5825	14.67	16.00	
802.11n-HT20 MCS0	149	5745	15.54	17.00	95.13
	157	5785	15.24	16.50	
	165	5825	14.91	16.50	
802.11n-HT40 MCS0	151	5755	11.50	13.00	90.72
	159	5795	11.36	13.00	
802.11ac-VHT20 MCS0	149	5745	12.64	14.00	95.16
	157	5785	12.17	13.50	
	165	5825	12.04	13.50	
802.11ac-VHT40 MCS0	151	5755	11.37	13.00	90.72
	159	5795	11.29	13.00	
802.11ac-VHT80 MCS0	155	5775	10.78	12.50	84.09

**【5.8GHz WLAN\_Head Simultaneous】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	14.50	Not Required
	157	5785		14.50	
	165	5825		14.00	
802.11n-HT20 MCS0	149	5745	13.52	15.00	95.13
	157	5785	13.23	14.50	
	165	5825	12.87	14.50	
802.11n-HT40 MCS0	151	5755	Not Required	13.00	Not Required
	159	5795		13.00	
802.11ac-VHT20 MCS0	149	5745		14.00	
	157	5785		13.50	
	165	5825		13.50	
802.11ac-VHT40 MCS0	151	5755		13.00	
	159	5795	13.00		
802.11ac-VHT80 MCS0	155	5775	12.50		

**【5.8GHz WLAN\_Receiver off】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	15.24	16.50	95.43
	157	5785	14.84	16.50	
	165	5825	14.67	16.00	
802.11n-HT20 MCS0	149	5745	15.54	17.00	95.13
	157	5785	15.24	16.50	
	165	5825	14.91	16.50	
802.11n-HT40 MCS0	151	5755	11.50	13.00	90.72
	159	5795	11.36	13.00	
802.11ac-VHT20 MCS0	149	5745	12.64	14.00	95.16
	157	5785	12.17	13.50	
	165	5825	12.04	13.50	
802.11ac-VHT40 MCS0	151	5755	11.37	13.00	90.72
	159	5795	11.29	13.00	
802.11ac-VHT80 MCS0	155	5775	10.78	12.50	84.09

【5.8GHz WLAN\_Body worn Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	12.00	Not Required
	157	5785		12.00	
	165	5825		11.50	
802.11n-HT20 MCS0	149	5745	11.09	12.50	95.13
	157	5785	10.75	12.00	
	165	5825	10.43	12.00	
802.11n-HT40 MCS0	151	5755	Not Required	11.50	Not Required
	159	5795		11.50	
802.11ac-VHT20 MCS0	149	5745		12.50	
	157	5785		12.00	
	165	5825		12.00	
802.11ac-VHT40 MCS0	151	5755		11.50	
	159	5795		11.50	
802.11ac-VHT80 MCS0	155	5775		11.00	