



Software Version: 23.06.1602

# FR1 N38\_ANT4

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>c</sub>)= -4.0 dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	10	515000	2575	DFT-s-OFDM PI/2 BPSK	1@1	24.50	20.50	0.1122
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@1	24.92	20.92	0.1236
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	24.63	20.63	0.1156
38	30	10	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.38	20.38	0.1091
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	24.84	20.84	0.1213
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.50	20.50	0.1122
38	30	10	523000	2615	DFT-s-OFDM PI/2 BPSK	1@1	24.50	20.50	0.1122
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	24.85	20.85	0.1216
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	24.81	20.81	0.1205
38	30	15	515500	2577.5	DFT-s-OFDM PI/2 BPSK	1@1	24.42	20.42	0.1102
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	24.86	20.86	0.1219
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	25.02	21.02	0.1265
38	30	15	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.40	20.40	0.1096
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@1	24.84	20.84	0.1213
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.44	20.44	0.1107
38	30	15	522500	2612.5	DFT-s-OFDM PI/2 BPSK	1@1	24.32	20.32	0.1076
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	24.80	20.80	0.1202
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	24.36	20.36	0.1086
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	1@1	24.46	20.46	0.1112
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	24.94	20.94	0.1242
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	24.75	20.75	0.1189
38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.43	20.43	0.1104
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	24.88	20.88	0.1225
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.53	20.53	0.1130
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	1@1	24.32	20.32	0.1076
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	24.73	20.73	0.1183
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	24.41	20.41	0.1099
38	30	25	516500	2582.5	DFT-s-OFDM PI/2 BPSK	1@1	24.44	20.44	0.1107
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@1	24.93	20.93	0.1239
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	1@1	24.71	20.71	0.1178
38	30	25	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.46	20.46	0.1112
38	30	25	519000	2595	DFT-s-OFDM QPSK	1@1	24.84	20.84	0.1213
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.86	20.86	0.1219
38	30	25	521500	2607.5	DFT-s-OFDM PI/2 BPSK	1@1	24.24	20.24	0.1057
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@1	24.65	20.65	0.1161



38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	1@1	24.47	20.47	0.1114
38	30	30	517000	2585	DFT-s-OFDM PI/2 BPSK	1@1	24.50	20.50	0.1122
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	24.92	20.92	0.1236
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	24.67	20.67	0.1167
38	30	30	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.51	20.51	0.1125
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	24.88	20.88	0.1225
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.91	20.91	0.1233
38	30	30	521000	2605	DFT-s-OFDM PI/2 BPSK	1@1	24.44	20.44	0.1107
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	24.82	20.82	0.1208
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	24.68	20.68	0.1169
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	24.88	20.88	0.1225
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@0	24.86	20.86	0.1219
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	24.92	20.92	0.1236
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	2@0	24.79	20.79	0.1199
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	24.75	20.75	0.1189
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	2@104	24.81	20.81	0.1205
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	100@0	22.82	18.82	0.0762
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	24.98	20.98	0.1253
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@0	25.00	21.00	0.1259
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	24.96	20.96	0.1247
38	30	40	518000	2590	DFT-s-OFDM QPSK	2@0	24.84	20.84	0.1213
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	24.77	20.77	0.1194
38	30	40	518000	2590	DFT-s-OFDM QPSK	2@104	24.80	20.80	0.1202
38	30	40	518000	2590	DFT-s-OFDM QPSK	100@0	22.35	18.35	0.0684
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	24.61	20.61	0.1151
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	24.91	20.91	0.1233
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	24.72	20.72	0.1180
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	100@0	21.37	17.37	0.0546
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	100@0	20.76	16.76	0.0474
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	100@0	17.54	13.54	0.0226
38	30	40	518000	2590	CP-OFDM QPSK	1@1	24.84	20.84	0.1213
38	30	40	518000	2590	CP-OFDM 16 QAM	1@1	24.53	20.53	0.1130
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.83	20.83	0.1211
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@0	24.88	20.88	0.1225
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	24.95	20.95	0.1245
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	2@0	24.80	20.80	0.1202
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	24.71	20.71	0.1178
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	2@104	24.84	20.84	0.1213
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	100@0	22.85	18.85	0.0767
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	24.94	20.94	0.1242
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@0	24.93	20.93	0.1239
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	25.00	21.00	0.1259



38	30	40	519000	2595	DFT-s-OFDM QPSK	2@0	24.76	20.76	0.1191
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	24.75	20.75	0.1189
38	30	40	519000	2595	DFT-s-OFDM QPSK	2@104	24.82	20.82	0.1208
38	30	40	519000	2595	DFT-s-OFDM QPSK	100@0	22.37	18.37	0.0687
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.56	20.56	0.1138
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	24.85	20.85	0.1216
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	24.68	20.68	0.1169
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	100@0	21.38	17.38	0.0547
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	100@0	20.91	16.91	0.0491
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	100@0	17.60	13.60	0.0229
38	30	40	519000	2595	CP-OFDM QPSK	1@1	24.71	20.71	0.1178
38	30	40	519000	2595	CP-OFDM 16 QAM	1@1	25.03	21.03	0.1268
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	24.80	20.80	0.1202
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@0	24.83	20.83	0.1211
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	24.96	20.96	0.1247
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	2@0	24.81	20.81	0.1205
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	24.70	20.70	0.1175
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	2@104	24.97	20.97	0.1250
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	100@0	22.75	18.75	0.0750
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	24.88	20.88	0.1225
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@0	24.92	20.92	0.1236
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	25.01	21.01	0.1262
38	30	40	520000	2600	DFT-s-OFDM QPSK	2@0	24.79	20.79	0.1199
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	24.72	20.72	0.1180
38	30	40	520000	2600	DFT-s-OFDM QPSK	2@104	25.02	21.02	0.1265
38	30	40	520000	2600	DFT-s-OFDM QPSK	100@0	22.31	18.31	0.0678
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	25.00	21.00	0.1259
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	24.83	20.83	0.1211
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	24.54	20.54	0.1132
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	100@0	21.34	17.34	0.0542
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	100@0	20.85	16.85	0.0484
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	100@0	17.42	13.42	0.0220
38	30	40	520000	2600	CP-OFDM QPSK	1@1	24.78	20.78	0.1197
38	30	40	520000	2600	CP-OFDM 16 QAM	1@1	24.98	20.98	0.1253



Software Version: 23.06.1602

# FR1 N41\_ANT4

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>c</sub>)= -4.0 dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	1@1	25.26	21.26	0.1337
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	25.32	21.32	0.1355
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	24.05	20.05	0.1012
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.14	21.14	0.1300
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.15	21.15	0.1303
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.56	20.56	0.1138
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	1@1	25.10	21.10	0.1288
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	25.14	21.14	0.1300
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	24.05	20.05	0.1012
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	1@1	25.23	21.23	0.1327
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	25.26	21.26	0.1337
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	24.09	20.09	0.1021
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.10	21.10	0.1288
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.04	21.04	0.1271
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.13	20.13	0.1030
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	1@1	24.85	20.85	0.1216
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	24.80	20.80	0.1202
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	24.01	20.01	0.1002
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	25.36	21.36	0.1368
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	25.39	21.39	0.1377
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.51	20.51	0.1125
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.05	21.05	0.1274
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.05	21.05	0.1274
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.78	19.78	0.0951
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	24.77	20.77	0.1194
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	24.84	20.84	0.1213
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	23.63	19.63	0.0918
41	30	25	501702	2508.51	DFT-s-OFDM PI/2 BPSK	1@1	25.33	21.33	0.1358
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	1@1	25.35	21.35	0.1365
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	1@1	24.14	20.14	0.1033
41	30	25	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.16	21.16	0.1306
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.08	21.08	0.1282
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.25	20.25	0.1059
41	30	25	535500	2677.5	DFT-s-OFDM PI/2 BPSK	1@1	24.94	20.94	0.1242
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	1@1	24.99	20.99	0.1256



41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	1@1	24.00	20.00	0.1000
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@1	25.33	21.33	0.1358
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	25.39	21.39	0.1377
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	24.23	20.23	0.1054
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.08	21.08	0.1282
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.16	21.16	0.1306
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.10	20.10	0.1023
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	24.78	20.78	0.1197
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.82	20.82	0.1208
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	23.43	19.43	0.0877
41	30	35	502704	2513.52	DFT-s-OFDM PI/2 BPSK	1@1	25.33	21.33	0.1358
41	30	35	502704	2513.52	DFT-s-OFDM QPSK	1@1	25.42	21.42	0.1387
41	30	35	502704	2513.52	DFT-s-OFDM 16 QAM	1@1	24.23	20.23	0.1054
41	30	35	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.13	21.13	0.1297
41	30	35	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.13	21.13	0.1297
41	30	35	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.18	20.18	0.1042
41	30	35	534498	2672.49	DFT-s-OFDM PI/2 BPSK	1@1	24.65	20.65	0.1161
41	30	35	534498	2672.49	DFT-s-OFDM QPSK	1@1	24.82	20.82	0.1208
41	30	35	534498	2672.49	DFT-s-OFDM 16 QAM	1@1	23.28	19.28	0.0847
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	25.39	21.39	0.1377
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.39	21.39	0.1377
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.16	20.16	0.1038
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.05	21.05	0.1274
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.97	20.97	0.1250
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.76	19.76	0.0946
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@1	24.68	20.68	0.1169
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	24.78	20.78	0.1197
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	23.49	19.49	0.0889
41	30	45	503700	2518.5	DFT-s-OFDM PI/2 BPSK	1@1	25.37	21.37	0.1371
41	30	45	503700	2518.5	DFT-s-OFDM QPSK	1@1	25.35	21.35	0.1365
41	30	45	503700	2518.5	DFT-s-OFDM 16 QAM	1@1	24.46	20.46	0.1112
41	30	45	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.13	21.13	0.1297
41	30	45	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.13	21.13	0.1297
41	30	45	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.12	20.12	0.1028
41	30	45	533496	2667.48	DFT-s-OFDM PI/2 BPSK	1@1	24.77	20.77	0.1194
41	30	45	533496	2667.48	DFT-s-OFDM QPSK	1@1	24.77	20.77	0.1194
41	30	45	533496	2667.48	DFT-s-OFDM 16 QAM	1@1	23.55	19.55	0.0902
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@1	25.25	21.25	0.1334
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	25.30	21.30	0.1349
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.16	20.16	0.1038
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.15	21.15	0.1303
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.23	21.23	0.1327



41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.94	19.94	0.0986
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	24.79	20.79	0.1199
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	24.98	20.98	0.1253
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	23.46	19.46	0.0883
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@1	25.37	21.37	0.1371
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	25.38	21.38	0.1374
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	24.54	20.54	0.1132
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.17	21.17	0.1309
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.25	21.25	0.1334
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.93	19.93	0.0984
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	25.02	21.02	0.1265
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.19	21.19	0.1315
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	23.90	19.90	0.0977
41	30	70	505200	2531.01	DFT-s-OFDM PI/2 BPSK	1@1	22.31	18.31	0.0678
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	22.42	18.42	0.0695
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	21.11	17.11	0.0514
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	22.23	18.23	0.0665
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.18	18.18	0.0658
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	20.81	16.81	0.0480
41	30	70	531996	2655	DFT-s-OFDM PI/2 BPSK	1@1	22.27	18.27	0.0671
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	22.17	18.17	0.0656
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	21.03	17.03	0.0505
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	25.41	21.41	0.1384
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.55	21.55	0.1429
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.25	20.25	0.1059
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.25	21.25	0.1334
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.31	21.31	0.1352
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.92	19.92	0.0982
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	25.16	21.16	0.1306
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.23	21.23	0.1327
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	23.76	19.76	0.0946
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	25.46	21.46	0.1400
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25.55	21.55	0.1429
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.12	20.12	0.1028
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.25	21.25	0.1334
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.31	21.31	0.1352
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.90	19.90	0.0977
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	24.99	20.99	0.1256
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.99	20.99	0.1256
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	23.67	19.67	0.0927
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	25.47	21.47	0.1403
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@0	23.49	19.49	0.0889



41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	25.19	21.19	0.1315
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	2@0	23.46	19.46	0.0883
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.33	21.33	0.1358
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	2@271	23.12	19.12	0.0817
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	270@0	23.37	19.37	0.0865
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	25.47	21.47	0.1403
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	23.63	19.63	0.0918
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	25.19	21.19	0.1315
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	2@0	23.50	19.50	0.0891
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.36	21.36	0.1368
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	2@271	23.21	19.21	0.0834
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	22.90	18.90	0.0776
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.46	20.46	0.1112
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	23.73	19.73	0.0940
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	21.30	17.30	0.0537
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	270@0	21.91	17.91	0.0618
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	270@0	21.36	17.36	0.0545
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	270@0	18.01	14.01	0.0252
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	24.15	20.15	0.1035
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@1	23.37	19.37	0.0865
41	30	100	509202	2546.01	CP-OFDM 64 QAM	1@1	22.82	18.82	0.0762
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.26	21.26	0.1337
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	23.16	19.16	0.0824
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	25.20	21.20	0.1318
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	2@0	23.19	19.19	0.0830
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.11	21.11	0.1291
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	2@271	23.09	19.09	0.0811
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	23.20	19.20	0.0832
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.40	21.40	0.1380
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	23.17	19.17	0.0826
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.11	21.11	0.1291
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	2@0	23.13	19.13	0.0818
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.11	21.11	0.1291
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	2@271	23.10	19.10	0.0813
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	270@0	22.73	18.73	0.0746
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.34	20.34	0.1081
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.59	19.59	0.0910
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.04	17.04	0.0506
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	270@0	21.73	17.73	0.0593
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	270@0	21.27	17.27	0.0533
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	270@0	18.06	14.06	0.0255
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	23.72	19.72	0.0938



41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@1	23.08	19.08	0.0809
41	30	100	518598	2592.99	CP-OFDM 64 QAM	1@1	22.59	18.59	0.0723
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.02	21.02	0.1265
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@0	23.11	19.11	0.0815
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	25.27	21.27	0.1340
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	2@0	23.05	19.05	0.0804
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.03	21.03	0.1268
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	2@271	23.46	19.46	0.0883
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	270@0	23.03	19.03	0.0800
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.16	21.16	0.1306
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@0	23.12	19.12	0.0817
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	25.22	21.22	0.1324
41	30	100	528000	2640	DFT-s-OFDM QPSK	2@0	22.96	18.96	0.0787
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.02	21.02	0.1265
41	30	100	528000	2640	DFT-s-OFDM QPSK	2@271	23.42	19.42	0.0875
41	30	100	528000	2640	DFT-s-OFDM QPSK	270@0	22.60	18.60	0.0724
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.00	20.00	0.1000
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.14	19.14	0.0820
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	20.82	16.82	0.0481
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	270@0	21.56	17.56	0.0570
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	270@0	21.12	17.12	0.0515
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	270@0	17.53	13.53	0.0225
41	30	100	528000	2640	CP-OFDM QPSK	1@1	23.52	19.52	0.0895
41	30	100	528000	2640	CP-OFDM 16 QAM	1@1	22.86	18.86	0.0769
41	30	100	528000	2640	CP-OFDM 64 QAM	1@1	22.42	18.42	0.0695



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0018	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0025	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0022	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0000	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0012	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0021	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0015	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0016	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0023	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0018	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0013	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0018	PASS	50°C



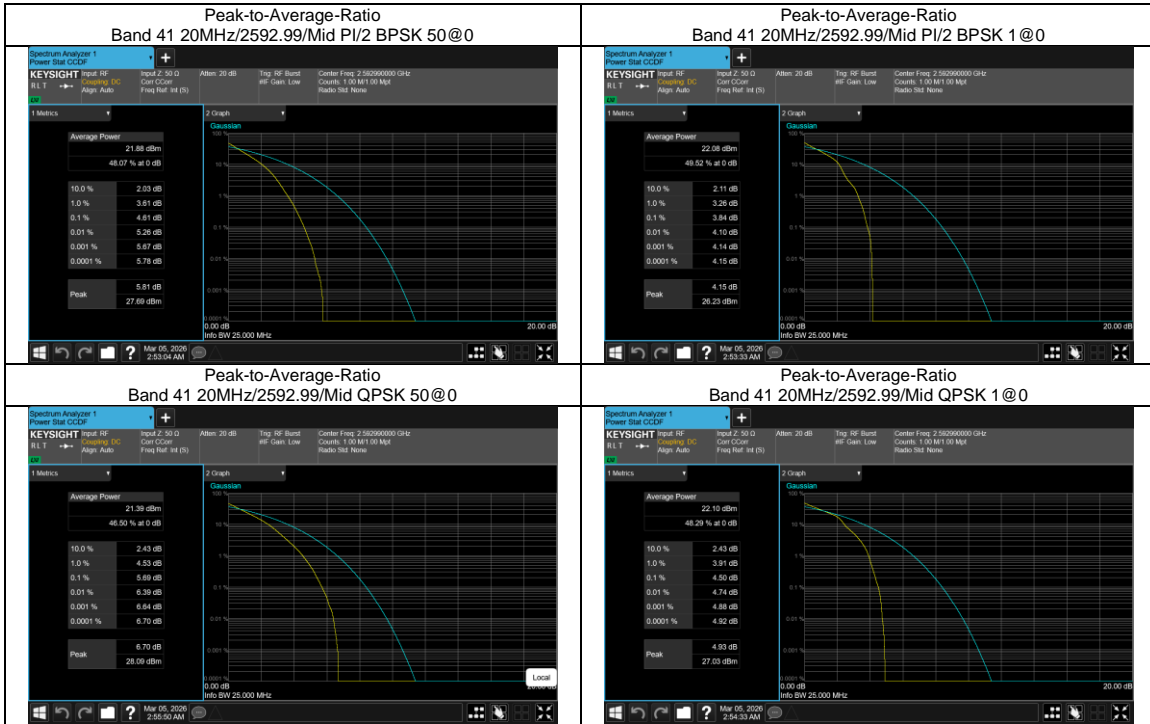
### Peak to Average Ratio

#### Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	4.61	13
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	3.84	13
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.69	13
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	4.5	13



Test Graphs





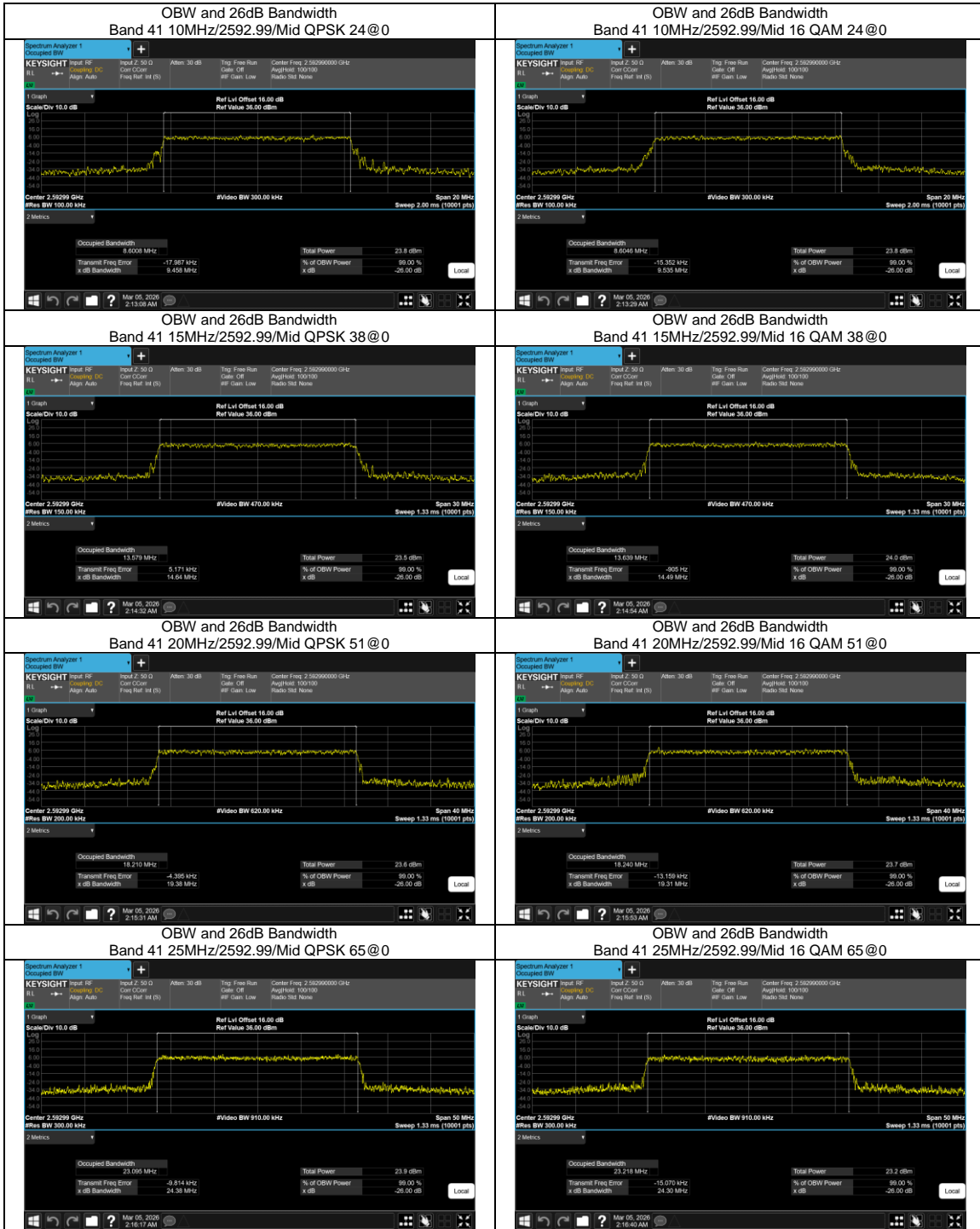
### Occupied Bandwidth

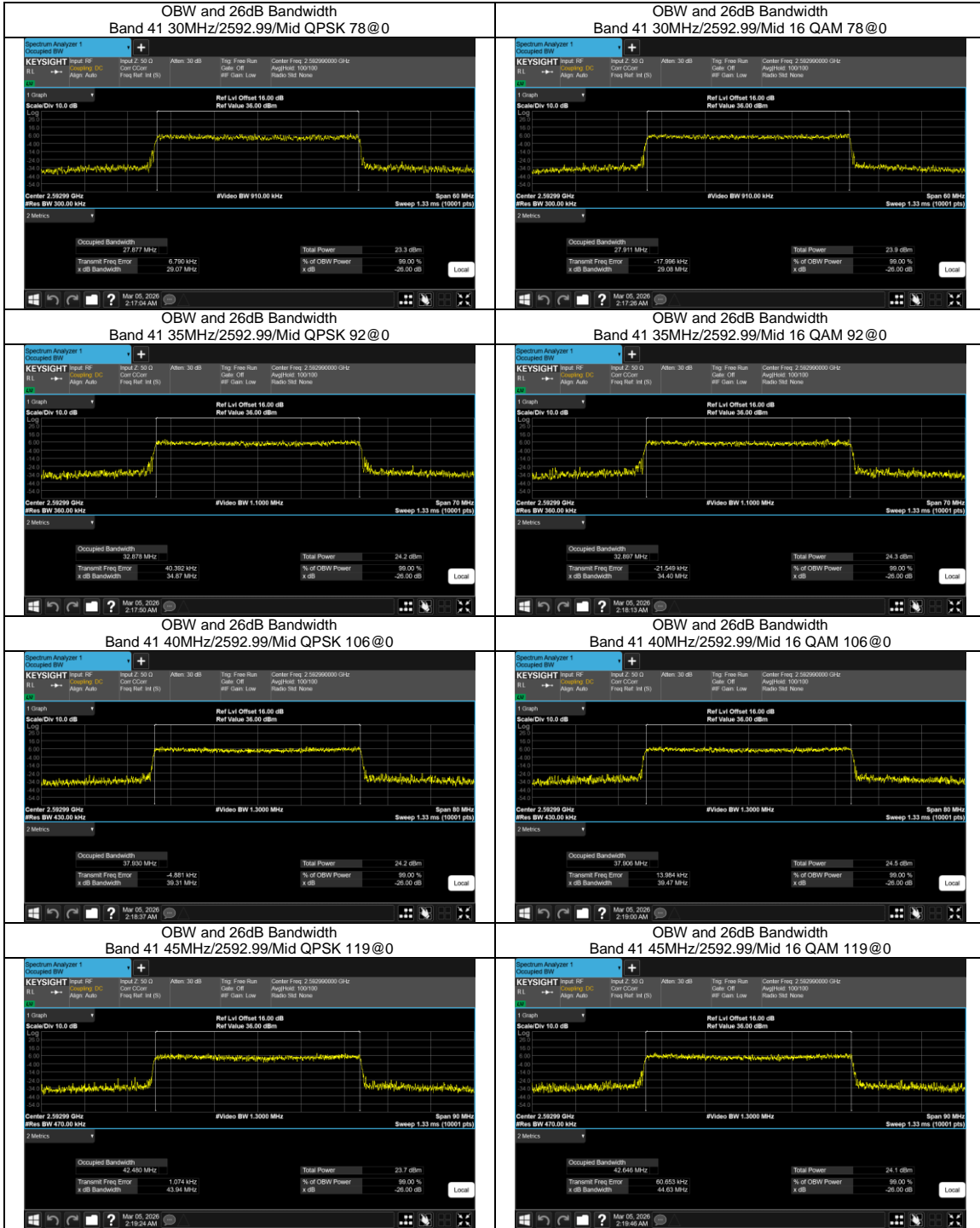
#### Test Result

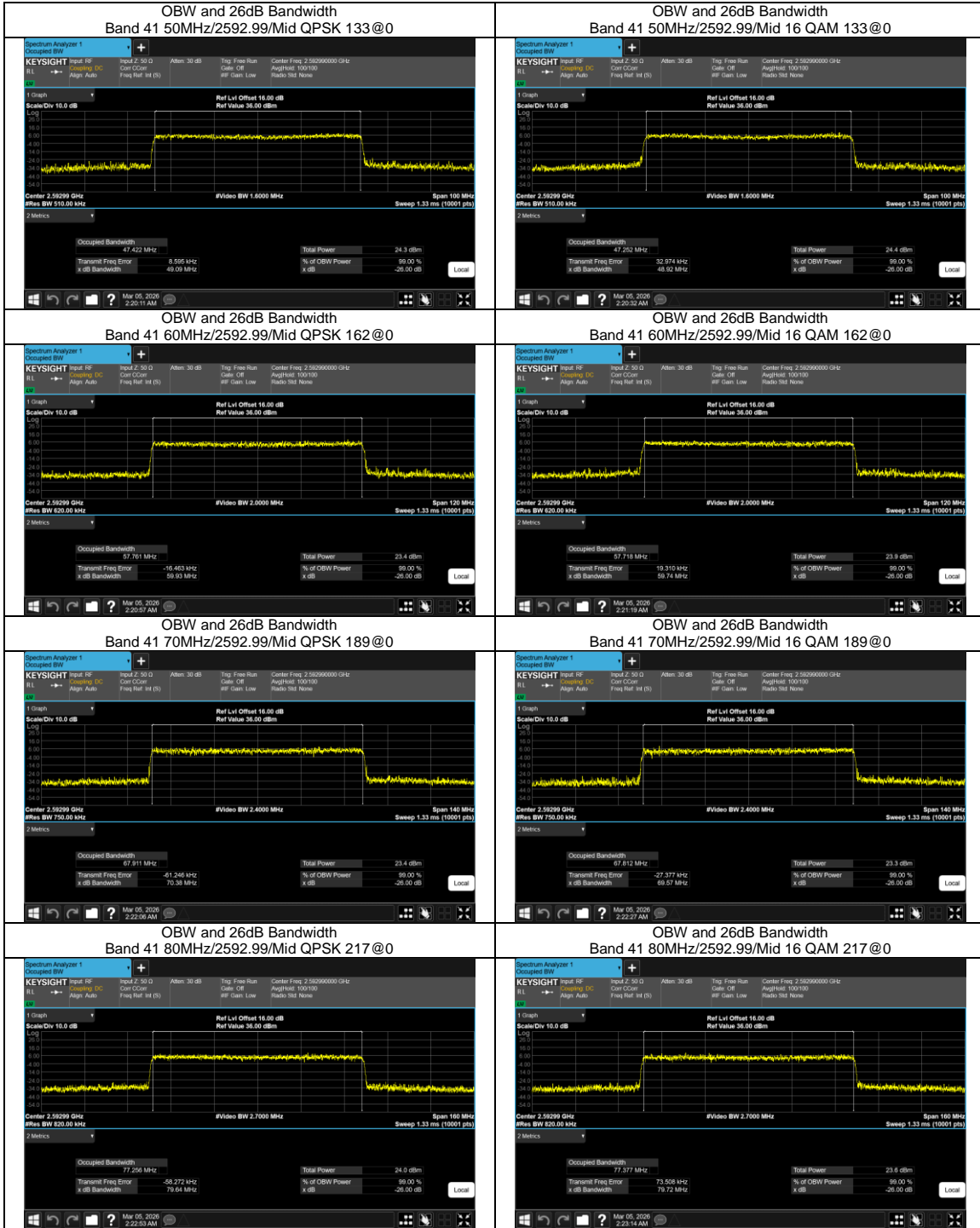
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.6	9.458
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.6	9.535
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.58	14.64
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.64	14.49
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.21	19.38
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.24	19.31
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.1	24.38
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.22	24.3
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.88	29.07
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.91	29.08
41	30	35	518598	2592.99	CP-OFDM QPSK	92@0	32.88	34.87
41	30	35	518598	2592.99	CP-OFDM 16 QAM	92@0	32.9	34.4
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.93	39.31
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.91	39.47
41	30	45	518598	2592.99	CP-OFDM QPSK	119@0	42.48	43.94
41	30	45	518598	2592.99	CP-OFDM 16 QAM	119@0	42.65	44.63
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.42	49.09
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.25	48.92
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.76	59.93
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.72	59.74
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.91	70.38
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.81	69.57
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.26	79.64
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.38	79.72
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.41	89.91
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.17	89.94
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	96.89	100.2
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	96.88	100.2

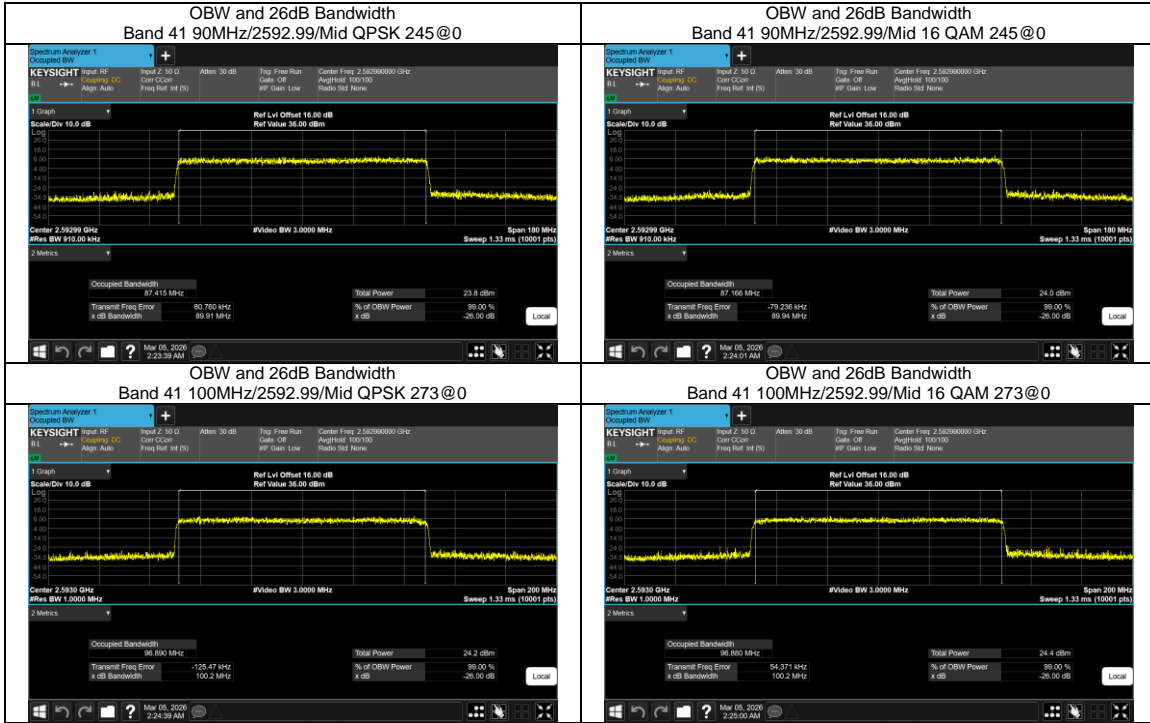


Test Graphs











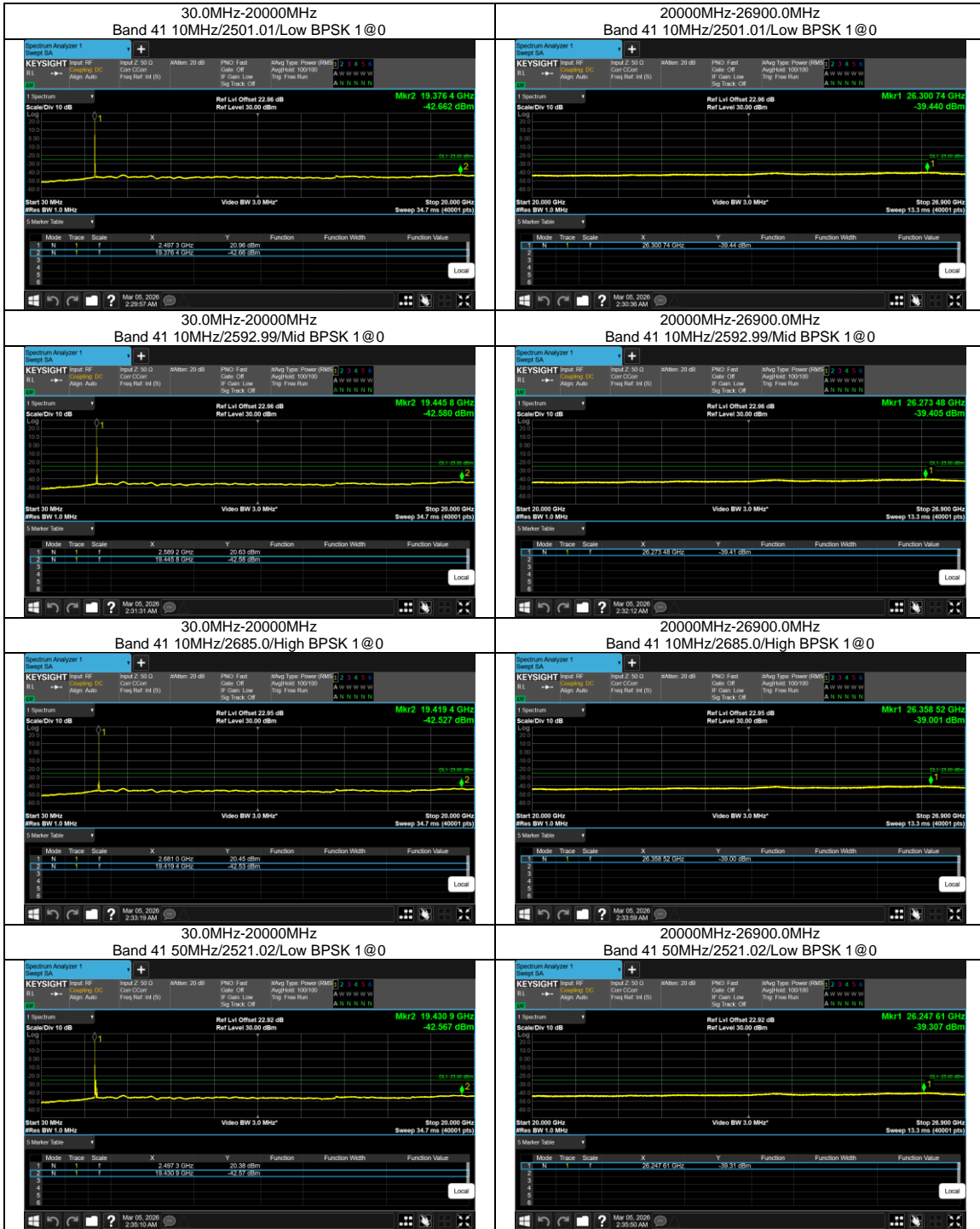
### Conducted Spurious Emissions

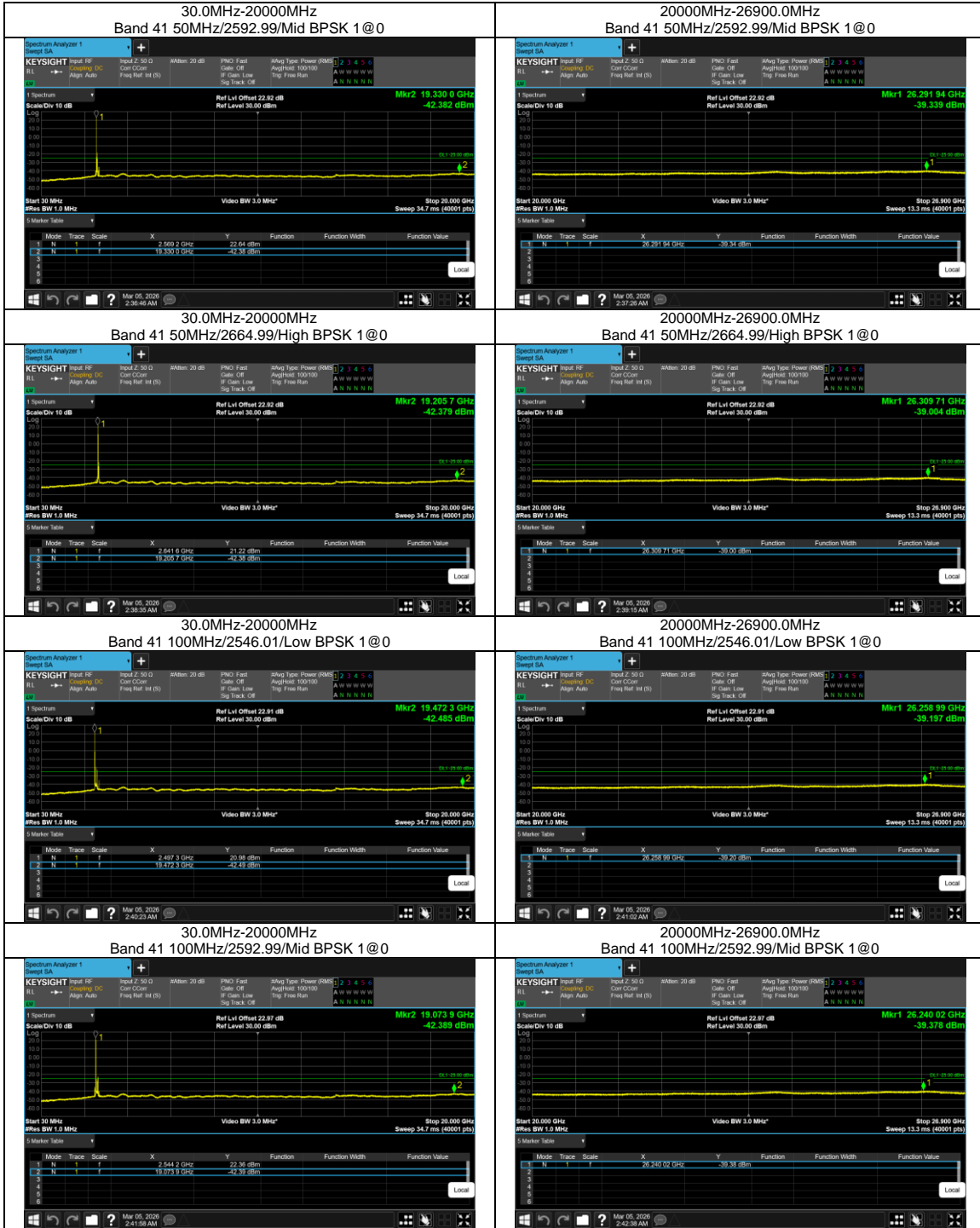
#### Test Result

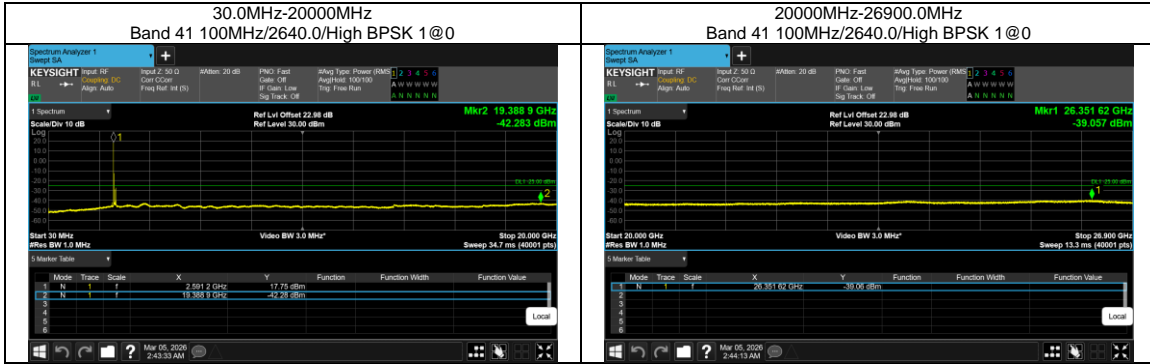
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Freq_Range	Result	Limit	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	20.955	-25	---
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	20000MHz-26900.0MHz	-39.44	-25	PASS
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	20.629	-25	---
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	20000MHz-26900.0MHz	-39.405	-25	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	20.445	-25	---
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	20000MHz-26900.0MHz	-39.001	-25	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	20.383	-25	---
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	20000MHz-26900.0MHz	-39.307	-25	PASS
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	22.64	-25	---
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	20000MHz-26900.0MHz	-39.339	-25	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	21.224	-25	---
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	20000MHz-26900.0MHz	-39.004	-25	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	20.983	-25	---
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	20000MHz-26900.0MHz	-39.197	-25	PASS
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	22.356	-25	---
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	20000MHz-26900.0MHz	-39.378	-25	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	17.755	-25	---
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	20000MHz-26900.0MHz	-39.057	-25	PASS



Test Graphs









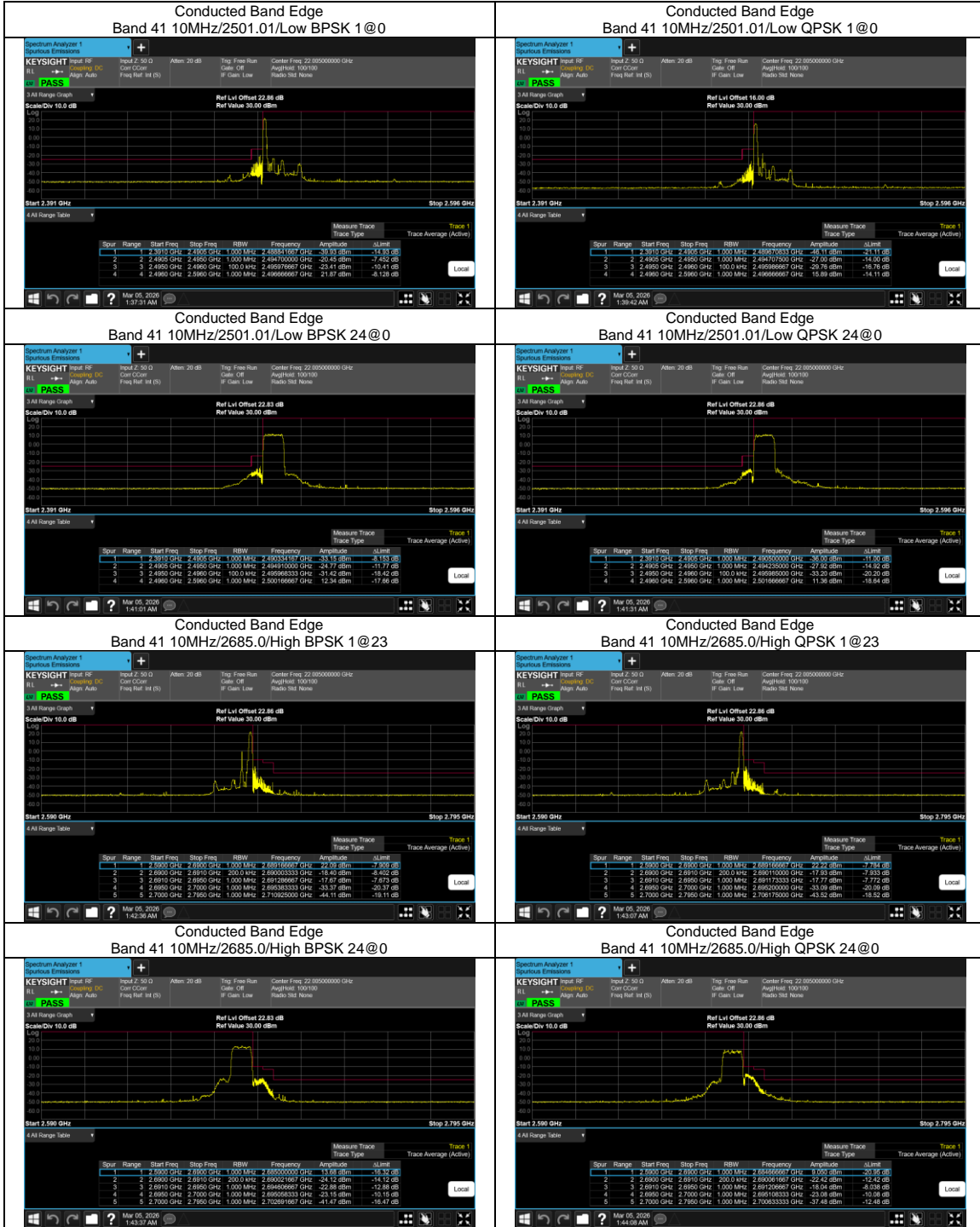
### Conducted Band Edge

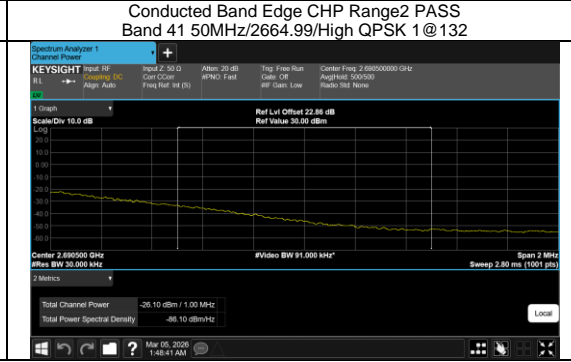
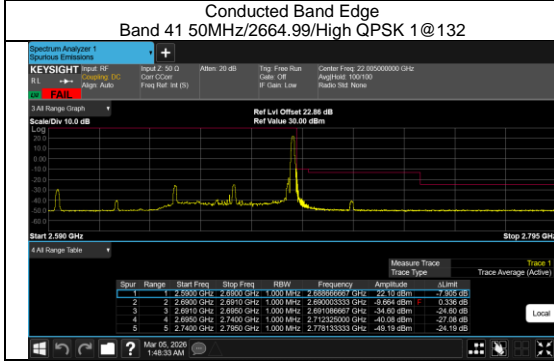
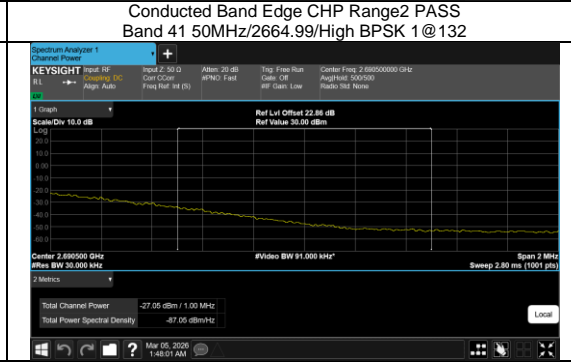
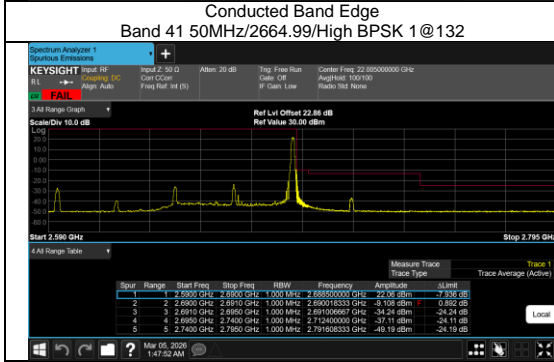
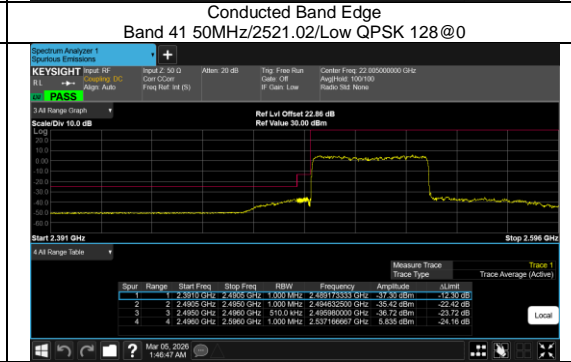
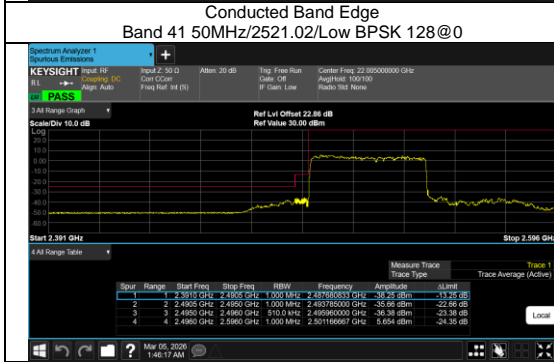
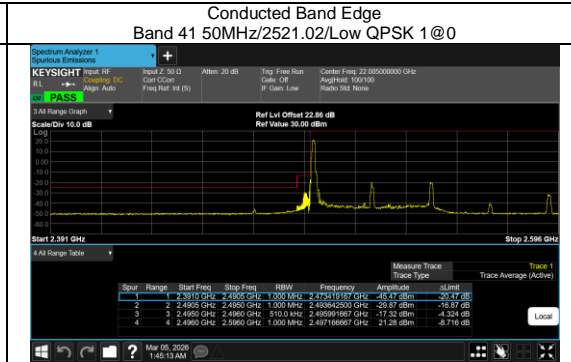
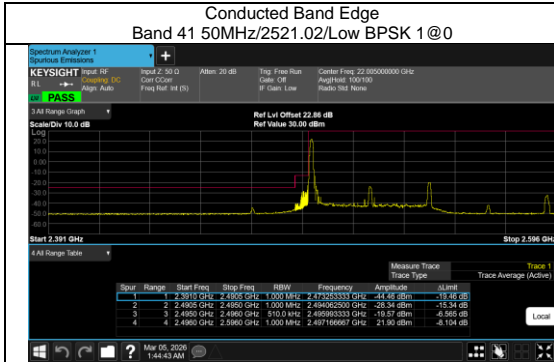
#### Test Result

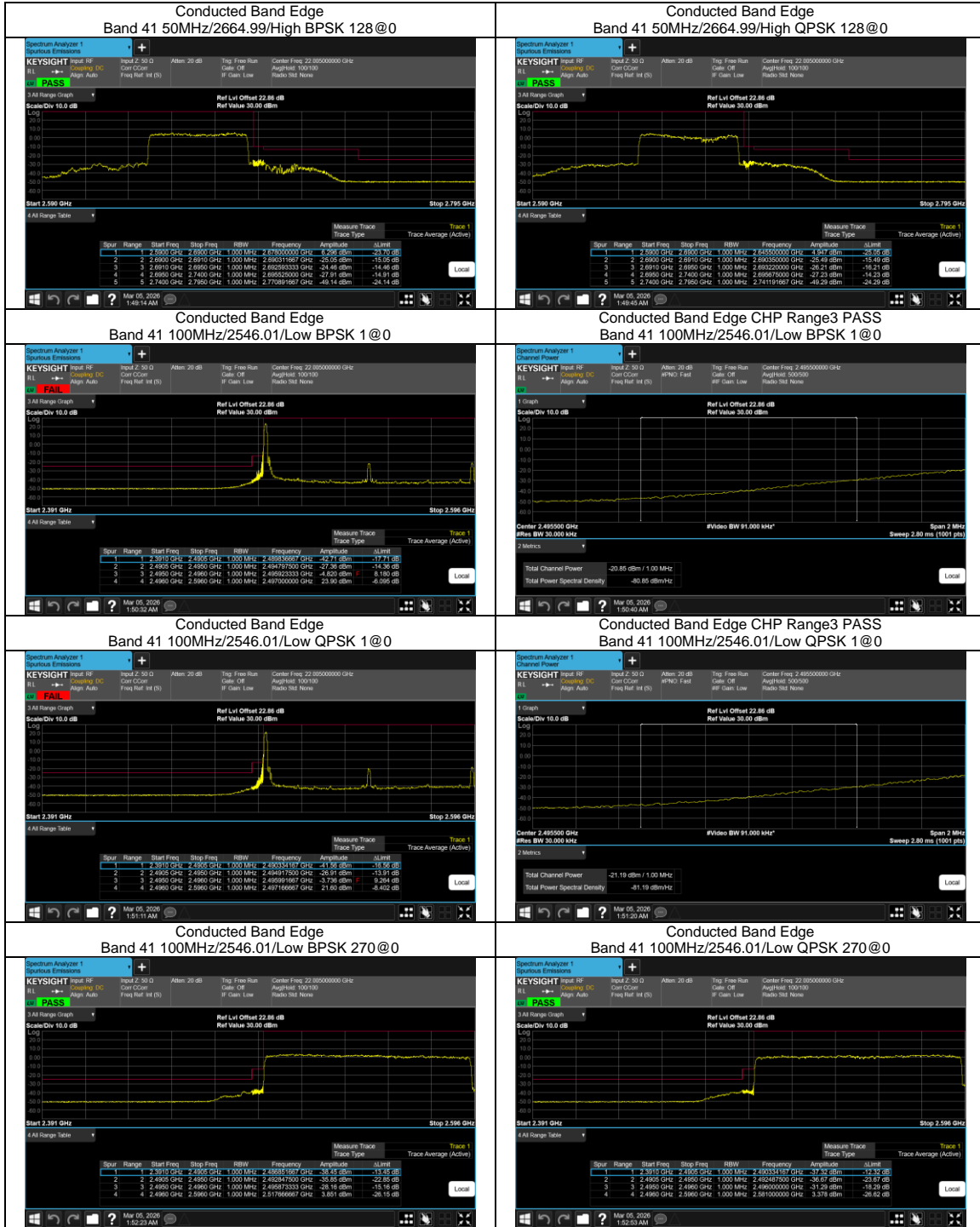
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

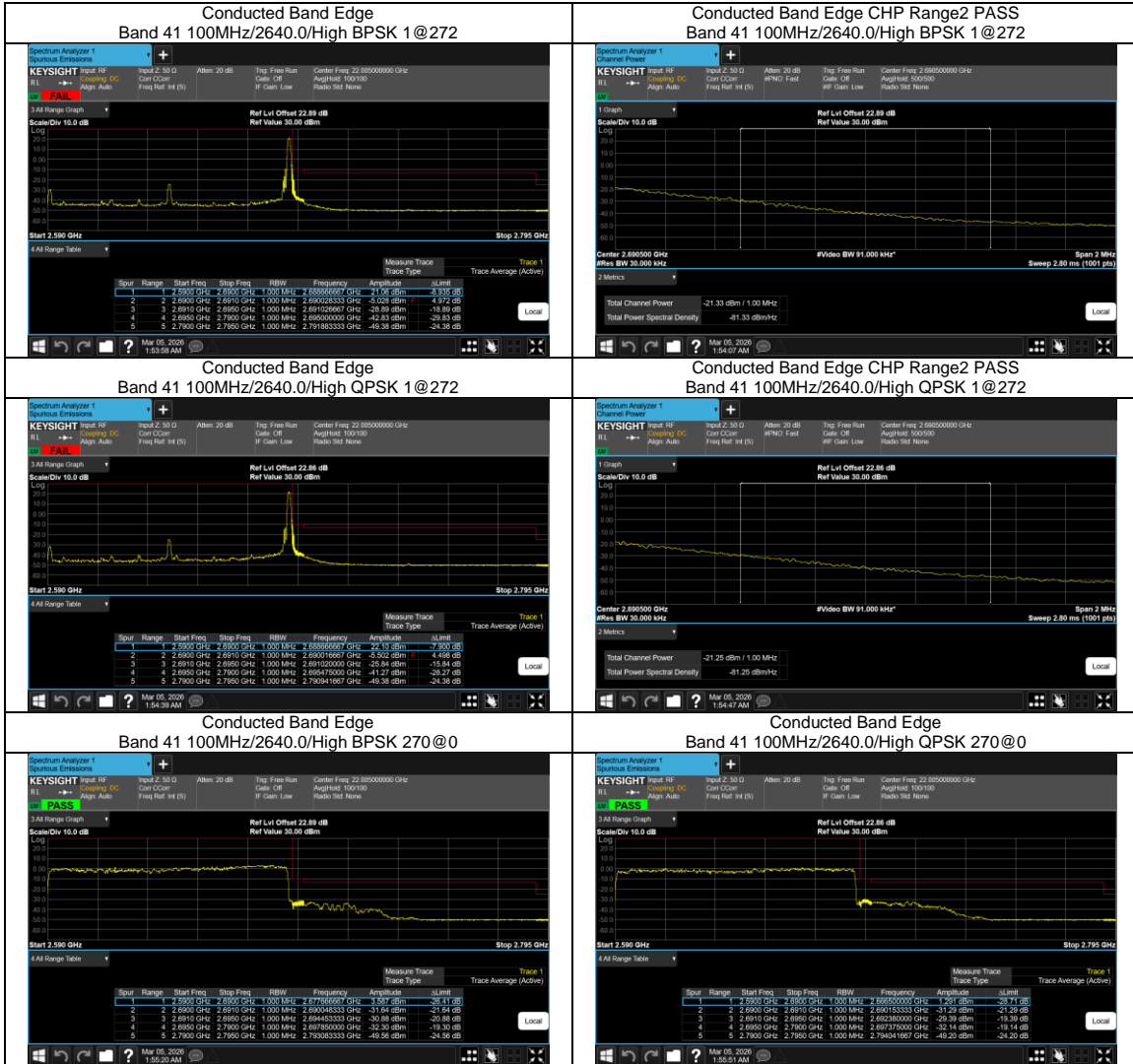


Test Graphs











Software Version: 23.06.1602

# FR1 N66\_ANT4

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>c</sub>)= -4.0 dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	1@1	23.82	19.82	0.0959
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	23.51	19.51	0.0893
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	23.62	19.62	0.0916
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.73	19.73	0.0940
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	23.81	19.81	0.0957
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.07	19.07	0.0807
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	23.51	19.51	0.0893
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	23.52	19.52	0.0895
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	23.40	19.40	0.0871
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	1@1	23.74	19.74	0.0942
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	23.62	19.62	0.0916
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	23.63	19.63	0.0918
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.81	19.81	0.0957
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	23.59	19.59	0.0910
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.58	19.58	0.0908
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	1@1	23.44	19.44	0.0879
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	23.39	19.39	0.0869
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	22.83	18.83	0.0764
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	23.93	19.93	0.0984
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	24.11	20.11	0.1026
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	23.33	19.33	0.0857
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.65	19.65	0.0923
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	23.84	19.84	0.0964
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.30	19.30	0.0851
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	23.20	19.20	0.0832
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.13	19.13	0.0818
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	23.17	19.17	0.0826
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	1@1	23.82	19.82	0.0959
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	23.99	19.99	0.0998
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	23.62	19.62	0.0916
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.72	19.72	0.0938
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	23.89	19.89	0.0975
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.65	19.65	0.0923
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@1	23.60	19.60	0.0912
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	23.40	19.40	0.0871



66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	22.95	18.95	0.0785
66	15	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	1@1	23.62	19.62	0.0916
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	23.55	19.55	0.0902
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	23.16	19.16	0.0824
66	15	25	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.71	19.71	0.0935
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	23.59	19.59	0.0910
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.80	19.80	0.0955
66	15	25	353500	1767.5	DFT-s-OFDM PI/2 BPSK	1@1	23.54	19.54	0.0899
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	23.72	19.72	0.0938
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	22.50	18.50	0.0708
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	1@1	23.76	19.76	0.0946
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	23.53	19.53	0.0897
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	23.39	19.39	0.0869
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.86	19.86	0.0968
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	23.85	19.85	0.0966
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.53	19.53	0.0897
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	1@1	23.62	19.62	0.0916
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	23.83	19.83	0.0962
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	23.01	19.01	0.0796
66	15	35	345500	1727.5	DFT-s-OFDM PI/2 BPSK	1@1	23.73	19.73	0.0940
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	1@1	23.79	19.79	0.0953
66	15	35	345500	1727.5	DFT-s-OFDM 16 QAM	1@1	23.66	19.66	0.0925
66	15	35	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.64	19.64	0.0920
66	15	35	349000	1745	DFT-s-OFDM QPSK	1@1	23.87	19.87	0.0971
66	15	35	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.30	19.30	0.0851
66	15	35	352500	1762.5	DFT-s-OFDM PI/2 BPSK	1@1	23.64	19.64	0.0920
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	1@1	23.88	19.88	0.0973
66	15	35	352500	1762.5	DFT-s-OFDM 16 QAM	1@1	22.99	18.99	0.0793
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	23.94	19.94	0.0986
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@0	23.37	19.37	0.0865
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@214	23.49	19.49	0.0889
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	2@0	23.32	19.32	0.0855
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	108@54	23.69	19.69	0.0931
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	2@214	23.02	19.02	0.0798
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	216@0	23.15	19.15	0.0822
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	23.40	19.40	0.0871
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@0	22.83	18.83	0.0764
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	23.78	19.78	0.0951
66	15	40	346000	1730	DFT-s-OFDM QPSK	2@0	23.37	19.37	0.0865
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	23.67	19.67	0.0927
66	15	40	346000	1730	DFT-s-OFDM QPSK	2@214	23.10	19.10	0.0813
66	15	40	346000	1730	DFT-s-OFDM QPSK	216@0	23.19	19.19	0.0830



66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	23.56	19.56	0.0904
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	22.56	18.56	0.0718
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	19.77	15.77	0.0378
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	216@0	22.18	18.18	0.0658
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	216@0	21.62	17.62	0.0578
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	216@0	18.42	14.42	0.0277
66	15	40	346000	1730	CP-OFDM QPSK	1@1	22.05	18.05	0.0638
66	15	40	346000	1730	CP-OFDM 16 QAM	1@1	21.67	17.67	0.0585
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.75	19.75	0.0944
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@0	23.27	19.27	0.0845
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@214	23.45	19.45	0.0881
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	2@0	23.36	19.36	0.0863
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	108@54	23.59	19.59	0.0910
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	2@214	22.98	18.98	0.0791
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	216@0	23.12	19.12	0.0817
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	23.63	19.63	0.0918
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@0	22.86	18.86	0.0769
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	23.62	19.62	0.0916
66	15	40	349000	1745	DFT-s-OFDM QPSK	2@0	23.20	19.20	0.0832
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	23.61	19.61	0.0914
66	15	40	349000	1745	DFT-s-OFDM QPSK	2@214	22.91	18.91	0.0778
66	15	40	349000	1745	DFT-s-OFDM QPSK	216@0	23.08	19.08	0.0809
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.20	19.20	0.0832
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	22.60	18.60	0.0724
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	18.43	14.43	0.0277
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	216@0	22.12	18.12	0.0649
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	216@0	21.57	17.57	0.0571
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	216@0	17.61	13.61	0.0230
66	15	40	349000	1745	CP-OFDM QPSK	1@1	22.47	18.47	0.0703
66	15	40	349000	1745	CP-OFDM 16 QAM	1@1	21.65	17.65	0.0582
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	23.61	19.61	0.0914
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@0	22.95	18.95	0.0785
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@214	23.36	19.36	0.0863
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	2@0	23.25	19.25	0.0841
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	108@54	23.49	19.49	0.0889
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	2@214	22.91	18.91	0.0778
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	216@0	23.00	19.00	0.0794
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	23.71	19.71	0.0935
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@0	22.85	18.85	0.0767
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	23.34	19.34	0.0859
66	15	40	352000	1760	DFT-s-OFDM QPSK	2@0	23.27	19.27	0.0845
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	23.51	19.51	0.0893



66	15	40	352000	1760	DFT-s-OFDM QPSK	2@214	22.96	18.96	0.0787
66	15	40	352000	1760	DFT-s-OFDM QPSK	216@0	23.07	19.07	0.0807
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	23.60	19.60	0.0912
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	21.58	17.58	0.0573
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	18.79	14.79	0.0301
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	216@0	22.05	18.05	0.0638
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	216@0	21.48	17.48	0.0560
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	216@0	17.49	13.49	0.0223
66	15	40	352000	1760	CP-OFDM QPSK	1@1	22.45	18.45	0.0700
66	15	40	352000	1760	CP-OFDM 16 QAM	1@1	21.89	17.89	0.0615



### Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0021	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0015	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0016	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0000	PASS	-30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0009	PASS	-20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0013	PASS	-10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0015	PASS	0°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0016	PASS	10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0017	PASS	20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0014	PASS	30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0021	PASS	40°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0017	PASS	50°C



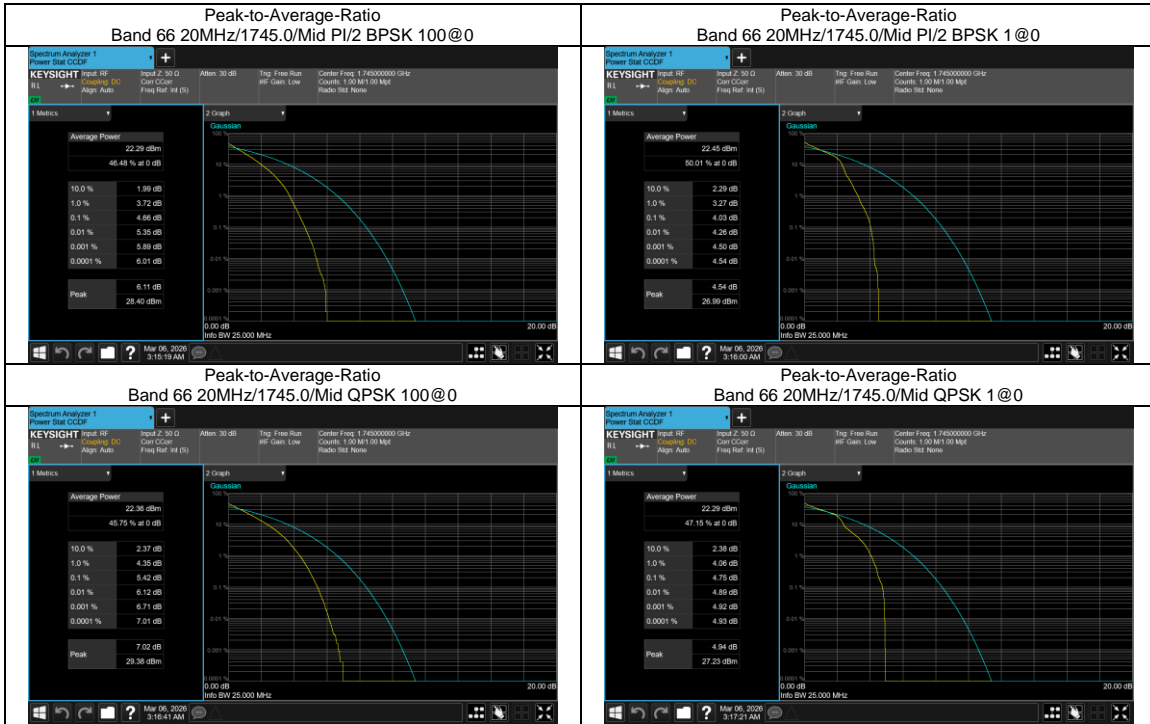
### Peak to Average Ratio

#### Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.66	13
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	4.03	13
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.42	13
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	4.75	13



Test Graphs





### Occupied Bandwidth

#### Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.48	4.906
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.48	4.894
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.3	9.8
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.29	9.783
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.1	14.92
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.12	14.74
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.92	19.73
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.96	19.73
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.76	24.78
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.74	24.64
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.6	29.59
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.61	29.79
66	15	35	349000	1745.0	CP-OFDM QPSK	188@0	33.75	35.01
66	15	35	349000	1745.0	CP-OFDM 16 QAM	188@0	33.68	34.99
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.65	39.9
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.58	39.82



Test Graphs

