FCC RF Test Report

APPLICANT	:	Magne AI Global tech limited
EQUIPMENT	:	MAG1
BRAND NAME	:	MaQ
MODEL NAME	:	MA1
FCC ID	:	2BVCPGC603606
STANDARD	:	47 CFR Part 22(H), 27(L), 27(M), 27(N)
CLASSIFICATION	:	PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S)	:	Mar. 05, 2026 ~ Apr. 16, 2026

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia

ACCREDITED Cert #5145.02

Sporton International Inc. (Kunshan)
No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG612311F	Rev. 01	Initial issue of report	Apr. 16, 2026

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	Reporting Only	PASS	-
	§22.913(a)(5)	Effective Radiated Power (5G NR n5)	ERP < 7 Watt		
	§27.50(c)(10)	Effective Radiated Power (5G NR n71)	ERP < 3 Watt		
	§27.50(h)(2)	Equivalent Isotropic Radiated Power (5G NR n7, n41, n38)	EIRP < 2Watt		
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (5G NR n66)	EIRP < 1Watt		
3.5	N/A	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	Reporting Only	PASS	-
3.7	§2.1051 §22.917(a) §27.53(h) §27.53(g)	Conducted Band Edge Measurement (5G NR n5) (5G NR n66) (5G NR n71)	< 43+10log10(P[Watts])	PASS	-
	§27.53(m)(4)	Conducted Band Edge Measurement (5G NR n7, n41, n38)	§27.53(m)(4)		
3.8	§2.1051 §22.917(a) §27.53(h) §27.53(g)	Conducted Spurious Emission (5G NR n5) (5G NR n66) (5G NR n71)	< 43+10log10(P[Watts])	PASS	-
	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (5G NR n7, n41, n38)	< 55+10log$_{10}$(P[Watts])		
3.9	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	-
	§27.54		Within Authorized Band		
4.4	§2.1051 §22.917(a) §27.53(h) §27.53(g)	Conducted Spurious Emission (5G NR n5) (5G NR n66) (5G NR n71)	< 43+10log$_{10}$(P[Watts])	PASS	Under limit 15.04 dB at 10048.00 MHz
	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (5G NR n7, n41, n38)	< 55+10log$_{10}$(P[Watts])		

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

1 General Description

1.1 Applicant

Magne AI Global tech limited
FLAT 1019B,10/F,LIVEN HOUSE,NO.61-63 KING YIP STREET KWUN TONG HK

1.2 Manufacturer

FIH Precision Electronics(Lang Fang)Co.,Ltd.
No. 18 Furao Road, Longhe High tech Industrial Development Zone, Anci District, Langfang City, Hebei Province

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	MAG1
Brand Name	MaQ
Model Name	MA1
FCC ID	2BVCPGC603606
IMEI Code	Conducted : 016813000000057/016813000000065 Radiation : 016813000003457
EUT Stage	Production Unit

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	5G NR n5 : 824 MHz ~ 849 MHz 5G NR n7 : 2500 MHz ~ 2570 MHz 5G NR n38 : 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n66 : 1710 MHz ~ 1780 MHz 5G NR n71: 663 MHz ~ 698 MHz
Rx Frequency	5G NR n5 : 869 MHz ~ 894 MHz 5G NR n7 : 2620 MHz ~ 2690 MHz 5G NR n38: 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n66 : 2110 MHz~ 2200 MHz 5G NR n71: 617 MHz ~ 652 MHz
Bandwidth	n5 : 5MHz / 10MHz / 15MHz / 20MHz n7 : 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30 MHz / 35 MHz / 40 MHz / 50MHz n38 : 10MHz / 15MHz / 20MHz / 25MHz / 30 MHz / 40MHz n41 : 10MHz / 15MHz / 20MHz / 25MHz / 30 MHz / 35 MHz / 40 MHz / 45MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz n66: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30 MHz / 35 MHz / 40 MHz n71: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30 MHz / 35 MHz
SCS	15kHz for n5.n7.n66.n71, 30kHz for n38.n41
Antenna Gain	**<Ant. 0>:** n5 / n7: -4.0 dBi n71: -8.0 dBi **<Ant. 3>:** n38 / n41: -6.0 dBi **<Ant. 4>:** n38 / n41 / n66: -4.0 dBi
Type of Modulation	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

Remark:

1. The maximum EIRP is calculated from max output power and max antenna gain, only the maximum EIRP are shown in the report, 5G NR n5/n7/n71 for Ant. 0 and n38/n41/n66 for Ant. 4.
2. For 5G NR n38/n41, only the test data of Ant.4 is showed in the report according to the maximum conducted power for conducted test items
3. 5G NR support SA(n5/n7/n66/n38/n41) mode and NSA(n66) mode. According to the maximum power between SA and NSA mode, SA covers NSA mode for n66.
4. The device supports HPUE(PC2) mode for n38/41
5. All the supported ENDC combinations are verified conducted power, only the ENDC combination with highest power are shown in the report.
6. The EN-DC mode combination could be referred to the product spec.

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Maximum ERP/EIRP and Emission Designator

5G NR n5		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	826.5 ~ 846.5	0.0600	4M47G7D	0.0528	4M47W7D
10	829.0 ~ 844.0	0.0593	9M28G7D	0.0552	9M29W7D
15	831.5 ~ 841.5	0.0596	14M1G7D	0.0511	14M1W7D
20	834.0 ~ 839.0	0.0608	19M0G7D	0.0452	19M0W7D

5G NR n7		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2502.5 ~ 2567.5	0.1186	4M47G7D	0.1019	4M48W7D
10	2505.0 ~ 2565.0	0.1153	9M28G7D	0.1007	9M30W7D
15	2507.5 ~ 2562.5	0.1127	14M1G7D	0.1079	14M2W7D
20	2510.0 ~ 2560.0	0.1132	18M9G7D	0.1084	18M9W7D
25	2512.5 ~ 2557.5	0.1138	23M7G7D	0.1030	23M6W7D
30	2515.0 ~ 2555.0	0.1156	28M6G7D	0.1072	28M6W7D
35	2517.5 ~ 2552.5	0.1156	33M8G7D	0.1086	33M7W7D
40	2520.0 ~ 2550.0	0.1125	38M7G7D	0.1114	38M6W7D
50	2525.0 ~ 2545.0	0.1183	48M2G7D	0.1072	48M1W7D

5G NR n38 – SCS 30k		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10	2575.0 ~ 2615.0	0.1236	8M60G7D	0.1205	8M60W7D
15	2577.5 ~ 2612.5	0.1219	13M6G7D	0.1265	13M6W7D
20	2580.0 ~ 2610.0	0.1242	18M2G7D	0.1189	18M2W7D
25	2582.5 ~ 2607.5	0.1239	23M1G7D	0.1219	23M2W7D
30	2585.0 ~ 2605.0	0.1236	27M9G7D	0.1233	27M9W7D
40	2590.0 ~ 2600.0	0.1265	37M9G7D	0.1268	37M9W7D

5G NR n66		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	1712.5 ~ 1777.5	0.0959	4M48G7D	0.0916	4M48W7D
10	1715.0 ~ 1775.0	0.0957	9M30G7D	0.0918	9M29W7D
15	1717.5 ~ 1772.5	0.1026	14M1G7D	0.0857	14M1W7D
20	1720.0 ~ 1770.0	0.0998	18M9G7D	0.0923	19M0W7D
25	1722.5 ~ 1767.5	0.0938	23M8G7D	0.0955	23M7W7D
30	1725.0 ~ 1765.0	0.0968	28M6G7D	0.0897	28M6W7D
35	1727.5 ~ 1762.5	0.0973	33M8G7D	0.0925	33M7W7D
40	1730.0 ~ 1760.0	0.0986	38M7G7D	0.0912	38M6W7D

5G NR n41 – SCS 30k		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10	2501.01 ~ 2685.00	0.1355	8M60G7D	0.1138	8M60W7D
15	2503.50 ~ 2682.48	0.1337	13M6G7D	0.1030	13M6W7D
20	2506.02 ~ 2679.99	0.1377	18M2G7D	0.1125	18M2W7D
25	2508.51 ~ 2677.50	0.1365	23M1G7D	0.1059	23M2W7D
30	2511.00 ~ 2674.98	0.1377	27M9G7D	0.1054	27M9W7D
35	2513.52 ~ 2672.49	0.1387	32M9G7D	0.1054	32M9W7D
40	2516.01 ~ 2670.00	0.1377	37M9G7D	0.1038	37M9W7D
45	2518.50 ~ 2667.48	0.1371	42M5G7D	0.1112	42M7W7D
50	2521.02 ~ 2664.99	0.1349	47M4G7D	0.1038	47M3W7D
60	2526.00 ~ 2659.98	0.1374	57M8G7D	0.1132	57M7W7D
70	2531.01 ~ 2655.00	0.0695	67M9G7D	0.0514	67M8W7D
80	2536.02 ~ 2649.99	0.1429	77M3G7D	0.1059	77M4W7D
90	2541.00 ~ 2644.98	0.1429	87M4G7D	0.1028	87M2W7D
100	2546.01 ~ 2640.00	0.1403	96M9G7D	0.1112	96M9W7D

5G NR n71		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	665.5 ~ 695.5	0.0275	4M48G7D	0.0245	4M48W7D
10	668.0 ~ 693.0	0.0269	9M29G7D	0.0262	9M30W7D
15	670.5 ~ 690.5	0.0263	14M1G7D	0.0268	14M2W7D
20	673.0 ~ 688.0	0.0267	18M9G7D	0.0256	19M0W7D
25	675.5 ~ 685.5	0.0274	23M7G7D	0.0248	23M7W7D
30	678.0 ~ 683.0	0.0251	28M6G7D	0.0241	28M6W7D
35	680.5	0.0264	33M7G7D	0.0227	33M6W7D

Note: All modulations have been tested, only the worst test results of PSK & QAM are shown in the report.

1.7 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	03CH04-KS TH01-KS	CN1257	314309

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	TH01-KS	Tonscend	JS1120-3 test system China_210602	3.3.10
2.	03CH04-KS	AUDIX	E3	210616

1.9 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 22(H), 27(L), 27(M), 27(N)
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

All test items were verified and recorded according to the standards and without any deviation during the test.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane and Z plane) were recorded in this report.

The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.

	X Plane	Y Plane	Z Plane
Orthogonal Planes of EUT			

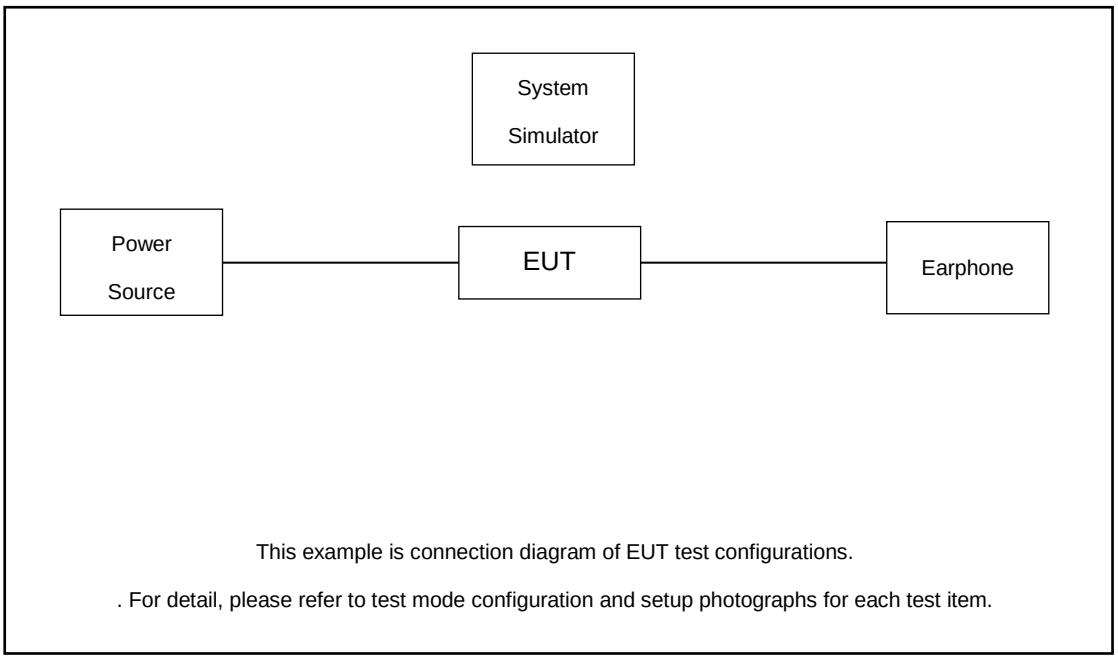
Test Items	5G NR	Bandwidth (MHz)															Modulation					RB #		Test Channel		
		5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	PI/2 BPSK	QPSK	16 QAM	64 QAM	256 QAM	1	Full	L	M	H
Max. Output Power	n5	v	v	v	v	-	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n7	v	v	v	v	v	v	v	v	-	v	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n38	-	v	v	v	v	v	-	v	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n41	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	n66	v	v	v	v	v	v	v	v	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n71	v	v	v	v	v	v	v	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	n5				v	-	-	-	-	-	-	-	-	-	-	-	v	v					v		v	
	n7				v					-		-	-	-	-	-	v	v					v		v	
	n41	-			v												v	v					v		v	
	n66				v					-	-	-	-	-	-	-	v	v					v		v	
	n71				v				-	-	-	-	-	-	-	-	v	v					v		v	
26dB and 99% Bandwidth	n5	v	v	v	v	-	-	-	-	-	-	-	-	-	-	-		v	v				v		v	
	n7	v	v	v	v	v	v	v	v	-	v	-	-	-	-	-		v	v				v		v	
	n41	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v				v		v	
	n66	v	v	v	v	v	v	v	v	-	-	-	-	-	-	-		v	v				v		v	
	n71	v	v	v	v	v	v	v	-	-	-	-	-	-	-	-		v	v				v		v	

Test Items	5G NR	Bandwidth (MHz)															Modulation					RB #		Test Channel		
		5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	PI/2 BPSK	QPSK	16 QAM	64 QAM	256 QAM	1	Full	L	M	H
Conducted Band Edge	n5	v	v		v	-	-	-	-	-	-	-	-	-	-	-	v	v				v	v	v		v
	n7	v				v				-	v	-	-	-	-	-	v	v				v	v	v		v
	n41	-	v								v					v	v	v				v	v	v		v
	n66	v			v				v	-	-	-	-	-	-	-	v	v				v	v	v		v
	n71	v			v		v		-	-	-	-	-	-	-	-	v	v				v	v	v		v
Conducted Spurious Emission	n5	v	v		v	-	-	-	-	-	-	-	-	-	-	-	v					v		v	v	v
	n7	v				v				-	v	-	-	-	-	-	v					v		v	v	v
	n41	-	v								v					v	v					v		v	v	v
	n66	v			v				v	-	-	-	-	-	-	-	v					v		v	v	v
	n71	v			v		v		-	-	-	-	-	-	-	-	v					v		v	v	v
Frequency Stability	n5				v	-	-	-	-	-	-	-	-	-	-	-		v				v			v	
	n7				v					-		-	-	-	-	-		v				v			v	
	n41	-			v													v				v			v	
	n66				v					-	-	-	-	-	-	-		v				v			v	
	n71				v				-	-	-	-	-	-	-	-		v				v			v	
E.R.P / E.I.R.P	n5	v	v	v	v	-	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n7	v	v	v	v	v	v	v	v	-	v	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n38	-	v	v	v	v	v	-	v	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n41	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	n66	v	v	v	v	v	v	v	v	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n71	v	v	v	v	v	v	v	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	n5	Worst Case																							v	
	n7	Worst Case																							v	
	n41	Worst Case																							v	
	n66	Worst Case																							v	
	n71	Worst Case																							v	

Note

1. The mark "**v** " means that this configuration is chosen for testing
2. The mark "-" means that this bandwidth is not supported.
3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.
4. Frequency Stability : Normal Voltage = 3.87V ; Low Voltage =3.50V. ; High Voltage =4.45V

2.2 Connection Diagram of Test System



The EUT has been configuration operated in a manner tended to maximize its emission characteristics in a typical application.

2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	DC Power Supply	GW	GPS-3030D	N/A	N/A	Unshielded, 1.8 m
2.	LTE Base Station	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	NR Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
4.	Earphone	N/A	N/A	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.6 dB and 10dB attenuator.

Example :

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.6 + 10 = 14.6 (dB)

2.5 Frequency List of Low/Middle/High Channels

5G NR n5 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	166800	167300	167800
	Frequency	834	836.5	839
15	Channel	166300	167300	168300
	Frequency	831.5	836.5	841.5
10	Channel	165800	167300	168800
	Frequency	829	836.5	844
5	Channel	165300	167300	169300
	Frequency	826.5	836.5	846.5

5G NR n7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
50	Channel	505000	507000	509000
	Frequency	2525	2535	2545
40	Channel	504000	507000	510000
	Frequency	2520	2535	2550
35	Channel	503500	507000	501500
	Frequency	2517.5	2535	2552.5
30	Channel	503000	507000	511000
	Frequency	2515	2535	2555
25	Channel	502500	507000	511500
	Frequency	2512.5	2535	2557.5
20	Channel	502000	507000	512000
	Frequency	2510	2535	2560
15	Channel	501500	507000	512500
	Frequency	2507.5	2535	2562.5
10	Channel	501000	507000	513000
	Frequency	2505	2535	2565
5	Channel	500500	507000	513500
	Frequency	2502.5	2535	2567.5

5G NR n38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	518000	519000	520000
	Frequency	2590	2595	2600
30	Channel	517000	519000	521000
	Frequency	2585	2595	2605
25	Channel	516500	519000	521500
	Frequency	2582.5	2595	2607.5
20	Channel	516000	519000	522000
	Frequency	2580	2595	2610
15	Channel	515500	519000	522500
	Frequency	2577.5	2595	2612.5
10	Channel	515000	519000	523000
	Frequency	2575	2595	2615

5G NR n41 Channel and Frequency List for SCS 30k				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
100	Channel	509202	518598	528000
	Frequency	2546.01	2592.99	2640
90	Channel	508200	518598	528996
	Frequency	2541	2592.99	2644.98
80	Channel	507204	518598	529998
	Frequency	2536.02	2592.99	2649.99
70	Channel	506202	518598	531000
	Frequency	2531.01	2592.99	2655
60	Channel	505200	518598	531996
	Frequency	2526	2592.99	2659.98
50	Channel	504204	518598	532998
	Frequency	2521.02	2592.99	2664.99
45	Channel	503700	518598	533496
	Frequency	2518.5	2592.99	2667.48
40	Channel	503202	518598	534000
	Frequency	2516.01	2592.99	2670
35	Channel	502704	518598	534498
	Frequency	2513.52	2592.99	2672.49
30	Channel	502200	518598	534996
	Frequency	2511	2592.99	2674.98
25	Channel	501702	518598	535500
	Frequency	2508.51	2592.99	2677.5
20	Channel	501204	518598	535998
	Frequency	2506.02	2592.99	2679.99
15	Channel	500700	518598	536496
	Frequency	2503.5	2592.99	2682.48
10	Channel	500202	518598	537000
	Frequency	2501.01	2592.99	2685

5G NR n66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	346000	349000	352000
	Frequency	1730	1745	1760
35	Channel	345500	349000	352500
	Frequency	1727.5	1745	1762.5
30	Channel	345000	349000	353000
	Frequency	1725	1745	1765
25	Channel	344500	349000	353500
	Frequency	1722.5	1745	1767.5
20	Channel	344000	349000	354000
	Frequency	1720	1745	1770
15	Channel	343500	349000	354500
	Frequency	1717.5	1745	1772.5
10	Channel	343000	349000	355000
	Frequency	1715	1745	1775
5	Channel	342500	349000	355500
	Frequency	1712.5	1745	1777.5

5G NR n71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
35	Channel	-	136100	-
	Frequency	-	680.5	-
30	Channel	135600	136100	136600
	Frequency	678.0	680.5	683.0
25	Channel	135100	136100	137100
	Frequency	675.5	680.5	685.5
20	Channel	134600	136100	137600
	Frequency	673	680.5	688
15	Channel	134100	136100	138100
	Frequency	670.5	680.5	690.5
10	Channel	133600	136100	138600
	Frequency	668	680.5	693
5	Channel	133100	136100	139100
	Frequency	665.5	680.5	695.5

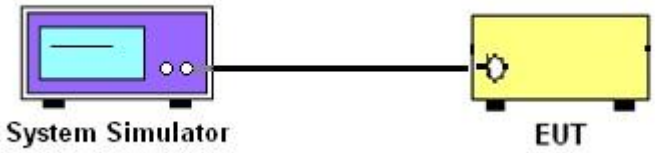
3 Conducted Test Items

3.1 Measuring Instruments

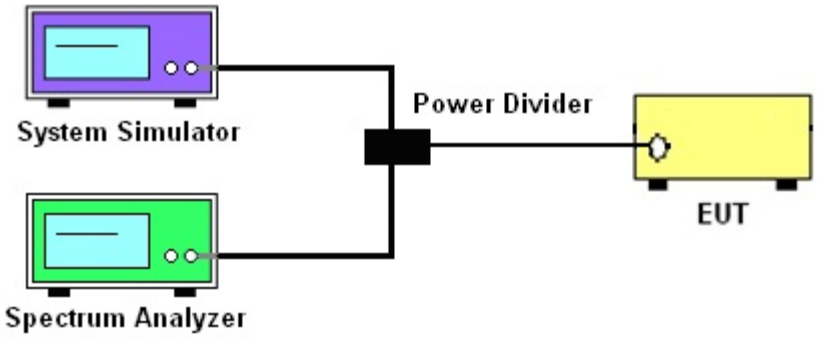
See list of measuring instruments of this test report.

3.2 Test Setup

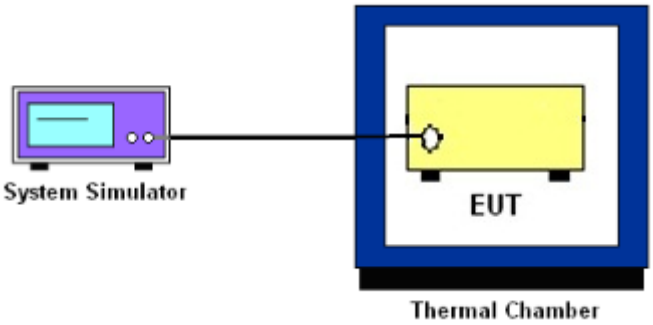
3.2.1 Conducted Output Power



3.2.2 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge and Conducted Spurious Emission



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power

3.4.1 Description of the Conducted Output Power Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for 5G NR n5.

The ERP of mobile transmitters must not exceed 3 Watts for 5G NR n71.

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n7, n38, n41.

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n66.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T – L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.5.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2.3.4 (CCDF).
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
5. Record the deviation as Peak to Average Ratio.

3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace. (this is the reference value)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “–X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (g)

For operations in the 600MHz band and 698 -746 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53(m)(4)

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used or a narrower RBW was used (generally limited to no less than 1% of the OBW) and the measured power was integrated over the full required measurement bandwidth.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.
   Example:
   The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
   = P(W)- [43 + 10log(P)] (dB)
   = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB) = -13dBm.
9. For 5G NR n7/n38/n41, the other 40 dB, and 55 dB have additionally applied same calculation above.
10. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For 5G NR n7/n38/n41:

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10^{th} harmonic.

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.
11. For 5G NR n7/n38/n41
    The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [55+ 10log(P)] (dB)
    = [30+ 10log(P)] (dBm) - [55+ 10log(P)] (dB)
    = -25dBm.

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

3.9.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.9.3 Test Procedures for Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5
2. The EUT was placed in a temperature chamber at 20±5°C and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

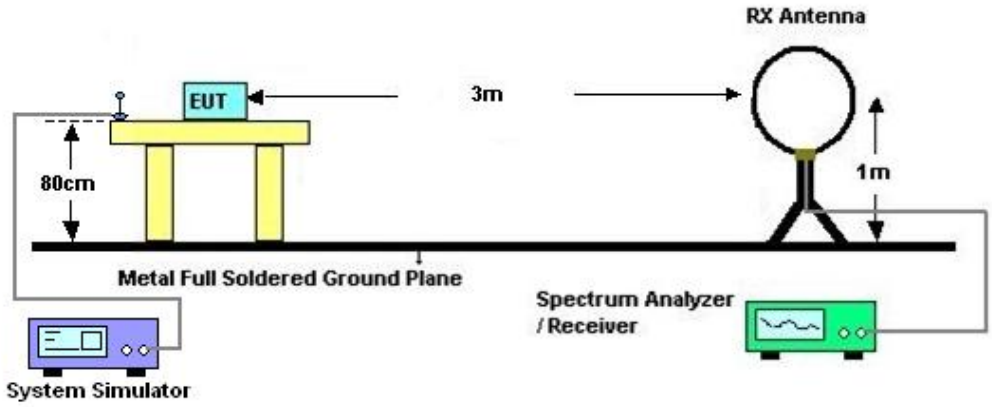
4 Radiated Test Items

4.1 Measuring Instruments

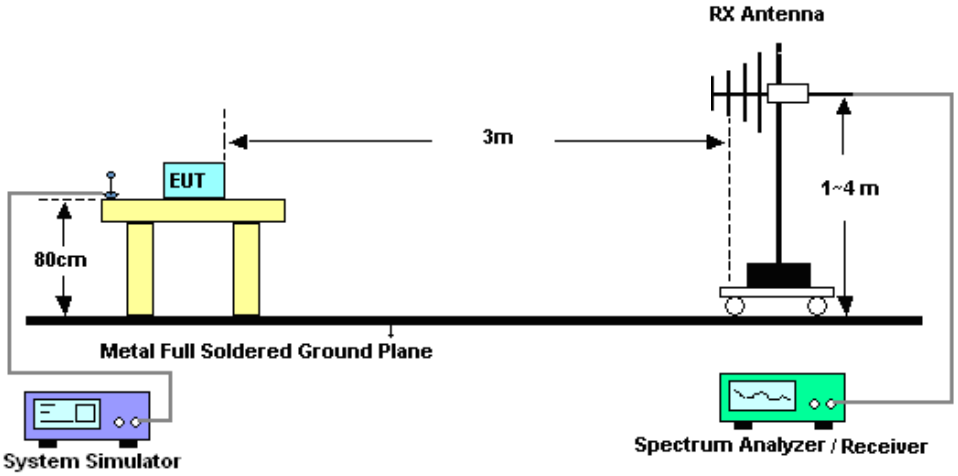
See list of measuring instruments of this test report.

4.2 Test Setup

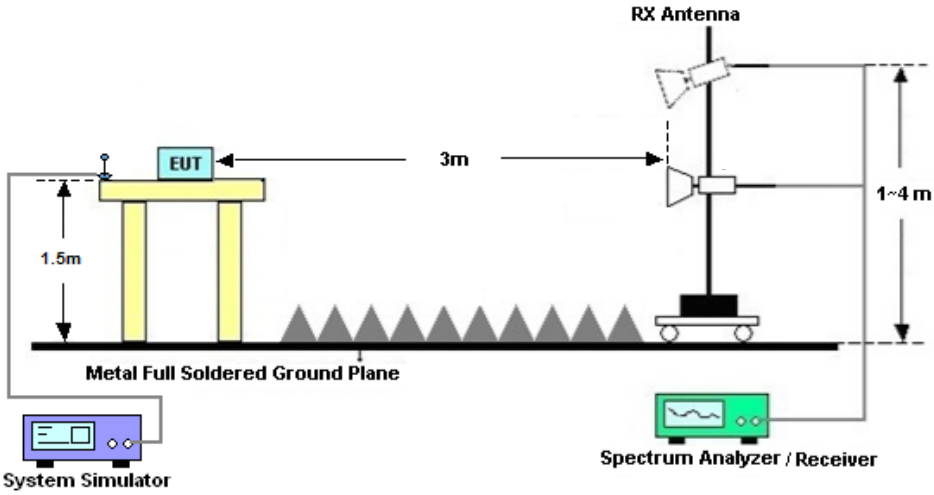
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For 5G NR n7/n38/n41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
11. ERP (dBm) = EIRP - 2.15
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
    The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.
13. For 5G NR n7/n38/n41:
    The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EXA Spectrum Analyzer	Keysight	N9010A	MY55370528	10Hz-44G,MAX 30dB	Oct. 10, 2025	Mar. 15, 2026	Oct. 09, 2026	Radiation (03CH04-KS)
Active loop antenna	R&S	HFH2-Z2E	101125	9kHz~30MHz	Aug. 10, 2025	Mar. 15, 2026	Aug. 09, 2026	Radiation (03CH04-KS)
Bilog Antenna	TeseQ	CBL6111D	44483	30MHz-1GHz	Nov. 22, 2025	Mar. 15, 2026	Nov. 21, 2026	Radiation (03CH04-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00227860	1GHz~18GHz	Aug. 22, 2025	Mar. 15, 2026	Aug. 21, 2026	Radiation (03CH04-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 10, 2026	Mar. 15, 2026	Jan. 09, 2027	Radiation (03CH04-KS)
Amplifier	SONOMA	310N	380826	9KHz-1GHz	Jul. 02, 2025	Mar. 15, 2026	Jul. 01, 2026	Radiation (03CH04-KS)
Amplifier	EM	EM18G40GA	060852	18~40GHz	Dec. 24, 2025	Mar. 15, 2026	Dec. 23, 2026	Radiation (03CH04-KS)
high gain Amplifier	EM	EM01G18GA	060890	1Ghz-18Ghz	May 23, 2025	Mar. 15, 2026	May 22, 2026	Radiation (03CH04-KS)
Amplifier	EM	EM01G18GA	060892	1Ghz-18Ghz	Oct. 11, 2025	Mar. 15, 2026	Oct. 10, 2026	Radiation (03CH04-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Mar. 15, 2026	NCR	Radiation (03CH04-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Mar. 15, 2026	NCR	Radiation (03CH04-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Mar. 15, 2026	NCR	Radiation (03CH04-KS)
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Jul. 07, 2025	Mar. 05, 2026~ Apr. 16, 2026	Jul. 06, 2026	Conducted (TH01-KS)
Power divider	STI	STI08-0055	-	0.5~40GHz	NCR	Mar. 05, 2026~ Apr. 16, 2026	NCR	Conducted (TH01-KS)
Radio communication analyzer	Anritsu	MT8821C	6261806798	2G/3G/LTE band 1-46 ,48,65-70	Jul. 03, 2025	Mar. 05, 2026~ Apr. 16, 2026	Jul. 02, 2026	Conducted (TH01-KS)
Temperature & humidity chamber	Hongzhan	LP-150U	H2014011440	-40~+150°C 20%~95%RH	Jul. 02, 2025	Mar. 05, 2026~ Apr. 16, 2026	Jul. 01, 2026	Conducted (TH01-KS)

NCR: No Calibration Required

6 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Conducted Spurious Emission & Bandedge	**±2.00 dB**
Occupied Channel Bandwidth	**±0.384%**
Conducted Power	**±0.90 dB**
Peak to Average Ratio	**±0.90 dB**
Frequency Stability	**±0.38 ppm**

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.83dB**

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.83dB**

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.82dB**

---------- THE END ----------

Appendix A. Test Results of Conducted Test

Test Engineer :	Simle Wang	**Temperature :**	22~23℃
		Relative Humidity :	40~42%

Software Version: 23.06.1602

FR1 N5_ANT0

Transmitter Conducted Output Power And ERP, (G_T - L_C)= -4.0 dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
5	15	5	165300	826.5	DFT-s-OFDM PI/2 BPSK	1@1	23.87	17.72	0.0592
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	23.93	17.78	0.0600
5	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	23.28	17.13	0.0516
5	15	5	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.85	17.70	0.0589
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	23.91	17.76	0.0597
5	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.10	16.95	0.0495
5	15	5	169300	846.5	DFT-s-OFDM PI/2 BPSK	1@1	23.84	17.69	0.0587
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	23.84	17.69	0.0587
5	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	23.38	17.23	0.0528
5	15	10	165800	829	DFT-s-OFDM PI/2 BPSK	1@1	23.88	17.73	0.0593
5	15	10	165800	829	DFT-s-OFDM QPSK	1@1	23.63	17.48	0.0560
5	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	23.15	17.00	0.0501
5	15	10	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.58	17.43	0.0553
5	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	23.80	17.65	0.0582
5	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.03	16.88	0.0488
5	15	10	168800	844	DFT-s-OFDM PI/2 BPSK	1@1	23.67	17.52	0.0565
5	15	10	168800	844	DFT-s-OFDM QPSK	1@1	23.77	17.62	0.0578
5	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	23.57	17.42	0.0552
5	15	15	166300	831.5	DFT-s-OFDM PI/2 BPSK	1@1	23.66	17.51	0.0564
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	23.90	17.75	0.0596
5	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	23.19	17.04	0.0506
5	15	15	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.63	17.48	0.0560
5	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	23.77	17.62	0.0578
5	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.10	16.95	0.0495
5	15	15	168300	841.5	DFT-s-OFDM PI/2 BPSK	1@1	23.65	17.50	0.0562
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	23.82	17.67	0.0585
5	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	23.23	17.08	0.0511
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	23.99	17.84	0.0608
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@0	23.24	17.09	0.0512
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@104	23.64	17.49	0.0561
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	2@0	23.1	16.95	0.0495
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	50@25	23.47	17.32	0.0540
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	2@104	23.07	16.92	0.0492

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	100@0	23.12	16.97	0.0498
5	15	20	166800	834	DFT-s-OFDM QPSK	1@1	23.64	17.49	0.0561
5	15	20	166800	834	DFT-s-OFDM QPSK	1@0	23.13	16.98	0.0499
5	15	20	166800	834	DFT-s-OFDM QPSK	1@104	23.79	17.64	0.0581
5	15	20	166800	834	DFT-s-OFDM QPSK	2@0	23.13	16.98	0.0499
5	15	20	166800	834	DFT-s-OFDM QPSK	50@25	23.56	17.41	0.0551
5	15	20	166800	834	DFT-s-OFDM QPSK	2@104	23.02	16.87	0.0486
5	15	20	166800	834	DFT-s-OFDM QPSK	100@0	23.12	16.97	0.0498
5	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	22.7	16.55	0.0452
5	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	22.1	15.95	0.0394
5	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	18.26	12.11	0.0163
5	15	20	166800	834	DFT-s-OFDM 16 QAM	100@0	22.32	16.17	0.0414
5	15	20	166800	834	DFT-s-OFDM 64 QAM	100@0	21.57	15.42	0.0348
5	15	20	166800	834	DFT-s-OFDM 256 QAM	100@0	17.22	11.07	0.0128
5	15	20	166800	834	CP-OFDM QPSK	1@1	22.49	16.34	0.0431
5	15	20	166800	834	CP-OFDM 16 QAM	1@1	21.37	15.22	0.0333
5	15	20	166800	834	CP-OFDM 64 QAM	1@1	22.26	16.11	0.0408
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.69	17.54	0.0568
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@0	23.11	16.96	0.0497
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	23.65	17.50	0.0562
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	2@0	23.17	17.02	0.0504
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.62	17.47	0.0558
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	2@104	23.08	16.93	0.0493
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	23.16	17.01	0.0502
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	23.76	17.61	0.0577
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	23.2	17.05	0.0507
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	23.67	17.52	0.0565
5	15	20	167300	836.5	DFT-s-OFDM QPSK	2@0	22.97	16.82	0.0481
5	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	23.73	17.58	0.0573
5	15	20	167300	836.5	DFT-s-OFDM QPSK	2@104	23.06	16.91	0.0491
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	23.19	17.04	0.0506
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.69	16.54	0.0451
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	21.58	15.43	0.0349
5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	17.82	11.67	0.0147
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	100@0	22.26	16.11	0.0408
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	100@0	21.67	15.52	0.0356
5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	100@0	16.76	10.61	0.0115
5	15	20	167300	836.5	CP-OFDM QPSK	1@1	22.33	16.18	0.0415

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
5	15	20	167300	836.5	CP-OFDM 16 QAM	1@1	21.29	15.14	0.0327
5	15	20	167300	836.5	CP-OFDM 64 QAM	1@1	22.05	15.90	0.0389
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	23.53	17.38	0.0547
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@0	22.89	16.74	0.0472
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@104	23.56	17.41	0.0551
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	2@0	23.04	16.89	0.0489
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	50@25	23.6	17.45	0.0556
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	2@104	23	16.85	0.0484
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	100@0	23.11	16.96	0.0497
5	15	20	167800	839	DFT-s-OFDM QPSK	1@1	23.51	17.36	0.0545
5	15	20	167800	839	DFT-s-OFDM QPSK	1@0	23.17	17.02	0.0504
5	15	20	167800	839	DFT-s-OFDM QPSK	1@104	23.58	17.43	0.0553
5	15	20	167800	839	DFT-s-OFDM QPSK	2@0	22.98	16.83	0.0482
5	15	20	167800	839	DFT-s-OFDM QPSK	50@25	23.65	17.50	0.0562
5	15	20	167800	839	DFT-s-OFDM QPSK	2@104	23.06	16.91	0.0491
5	15	20	167800	839	DFT-s-OFDM QPSK	100@0	23.16	17.01	0.0502
5	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	22.5	16.35	0.0432
5	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	21.94	15.79	0.0379
5	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	17.55	11.40	0.0138
5	15	20	167800	839	DFT-s-OFDM 16 QAM	100@0	22.28	16.13	0.0410
5	15	20	167800	839	DFT-s-OFDM 64 QAM	100@0	21.69	15.54	0.0358
5	15	20	167800	839	DFT-s-OFDM 256 QAM	100@0	16.46	10.31	0.0107
5	15	20	167800	839	CP-OFDM QPSK	1@1	22.32	16.17	0.0414
5	15	20	167800	839	CP-OFDM 16 QAM	1@1	21.11	14.96	0.0313
5	15	20	167800	839	CP-OFDM 64 QAM	1@1	22.02	15.87	0.0386

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0029	**PASS**	NV
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0024	**PASS**	LV
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0012	**PASS**	HV
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0015	**PASS**	-10℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0014	**PASS**	0℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0011	**PASS**	10℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0028	**PASS**	20℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0026	**PASS**	30℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0018	**PASS**	40℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0012	**PASS**	50℃

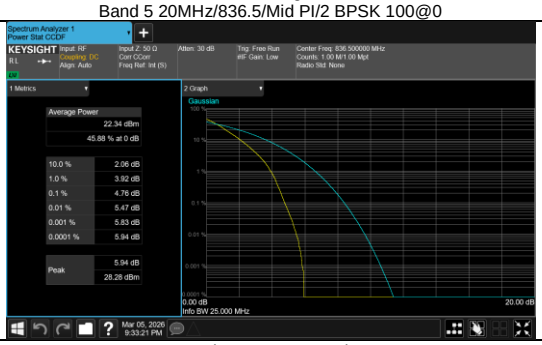
Peak to Average Ratio

Test Result

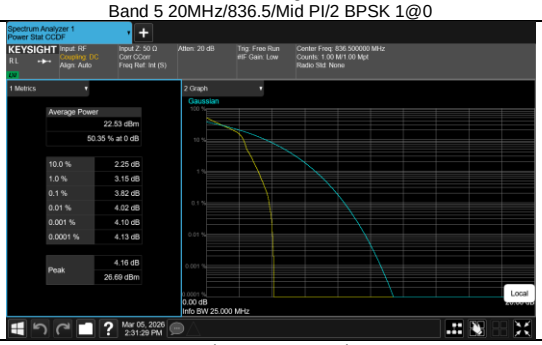
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	4.76	13
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@0	3.82	13
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	5.55	13
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	4.35	13

Test Graphs

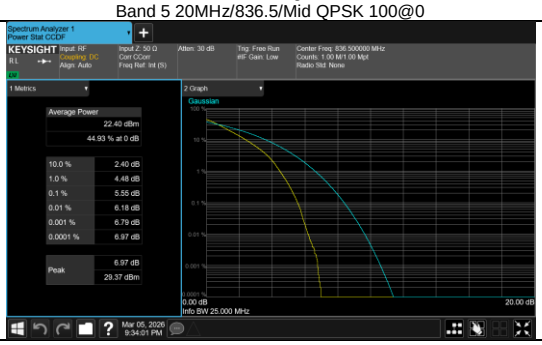
Peak-to-Average-Ratio
Band 5 20MHz/836.5/Mid PI/2 BPSK 100@0



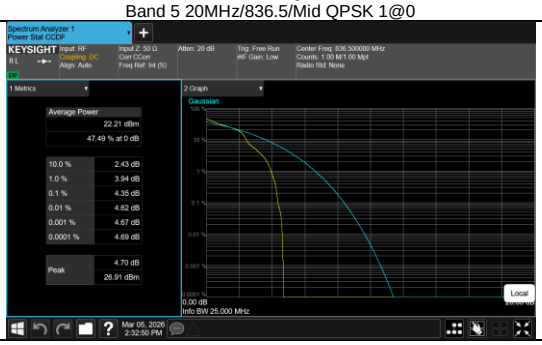
Peak-to-Average-Ratio
Band 5 20MHz/836.5/Mid PI/2 BPSK 1@0



Peak-to-Average-Ratio
Band 5 20MHz/836.5/Mid QPSK 100@0



Peak-to-Average-Ratio
Band 5 20MHz/836.5/Mid QPSK 1@0



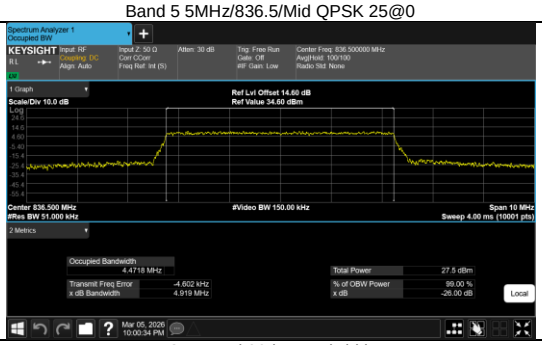
Occupied Bandwidth

Test Result

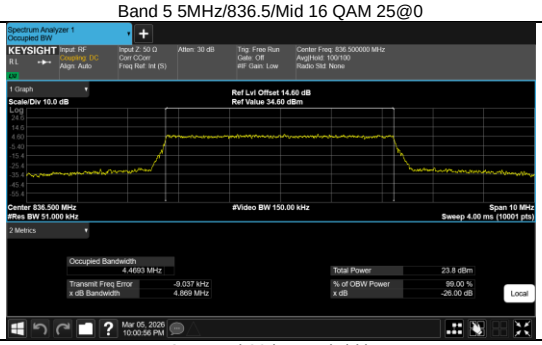
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
5	15	5	167300	836.5	CP-OFDM QPSK	25@0	4.47	4.919
5	15	5	167300	836.5	CP-OFDM 16 QAM	25@0	4.47	4.869
5	15	10	167300	836.5	CP-OFDM QPSK	52@0	9.28	9.825
5	15	10	167300	836.5	CP-OFDM 16 QAM	52@0	9.29	9.813
5	15	15	167300	836.5	CP-OFDM QPSK	79@0	14.1	14.68
5	15	15	167300	836.5	CP-OFDM 16 QAM	79@0	14.11	14.7
5	15	20	167300	836.5	CP-OFDM QPSK	106@0	18.96	19.71
5	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	18.96	19.76

Test Graphs

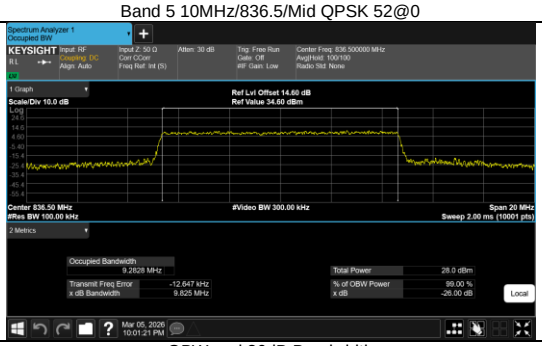
OBW and 26dB Bandwidth
Band 5 5MHz/836.5/Mid QPSK 25@0



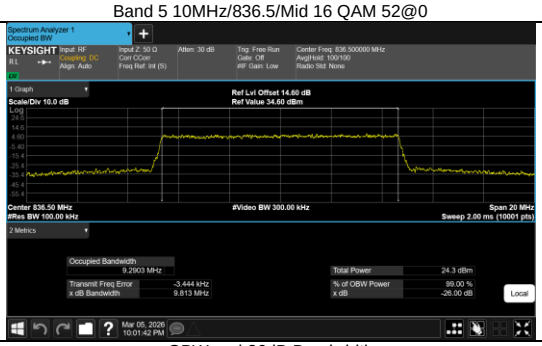
OBW and 26dB Bandwidth
Band 5 5MHz/836.5/Mid 16 QAM 25@0



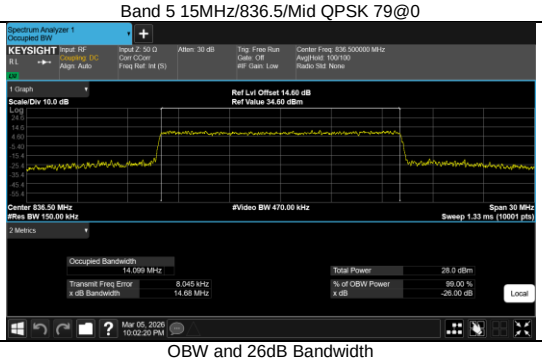
OBW and 26dB Bandwidth
Band 5 10MHz/836.5/Mid QPSK 52@0



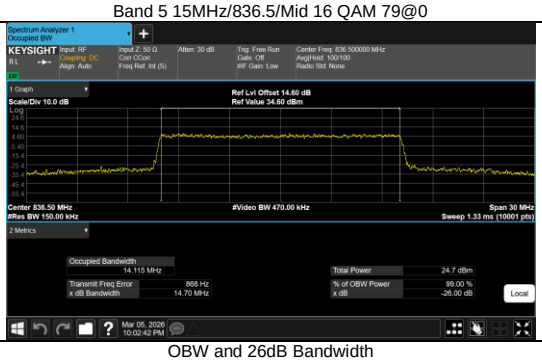
OBW and 26dB Bandwidth
Band 5 10MHz/836.5/Mid 16 QAM 52@0



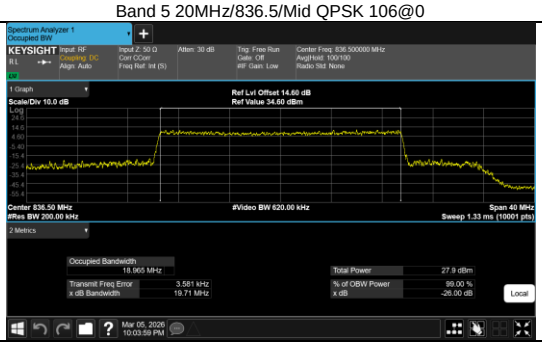
OBW and 26dB Bandwidth
Band 5 15MHz/836.5/Mid QPSK 79@0



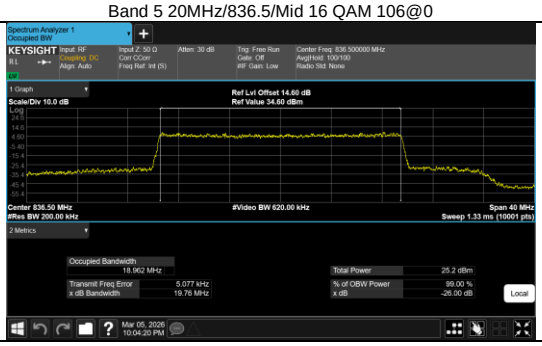
OBW and 26dB Bandwidth
Band 5 15MHz/836.5/Mid 16 QAM 79@0



OBW and 26dB Bandwidth
Band 5 20MHz/836.5/Mid QPSK 106@0



OBW and 26dB Bandwidth
Band 5 20MHz/836.5/Mid 16 QAM 106@0



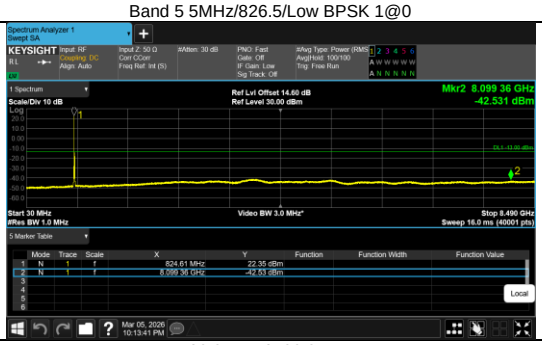
Conducted Spurious Emissions

Test Result

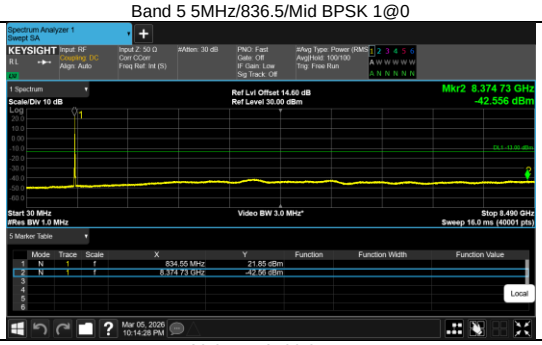
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
5	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
5	15	5	167300	836.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
5	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
5	15	10	167300	836.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
5	15	10	168800	844.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
5	15	20	167300	836.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM BPSK	1@0	See graph	PASS

Test Graphs

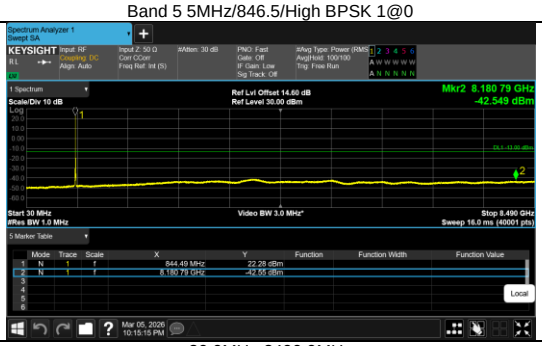
30.0MHz-8490.0MHz
Band 5 5MHz/826.5/Low BPSK 1@0



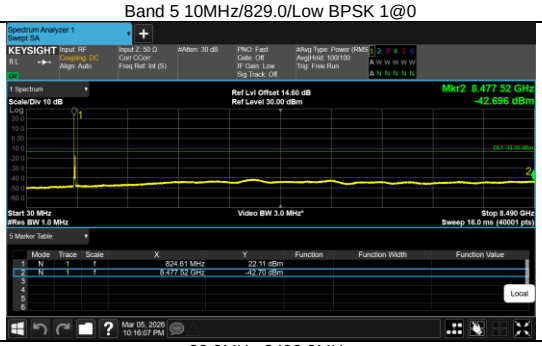
30.0MHz-8490.0MHz
Band 5 5MHz/836.5/Mid BPSK 1@0



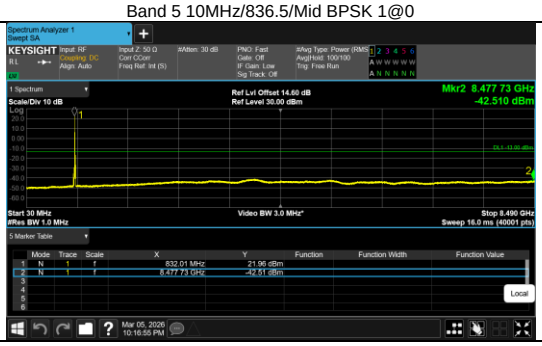
30.0MHz-8490.0MHz
Band 5 5MHz/846.5/High BPSK 1@0



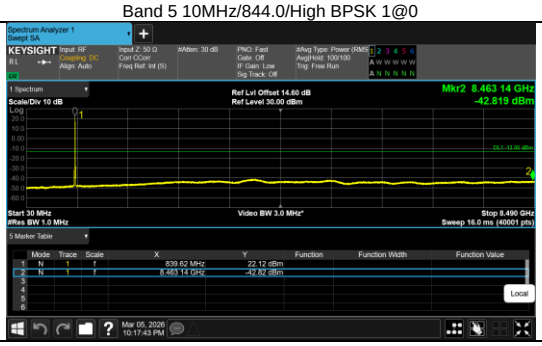
30.0MHz-8490.0MHz
Band 5 10MHz/829.0/Low BPSK 1@0



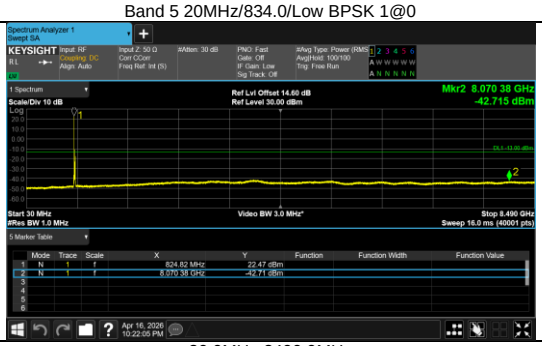
30.0MHz-8490.0MHz
Band 5 10MHz/836.5/Mid BPSK 1@0



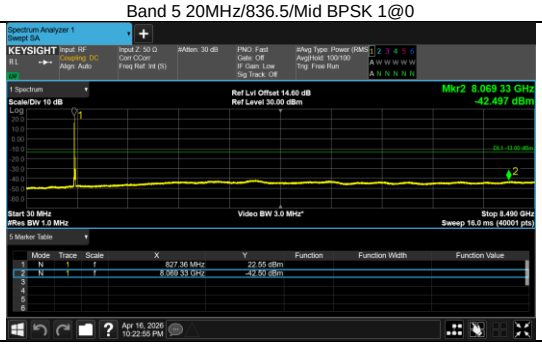
30.0MHz-8490.0MHz
Band 5 10MHz/844.0/High BPSK 1@0



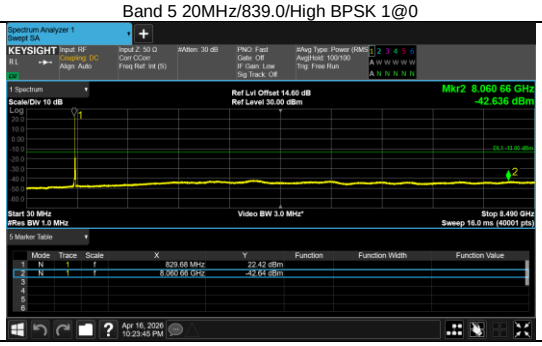
30.0MHz-8490.0MHz
Band 5 20MHz/834.0/Low BPSK 1@0



30.0MHz-8490.0MHz
Band 5 20MHz/836.5/Mid BPSK 1@0



30.0MHz-8490.0MHz
Band 5 20MHz/839.0/High BPSK 1@0



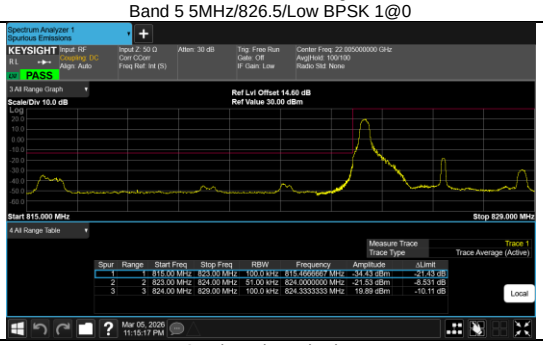
Conducted Band Edge

Test Result

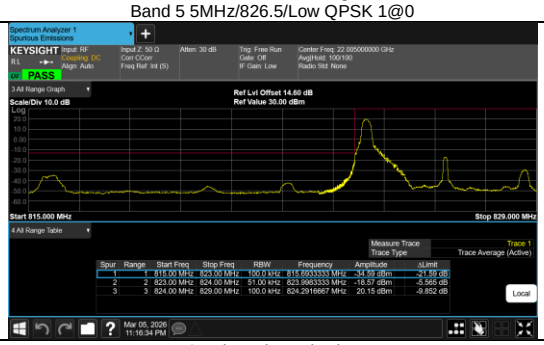
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
5	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
5	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	10	165800	829.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
5	15	10	165800	829.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
5	15	10	168800	844.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
5	15	10	168800	844.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
5	15	10	168800	844.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
5	15	10	168800	844.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	See graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM BPSK	100@0	See graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM QPSK	100@0	See graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM BPSK	1@105	See graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM QPSK	1@105	See graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM BPSK	100@0	See graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM QPSK	100@0	See graph	PASS

Test Graphs

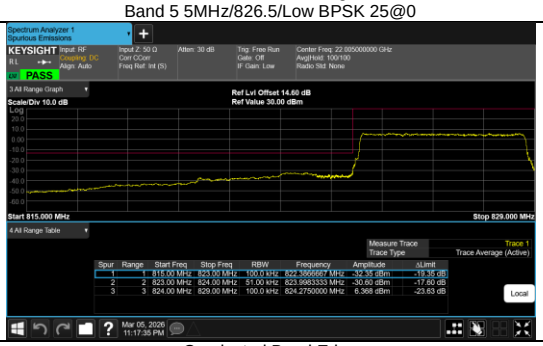
Conducted Band Edge
Band 5 5MHz/826.5/Low BPSK 1@0



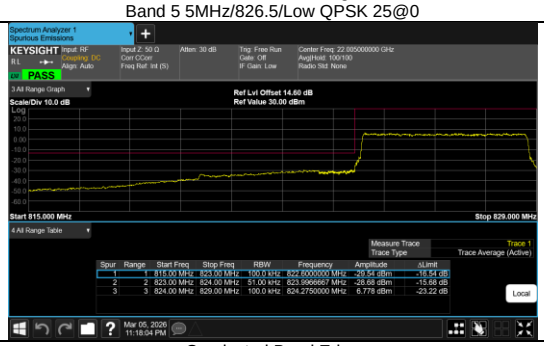
Conducted Band Edge
Band 5 5MHz/826.5/Low QPSK 1@0



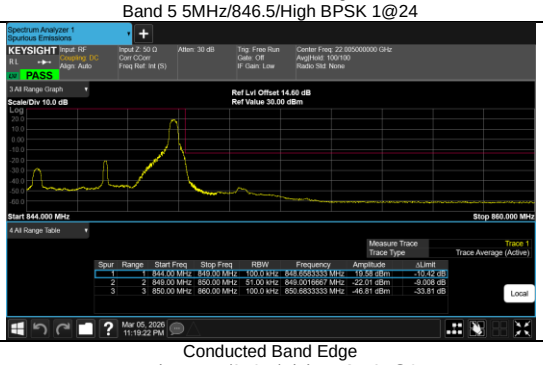
Conducted Band Edge
Band 5 5MHz/826.5/Low BPSK 25@0



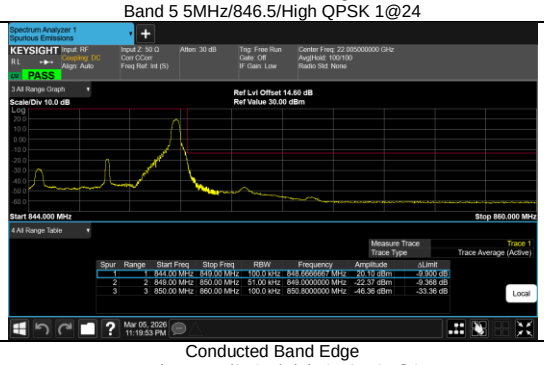
Conducted Band Edge
Band 5 5MHz/826.5/Low QPSK 25@0



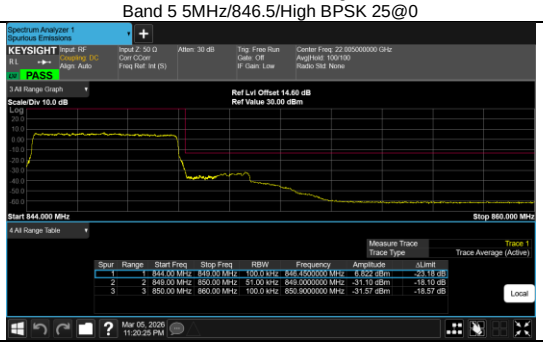
Conducted Band Edge
Band 5 5MHz/846.5/High BPSK 1@24



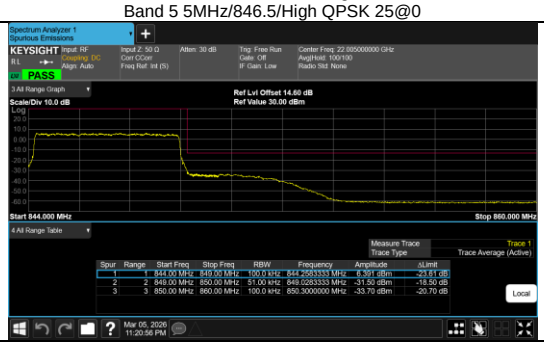
Conducted Band Edge
Band 5 5MHz/846.5/High QPSK 1@24



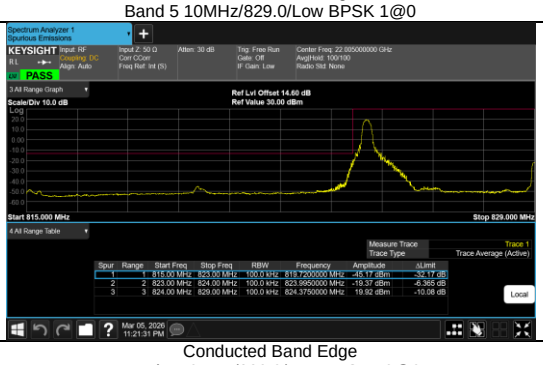
Conducted Band Edge
Band 5 5MHz/846.5/High BPSK 25@0



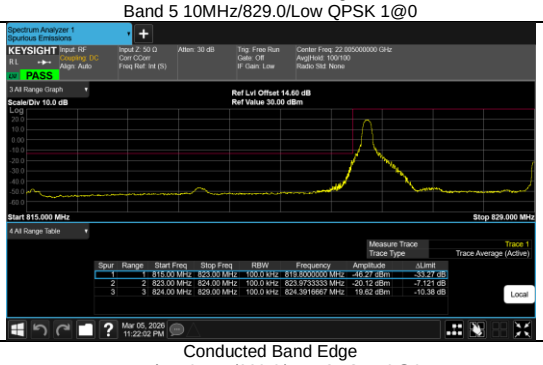
Conducted Band Edge
Band 5 5MHz/846.5/High QPSK 25@0



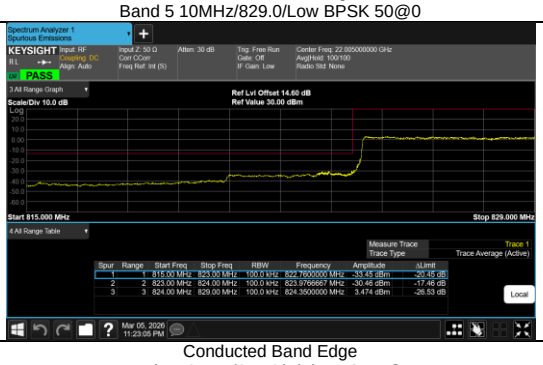
Conducted Band Edge
Band 5 10MHz/829.0/Low BPSK 1@0



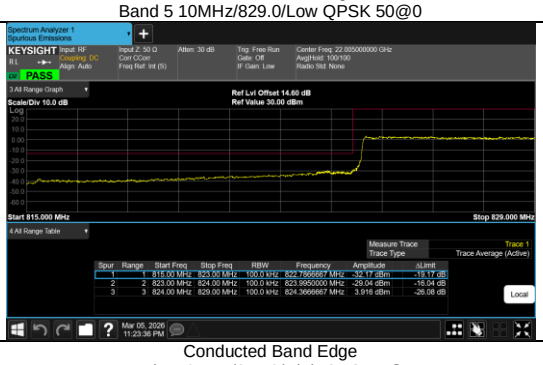
Conducted Band Edge
Band 5 10MHz/829.0/Low QPSK 1@0



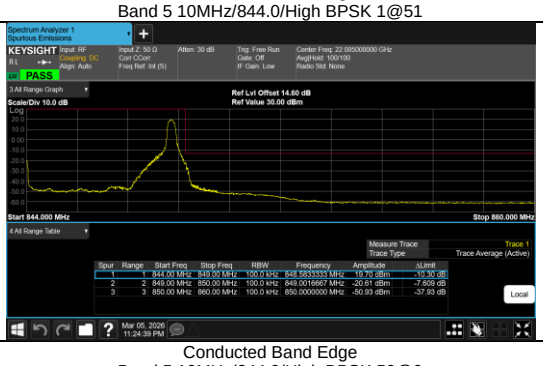
Conducted Band Edge
Band 5 10MHz/829.0/Low BPSK 50@0



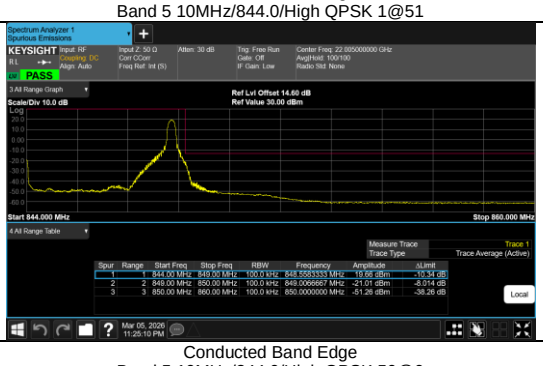
Conducted Band Edge
Band 5 10MHz/829.0/Low QPSK 50@0



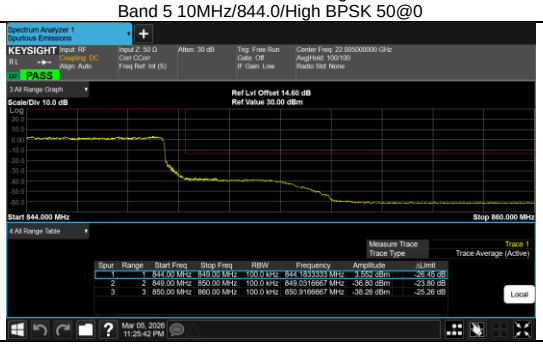
Conducted Band Edge
Band 5 10MHz/844.0/High BPSK 1@51



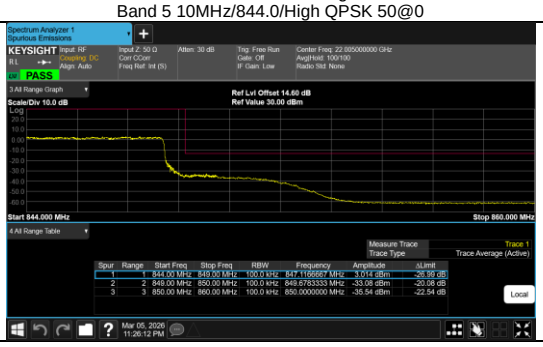
Conducted Band Edge
Band 5 10MHz/844.0/High QPSK 1@51

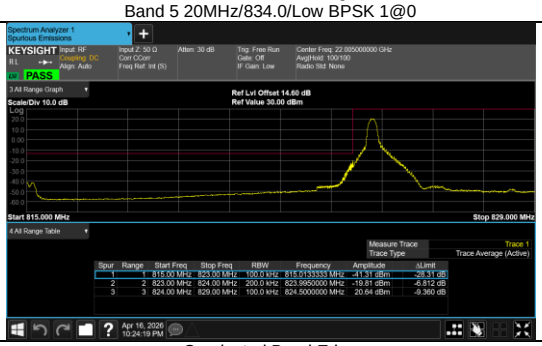
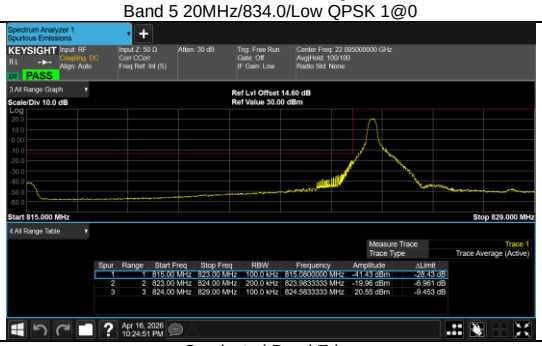
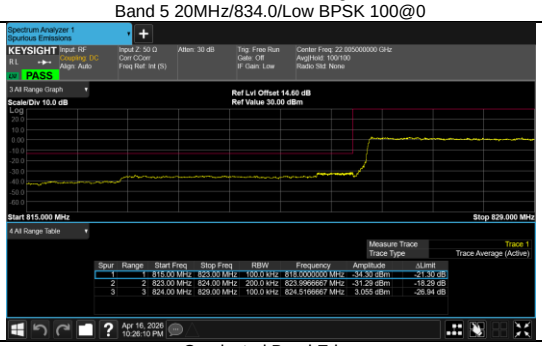
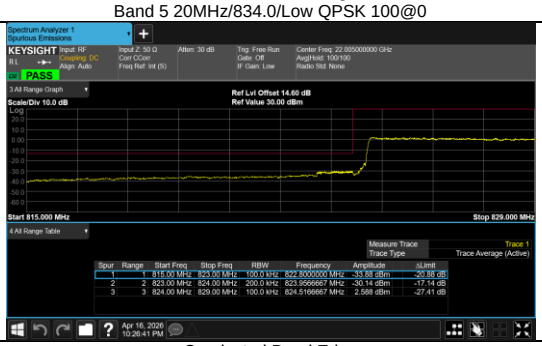
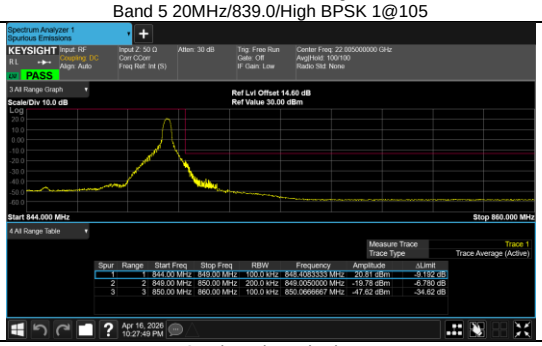
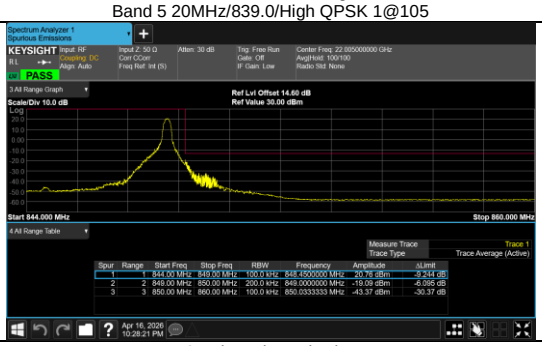
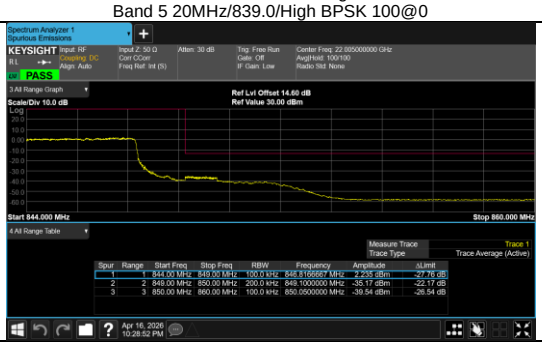
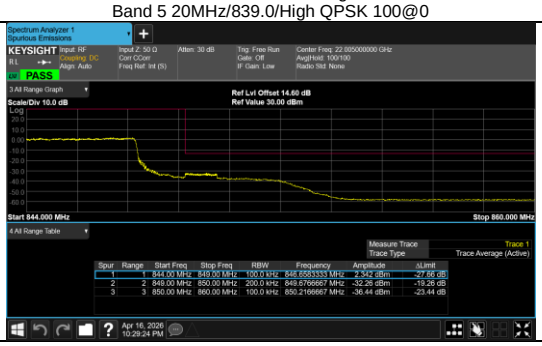


Conducted Band Edge
Band 5 10MHz/844.0/High BPSK 50@0



Conducted Band Edge
Band 5 10MHz/844.0/High QPSK 50@0



Conducted Band Edge Band 5 20MHz/834.0/Low BPSK 1@0	Conducted Band Edge Band 5 20MHz/834.0/Low QPSK 1@0
	
Conducted Band Edge Band 5 20MHz/834.0/Low BPSK 100@0	Conducted Band Edge Band 5 20MHz/834.0/Low QPSK 100@0
	
Conducted Band Edge Band 5 20MHz/839.0/High BPSK 1@105	Conducted Band Edge Band 5 20MHz/839.0/High QPSK 1@105
	
Conducted Band Edge Band 5 20MHz/839.0/High BPSK 100@0	Conducted Band Edge Band 5 20MHz/839.0/High QPSK 100@0
	

Software Version: 23.06.1602

FR1 N7_ANT0

Transmitter Conducted Output Power And EIRP, (G_T - L_C)= -4.0 dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
7	15	5	500500	2502.5	DFT-s-OFDM PI/2 BPSK	1@1	24.49	20.49	0.1119
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@1	24.52	20.52	0.1127
7	15	5	500500	2502.5	DFT-s-OFDM 16 QAM	1@1	23.90	19.90	0.0977
7	15	5	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	24.15	20.15	0.1035
7	15	5	507000	2535	DFT-s-OFDM QPSK	1@1	23.90	19.90	0.0977
7	15	5	507000	2535	DFT-s-OFDM 16 QAM	1@1	24.00	20.00	0.1000
7	15	5	513500	2567.5	DFT-s-OFDM PI/2 BPSK	1@1	24.39	20.39	0.1094
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@1	24.74	20.74	0.1186
7	15	5	513500	2567.5	DFT-s-OFDM 16 QAM	1@1	24.08	20.08	0.1019
7	15	10	501000	2505	DFT-s-OFDM PI/2 BPSK	1@1	24.30	20.30	0.1072
7	15	10	501000	2505	DFT-s-OFDM QPSK	1@1	24.62	20.62	0.1153
7	15	10	501000	2505	DFT-s-OFDM 16 QAM	1@1	24.03	20.03	0.1007
7	15	10	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	24.25	20.25	0.1059
7	15	10	507000	2535	DFT-s-OFDM QPSK	1@1	24.45	20.45	0.1109
7	15	10	507000	2535	DFT-s-OFDM 16 QAM	1@1	23.93	19.93	0.0984
7	15	10	513000	2565	DFT-s-OFDM PI/2 BPSK	1@1	24.39	20.39	0.1094
7	15	10	513000	2565	DFT-s-OFDM QPSK	1@1	24.56	20.56	0.1138
7	15	10	513000	2565	DFT-s-OFDM 16 QAM	1@1	23.95	19.95	0.0989
7	15	15	501500	2507.5	DFT-s-OFDM PI/2 BPSK	1@1	24.35	20.35	0.1084
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	1@1	24.52	20.52	0.1127
7	15	15	501500	2507.5	DFT-s-OFDM 16 QAM	1@1	23.92	19.92	0.0982
7	15	15	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	24.35	20.35	0.1084
7	15	15	507000	2535	DFT-s-OFDM QPSK	1@1	24.33	20.33	0.1079
7	15	15	507000	2535	DFT-s-OFDM 16 QAM	1@1	24.09	20.09	0.1021
7	15	15	512500	2562.5	DFT-s-OFDM PI/2 BPSK	1@1	24.50	20.50	0.1122
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	1@1	24.36	20.36	0.1086
7	15	15	512500	2562.5	DFT-s-OFDM 16 QAM	1@1	24.33	20.33	0.1079
7	15	20	502000	2510	DFT-s-OFDM PI/2 BPSK	1@1	24.40	20.40	0.1096
7	15	20	502000	2510	DFT-s-OFDM QPSK	1@1	24.54	20.54	0.1132
7	15	20	502000	2510	DFT-s-OFDM 16 QAM	1@1	24.09	20.09	0.1021
7	15	20	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	24.23	20.23	0.1054
7	15	20	507000	2535	DFT-s-OFDM QPSK	1@1	24.45	20.45	0.1109
7	15	20	507000	2535	DFT-s-OFDM 16 QAM	1@1	23.77	19.77	0.0948
7	15	20	512000	2560	DFT-s-OFDM PI/2 BPSK	1@1	24.45	20.45	0.1109
7	15	20	512000	2560	DFT-s-OFDM QPSK	1@1	24.38	20.38	0.1091
7	15	20	512000	2560	DFT-s-OFDM 16 QAM	1@1	24.35	20.35	0.1084

7	15	25	502500	2512.5	DFT-s-OFDM PI/2 BPSK	1@1	24.20	20.20	0.1047
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@1	24.36	20.36	0.1086
7	15	25	502500	2512.5	DFT-s-OFDM 16 QAM	1@1	24.13	20.13	0.1030
7	15	25	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	24.44	20.44	0.1107
7	15	25	507000	2535	DFT-s-OFDM QPSK	1@1	24.56	20.56	0.1138
7	15	25	507000	2535	DFT-s-OFDM 16 QAM	1@1	23.88	19.88	0.0973
7	15	25	511500	2557.5	DFT-s-OFDM PI/2 BPSK	1@1	24.22	20.22	0.1052
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@1	24.28	20.28	0.1067
7	15	25	511500	2557.5	DFT-s-OFDM 16 QAM	1@1	24.01	20.01	0.1002
7	15	30	503000	2515	DFT-s-OFDM PI/2 BPSK	1@1	24.38	20.38	0.1091
7	15	30	503000	2515	DFT-s-OFDM QPSK	1@1	24.24	20.24	0.1057
7	15	30	503000	2515	DFT-s-OFDM 16 QAM	1@1	24.22	20.22	0.1052
7	15	30	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	24.32	20.32	0.1076
7	15	30	507000	2535	DFT-s-OFDM QPSK	1@1	24.63	20.63	0.1156
7	15	30	507000	2535	DFT-s-OFDM 16 QAM	1@1	23.84	19.84	0.0964
7	15	30	511000	2555	DFT-s-OFDM PI/2 BPSK	1@1	24.15	20.15	0.1035
7	15	30	511000	2555	DFT-s-OFDM QPSK	1@1	24.51	20.51	0.1125
7	15	30	511000	2555	DFT-s-OFDM 16 QAM	1@1	24.30	20.30	0.1072
7	15	35	503500	2517.5	DFT-s-OFDM PI/2 BPSK	1@1	24.34	20.34	0.1081
7	15	35	503500	2517.5	DFT-s-OFDM QPSK	1@1	24.25	20.25	0.1059
7	15	35	503500	2517.5	DFT-s-OFDM 16 QAM	1@1	24.18	20.18	0.1042
7	15	35	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	24.63	20.63	0.1156
7	15	35	507000	2535	DFT-s-OFDM QPSK	1@1	24.53	20.53	0.1130
7	15	35	507000	2535	DFT-s-OFDM 16 QAM	1@1	24.36	20.36	0.1086
7	15	35	501500	2552.5	DFT-s-OFDM PI/2 BPSK	1@1	24.14	20.14	0.1033
7	15	35	501500	2552.5	DFT-s-OFDM QPSK	1@1	24.01	20.01	0.1002
7	15	35	501500	2552.5	DFT-s-OFDM 16 QAM	1@1	24.33	20.33	0.1079
7	15	40	504000	2520	DFT-s-OFDM PI/2 BPSK	1@1	24.36	20.36	0.1086
7	15	40	504000	2520	DFT-s-OFDM QPSK	1@1	24.20	20.20	0.1047
7	15	40	504000	2520	DFT-s-OFDM 16 QAM	1@1	23.98	19.98	0.0995
7	15	40	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	24.51	20.51	0.1125
7	15	40	507000	2535	DFT-s-OFDM QPSK	1@1	24.38	20.38	0.1091
7	15	40	507000	2535	DFT-s-OFDM 16 QAM	1@1	24.47	20.47	0.1114
7	15	40	510000	2550	DFT-s-OFDM PI/2 BPSK	1@1	24.34	20.34	0.1081
7	15	40	510000	2550	DFT-s-OFDM QPSK	1@1	23.95	19.95	0.0989
7	15	40	510000	2550	DFT-s-OFDM 16 QAM	1@1	24.35	20.35	0.1084
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	1@1	24.29	20.29	0.1069
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	1@0	23.82	19.82	0.0959
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	1@268	24.35	20.35	0.1084
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	2@0	23.95	19.95	0.0989
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	135@67	24.27	20.27	0.1064
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	2@268	23.78	19.78	0.0951

7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	270@0	23.82	19.82	0.0959
7	15	50	505000	2525	DFT-s-OFDM QPSK	1@1	24.48	20.48	0.1117
7	15	50	505000	2525	DFT-s-OFDM QPSK	1@0	24.12	20.12	0.1028
7	15	50	505000	2525	DFT-s-OFDM QPSK	1@268	24.56	20.56	0.1138
7	15	50	505000	2525	DFT-s-OFDM QPSK	2@0	23.83	19.83	0.0962
7	15	50	505000	2525	DFT-s-OFDM QPSK	135@67	24.34	20.34	0.1081
7	15	50	505000	2525	DFT-s-OFDM QPSK	2@268	23.76	19.76	0.0946
7	15	50	505000	2525	DFT-s-OFDM QPSK	270@0	23.89	19.89	0.0975
7	15	50	505000	2525	DFT-s-OFDM 16 QAM	1@1	24.23	20.23	0.1054
7	15	50	505000	2525	DFT-s-OFDM 64 QAM	1@1	23.39	19.39	0.0869
7	15	50	505000	2525	DFT-s-OFDM 256 QAM	1@1	19.53	15.53	0.0357
7	15	50	505000	2525	DFT-s-OFDM 16 QAM	270@0	22.88	18.88	0.0773
7	15	50	505000	2525	DFT-s-OFDM 64 QAM	270@0	22.45	18.45	0.0700
7	15	50	505000	2525	DFT-s-OFDM 256 QAM	270@0	19.34	15.34	0.0342
7	15	50	505000	2525	CP-OFDM QPSK	1@1	23.05	19.05	0.0804
7	15	50	505000	2525	CP-OFDM 16 QAM	1@1	22.63	18.63	0.0729
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	24.41	20.41	0.1099
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	1@0	23.74	19.74	0.0942
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	1@268	24.41	20.41	0.1099
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	2@0	23.98	19.98	0.0995
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	135@67	24.11	20.11	0.1026
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	2@268	23.96	19.96	0.0991
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	270@0	23.77	19.77	0.0948
7	15	50	507000	2535	DFT-s-OFDM QPSK	1@1	24.30	20.30	0.1072
7	15	50	507000	2535	DFT-s-OFDM QPSK	1@0	23.64	19.64	0.0920
7	15	50	507000	2535	DFT-s-OFDM QPSK	1@268	24.37	20.37	0.1089
7	15	50	507000	2535	DFT-s-OFDM QPSK	2@0	23.94	19.94	0.0986
7	15	50	507000	2535	DFT-s-OFDM QPSK	135@67	24.17	20.17	0.1040
7	15	50	507000	2535	DFT-s-OFDM QPSK	2@268	24.11	20.11	0.1026
7	15	50	507000	2535	DFT-s-OFDM QPSK	270@0	23.85	19.85	0.0966
7	15	50	507000	2535	DFT-s-OFDM 16 QAM	1@1	24.30	20.30	0.1072
7	15	50	507000	2535	DFT-s-OFDM 64 QAM	1@1	21.64	17.64	0.0581
7	15	50	507000	2535	DFT-s-OFDM 256 QAM	1@1	19.34	15.34	0.0342
7	15	50	507000	2535	DFT-s-OFDM 16 QAM	270@0	22.90	18.90	0.0776
7	15	50	507000	2535	DFT-s-OFDM 64 QAM	270@0	22.48	18.48	0.0705
7	15	50	507000	2535	DFT-s-OFDM 256 QAM	270@0	19.00	15.00	0.0316
7	15	50	507000	2535	CP-OFDM QPSK	1@1	23.24	19.24	0.0839
7	15	50	507000	2535	CP-OFDM 16 QAM	1@1	22.83	18.83	0.0764
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	1@1	24.40	20.40	0.1096
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	1@0	24.00	20.00	0.1000
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	1@268	24.61	20.61	0.1151
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	2@0	23.99	19.99	0.0998

7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	135@67	24.19	20.19	0.1045
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	2@268	24.15	20.15	0.1035
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	270@0	23.89	19.89	0.0975
7	15	50	509000	2545	DFT-s-OFDM QPSK	1@1	24.73	20.73	0.1183
7	15	50	509000	2545	DFT-s-OFDM QPSK	1@0	24.03	20.03	0.1007
7	15	50	509000	2545	DFT-s-OFDM QPSK	1@268	23.93	19.93	0.0984
7	15	50	509000	2545	DFT-s-OFDM QPSK	2@0	23.92	19.92	0.0982
7	15	50	509000	2545	DFT-s-OFDM QPSK	135@67	24.29	20.29	0.1069
7	15	50	509000	2545	DFT-s-OFDM QPSK	2@268	24.06	20.06	0.1014
7	15	50	509000	2545	DFT-s-OFDM QPSK	270@0	23.97	19.97	0.0993
7	15	50	509000	2545	DFT-s-OFDM 16 QAM	1@1	24.28	20.28	0.1067
7	15	50	509000	2545	DFT-s-OFDM 64 QAM	1@1	23.33	19.33	0.0857
7	15	50	509000	2545	DFT-s-OFDM 256 QAM	1@1	18.42	14.42	0.0277
7	15	50	509000	2545	DFT-s-OFDM 16 QAM	270@0	22.93	18.93	0.0782
7	15	50	509000	2545	DFT-s-OFDM 64 QAM	270@0	22.50	18.50	0.0708
7	15	50	509000	2545	DFT-s-OFDM 256 QAM	270@0	18.47	14.47	0.0280
7	15	50	509000	2545	CP-OFDM QPSK	1@1	23.00	19.00	0.0794
7	15	50	509000	2545	CP-OFDM 16 QAM	1@1	22.96	18.96	0.0787

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
7	15	20	507000	2535.0	DFT-s OFDM QPSK	100@0	0.0009	**PASS**	NV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	**100@0**	0.0006	**PASS**	LV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0003	**PASS**	HV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	**100@0**	0.0000	**PASS**	-30℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0004	**PASS**	-20℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	**100@0**	0.0024	**PASS**	-10℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0012	**PASS**	0℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	**100@0**	0.0016	**PASS**	10℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0014	**PASS**	20℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0013	**PASS**	30℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0021	**PASS**	40℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0015	**PASS**	50℃

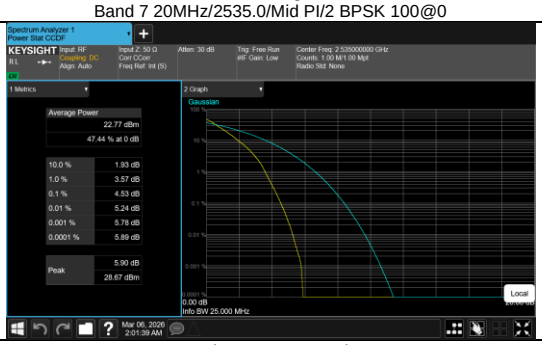
Peak to Average Ratio

Test Result

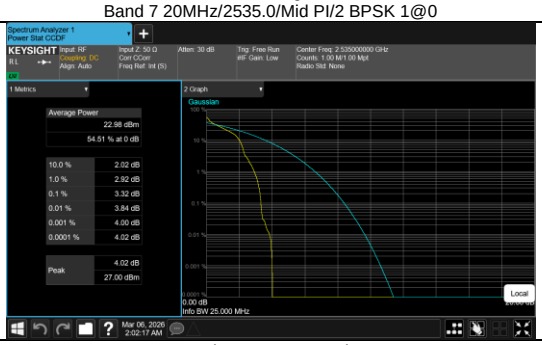
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
7	15	20	507000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	4.53	13
7	15	20	507000	2535.0	DFT-s-OFDM PI/2 BPSK	1@0	3.32	13
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	5.32	13
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	1@0	4.57	13

Test Graphs

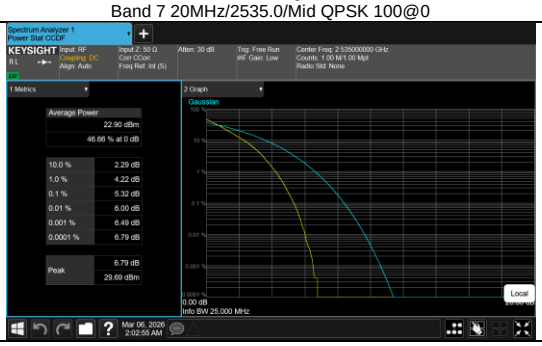
Peak-to-Average-Ratio
Band 7 20MHz/2535.0/Mid PI/2 BPSK 100@0



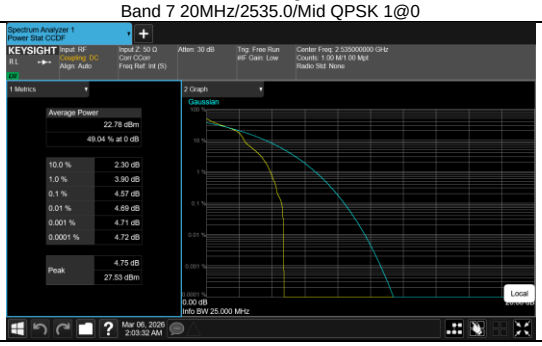
Peak-to-Average-Ratio
Band 7 20MHz/2535.0/Mid PI/2 BPSK 1@0



Peak-to-Average-Ratio
Band 7 20MHz/2535.0/Mid QPSK 100@0



Peak-to-Average-Ratio
Band 7 20MHz/2535.0/Mid QPSK 1@0



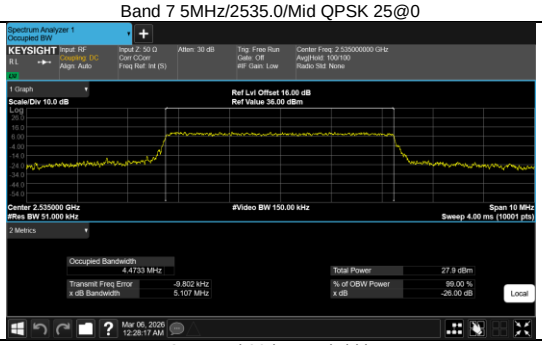
Occupied Bandwidth

Test Result

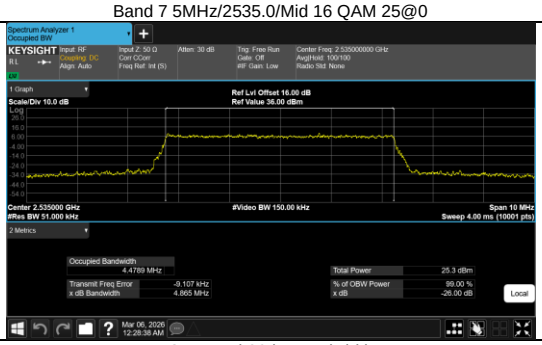
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
7	15	5	507000	2535.0	CP-OFDM QPSK	25@0	4.47	5.107
7	15	5	507000	2535.0	CP-OFDM 16 QAM	25@0	4.48	4.865
7	15	10	507000	2535.0	CP-OFDM QPSK	52@0	9.28	9.887
7	15	10	507000	2535.0	CP-OFDM 16 QAM	52@0	9.3	9.779
7	15	15	507000	2535.0	CP-OFDM QPSK	79@0	14.12	14.84
7	15	15	507000	2535.0	CP-OFDM 16 QAM	79@0	14.16	14.81
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.92	19.76
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	18.94	19.75
7	15	25	507000	2535.0	CP-OFDM QPSK	133@0	23.71	24.73
7	15	25	507000	2535.0	CP-OFDM 16 QAM	133@0	23.64	24.68
7	15	30	507000	2535.0	CP-OFDM QPSK	160@0	28.62	29.52
7	15	30	507000	2535.0	CP-OFDM 16 QAM	160@0	28.59	29.5
7	15	35	507000	2535.0	CP-OFDM QPSK	188@0	33.8	40.9
7	15	35	507000	2535.0	CP-OFDM 16 QAM	188@0	33.74	35.04
7	15	40	507000	2535.0	CP-OFDM QPSK	216@0	38.67	43.9
7	15	40	507000	2535.0	CP-OFDM 16 QAM	216@0	38.59	39.85
7	15	50	507000	2535.0	CP-OFDM QPSK	270@0	48.15	62.66
7	15	50	507000	2535.0	CP-OFDM 16 QAM	270@0	48.12	49.72

Test Graphs

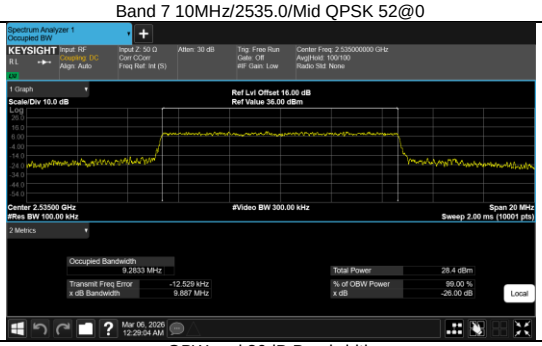
OBW and 26dB Bandwidth
Band 7 5MHz/2535.0/Mid QPSK 25@0



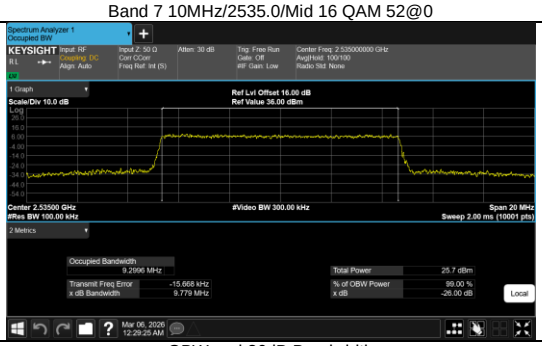
OBW and 26dB Bandwidth
Band 7 5MHz/2535.0/Mid 16 QAM 25@0



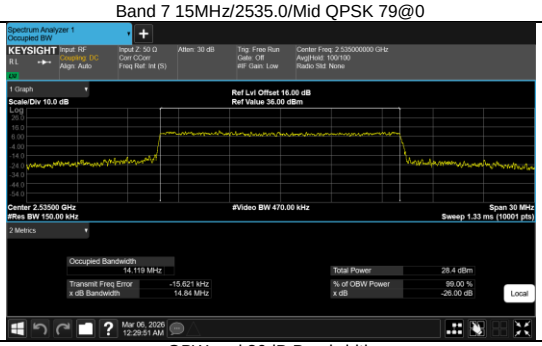
OBW and 26dB Bandwidth
Band 7 10MHz/2535.0/Mid QPSK 52@0



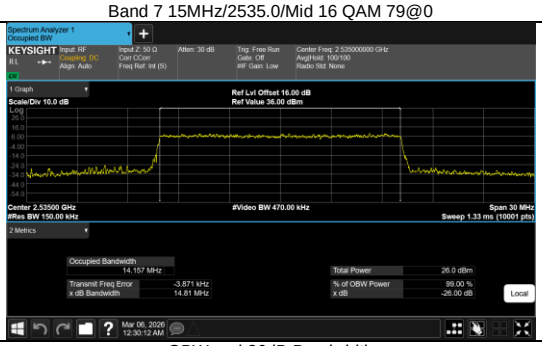
OBW and 26dB Bandwidth
Band 7 10MHz/2535.0/Mid 16 QAM 52@0



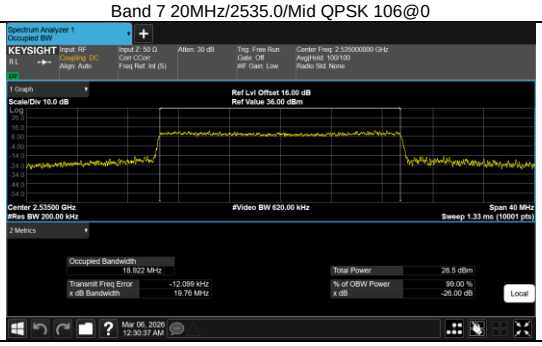
OBW and 26dB Bandwidth
Band 7 15MHz/2535.0/Mid QPSK 79@0



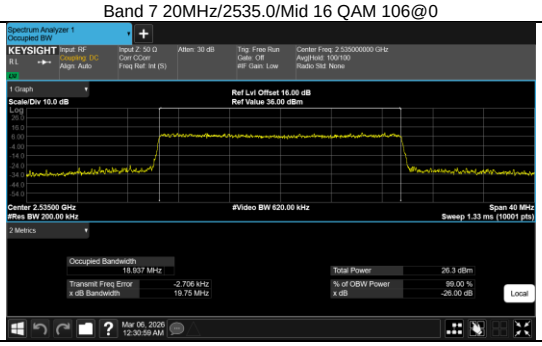
OBW and 26dB Bandwidth
Band 7 15MHz/2535.0/Mid 16 QAM 79@0

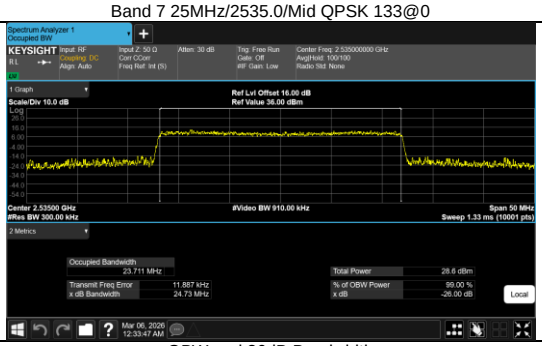
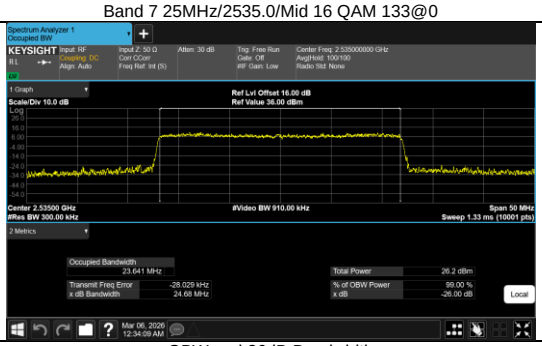
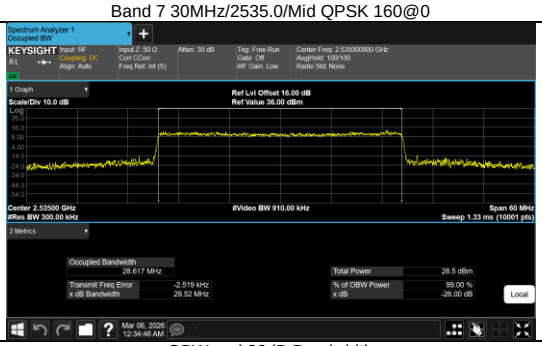
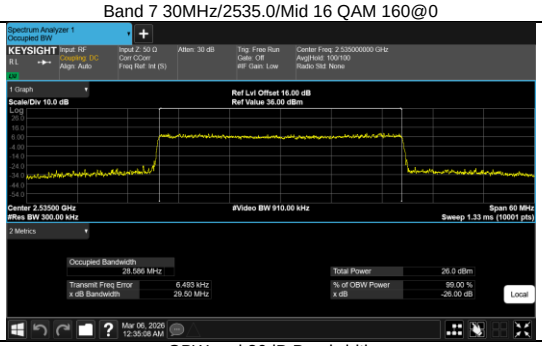
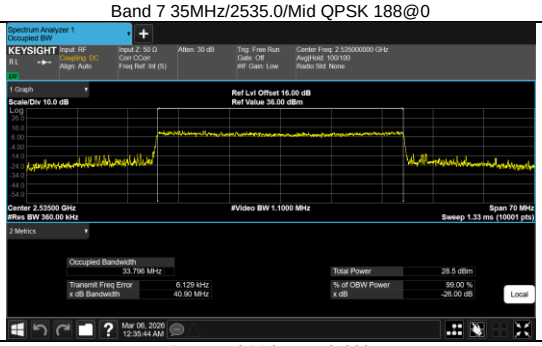
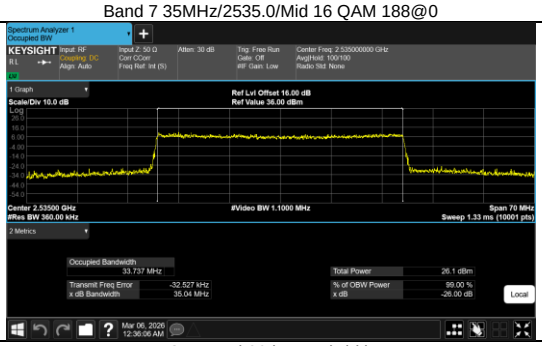
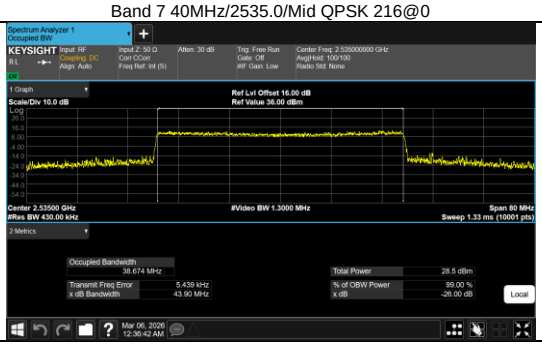
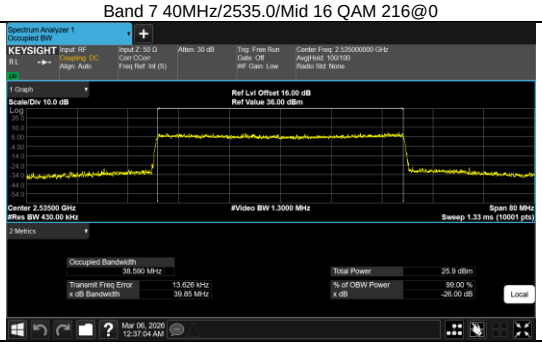


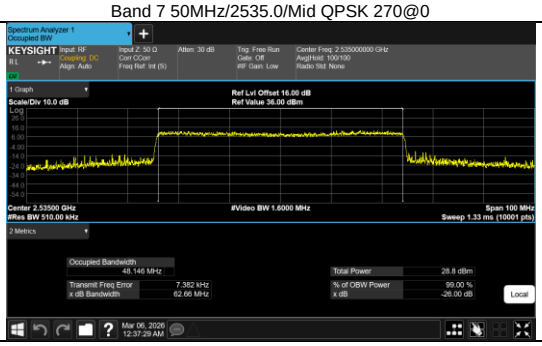
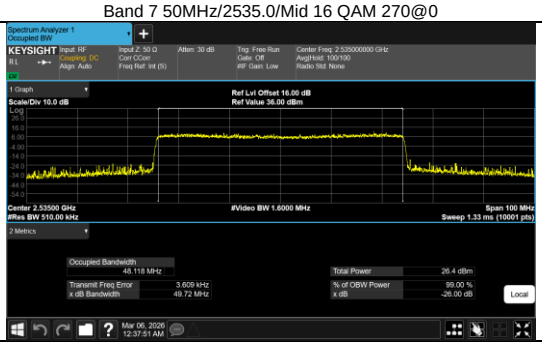
OBW and 26dB Bandwidth
Band 7 20MHz/2535.0/Mid QPSK 106@0



OBW and 26dB Bandwidth
Band 7 20MHz/2535.0/Mid 16 QAM 106@0



OBW and 26dB Bandwidth Band 7 25MHz/2535.0/Mid QPSK 133@0	OBW and 26dB Bandwidth Band 7 25MHz/2535.0/Mid 16 QAM 133@0
	
OBW and 26dB Bandwidth Band 7 30MHz/2535.0/Mid QPSK 160@0	OBW and 26dB Bandwidth Band 7 30MHz/2535.0/Mid 16 QAM 160@0
	
OBW and 26dB Bandwidth Band 7 35MHz/2535.0/Mid QPSK 188@0	OBW and 26dB Bandwidth Band 7 35MHz/2535.0/Mid 16 QAM 188@0
	
OBW and 26dB Bandwidth Band 7 40MHz/2535.0/Mid QPSK 216@0	OBW and 26dB Bandwidth Band 7 40MHz/2535.0/Mid 16 QAM 216@0
	

OBW and 26dB Bandwidth Band 7 50MHz/2535.0/Mid QPSK 270@0	OBW and 26dB Bandwidth Band 7 50MHz/2535.0/Mid 16 QAM 270@0
	

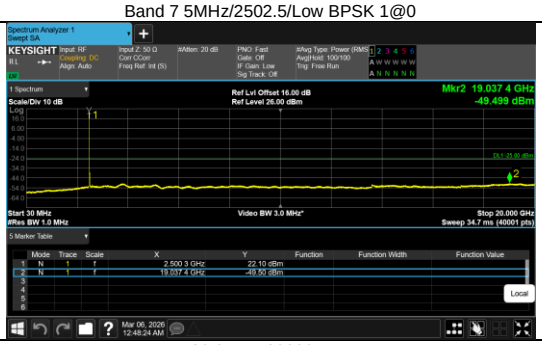
Conducted Spurious Emissions

Test Result

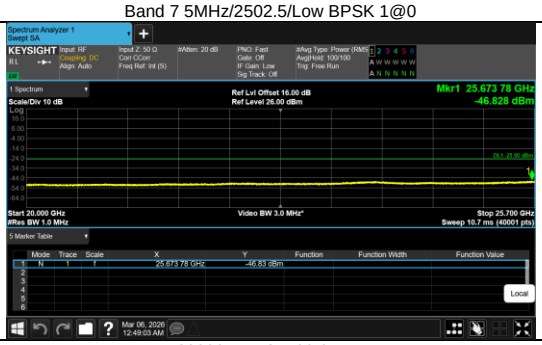
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Freq_Range	Result	Limit	Verdict
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	22.1	-25	---
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	20000MHz-25700.0MHz	-46.828	-25	PASS
7	15	5	507000	2535.0	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	22.134	-25	---
7	15	5	507000	2535.0	DFT-s-OFDM BPSK	1@0	20000MHz-25700.0MHz	-46.804	-25	PASS
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	22.281	-25	---
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@0	20000MHz-25700.0MHz	-46.845	-25	PASS
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	22.904	-25	---
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	1@0	20000MHz-25700.0MHz	-47.039	-25	PASS
7	15	25	507000	2535.0	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	22.529	-25	---
7	15	25	507000	2535.0	DFT-s-OFDM BPSK	1@0	20000MHz-25700.0MHz	-46.671	-25	PASS
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	22.244	-25	---
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	1@0	20000MHz-25700.0MHz	-36.957	-25	PASS
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	21.789	-25	---
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	1@0	20000MHz-25700.0MHz	-36.966	-25	PASS
7	15	50	507000	2535.0	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	22.247	-25	---
7	15	50	507000	2535.0	DFT-s-OFDM BPSK	1@0	20000MHz-25700.0MHz	-46.787	-25	PASS
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	1@0	30.0MHz-20000MHz	22.041	-25	---
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	1@0	20000MHz-25700.0MHz	-46.894	-25	PASS

Test Graphs

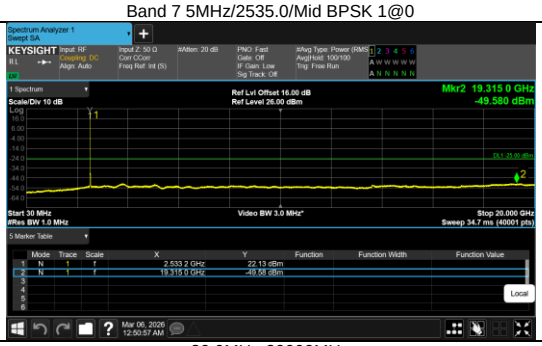
30.0MHz-20000MHz
Band 7 5MHz/2502.5/Low BPSK 1@0



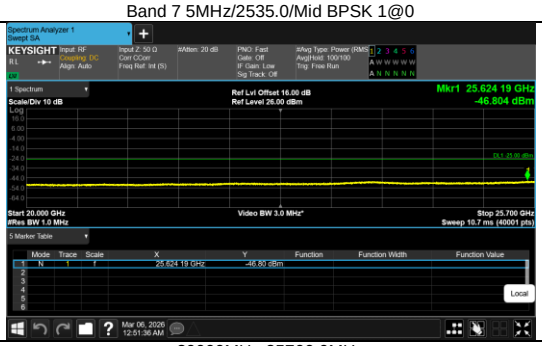
20000MHz-25700.0MHz
Band 7 5MHz/2502.5/Low BPSK 1@0



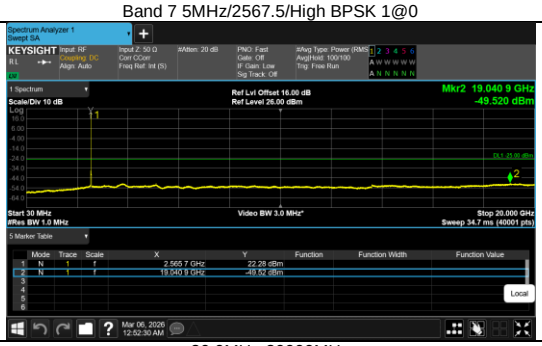
30.0MHz-20000MHz
Band 7 5MHz/2535.0/Mid BPSK 1@0



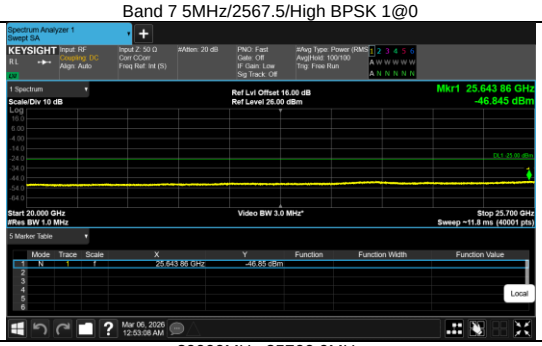
20000MHz-25700.0MHz
Band 7 5MHz/2535.0/Mid BPSK 1@0



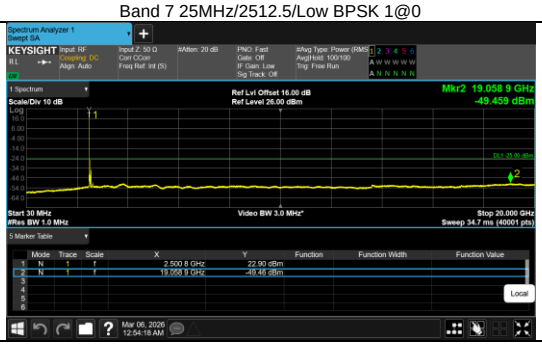
30.0MHz-20000MHz
Band 7 5MHz/2567.5/High BPSK 1@0



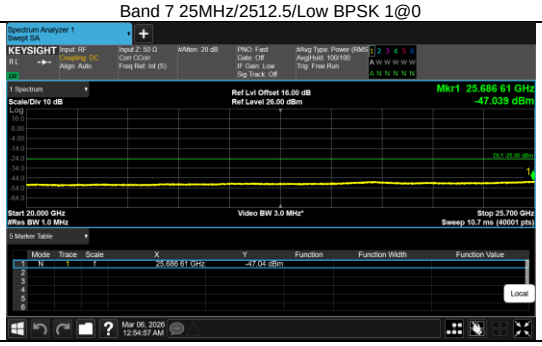
20000MHz-25700.0MHz
Band 7 5MHz/2567.5/High BPSK 1@0

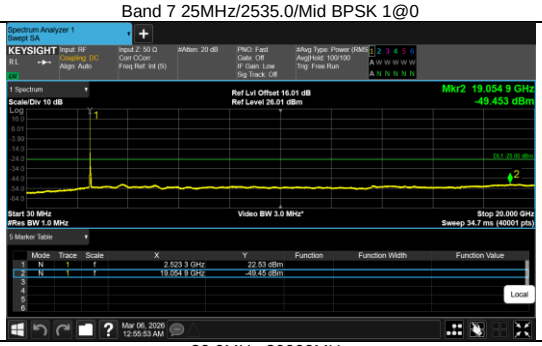
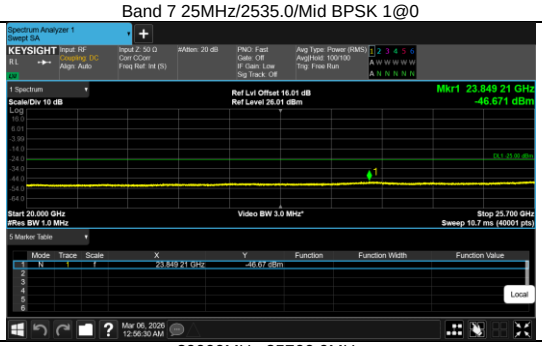
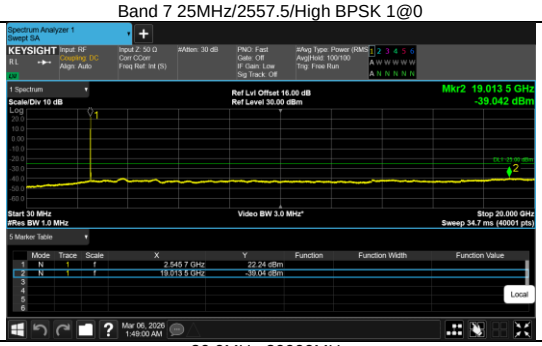
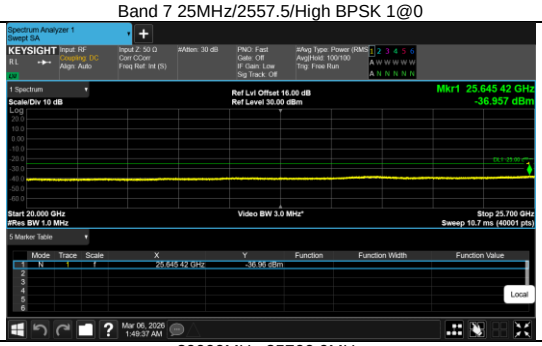
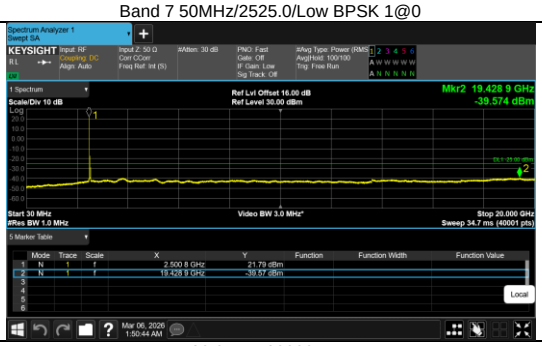
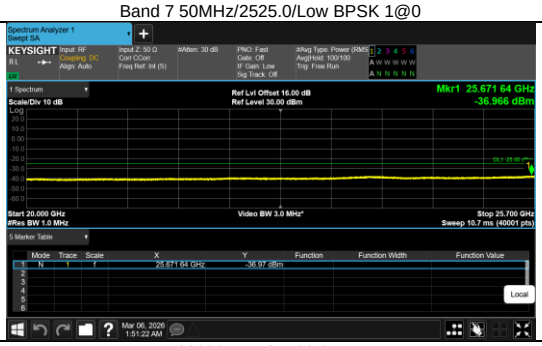
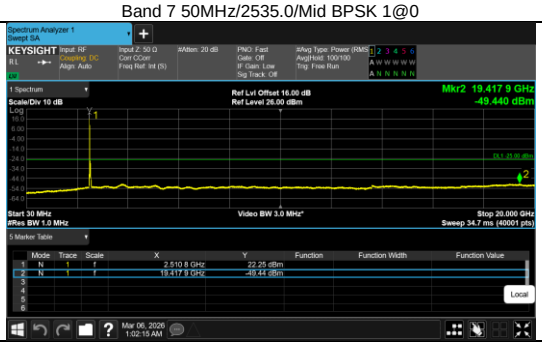
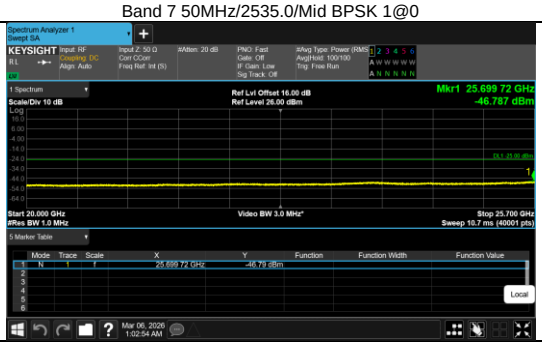


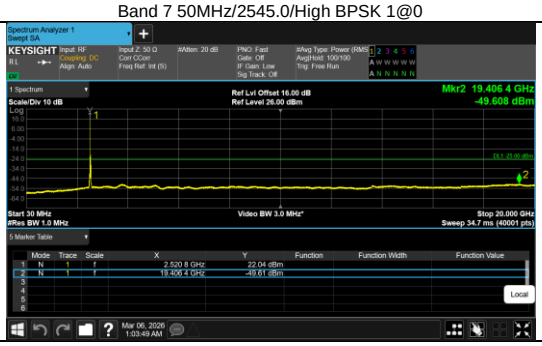
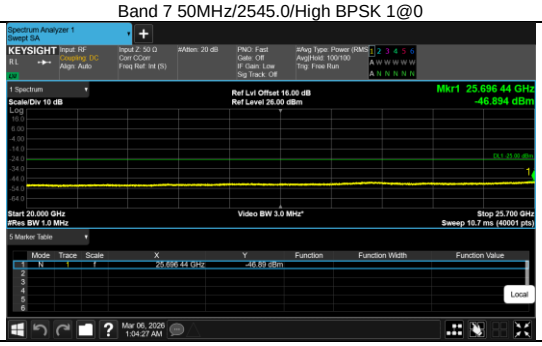
30.0MHz-20000MHz
Band 7 25MHz/2512.5/Low BPSK 1@0



20000MHz-25700.0MHz
Band 7 25MHz/2512.5/Low BPSK 1@0



30.0MHz-20000MHz Band 7 25MHz/2535.0/Mid BPSK 1@0	20000MHz-25700.0MHz Band 7 25MHz/2535.0/Mid BPSK 1@0
	
30.0MHz-20000MHz Band 7 25MHz/2557.5/High BPSK 1@0	20000MHz-25700.0MHz Band 7 25MHz/2557.5/High BPSK 1@0
	
30.0MHz-20000MHz Band 7 50MHz/2525.0/Low BPSK 1@0	20000MHz-25700.0MHz Band 7 50MHz/2525.0/Low BPSK 1@0
	
30.0MHz-20000MHz Band 7 50MHz/2535.0/Mid BPSK 1@0	20000MHz-25700.0MHz Band 7 50MHz/2535.0/Mid BPSK 1@0
	

30.0MHz-20000MHz Band 7 50MHz/2545.0/High BPSK 1@0	20000MHz-25700.0MHz Band 7 50MHz/2545.0/High BPSK 1@0
	

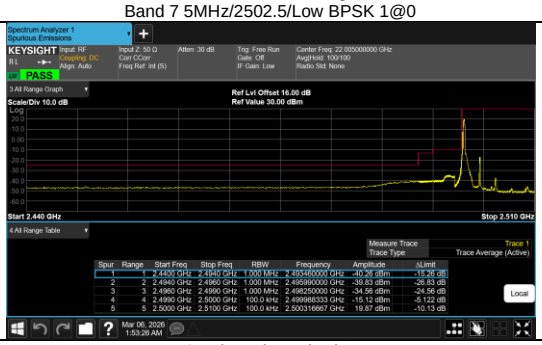
Conducted Band Edge

Test Result

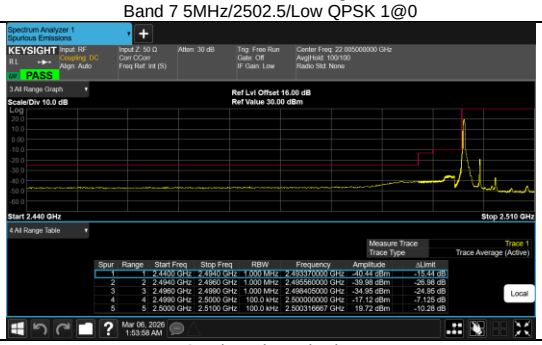
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	1@132	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@132	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM QPSK	270@0	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	1@269	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM QPSK	1@269	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

Test Graphs

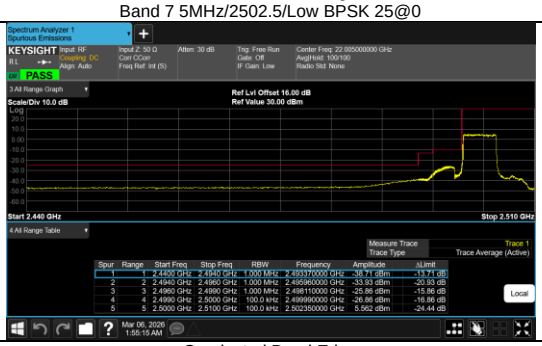
Conducted Band Edge
Band 7 5MHz/2502.5/Low BPSK 1@0



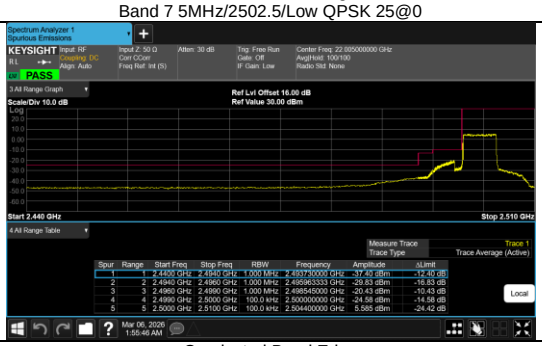
Conducted Band Edge
Band 7 5MHz/2502.5/Low QPSK 1@0



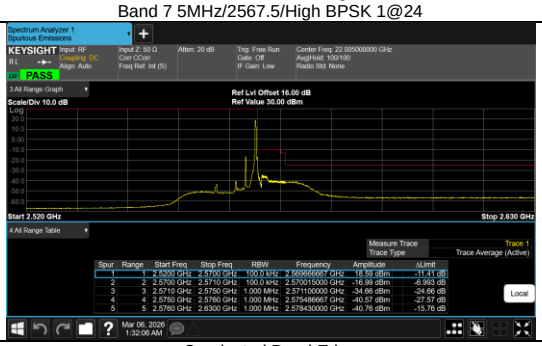
Conducted Band Edge
Band 7 5MHz/2502.5/Low BPSK 25@0



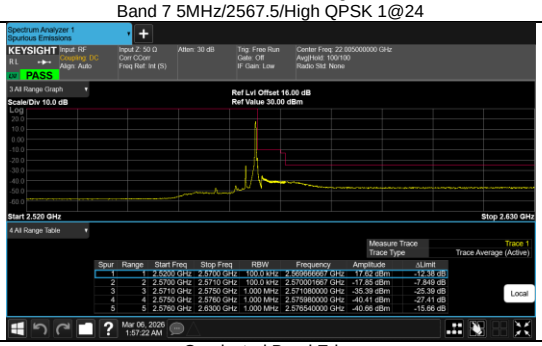
Conducted Band Edge
Band 7 5MHz/2502.5/Low QPSK 25@0



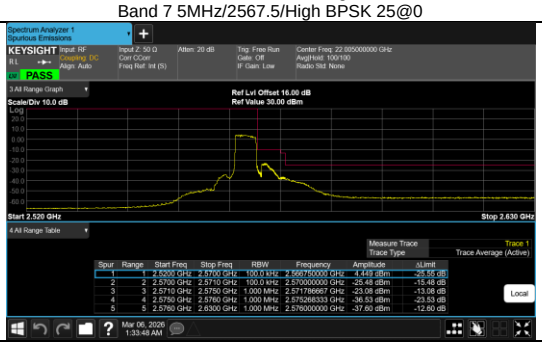
Conducted Band Edge
Band 7 5MHz/2567.5/High BPSK 1@24



Conducted Band Edge
Band 7 5MHz/2567.5/High QPSK 1@24



Conducted Band Edge
Band 7 5MHz/2567.5/High BPSK 25@0



Conducted Band Edge
Band 7 5MHz/2567.5/High QPSK 25@0