



FCC RF Test Report

APPLICANT : Xiaomi Communications Co., Ltd.
EQUIPMENT : Mobile Phone
BRAND NAME : POCO
MODEL NAME : 2602BPC18G
FCC ID : 2AFZZPC18G
STANDARD : 47 CFR Part 22, 24, 27
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Dec. 04, 2025 ~ Dec. 13, 2025

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



Sporton International Inc. (Kunshan)

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People's Republic of China**



TABLE OF CONTENTS

REVISION HISTORY	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Applicant	5
1.2 Manufacturer	5
1.3 Product Feature of Equipment Under Test	5
1.4 Product Specification of Equipment Under Test	6
1.5 Modification of EUT	6
1.6 Maximum ERP/EIRP Power and Emission Designator	7
1.7 Testing Location	8
1.8 Test Software	8
1.9 Applicable Standards	8
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	9
2.1 Test Mode	9
2.2 Connection Diagram of Test System	10
2.3 Support Unit used in test configuration and system	11
2.4 Measurement Results Explanation Example	11
2.5 Frequency List of Low/Middle/High Channels	11
3 CONDUCTED TEST ITEMS	13
3.1 Measuring Instruments	13
3.2 Test Setup	13
3.3 Test Result of Conducted Test	13
3.4 Conducted Output Power and ERP/EIRP	14
3.5 Peak-to-Average Ratio	15
3.6 Occupied Bandwidth	16
3.7 Conducted Band Edge	17
3.8 Conducted Spurious Emission	18
3.9 Frequency Stability	19
4 RADIATED TEST ITEMS	20
4.1 Measuring Instruments	20
4.2 Test Setup	20
4.3 Test Result of Radiated Test	21
4.4 Radiated Spurious Emission	22
5 LIST OF MEASURING EQUIPMENT	23
6 MEASUREMENT UNCERTAINTY	24
APPENDIX A. TEST RESULTS OF CONDUCTED TEST	
APPENDIX B. TEST RESULTS OF RADIATED TEST	
APPENDIX C. TEST SETUP PHOTOGRAPHS	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG5N1302H	Rev. 01	Initial issue of report	Jan. 12, 2026



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	PASS	-
	§22.913(a)(5)	Effective Radiated Power (5G NR n5)	ERP < 7 Watt		
	§24.232(c)	Equivalent Isotropic Radiated Power (5G NR n2)	EIRP < 2Watt		
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (5G NR n66)	EIRP < 1Watt		
3.5	§24.232(d)	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	PASS	-
3.7	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Conducted Band Edge Measurement (5G NR n5) (5G NR n2) (5G NR n66)	< 43+10log ₁₀ (P[Watts])	PASS	-
3.8	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Conducted Spurious Emission (5G NR n5) (5G NR n2) (5G NR n66)	< 43+10log ₁₀ (P[Watts])	PASS	-
3.9	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	-
	§24.235		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(h)	Radiated Spurious Emission (5G NR n5) (5G NR n2) (5G NR n66)	< 43+10log ₁₀ (P[Watts])	PASS	Under limit 38.84 dB at 7485.00 MHz

Conformity Assessment Condition:

- 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/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- 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

Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

1.2 Manufacturer

Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	POCO
Model Name	2602BPC18G
FCC ID	2AFZZPC18G
IMEI Code	Conducted: 860534080020743/860534080020750 Radiation: 860534080021162
HW Version	13510P10U
SW Version	Xiaomi HyperOS 3.0
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	5G NR n2 : 1850 MHz ~ 1910 MHz 5G NR n5 : 824 MHz ~ 849 MHz 5G NR n66 : 1710 MHz ~ 1780 MHz
Rx Frequency	5G NR n2 : 1930 MHz ~ 1990 MHz 5G NR n5 : 869 MHz ~ 894 MHz 5G NR n66 : 2110 MHz~ 2200 MHz
Bandwidth	n2/n5 : 5MHz / 10MHz / 15MHz / 20MHz n66 : 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz
SCS	15kHz
Antenna Gain	<Ant.0> : n5: -3.3 dBi <Ant.1> : n5: -3.02 dBi <Ant.2> : n2: -1.9 dBi n66: -0.4 dBi <Ant.3> : n2: -1.36 dBi n66: -1.1 dBi <Ant.4> : n2: -1.02 dBi n66: -0.83 dBi <Ant.5> : n2: -4.95 dBi n66: -2.75 dBi
Type of Modulation	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

Remark:

1. The maximum ERP/EIRP is calculated from max output power and max antenna gain, only the maximum ERP/EIRP are shown in the report, 5G NR n2/n66 for Ant. 2 and n5 for Ant.0.
2. For conducted test items, only the test data of Ant.2 for n2/n66 and Ant. 0 for n5 is showed in the report according to the maximum conducted power.
3. 5G NR support SA (n2/n5/n66) mode and NSA(n5) mode. According to the maximum power between SA and NSA mode, SA covers NSA mode.
4. All the supported ENDC combinations are verified conducted power, only the ENDC combination with highest power are shown in the report.
5. 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 Power and Emission Designator

5G NR n2		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	1852.5 ~ 1907.5	0.2070	4M46G7D	0.1652	4M47W7D
10	1855.0 ~ 1905.0	0.2094	9M26G7D	0.1667	9M27W7D
15	1857.5 ~ 1902.5	0.2118	14M1G7D	0.1667	14M1W7D
20	1860.0 ~ 1900.0	0.2153	18M8G7D	0.1667	18M9W7D

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	0.0877	4M45G7D	0.0708	4M47W7D
10	829.0 ~ 844.0	0.0891	9M26G7D	0.0721	9M27W7D
15	831.5 ~ 841.5	0.0879	14M1G7D	0.0713	14M1W7D
20	834.0 ~ 839.0	0.0891	18M9G7D	0.0719	18M9W7D

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	0.3133	4M45G7D	0.2518	4M46W7D
10	1715.0 ~ 1775.0	0.3112	9M26G7D	0.2472	9M26W7D
15	1717.5 ~ 1772.5	0.3236	14M1G7D	0.2535	14M1W7D
20	1720.0 ~ 1770.0	0.3055	18M9G7D	0.2506	18M9W7D
25	1722.5 ~ 1767.5	0.3076	23M7G7D	0.2500	23M7W7D
30	1725.0 ~ 1765.0	0.3090	28M5G7D	0.2512	28M5W7D
40	1730.0 ~ 1760.0	0.3162	38M4G7D	0.2427	38M5W7D

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.
	TH01-KS 03CH04-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, 24, 27
- ♦ 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 (X plane) were recorded in this report.

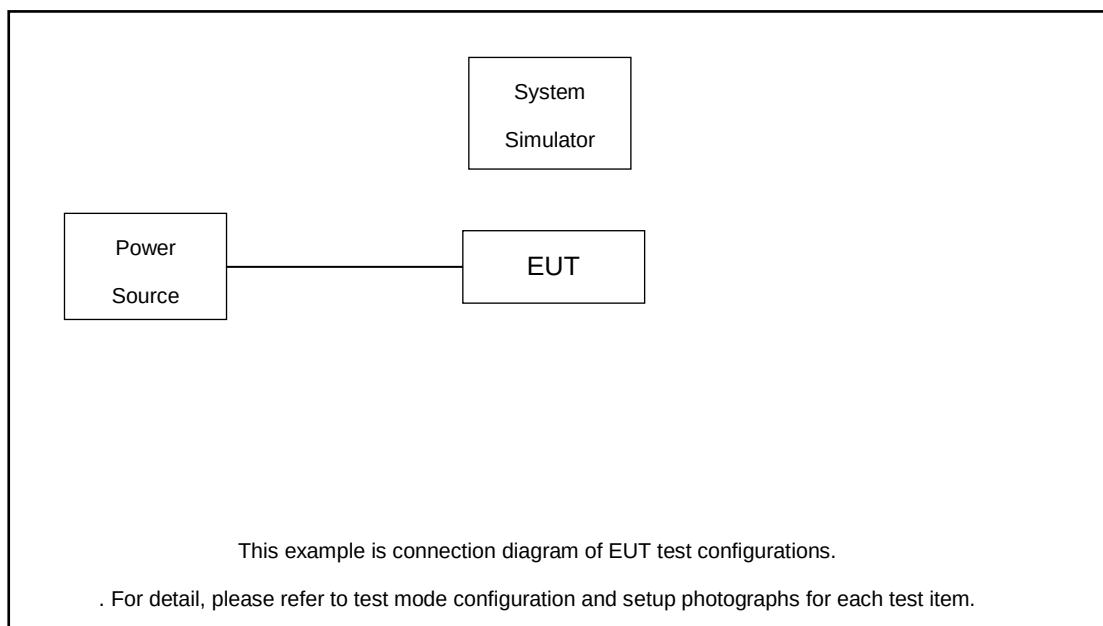
The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.

Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			

Test Items	5G NR	Bandwidth (MHz)										Modulation					RB #		Test Channel		
		5	10	15	20	25	30	35	40	45	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Full	L	M	H	
Max. Output Power	n2	v	v	v	v	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v	
	n5	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	
Peak-to-Average Ratio	n2				v	-	-	-	-	-	v	v				v	v		v		
	n5				v	-	-	-	-	-	v	v				v	v		v		
	n66				v			-		-	v	v				v	v		v		
26dB and 99% Bandwidth	n2	v	v	v	v	-	-	-	-	-		v	v				v		v		
	n5	v	v	v	v	-	-	-	-	-		v	v				v		v		
	n66	v	v	v	v	v	v	-	v	-		v	v				v		v		
Conducted Band Edge	n2	v	v		v	-	-	-	-	-	v	v				v	v	v		v	
	n5	v	v		v	-	-	-	-	-	v	v				v	v	v		v	
	n66	v			v			-	v	-	v	v				v	v	v		v	
Conducted Spurious Emission	n2	v	v		v	-	-	-	-	-	v					v		v	v	v	
	n5	v	v		v	-	-	-	-	-	v					v		v	v	v	
	n66	v			v			-	v	-	v					v		v	v	v	
Frequency Stability	n2				v	-	-	-	-	-		v					v		v		
	n5				v	-	-	-	-	-		v					v		v		
	n66				v			-		-		v					v		v		

Test Items	5G NR	Bandwidth (MHz)										Modulation					RB #		Test Channel				
		5	10	15	20	25	30	35	40	45	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Full	L	M	H			
E.R.P / E.I.R.P	n2	v	v	v	v	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v			
	n5	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			
Radiated Spurious Emission	n2	Worst Case																	v				
	n5	Worst Case																	v				
	n66	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 = 3.8V ; Low Voltage =3.6V. ; High Voltage =4.2V																						

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

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 0.8 dB and 20dB attenuator.

Example :

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

$$= 0.8 + 20 = 20.80 \text{ (dB)}$$

2.5 Frequency List of Low/Middle/High Channels

5G NR n2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	372000	376000	380000
	Frequency	1860	1880	1900
15	Channel	371500	376000	380500
	Frequency	1857.5	1880	1902.5
10	Channel	371000	376000	381000
	Frequency	1855	1880	1905
5	Channel	370500	376000	381500
	Frequency	1852.5	1880	1907.5



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 n66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	346000	349000	352000
	Frequency	1730	1745	1760
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

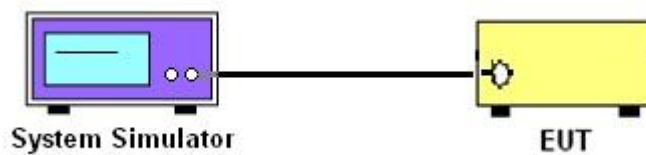
3 Conducted Test Items

3.1 Measuring Instruments

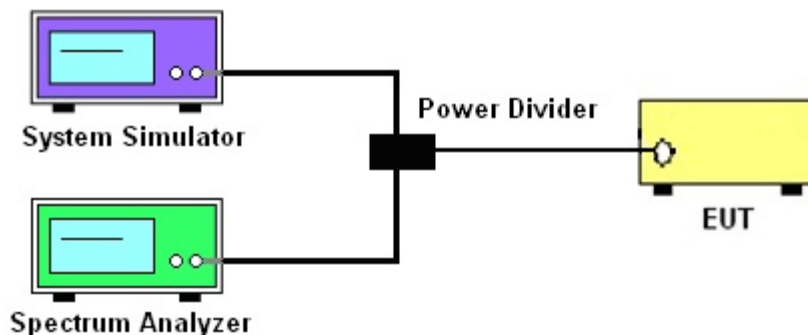
See list of measuring instruments of this test report.

3.2 Test Setup

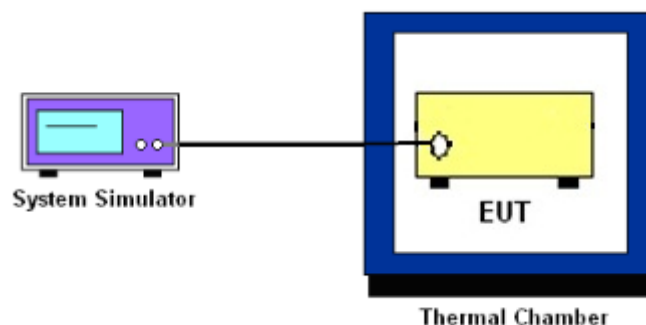
3.2.1 Conducted Output Power



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 and ERP/EIRP

3.4.1 Description of the Conducted Output Power Measurement and ERP/EIRP 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 EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n2.

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 $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ 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.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the 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 $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ 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.

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 $\geq 1\%$ 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 $43 + 10\log(P)\text{dB}$ below the transmitter power $P(\text{Watts})$
 $= P(W) - [43 + 10\log(P)] (\text{dB}) = [30 + 10\log(P)] (\text{dBm}) - [43 + 10\log(P)] (\text{dB}) = -13\text{dBm}.$

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.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th 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 $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13$ dBm.

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 $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) 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 $20\pm 5^{\circ}\text{C}$ 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.

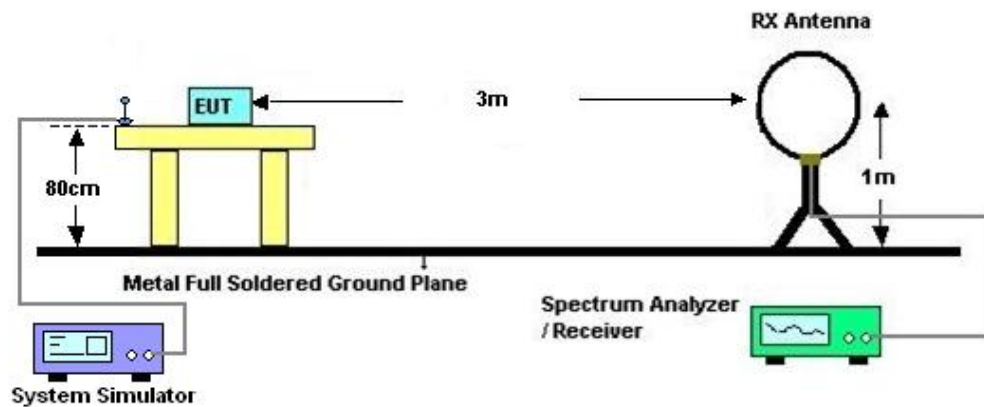
4 Radiated Test Items

4.1 Measuring Instruments

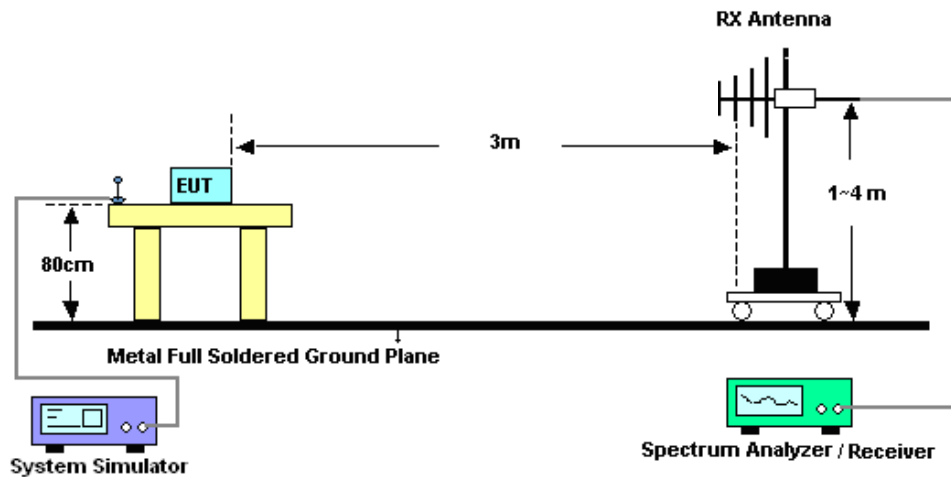
See list of measuring instruments of this test report.

4.2 Test Setup

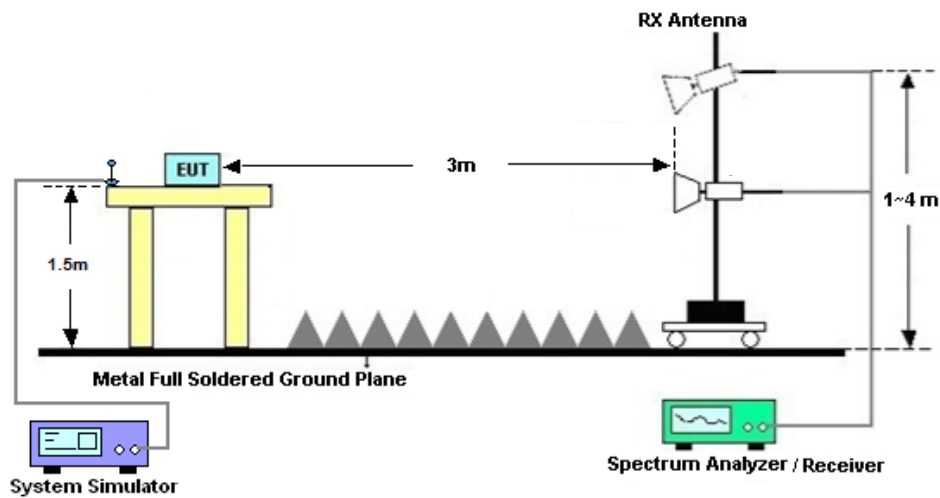
4.2.1 For radiated test below 30MHz



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.

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. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
11. $ERP \text{ (dBm)} = EIRP - 2.15$
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$$

$$= -13\text{dBm}.$$



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9038A	MY56400004	3Hz~8.5GHz;Max x 30dBm	Oct. 10, 2025	Dec. 13, 2025	Oct. 09, 2026	Radiation (03CH04-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55370528	10Hz-44G,MAX 30dB	Oct. 10, 2025	Dec. 13, 2025	Oct. 09, 2026	Radiation (03CH04-KS)
Active loop antenna	R&S	HFH2-Z2E	101125	9kHz~30MHz	Aug. 10, 2025	Dec. 13, 2025	Aug. 09, 2026	Radiation (03CH04-KS)
Bilog Antenna	TeseQ	CBL6111D	44483	30MHz-1GHz	Nov. 22, 2025	Dec. 13, 2025	Nov. 21, 2026	Radiation (03CH04-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00227860	1GHz~18GHz	Aug. 22, 2025	Dec. 13, 2025	Aug. 21, 2026	Radiation (03CH04-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 11, 2025	Dec. 13, 2025	Jan. 10, 2026	Radiation (03CH04-KS)
Amplifier	SONOMA	310N	380826	9KHz-1GHz	Jul. 02, 2025	Dec. 13, 2025	Jul. 01, 2026	Radiation (03CH04-KS)
Amplifier	EM	EM18G40GA	060852	18~40GHz	Jan. 03, 2025	Dec. 13, 2025	Jan. 02, 2026	Radiation (03CH04-KS)
high gain Amplifier	EM	EM01G18GA	060890	1Ghz-18Ghz	May 23, 2025	Dec. 13, 2025	May 22, 2026	Radiation (03CH04-KS)
Amplifier	EM	EM01G18GA	060892	1Ghz-18Ghz	Oct. 11, 2025	Dec. 13, 2025	Oct. 10, 2026	Radiation (03CH04-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Dec. 13, 2025	NCR	Radiation (03CH04-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Dec. 13, 2025	NCR	Radiation (03CH04-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Dec. 13, 2025	NCR	Radiation (03CH04-KS)
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Jul. 07, 2025	Dec. 04, 2025	Jul. 06, 2026	Conducted (TH01-KS)
Power divider	STI	STI08-0055	-	0.5~40GHz	NCR	Dec. 04, 2025	NCR	Conducted (TH01-KS)
Temperature & humidity chamber	Hongzhan	LP-150U	H2014011440	-40~+150°C 20%~95%RH	Jul. 02, 2025	Dec. 04, 2025	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 (9 KHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.83 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.83 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 40 GHz)

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



Appendix A. Test Results of Conducted Test

Test Engineer :	Simle Wang	Temperature :	22~23°C
		Relative Humidity :	40~42%



FR1 N2_ANT2

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)= -1.9 dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP(W)
2	15	5	370500	1852.5	DFT-s-OFDM PI/2 BPSK	1@1	24.59	22.69	0.1858
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	25.06	23.16	0.2070
2	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	23.98	22.08	0.1614
2	15	5	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	24.64	22.74	0.1879
2	15	5	376000	1880	DFT-s-OFDM QPSK	1@1	25.00	23.10	0.2042
2	15	5	376000	1880	DFT-s-OFDM 16 QAM	1@1	24.08	22.18	0.1652
2	15	5	381500	1907.5	DFT-s-OFDM PI/2 BPSK	1@1	24.66	22.76	0.1888
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	1@1	25.06	23.16	0.2070
2	15	5	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	24.06	22.16	0.1644
2	15	10	371000	1855	DFT-s-OFDM PI/2 BPSK	1@1	24.79	22.89	0.1945
2	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	25.04	23.14	0.2061
2	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	24.12	22.22	0.1667
2	15	10	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	24.76	22.86	0.1932
2	15	10	376000	1880	DFT-s-OFDM QPSK	1@1	25.04	23.14	0.2061
2	15	10	376000	1880	DFT-s-OFDM 16 QAM	1@1	24.12	22.22	0.1667
2	15	10	381000	1905	DFT-s-OFDM PI/2 BPSK	1@1	24.78	22.88	0.1941
2	15	10	381000	1905	DFT-s-OFDM QPSK	1@1	25.11	23.21	0.2094
2	15	10	381000	1905	DFT-s-OFDM 16 QAM	1@1	24.06	22.16	0.1644
2	15	15	371500	1857.5	DFT-s-OFDM PI/2 BPSK	1@1	24.79	22.89	0.1945
2	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	25.03	23.13	0.2056
2	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	24.12	22.22	0.1667
2	15	15	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	24.73	22.83	0.1919
2	15	15	376000	1880	DFT-s-OFDM QPSK	1@1	24.87	22.97	0.1982
2	15	15	376000	1880	DFT-s-OFDM 16 QAM	1@1	24.10	22.20	0.1660
2	15	15	380500	1902.5	DFT-s-OFDM PI/2 BPSK	1@1	24.84	22.94	0.1968
2	15	15	380500	1902.5	DFT-s-OFDM QPSK	1@1	25.16	23.26	0.2118
2	15	15	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	24.11	22.21	0.1663
2	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	1@1	24.82	22.92	0.1959
2	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	1@0	24.26	22.36	0.1722
2	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	1@104	24.81	22.91	0.1954
2	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	2@0	24.34	22.44	0.1754
2	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	50@25	24.93	23.03	0.2009
2	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	2@104	24.52	22.62	0.1828
2	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	100@0	24.54	22.64	0.1837
2	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	25.23	23.33	0.2153



NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP(W)
2	15	20	372000	1860	DFT-s-OFDM QPSK	1@0	24.10	22.20	0.1660
2	15	20	372000	1860	DFT-s-OFDM QPSK	1@104	25.03	23.13	0.2056
2	15	20	372000	1860	DFT-s-OFDM QPSK	2@0	23.92	22.02	0.1592
2	15	20	372000	1860	DFT-s-OFDM QPSK	50@25	24.92	23.02	0.2004
2	15	20	372000	1860	DFT-s-OFDM QPSK	2@104	24.00	22.10	0.1622
2	15	20	372000	1860	DFT-s-OFDM QPSK	100@0	24.05	22.15	0.1641
2	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	24.11	22.21	0.1663
2	15	20	372000	1860	DFT-s-OFDM 64 QAM	1@1	22.20	20.30	0.1072
2	15	20	372000	1860	DFT-s-OFDM 256 QAM	1@1	20.39	18.49	0.0706
2	15	20	372000	1860	DFT-s-OFDM 16 QAM	100@0	23.00	21.10	0.1288
2	15	20	372000	1860	DFT-s-OFDM 64 QAM	100@0	22.53	20.63	0.1156
2	15	20	372000	1860	DFT-s-OFDM 256 QAM	100@0	20.50	18.60	0.0724
2	15	20	372000	1860	CP-OFDM QPSK	1@1	23.62	21.72	0.1486
2	15	20	372000	1860	CP-OFDM QPSK	1@0	21.83	19.93	0.0984
2	15	20	372000	1860	CP-OFDM QPSK	1@104	23.46	21.56	0.1432
2	15	20	372000	1860	CP-OFDM QPSK	2@0	21.85	19.95	0.0989
2	15	20	372000	1860	CP-OFDM QPSK	53@26	23.55	21.65	0.1462
2	15	20	372000	1860	CP-OFDM QPSK	2@104	22.03	20.13	0.1030
2	15	20	372000	1860	CP-OFDM QPSK	106@0	22.01	20.11	0.1026
2	15	20	372000	1860	CP-OFDM 16 QAM	1@1	23.14	21.24	0.1330
2	15	20	372000	1860	CP-OFDM 64 QAM	1@1	21.41	19.51	0.0893
2	15	20	372000	1860	CP-OFDM 256 QAM	1@1	18.47	16.57	0.0454
2	15	20	372000	1860	CP-OFDM QPSK	106@0	21.99	20.09	0.1021
2	15	20	372000	1860	CP-OFDM 16 QAM	106@0	22.05	20.15	0.1035
2	15	20	372000	1860	CP-OFDM 64 QAM	106@0	21.50	19.60	0.0912
2	15	20	372000	1860	CP-OFDM 256 QAM	106@0	18.48	16.58	0.0455
2	15	20	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	24.74	22.84	0.1923
2	15	20	376000	1880	DFT-s-OFDM PI/2 BPSK	1@0	24.27	22.37	0.1726
2	15	20	376000	1880	DFT-s-OFDM PI/2 BPSK	1@104	24.71	22.81	0.1910
2	15	20	376000	1880	DFT-s-OFDM PI/2 BPSK	2@0	24.36	22.46	0.1762
2	15	20	376000	1880	DFT-s-OFDM PI/2 BPSK	50@25	24.81	22.91	0.1954
2	15	20	376000	1880	DFT-s-OFDM PI/2 BPSK	2@104	24.40	22.50	0.1778
2	15	20	376000	1880	DFT-s-OFDM PI/2 BPSK	100@0	24.45	22.55	0.1799
2	15	20	376000	1880	DFT-s-OFDM QPSK	1@1	24.96	23.06	0.2023
2	15	20	376000	1880	DFT-s-OFDM QPSK	1@0	23.93	22.03	0.1596
2	15	20	376000	1880	DFT-s-OFDM QPSK	1@104	25.12	23.22	0.2099
2	15	20	376000	1880	DFT-s-OFDM QPSK	2@0	23.96	22.06	0.1607
2	15	20	376000	1880	DFT-s-OFDM QPSK	50@25	24.86	22.96	0.1977
2	15	20	376000	1880	DFT-s-OFDM QPSK	2@104	23.93	22.03	0.1596
2	15	20	376000	1880	DFT-s-OFDM QPSK	100@0	23.93	22.03	0.1596
2	15	20	376000	1880	DFT-s-OFDM 16 QAM	1@1	24.09	22.19	0.1656



NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP(W)
2	15	20	376000	1880	DFT-s-OFDM 64 QAM	1@1	22.17	20.27	0.1064
2	15	20	376000	1880	DFT-s-OFDM 256 QAM	1@1	20.35	18.45	0.0700
2	15	20	376000	1880	DFT-s-OFDM 16 QAM	100@0	22.90	21.00	0.1259
2	15	20	376000	1880	DFT-s-OFDM 64 QAM	100@0	22.39	20.49	0.1119
2	15	20	376000	1880	DFT-s-OFDM 256 QAM	100@0	20.33	18.43	0.0697
2	15	20	376000	1880	CP-OFDM QPSK	1@1	23.48	21.58	0.1439
2	15	20	376000	1880	CP-OFDM QPSK	1@0	21.77	19.87	0.0971
2	15	20	376000	1880	CP-OFDM QPSK	1@104	23.53	21.63	0.1455
2	15	20	376000	1880	CP-OFDM QPSK	2@0	21.92	20.02	0.1005
2	15	20	376000	1880	CP-OFDM QPSK	53@26	23.45	21.55	0.1429
2	15	20	376000	1880	CP-OFDM QPSK	2@104	21.88	19.98	0.0995
2	15	20	376000	1880	CP-OFDM QPSK	106@0	21.86	19.96	0.0991
2	15	20	376000	1880	CP-OFDM 16 QAM	1@1	23.07	21.17	0.1309
2	15	20	376000	1880	CP-OFDM 64 QAM	1@1	21.46	19.56	0.0904
2	15	20	376000	1880	CP-OFDM 256 QAM	1@1	18.46	16.56	0.0453
2	15	20	376000	1880	CP-OFDM QPSK	106@0	21.90	20.00	0.1000
2	15	20	376000	1880	CP-OFDM 16 QAM	106@0	21.89	19.99	0.0998
2	15	20	376000	1880	CP-OFDM 64 QAM	106@0	21.36	19.46	0.0883
2	15	20	376000	1880	CP-OFDM 256 QAM	106@0	18.36	16.46	0.0443
2	15	20	380000	1900	DFT-s-OFDM PI/2 BPSK	1@1	24.71	22.81	0.1910
2	15	20	380000	1900	DFT-s-OFDM PI/2 BPSK	1@0	24.24	22.34	0.1714
2	15	20	380000	1900	DFT-s-OFDM PI/2 BPSK	1@104	24.72	22.82	0.1914
2	15	20	380000	1900	DFT-s-OFDM PI/2 BPSK	2@0	24.39	22.49	0.1774
2	15	20	380000	1900	DFT-s-OFDM PI/2 BPSK	50@25	24.89	22.99	0.1991
2	15	20	380000	1900	DFT-s-OFDM PI/2 BPSK	2@104	24.41	22.51	0.1782
2	15	20	380000	1900	DFT-s-OFDM PI/2 BPSK	100@0	24.52	22.62	0.1828
2	15	20	380000	1900	DFT-s-OFDM QPSK	1@1	25.17	23.27	0.2123
2	15	20	380000	1900	DFT-s-OFDM QPSK	1@0	24.06	22.16	0.1644
2	15	20	380000	1900	DFT-s-OFDM QPSK	1@104	25.10	23.20	0.2089
2	15	20	380000	1900	DFT-s-OFDM QPSK	2@0	23.90	22.00	0.1585
2	15	20	380000	1900	DFT-s-OFDM QPSK	50@25	24.92	23.02	0.2004
2	15	20	380000	1900	DFT-s-OFDM QPSK	2@104	23.92	22.02	0.1592
2	15	20	380000	1900	DFT-s-OFDM QPSK	100@0	24.04	22.14	0.1637
2	15	20	380000	1900	DFT-s-OFDM 16 QAM	1@1	24.12	22.22	0.1667
2	15	20	380000	1900	DFT-s-OFDM 64 QAM	1@1	22.18	20.28	0.1067
2	15	20	380000	1900	DFT-s-OFDM 256 QAM	1@1	20.39	18.49	0.0706
2	15	20	380000	1900	DFT-s-OFDM 16 QAM	100@0	22.95	21.05	0.1274
2	15	20	380000	1900	DFT-s-OFDM 64 QAM	100@0	22.51	20.61	0.1151
2	15	20	380000	1900	DFT-s-OFDM 256 QAM	100@0	20.46	18.56	0.0718
2	15	20	380000	1900	CP-OFDM QPSK	1@1	23.58	21.68	0.1472
2	15	20	380000	1900	CP-OFDM QPSK	1@0	21.84	19.94	0.0986



NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP(W)
2	15	20	380000	1900	CP-OFDM QPSK	1@104	23.55	21.65	0.1462
2	15	20	380000	1900	CP-OFDM QPSK	2@0	21.83	19.93	0.0984
2	15	20	380000	1900	CP-OFDM QPSK	53@26	23.42	21.52	0.1419
2	15	20	380000	1900	CP-OFDM QPSK	2@104	21.90	20.00	0.1000
2	15	20	380000	1900	CP-OFDM QPSK	106@0	21.99	20.09	0.1021
2	15	20	380000	1900	CP-OFDM 16 QAM	1@1	23.27	21.37	0.1371
2	15	20	380000	1900	CP-OFDM 64 QAM	1@1	21.45	19.55	0.0902
2	15	20	380000	1900	CP-OFDM 256 QAM	1@1	18.46	16.56	0.0453
2	15	20	380000	1900	CP-OFDM QPSK	106@0	21.97	20.07	0.1016
2	15	20	380000	1900	CP-OFDM 16 QAM	106@0	22.00	20.10	0.1023
2	15	20	380000	1900	CP-OFDM 64 QAM	106@0	21.48	19.58	0.0908
2	15	20	380000	1900	CP-OFDM 256 QAM	106@0	18.49	16.59	0.0456



Frequency Stability

Test Result

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	0.0121	PASS	NV
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	0.0058	PASS	LV
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	0.0039	PASS	HV
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	0.0000	PASS	-30℃
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	0.0042	PASS	-20℃
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	0.0076	PASS	-10℃
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	0.0129	PASS	0℃
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	0.0083	PASS	10℃
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	0.0075	PASS	20℃
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	0.0114	PASS	30℃
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	0.0067	PASS	40℃
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	0.0082	PASS	50℃

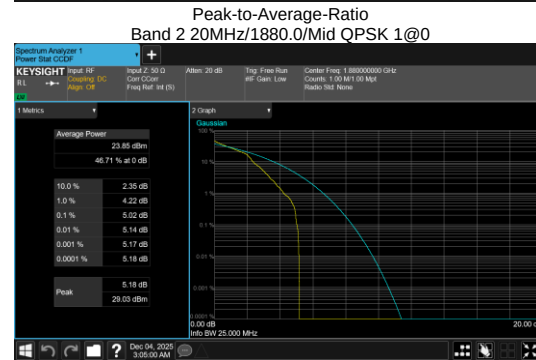
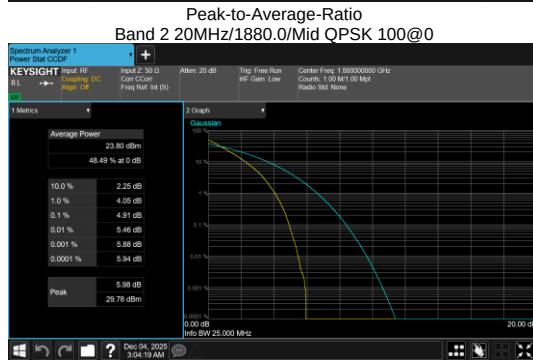
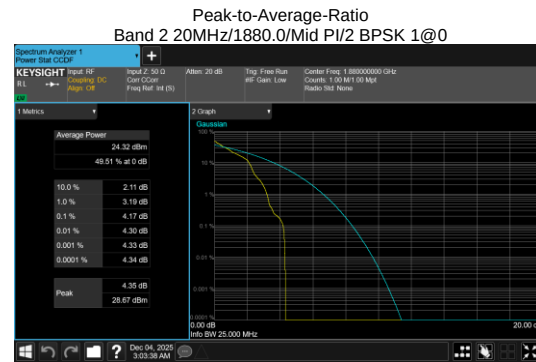
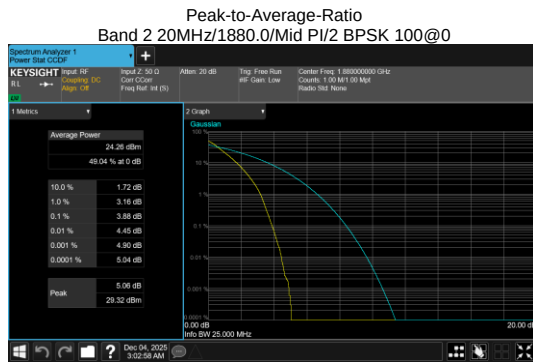


Peak to Average Ratio

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Limit	Verdict
2	15	20	376000	1880.0	DFT-s-OFDM PI/2 BPSK	100@0	3.88	13	PASS
2	15	20	376000	1880.0	DFT-s-OFDM PI/2 BPSK	1@0	4.17	13	PASS
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	100@0	4.91	13	PASS
2	15	20	376000	1880.0	DFT-s-OFDM QPSK	1@0	5.02	13	PASS

Test Graphs





Occupied Bandwidth

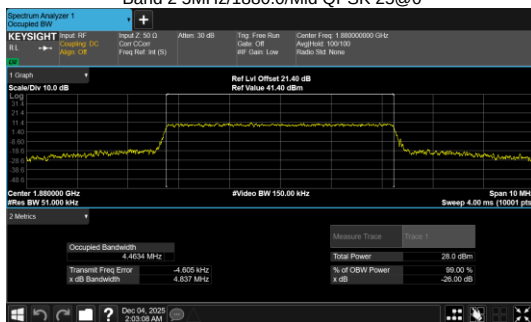
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
2	15	5	376000	1880.0	CP-OFDM QPSK	25@0	4.46	4.837
2	15	5	376000	1880.0	CP-OFDM 16 QAM	25@0	4.47	4.816
2	15	10	376000	1880.0	CP-OFDM QPSK	52@0	9.26	9.714
2	15	10	376000	1880.0	CP-OFDM 16 QAM	52@0	9.27	9.713
2	15	15	376000	1880.0	CP-OFDM QPSK	79@0	14.07	14.65
2	15	15	376000	1880.0	CP-OFDM 16 QAM	79@0	14.07	14.66
2	15	20	376000	1880.0	CP-OFDM QPSK	106@0	18.84	19.65
2	15	20	376000	1880.0	CP-OFDM 16 QAM	106@0	18.85	19.71

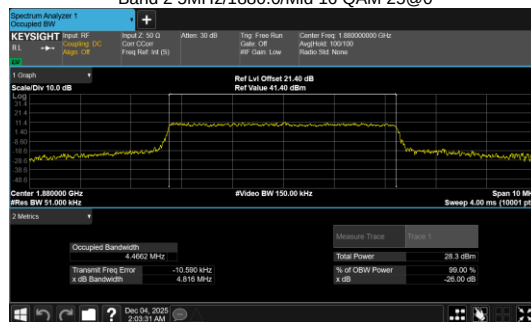


Test Graphs

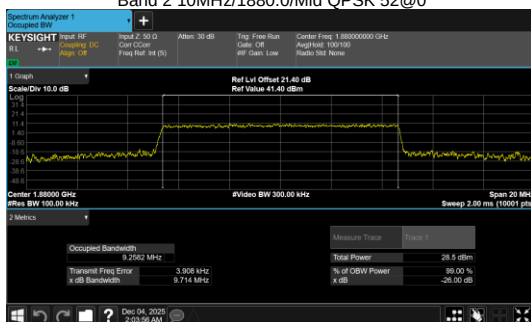
OBW and 26dB Bandwidth
Band 2 5MHz/1880.0/Mid QPSK 25@0



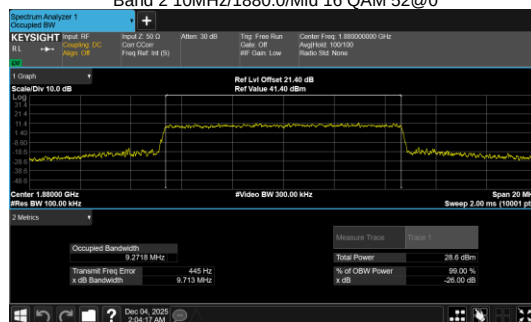
OBW and 26dB Bandwidth
Band 2 5MHz/1880.0/Mid 16 QAM 25@0



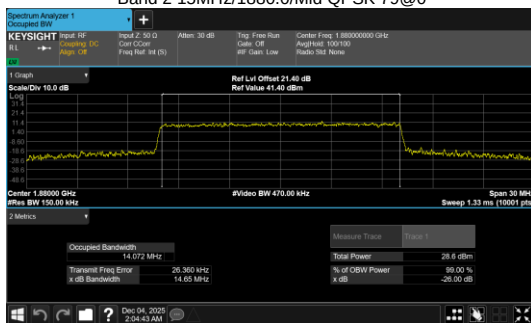
OBW and 26dB Bandwidth
Band 2 10MHz/1880.0/Mid QPSK 52@0



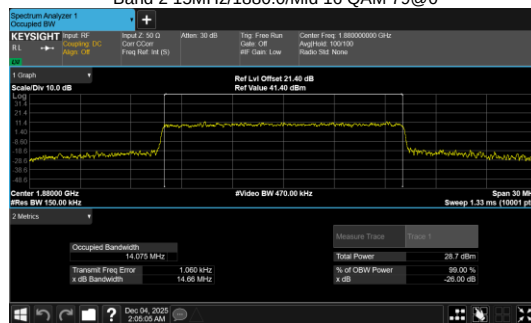
OBW and 26dB Bandwidth
Band 2 10MHz/1880.0/Mid 16 QAM 52@0



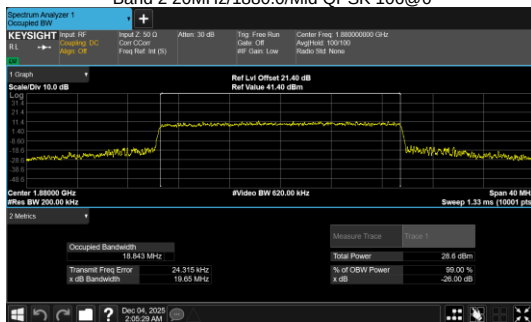
OBW and 26dB Bandwidth
Band 2 15MHz/1880.0/Mid QPSK 79@0



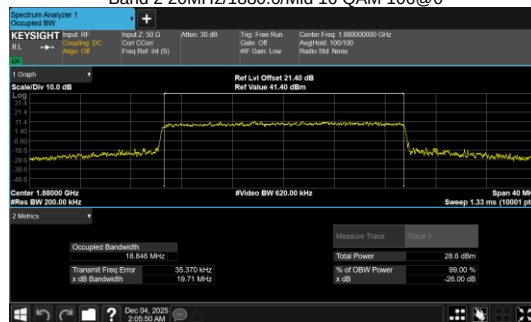
OBW and 26dB Bandwidth
Band 2 15MHz/1880.0/Mid 16 QAM 79@0



OBW and 26dB Bandwidth
Band 2 20MHz/1880.0/Mid QPSK 106@0



OBW and 26dB Bandwidth
Band 2 20MHz/1880.0/Mid 16 QAM 106@0





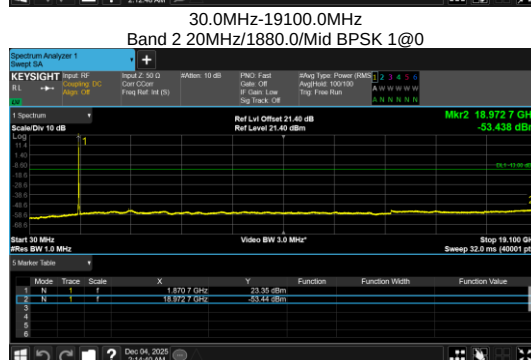
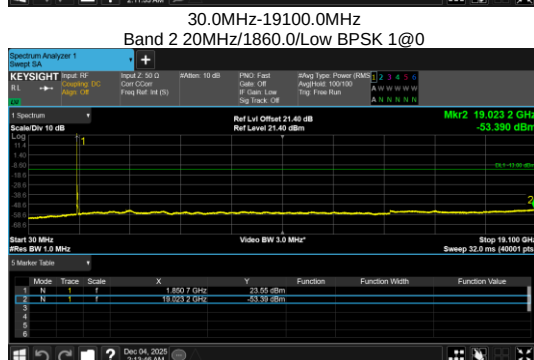
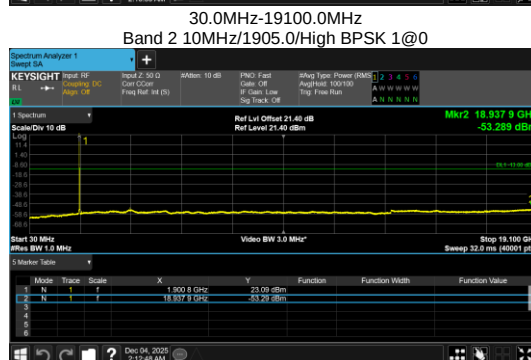
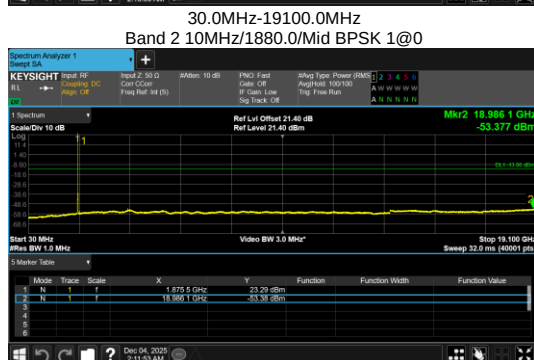
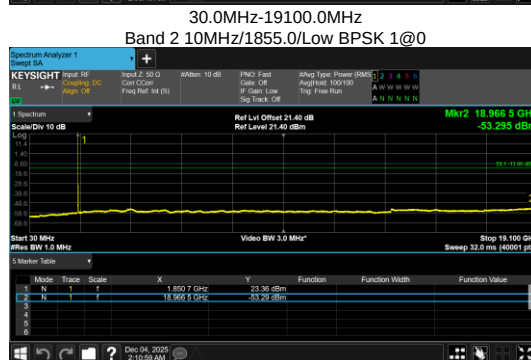
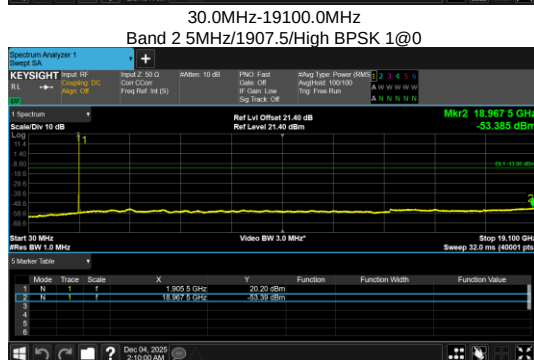
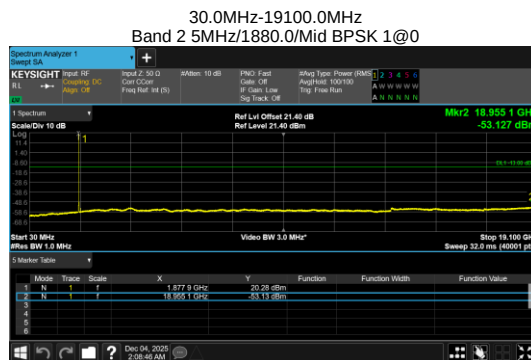
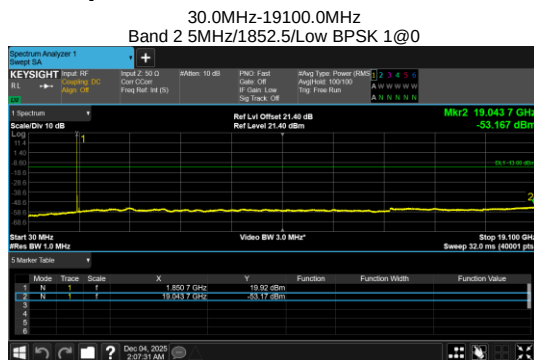
Conducted Spurious Emissions

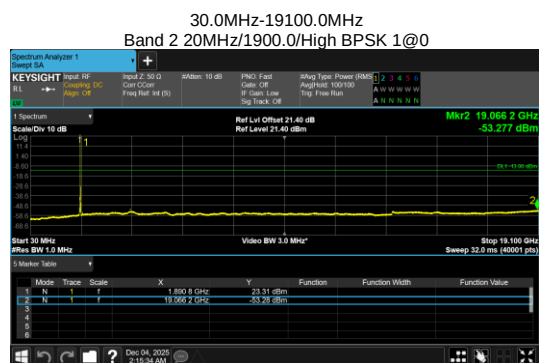
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
2	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
2	15	5	376000	1880.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
2	15	10	371000	1855.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
2	15	10	376000	1880.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
2	15	10	381000	1905.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
2	15	20	376000	1880.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM BPSK	1@0	See graph	PASS



Test Graphs







Conducted Band Edge

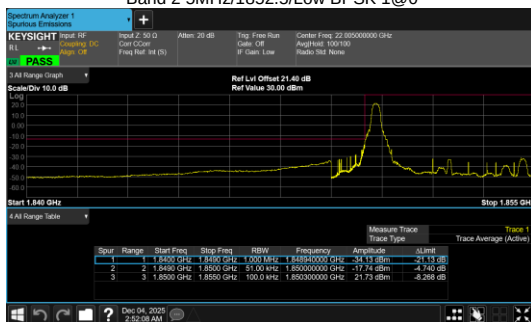
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
2	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	See graph	PASS
2	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	See graph	PASS
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	25@0	See graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM BPSK	1@24	See graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	1@24	See graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM BPSK	25@0	See graph	PASS
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	25@0	See graph	PASS
2	15	10	371000	1855.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
2	15	10	371000	1855.0	DFT-s-OFDM QPSK	1@0	See graph	PASS
2	15	10	371000	1855.0	DFT-s-OFDM BPSK	50@0	See graph	PASS
2	15	10	371000	1855.0	DFT-s-OFDM QPSK	50@0	See graph	PASS
2	15	10	381000	1905.0	DFT-s-OFDM BPSK	1@51	See graph	PASS
2	15	10	381000	1905.0	DFT-s-OFDM QPSK	1@51	See graph	PASS
2	15	10	381000	1905.0	DFT-s-OFDM BPSK	50@0	See graph	PASS
2	15	10	381000	1905.0	DFT-s-OFDM QPSK	50@0	See graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	See graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM BPSK	100@0	See graph	PASS
2	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	See graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM BPSK	1@105	See graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM QPSK	1@105	See graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM BPSK	100@0	See graph	PASS
2	15	20	380000	1900.0	DFT-s-OFDM QPSK	100@0	See graph	PASS

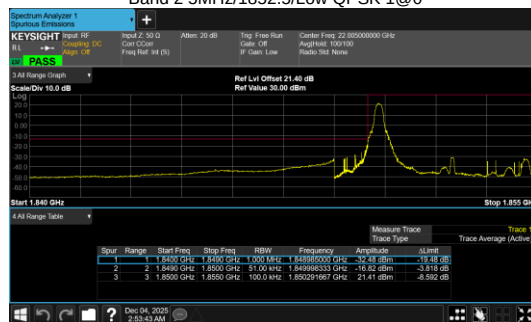


Test Graphs

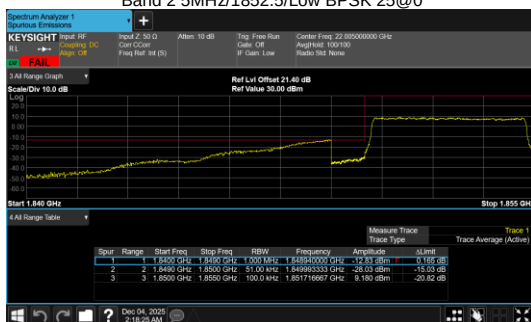
Conducted Band Edge
Band 2 5MHz/1852.5/Low BPSK 1@0



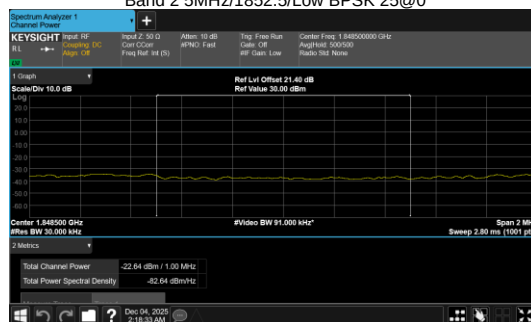
Conducted Band Edge
Band 2 5MHz/1852.5/Low QPSK 1@0



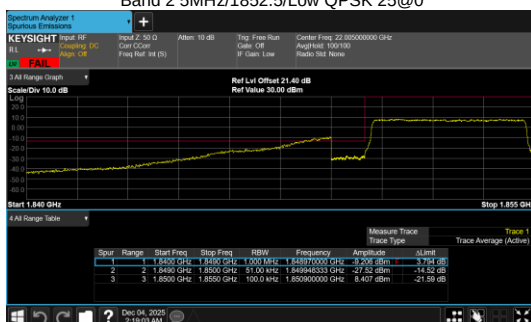
Conducted Band Edge
Band 2 5MHz/1852.5/Low BPSK 25@0



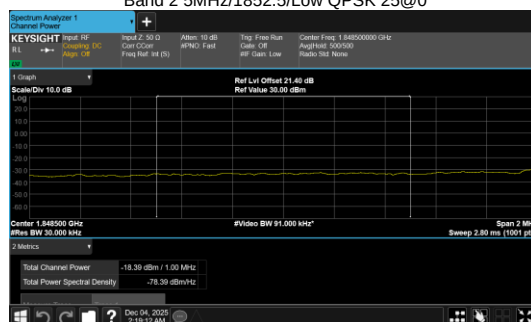
Conducted Band Edge CHP Range1 PASS
Band 2 5MHz/1852.5/Low BPSK 25@0



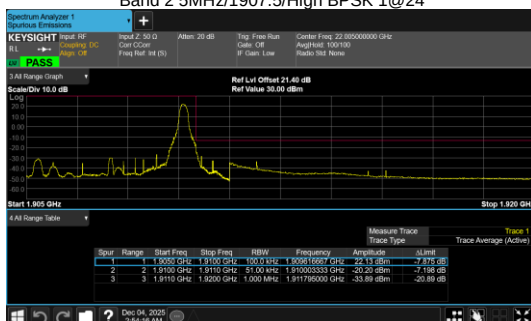
Conducted Band Edge
Band 2 5MHz/1852.5/Low QPSK 25@0



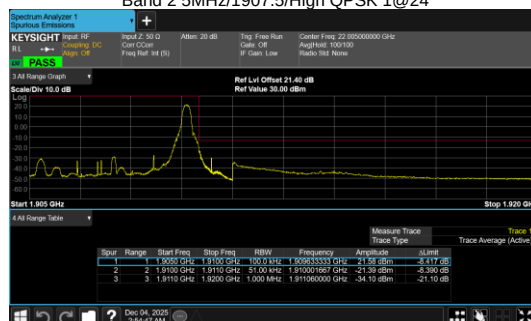
Conducted Band Edge CHP Range1 PASS
Band 2 5MHz/1852.5/Low QPSK 25@0



Conducted Band Edge
Band 2 5MHz/1907.5/High BPSK 1@24



Conducted Band Edge
Band 2 5MHz/1907.5/High QPSK 1@24





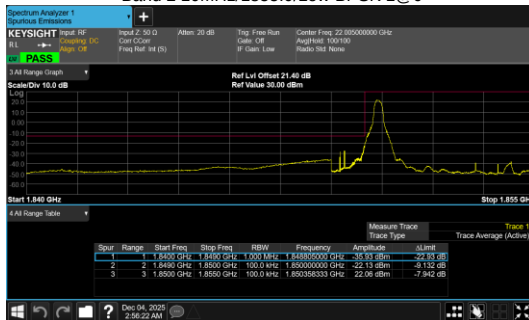
Conducted Band Edge
Band 2 5MHz/1907.5/High BPSK 25@0



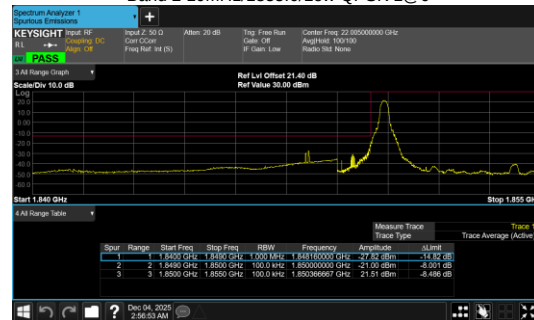
Conducted Band Edge
Band 2 5MHz/1907.5/High QPSK 25@0



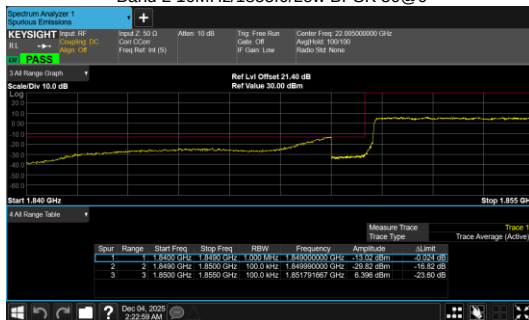
Conducted Band Edge
Band 2 10MHz/1855.0/Low BPSK 1@0



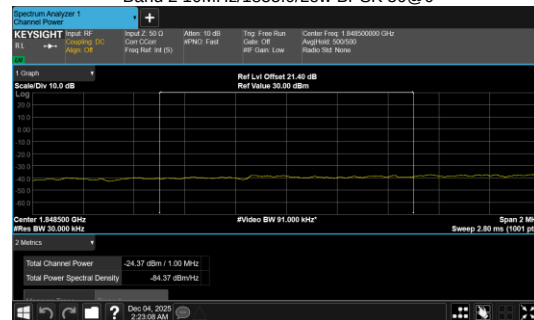
Conducted Band Edge
Band 2 10MHz/1855.0/Low QPSK 1@0



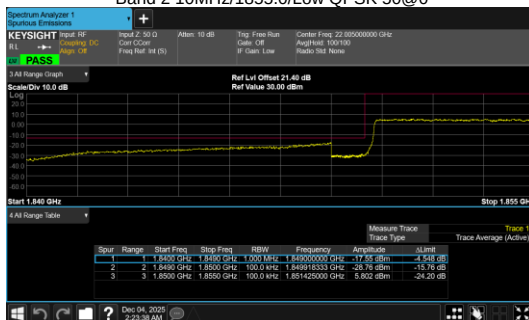
Conducted Band Edge
Band 2 10MHz/1855.0/Low BPSK 50@0



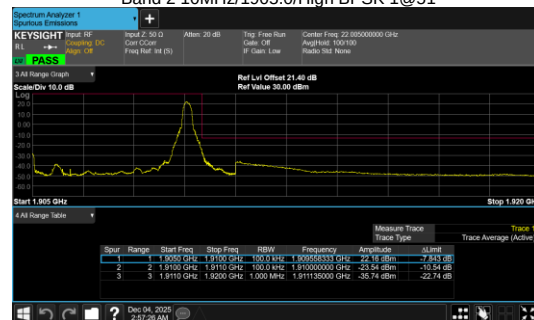
Conducted Band Edge CHP Range1 PASS
Band 2 10MHz/1855.0/Low BPSK 50@0



Conducted Band Edge
Band 2 10MHz/1855.0/Low QPSK 50@0

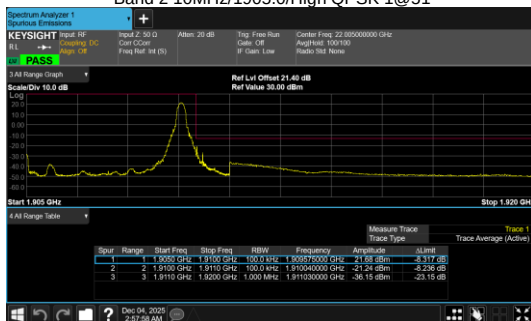


Conducted Band Edge
Band 2 10MHz/1905.0/High BPSK 1@51

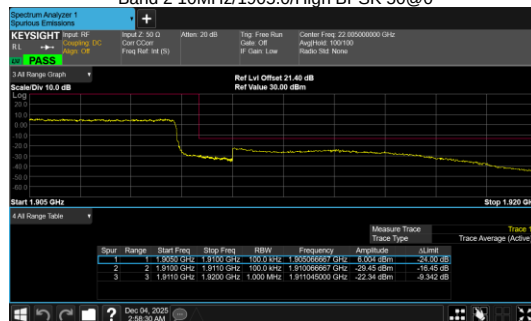




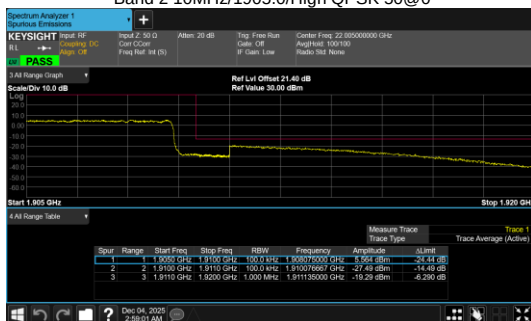
Conducted Band Edge
Band 2 10MHz/1905.0/High QPSK 1@51



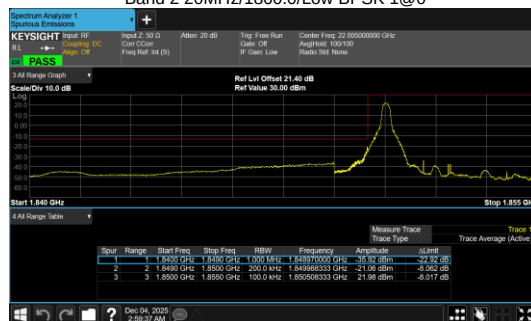
Conducted Band Edge
Band 2 10MHz/1905.0/High BPSK 50@0



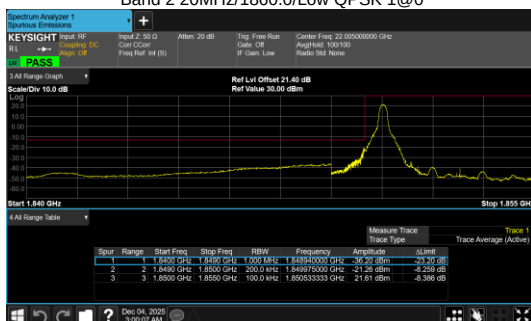
Conducted Band Edge
Band 2 10MHz/1905.0/High QPSK 50@0



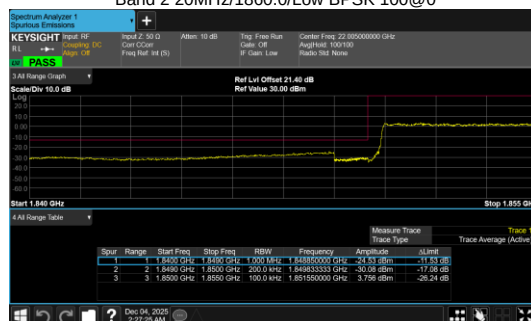
Conducted Band Edge
Band 2 20MHz/1860.0/Low BPSK 1@0



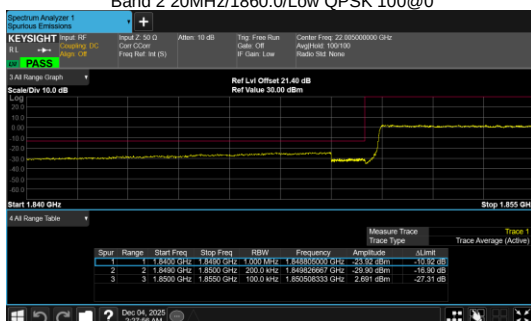
Conducted Band Edge
Band 2 20MHz/1860.0/Low QPSK 1@0



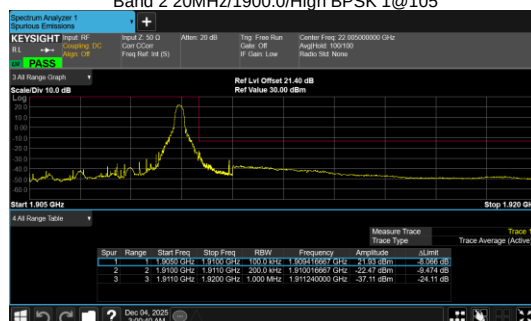
Conducted Band Edge
Band 2 20MHz/1860.0/Low BPSK 100@0

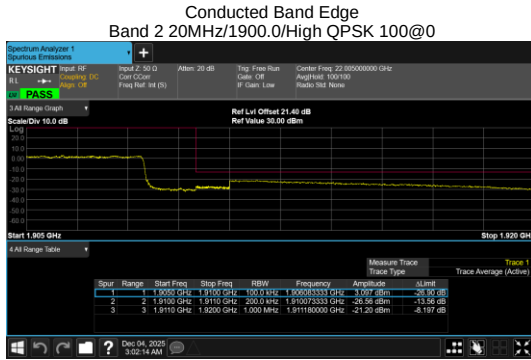
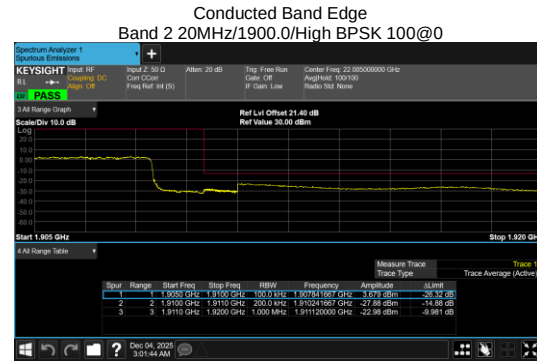
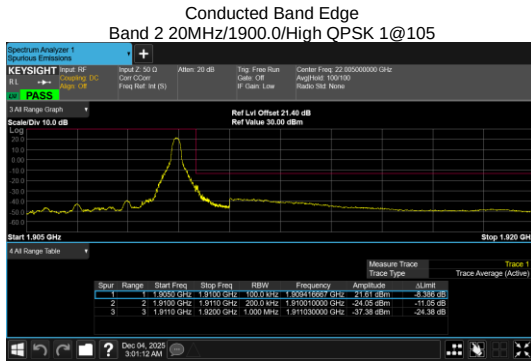


Conducted Band Edge
Band 2 20MHz/1860.0/Low QPSK 100@0



Conducted Band Edge
Band 2 20MHz/1900.0/High BPSK 1@105







FR1 N5_ANT0

Transmitter Conducted Output Power And ERP, ($G_T - L_C$)= -3.3 dB

NR Band	SCS	Band Width	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	24.64	19.19	0.0830
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	24.85	19.40	0.0871
5	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	23.88	18.43	0.0697
5	15	5	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	24.74	19.29	0.0849
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	24.88	19.43	0.0877
5	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.95	18.50	0.0708
5	15	5	169300	846.5	DFT-s-OFDM PI/2 BPSK	1@1	24.69	19.24	0.0839
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	24.88	19.43	0.0877
5	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	23.92	18.47	0.0703
5	15	10	165800	829	DFT-s-OFDM PI/2 BPSK	1@1	24.68	19.23	0.0838
5	15	10	165800	829	DFT-s-OFDM QPSK	1@1	24.91	19.46	0.0883
5	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	23.93	18.48	0.0705
5	15	10	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	24.80	19.35	0.0861
5	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	24.95	19.50	0.0891
5	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	24.03	18.58	0.0721
5	15	10	168800	844	DFT-s-OFDM PI/2 BPSK	1@1	24.69	19.24	0.0839
5	15	10	168800	844	DFT-s-OFDM QPSK	1@1	24.84	19.39	0.0869
5	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	23.90	18.45	0.0700
5	15	15	166300	831.5	DFT-s-OFDM PI/2 BPSK	1@1	24.70	19.25	0.0841
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	24.87	19.42	0.0875
5	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	23.90	18.45	0.0700
5	15	15	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	24.72	19.27	0.0845
5	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	24.89	19.44	0.0879
5	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.98	18.53	0.0713
5	15	15	168300	841.5	DFT-s-OFDM PI/2 BPSK	1@1	24.75	19.30	0.0851
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	24.83	19.38	0.0867
5	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	23.93	18.48	0.0705
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	24.62	19.17	0.0826
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@0	24.15	18.70	0.0741
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@104	24.71	19.26	0.0843
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	2@0	24.22	18.77	0.0753
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	50@25	24.81	19.36	0.0863
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	2@104	24.31	18.86	0.0769
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	100@0	24.30	18.85	0.0767
5	15	20	166800	834	DFT-s-OFDM QPSK	1@1	24.87	19.42	0.0875



NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP (dBm)	ERP(W)
5	15	20	166800	834	DFT-s-OFDM QPSK	1@0	23.67	18.22	0.0664
5	15	20	166800	834	DFT-s-OFDM QPSK	1@104	24.85	19.40	0.0871
5	15	20	166800	834	DFT-s-OFDM QPSK	2@0	23.79	18.34	0.0682
5	15	20	166800	834	DFT-s-OFDM QPSK	50@25	24.83	19.38	0.0867
5	15	20	166800	834	DFT-s-OFDM QPSK	2@104	23.82	18.37	0.0687
5	15	20	166800	834	DFT-s-OFDM QPSK	100@0	23.78	18.33	0.0681
5	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	23.90	18.45	0.0700
5	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	22.09	16.64	0.0461
5	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	20.31	14.86	0.0306
5	15	20	166800	834	DFT-s-OFDM 16 QAM	100@0	22.85	17.40	0.0550
5	15	20	166800	834	DFT-s-OFDM 64 QAM	100@0	22.38	16.93	0.0493
5	15	20	166800	834	DFT-s-OFDM 256 QAM	100@0	20.33	14.88	0.0308
5	15	20	166800	834	CP-OFDM QPSK	1@1	23.34	17.89	0.0615
5	15	20	166800	834	CP-OFDM QPSK	1@0	21.70	16.25	0.0422
5	15	20	166800	834	CP-OFDM QPSK	1@104	23.34	17.89	0.0615
5	15	20	166800	834	CP-OFDM QPSK	2@0	21.78	16.33	0.0430
5	15	20	166800	834	CP-OFDM QPSK	53@26	23.37	17.92	0.0619
5	15	20	166800	834	CP-OFDM QPSK	2@104	21.84	16.39	0.0436
5	15	20	166800	834	CP-OFDM QPSK	106@0	21.88	16.43	0.0440
5	15	20	166800	834	CP-OFDM 16 QAM	1@1	23.02	17.57	0.0571
5	15	20	166800	834	CP-OFDM 64 QAM	1@1	21.31	15.86	0.0385
5	15	20	166800	834	CP-OFDM 256 QAM	1@1	18.30	12.85	0.0193
5	15	20	166800	834	CP-OFDM QPSK	106@0	21.86	16.41	0.0438
5	15	20	166800	834	CP-OFDM 16 QAM	106@0	21.91	16.46	0.0443
5	15	20	166800	834	CP-OFDM 64 QAM	106@0	21.36	15.91	0.0390
5	15	20	166800	834	CP-OFDM 256 QAM	106@0	18.36	12.91	0.0195
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	24.69	19.24	0.0839
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@0	24.08	18.63	0.0729
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	24.71	19.26	0.0843
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	2@0	24.22	18.77	0.0753
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	24.83	19.38	0.0867
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	2@104	24.32	18.87	0.0771
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	24.31	18.86	0.0769
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	24.79	19.34	0.0859
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	23.67	18.22	0.0664
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	24.87	19.42	0.0875
5	15	20	167300	836.5	DFT-s-OFDM QPSK	2@0	23.81	18.36	0.0685
5	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	24.82	19.37	0.0865
5	15	20	167300	836.5	DFT-s-OFDM QPSK	2@104	23.85	18.40	0.0692
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	23.79	18.34	0.0682
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.92	18.47	0.0703



NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP (dBm)	ERP(W)
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	22.16	16.71	0.0469
5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	20.28	14.83	0.0304
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	100@0	22.88	17.43	0.0553
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	100@0	22.42	16.97	0.0498
5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	100@0	20.35	14.90	0.0309
5	15	20	167300	836.5	CP-OFDM QPSK	1@1	23.35	17.90	0.0617
5	15	20	167300	836.5	CP-OFDM QPSK	1@0	21.70	16.25	0.0422
5	15	20	167300	836.5	CP-OFDM QPSK	1@104	23.35	17.90	0.0617
5	15	20	167300	836.5	CP-OFDM QPSK	2@0	21.84	16.39	0.0436
5	15	20	167300	836.5	CP-OFDM QPSK	53@26	23.42	17.97	0.0627
5	15	20	167300	836.5	CP-OFDM QPSK	2@104	21.90	16.45	0.0442
5	15	20	167300	836.5	CP-OFDM QPSK	106@0	21.89	16.44	0.0441
5	15	20	167300	836.5	CP-OFDM 16 QAM	1@1	23.06	17.61	0.0577
5	15	20	167300	836.5	CP-OFDM 64 QAM	1@1	21.34	15.89	0.0388
5	15	20	167300	836.5	CP-OFDM 256 QAM	1@1	18.38	12.93	0.0196
5	15	20	167300	836.5	CP-OFDM QPSK	106@0	21.86	16.41	0.0438
5	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	21.86	16.41	0.0438
5	15	20	167300	836.5	CP-OFDM 64 QAM	106@0	21.37	15.92	0.0391
5	15	20	167300	836.5	CP-OFDM 256 QAM	106@0	18.36	12.91	0.0195
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	24.76	19.31	0.0853
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@0	24.16	18.71	0.0743
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@104	24.71	19.26	0.0843
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	2@0	24.32	18.87	0.0771
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	50@25	24.78	19.33	0.0857
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	2@104	24.29	18.84	0.0766
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	100@0	24.26	18.81	0.0760
5	15	20	167800	839	DFT-s-OFDM QPSK	1@1	24.95	19.50	0.0891
5	15	20	167800	839	DFT-s-OFDM QPSK	1@0	23.79	18.34	0.0682
5	15	20	167800	839	DFT-s-OFDM QPSK	1@104	24.92	19.47	0.0885
5	15	20	167800	839	DFT-s-OFDM QPSK	2@0	23.90	18.45	0.0700
5	15	20	167800	839	DFT-s-OFDM QPSK	50@25	24.78	19.33	0.0857
5	15	20	167800	839	DFT-s-OFDM QPSK	2@104	23.87	18.42	0.0695
5	15	20	167800	839	DFT-s-OFDM QPSK	100@0	23.79	18.34	0.0682
5	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	24.02	18.57	0.0719
5	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	22.10	16.65	0.0462
5	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	20.31	14.86	0.0306
5	15	20	167800	839	DFT-s-OFDM 16 QAM	100@0	22.83	17.38	0.0547
5	15	20	167800	839	DFT-s-OFDM 64 QAM	100@0	22.34	16.89	0.0489
5	15	20	167800	839	DFT-s-OFDM 256 QAM	100@0	20.34	14.89	0.0308
5	15	20	167800	839	CP-OFDM QPSK	1@1	23.33	17.88	0.0614
5	15	20	167800	839	CP-OFDM QPSK	1@0	21.73	16.28	0.0425



NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP (dBm)	ERP(W)
5	15	20	167800	839	CP-OFDM QPSK	1@104	23.32	17.87	0.0612
5	15	20	167800	839	CP-OFDM QPSK	2@0	21.78	16.33	0.0430
5	15	20	167800	839	CP-OFDM QPSK	53@26	23.40	17.95	0.0624
5	15	20	167800	839	CP-OFDM QPSK	2@104	21.84	16.39	0.0436
5	15	20	167800	839	CP-OFDM QPSK	106@0	21.87	16.42	0.0439
5	15	20	167800	839	CP-OFDM 16 QAM	1@1	23.03	17.58	0.0573
5	15	20	167800	839	CP-OFDM 64 QAM	1@1	21.34	15.89	0.0388
5	15	20	167800	839	CP-OFDM 256 QAM	1@1	18.32	12.87	0.0194
5	15	20	167800	839	CP-OFDM QPSK	106@0	21.88	16.43	0.0440
5	15	20	167800	839	CP-OFDM 16 QAM	106@0	21.89	16.44	0.0441
5	15	20	167800	839	CP-OFDM 64 QAM	106@0	21.33	15.88	0.0387
5	15	20	167800	839	CP-OFDM 256 QAM	106@0	18.32	12.87	0.0194



Frequency Stability

Test Result

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	0.0132	PASS	NV
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0074	PASS	LV
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0049	PASS	HV
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0000	PASS	-30℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0081	PASS	-20℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0057	PASS	-10℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0118	PASS	0℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0087	PASS	10℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0083	PASS	20℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0115	PASS	30℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0046	PASS	40℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0054	PASS	50℃

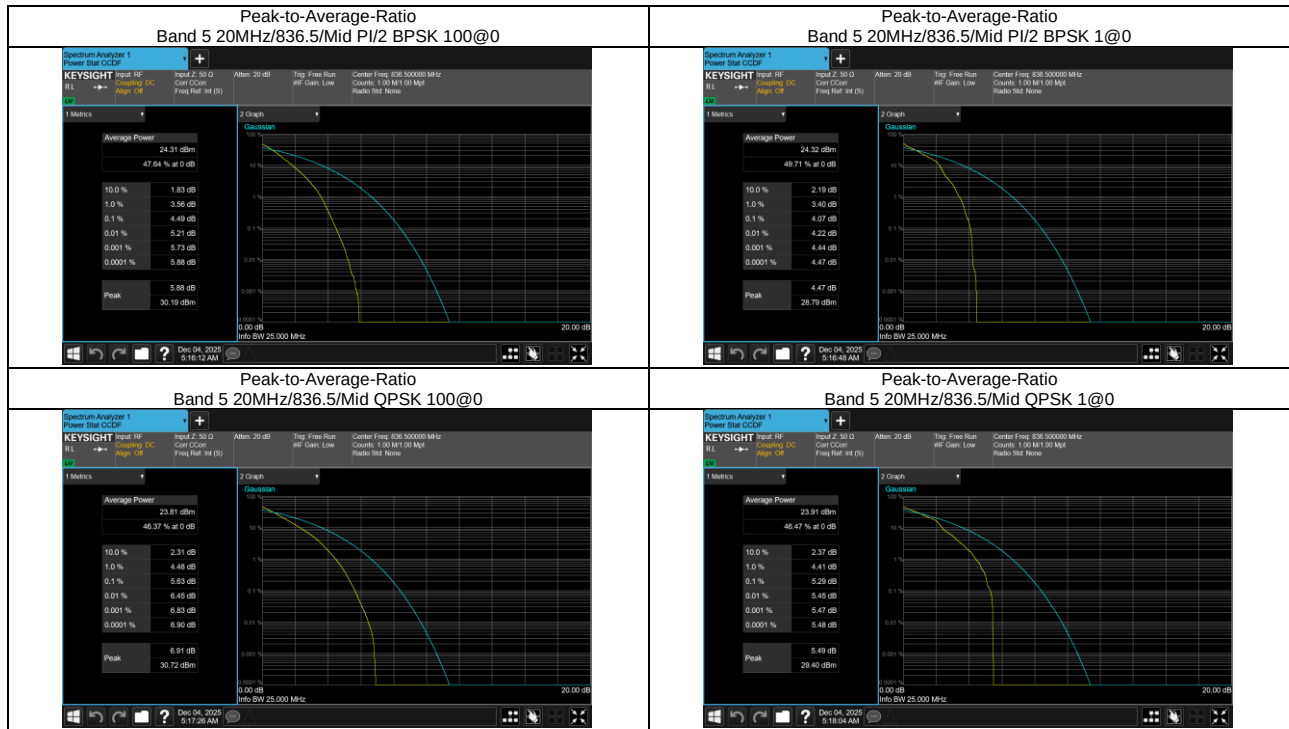


Peak to Average Ratio

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Limit	Verdict
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	4.49	13	PASS
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@0	4.07	13	PASS
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	5.63	13	PASS
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	5.29	13	PASS

Test Graphs





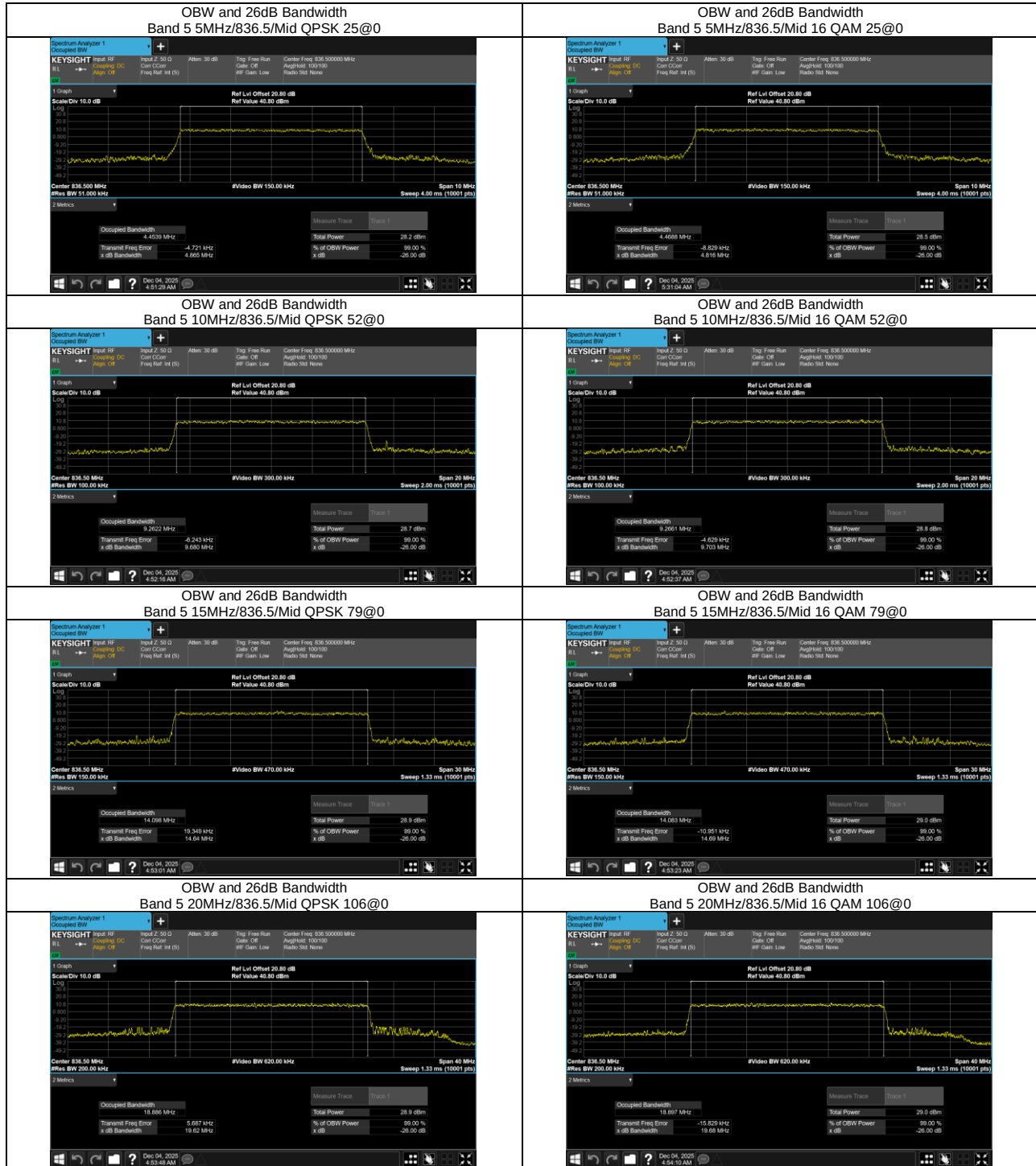
Occupied Bandwidth

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	4.45	4.865
5	15	5	167300	836.5	CP-OFDM 16 QAM	25@0	4.47	4.816
5	15	10	167300	836.5	CP-OFDM QPSK	52@0	9.26	9.68
5	15	10	167300	836.5	CP-OFDM 16 QAM	52@0	9.27	9.703
5	15	15	167300	836.5	CP-OFDM QPSK	79@0	14.1	14.64
5	15	15	167300	836.5	CP-OFDM 16 QAM	79@0	14.08	14.69
5	15	20	167300	836.5	CP-OFDM QPSK	106@0	18.89	19.62
5	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	18.9	19.68



Test Graphs





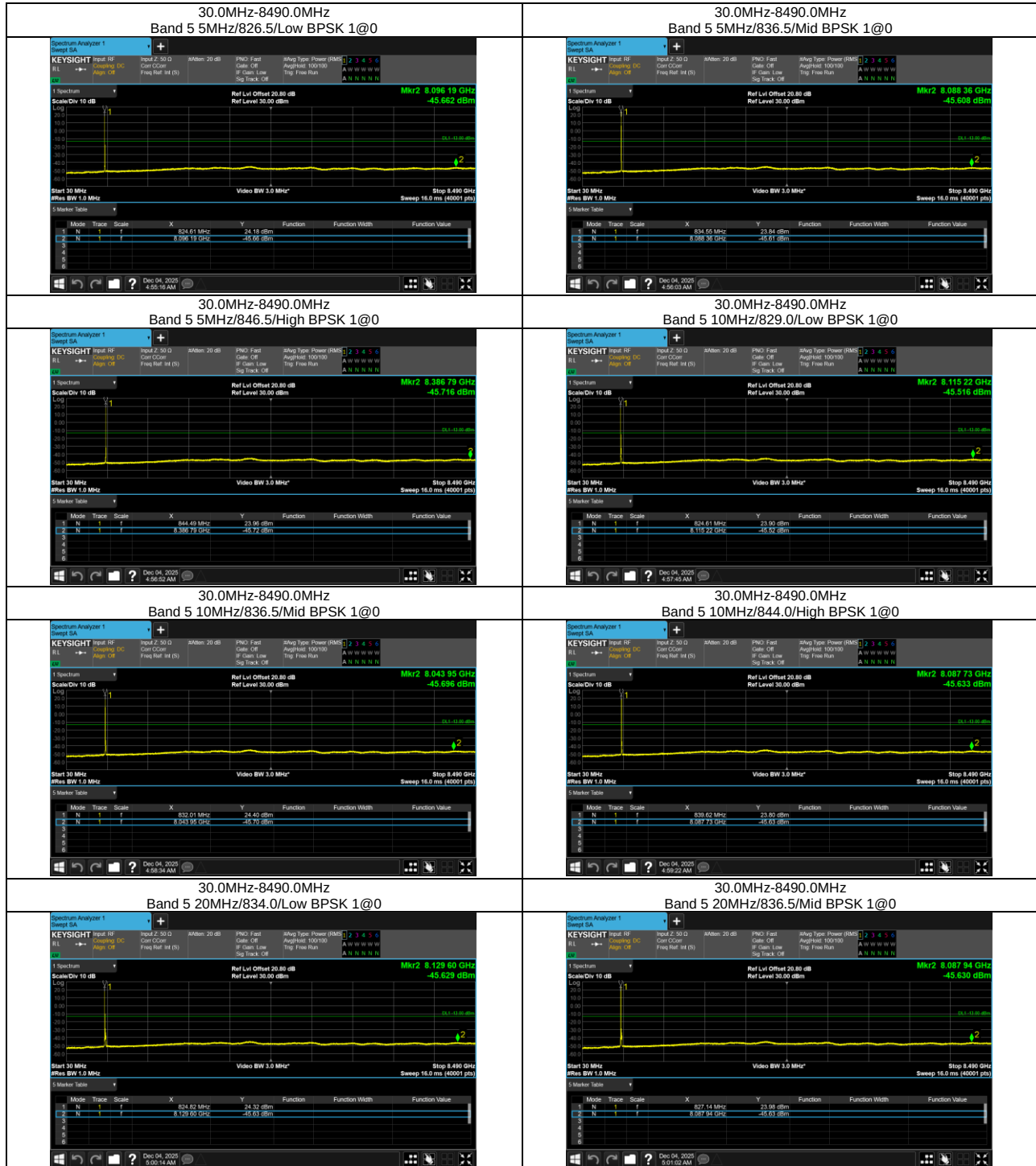
Conducted Spurious Emissions

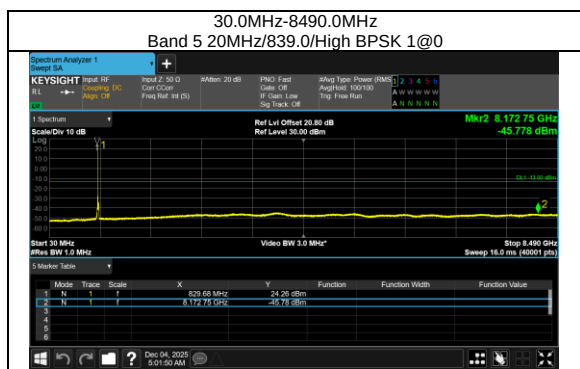
Test Result

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







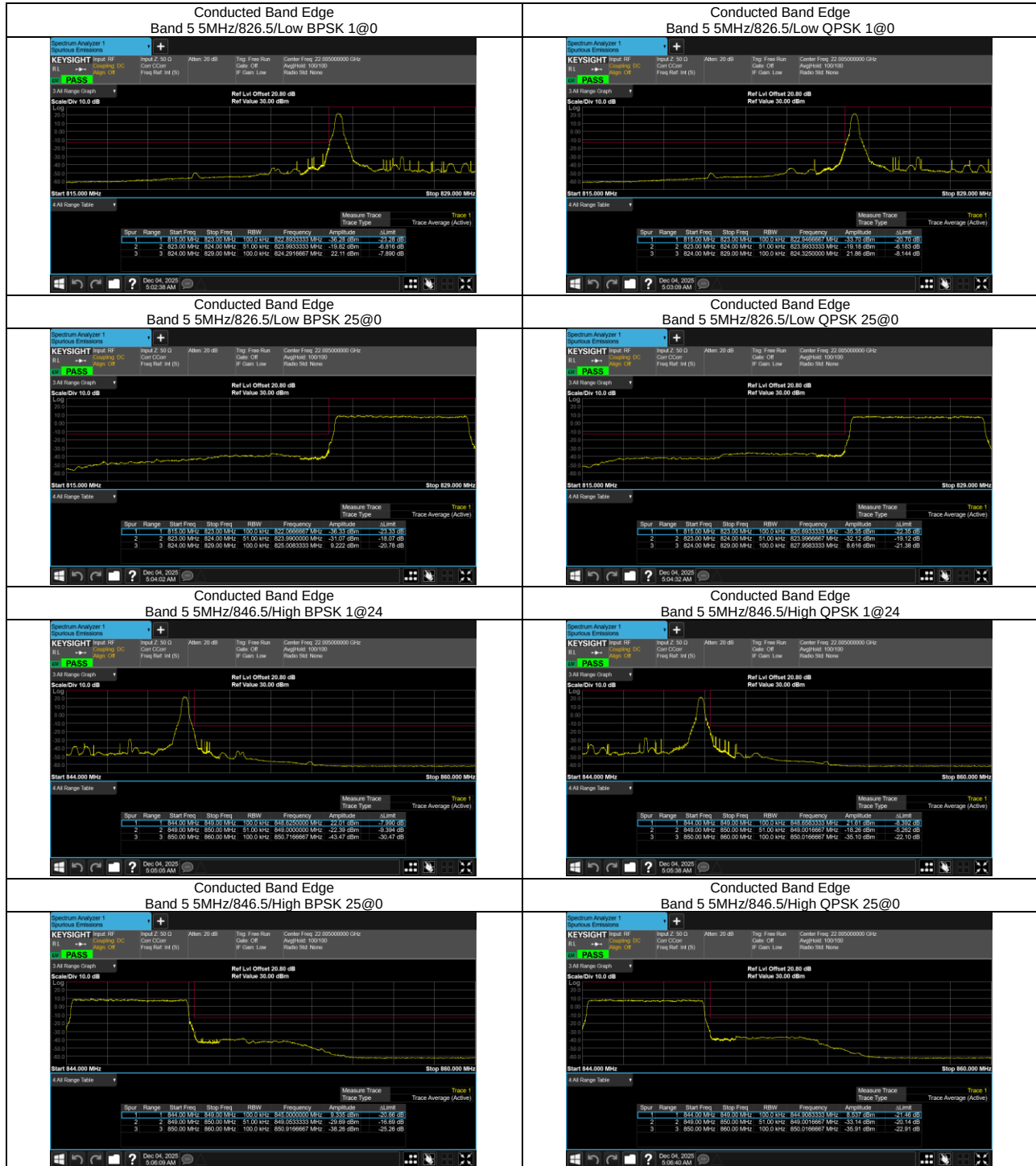
Conducted Band Edge

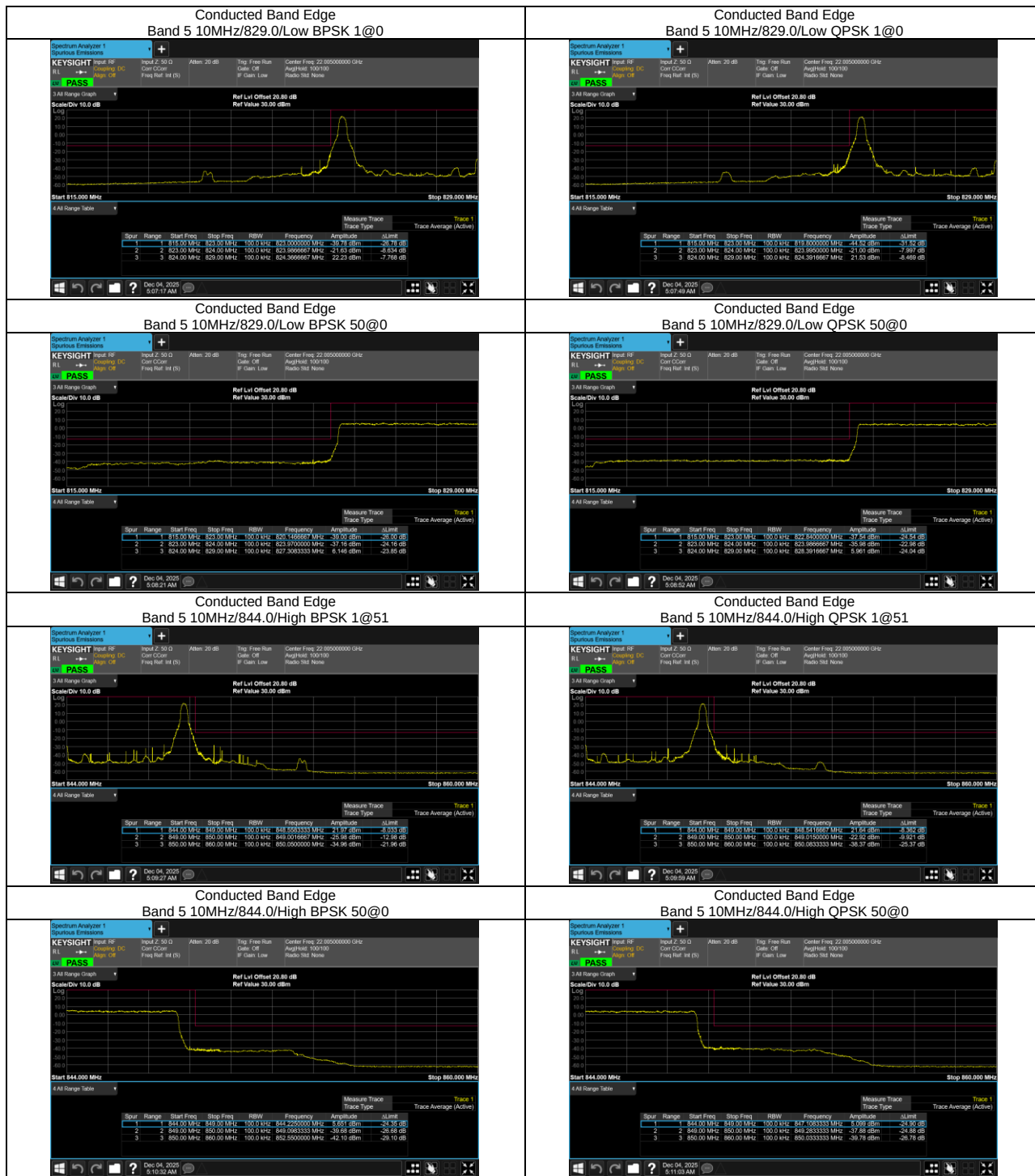
Test Result

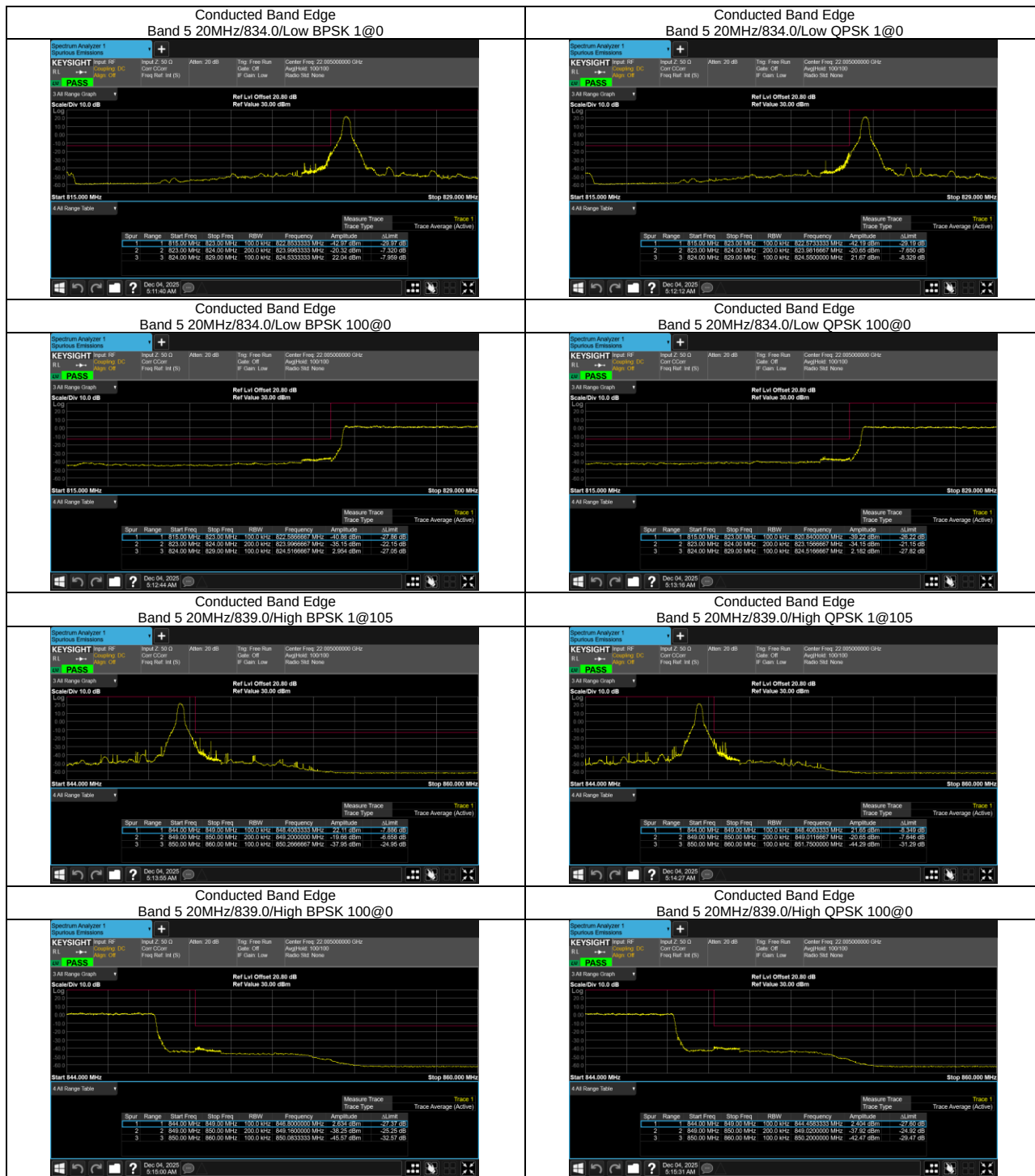
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
5	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	See graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM BPSK	25@0	See graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	See graph	PASS
5	15	5	169300	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









FR1 N66_ANT2

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)= -0.4 dB

NR Band	SCS	Band Width	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	25.15	24.75	0.2985
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	25.30	24.90	0.3090
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	24.41	24.01	0.2518
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.21	24.81	0.3027
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	25.36	24.96	0.3133
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.34	23.94	0.2477
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	25.08	24.68	0.2938
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	25.12	24.72	0.2965
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	24.23	23.83	0.2415
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	1@1	24.95	24.55	0.2851
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	25.12	24.72	0.2965
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	24.21	23.81	0.2404
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.25	24.85	0.3055
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	25.33	24.93	0.3112
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.33	23.93	0.2472
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	1@1	25.16	24.76	0.2992
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	25.31	24.91	0.3097
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	24.31	23.91	0.2460
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	24.90	24.50	0.2818
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	25.08	24.68	0.2938
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	24.19	23.79	0.2393
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.37	24.97	0.3141
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	25.50	25.10	0.3236
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.44	24.04	0.2535
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	25.39	24.99	0.3155
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	25.45	25.05	0.3199
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	24.39	23.99	0.2506
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	1@1	25.01	24.61	0.2891
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	25.16	24.76	0.2992
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	24.18	23.78	0.2388
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.06	24.66	0.2924
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	25.25	24.85	0.3055
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.39	23.99	0.2506
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@1	25.05	24.65	0.2917
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	25.19	24.79	0.3013



NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP(W)
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	24.31	23.91	0.2460
66	15	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	1@1	25.04	24.64	0.2911
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	25.10	24.70	0.2951
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	24.19	23.79	0.2393
66	15	25	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.14	24.74	0.2979
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	25.25	24.85	0.3055
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.32	23.92	0.2466
66	15	25	353500	1767.5	DFT-s-OFDM PI/2 BPSK	1@1	25.11	24.71	0.2958
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	25.28	24.88	0.3076
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	24.38	23.98	0.2500
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	1@1	24.96	24.56	0.2858
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	25.07	24.67	0.2931
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	24.23	23.83	0.2415
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.17	24.77	0.2999
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	25.25	24.85	0.3055
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.29	23.89	0.2449
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	1@1	25.13	24.73	0.2972
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	25.30	24.90	0.3090
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	24.40	24.00	0.2512
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	25.00	24.60	0.2884
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@0	24.40	24.00	0.2512
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@214	25.23	24.83	0.3041
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	2@0	24.45	24.05	0.2541
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	108@54	25.20	24.80	0.3020
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	2@214	24.68	24.28	0.2679
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	216@0	24.63	24.23	0.2649
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	25.10	24.70	0.2951
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@0	23.92	23.52	0.2249
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	25.40	25.00	0.3162
66	15	40	346000	1730	DFT-s-OFDM QPSK	2@0	24.07	23.67	0.2328
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	25.17	24.77	0.2999
66	15	40	346000	1730	DFT-s-OFDM QPSK	2@214	24.37	23.97	0.2495
66	15	40	346000	1730	DFT-s-OFDM QPSK	216@0	24.26	23.86	0.2432
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	24.21	23.81	0.2404
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	22.42	22.02	0.1592
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	20.74	20.34	0.1081
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	216@0	23.32	22.92	0.1959
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	216@0	22.89	22.49	0.1774
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	216@0	20.95	20.55	0.1135
66	15	40	346000	1730	CP-OFDM QPSK	1@1	23.69	23.29	0.2133
66	15	40	346000	1730	CP-OFDM QPSK	1@0	22.14	21.74	0.1493



NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP(W)
66	15	40	346000	1730	CP-OFDM QPSK	1@214	23.89	23.49	0.2234
66	15	40	346000	1730	CP-OFDM QPSK	2@0	22.17	21.77	0.1503
66	15	40	346000	1730	CP-OFDM QPSK	108@54	23.81	23.41	0.2193
66	15	40	346000	1730	CP-OFDM QPSK	2@214	22.41	22.01	0.1589
66	15	40	346000	1730	CP-OFDM QPSK	216@0	22.33	21.93	0.1560
66	15	40	346000	1730	CP-OFDM 16 QAM	1@1	23.45	23.05	0.2018
66	15	40	346000	1730	CP-OFDM 64 QAM	1@1	21.76	21.36	0.1368
66	15	40	346000	1730	CP-OFDM 256 QAM	1@1	18.85	18.45	0.0700
66	15	40	346000	1730	CP-OFDM QPSK	216@0	22.47	22.07	0.1611
66	15	40	346000	1730	CP-OFDM 16 QAM	216@0	22.33	21.93	0.1560
66	15	40	346000	1730	CP-OFDM 64 QAM	216@0	21.89	21.49	0.1409
66	15	40	346000	1730	CP-OFDM 256 QAM	216@0	19.00	18.60	0.0724
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.13	24.73	0.2972
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@0	24.40	24.00	0.2512
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@214	25.18	24.78	0.3006
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	2@0	24.40	24.00	0.2512
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	108@54	25.16	24.76	0.2992
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	2@214	24.72	24.32	0.2704
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	216@0	24.72	24.32	0.2704
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	25.12	24.72	0.2965
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@0	23.86	23.46	0.2218
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	25.37	24.97	0.3141
66	15	40	349000	1745	DFT-s-OFDM QPSK	2@0	24.03	23.63	0.2307
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	25.25	24.85	0.3055
66	15	40	349000	1745	DFT-s-OFDM QPSK	2@214	24.24	23.84	0.2421
66	15	40	349000	1745	DFT-s-OFDM QPSK	216@0	24.23	23.83	0.2415
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.25	23.85	0.2427
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	22.44	22.04	0.1600
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	20.70	20.30	0.1072
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	216@0	23.32	22.92	0.1959
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	216@0	22.84	22.44	0.1754
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	216@0	20.91	20.51	0.1125
66	15	40	349000	1745	CP-OFDM QPSK	1@1	23.68	23.28	0.2128
66	15	40	349000	1745	CP-OFDM QPSK	1@0	22.07	21.67	0.1469
66	15	40	349000	1745	CP-OFDM QPSK	1@214	23.83	23.43	0.2203
66	15	40	349000	1745	CP-OFDM QPSK	2@0	22.14	21.74	0.1493
66	15	40	349000	1745	CP-OFDM QPSK	108@54	23.88	23.48	0.2228
66	15	40	349000	1745	CP-OFDM QPSK	2@214	22.34	21.94	0.1563
66	15	40	349000	1745	CP-OFDM QPSK	216@0	22.32	21.92	0.1556
66	15	40	349000	1745	CP-OFDM 16 QAM	1@1	23.40	23.00	0.1995
66	15	40	349000	1745	CP-OFDM 64 QAM	1@1	21.71	21.31	0.1352



NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP(W)
66	15	40	349000	1745	CP-OFDM 256 QAM	1@1	18.84	18.44	0.0698
66	15	40	349000	1745	CP-OFDM QPSK	216@0	22.41	22.01	0.1589
66	15	40	349000	1745	CP-OFDM 16 QAM	216@0	22.40	22.00	0.1585
66	15	40	349000	1745	CP-OFDM 64 QAM	216@0	21.88	21.48	0.1406
66	15	40	349000	1745	CP-OFDM 256 QAM	216@0	18.97	18.57	0.0719
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	25.02	24.62	0.2897
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@0	24.43	24.03	0.2529
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@214	24.99	24.59	0.2877
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	2@0	24.42	24.02	0.2523
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	108@54	25.12	24.72	0.2965
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	2@214	24.57	24.17	0.2612
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	216@0	24.58	24.18	0.2618
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	25.07	24.67	0.2931
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@0	23.92	23.52	0.2249
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	25.24	24.84	0.3048
66	15	40	352000	1760	DFT-s-OFDM QPSK	2@0	24.02	23.62	0.2301
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	25.15	24.75	0.2985
66	15	40	352000	1760	DFT-s-OFDM QPSK	2@214	24.07	23.67	0.2328
66	15	40	352000	1760	DFT-s-OFDM QPSK	216@0	24.05	23.65	0.2317
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	24.18	23.78	0.2388
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	22.48	22.08	0.1614
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	20.74	20.34	0.1081
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	216@0	23.27	22.87	0.1936
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	216@0	22.76	22.36	0.1722
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	216@0	20.85	20.45	0.1109
66	15	40	352000	1760	CP-OFDM QPSK	1@1	23.72	23.32	0.2148
66	15	40	352000	1760	CP-OFDM QPSK	1@0	22.07	21.67	0.1469
66	15	40	352000	1760	CP-OFDM QPSK	1@214	23.72	23.32	0.2148
66	15	40	352000	1760	CP-OFDM QPSK	2@0	22.10	21.70	0.1479
66	15	40	352000	1760	CP-OFDM QPSK	108@54	23.80	23.40	0.2188
66	15	40	352000	1760	CP-OFDM QPSK	2@214	22.26	21.86	0.1535
66	15	40	352000	1760	CP-OFDM QPSK	216@0	22.25	21.85	0.1531
66	15	40	352000	1760	CP-OFDM 16 QAM	1@1	23.33	22.93	0.1963
66	15	40	352000	1760	CP-OFDM 64 QAM	1@1	21.71	21.31	0.1352
66	15	40	352000	1760	CP-OFDM 256 QAM	1@1	18.86	18.46	0.0701
66	15	40	352000	1760	CP-OFDM QPSK	216@0	22.36	21.96	0.1570
66	15	40	352000	1760	CP-OFDM 16 QAM	216@0	22.37	21.97	0.1574
66	15	40	352000	1760	CP-OFDM 64 QAM	216@0	21.86	21.46	0.1400
66	15	40	352000	1760	CP-OFDM 256 QAM	216@0	18.91	18.51	0.0710



Frequency Stability

Test Result

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	0.0058	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0131	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0127	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0000	PASS	-30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0049	PASS	-20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0058	PASS	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0053	PASS	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0078	PASS	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0089	PASS	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0091	PASS	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0059	PASS	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0134	PASS	50℃

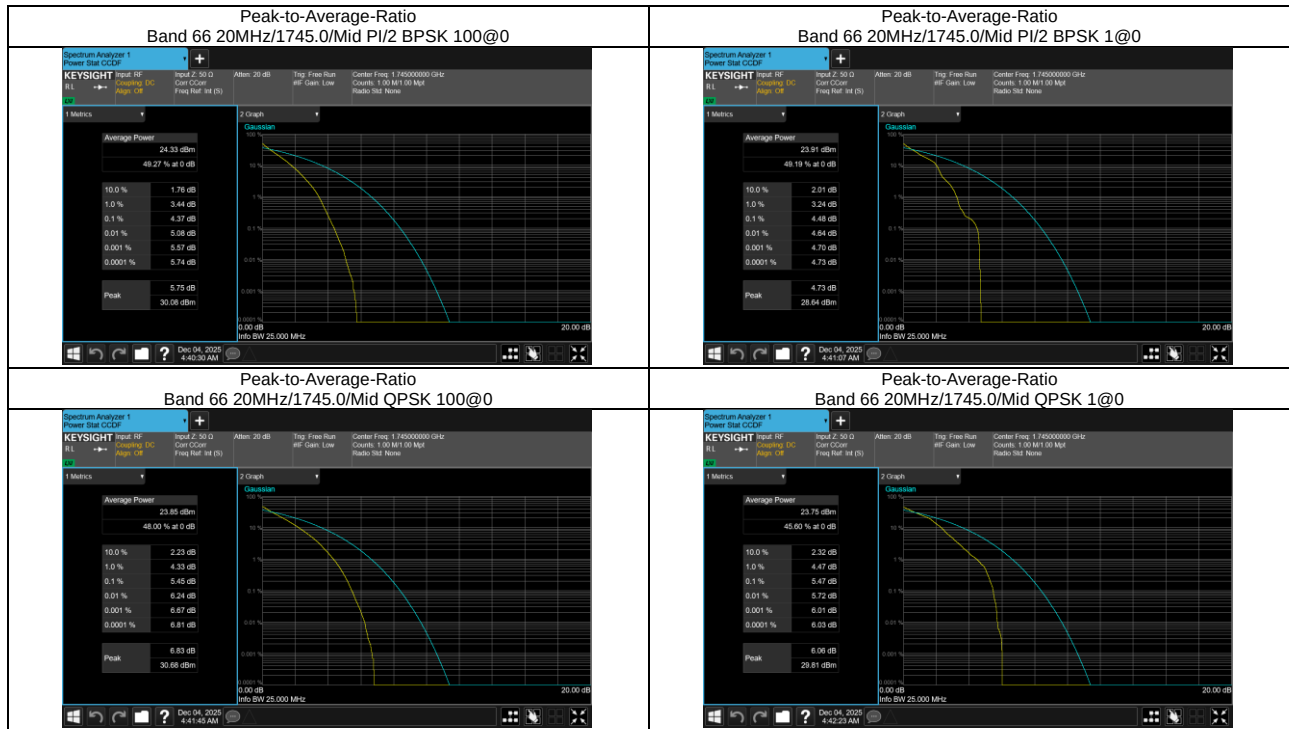


Peak to Average Ratio

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Limit	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.37	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	4.48	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.45	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	5.47	13	PASS

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	4.45	4.848
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.46	4.772
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.26	9.704
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.26	9.745
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.08	14.7
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.09	14.6
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.92	19.6
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.88	19.62
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.67	24.61
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.73	24.69
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.46	29.78
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.5	29.65
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.43	39.74
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.51	39.97