



FCC RADIO TEST REPORT

FCC ID : A4RGTF7P
Equipment : Phone
Model Name : GTF7P, G3Y12
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC 47 CFR Part 2, 22(H), 27, Part 90(S)

The product was received on May 23, 2024 and testing was performed from May 27, 2024 to Oct. 22, 2024. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG451607G	01	Initial issue of report	Nov. 01, 2024
FG451607G	02	Remove 5G NR n14, n25, n30, n70, n71 and revise appendix C This report is an updated version, replacing the report issued on Nov. 01, 2024.	Nov. 01, 2024
FG451607G	03	Remove 5G NR n2, n66, UL MIMO and revise appendix C This report is an updated version, replacing the report issued on Nov. 01, 2024.	Nov. 08, 2024
FG451607G	04	Revise Appendix A and Appendix C This report is an updated version, replacing the report issued on Nov. 08, 2024.	Nov. 11, 2024
FG451607G	05	Revise Appendix C This report is an updated version, replacing the report issued on Nov. 11, 2024.	Nov. 12, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§22.913 (a)(5) §90.635	Effective Radiated Power (n5) (n26)	Pass	
	§27.50 (c)(10)	Effective Radiated Power (n12)		
	§27.50 (h)(2)	Equivalent Isotropic Radiated Power (n7) (n38) (n41)		
	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (n77) (n78)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (n77) (n78)		
3.3	-	Peak-to-Average Ratio	Reporting only	-
3.4	§2.1049	Occupied Bandwidth	Pass	-
3.5	§2.1051 §22.917 (a) §27.53 (g)	Conducted Band Edge Measurement (n5) (n12) (n26)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (n7) (n38) (n41)		
	§2.1051 §27.53 (l)(2)	Conducted Band Edge Measurement (n77) (n78)		
	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement (n77) (n78)		
3.6	§2.1051 §90.691	Emission masks (n26)	Pass	-
3.7	§2.1051 §22.917 (a) §27.53 (g) §90.691	Conducted Spurious Emission (n5) (n12) (n26)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (n7) (n38) (n41)		
	§2.1051 §27.53 (l)(2)	Conducted Spurious Emission (n77) (n78)		
	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (n77) (n78)		



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.8	§2.1055 §22.355 §27.54 §90.213	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1053 §22.917 (a) §27.53 (g) §90.691	Radiated Spurious Emission (n5) (n12) (n26)	Pass	7.26 dB under the limit at 6932.00 MHz
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (n7) (n38) (n41)		
	§2.1053 §27.53 (l)(2)	Radiated Spurious Emission (n77) (n78)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (n77) (n78)		

Conformity Assessment Condition:

1. ECR inquiry for data referencing from A4RGXQ96 has been approved by FCC. The ECR inquiry and the associated document are submitted in the confidential exhibit.
2. A4RGTF7P is different from FCC ID: A4RGXQ96 (Reference model), in the following:
 - The only difference between A4RGXQ96 and A4RGTF7P are the WWAN support bands, which is controlled by software.
3. All the test results are referenced from A4RGXQ96 (Sporton Test Report FG451606C), and spot check results to justify data referencing is presented in the Appendix C.
4. 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.
5. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

1. 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.
2. The GTF7P and G3Y12 are 100% identical in Hardware / Software to each other, and only have different model names for marketing segmentation.

Reviewed by: William Chen**Report Producer: Michelle Chen**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs GSM/WCDMA/LTE/5G NR, Bluetooth, BLE, BLE channel sounding, Wi-Fi 802.11ax, NFC, WPC Rx and GNSS.
Antenna Type WWAN: <Ant. 0>: ILA Antenna <Ant. 1>: ILA Antenna <Ant. 2>: IFA Antenna <Ant. 5>: IFA Antenna <Ant. 6>: IFA Antenna

EUT Information List	
S/N	Performed Test Item
46181JEBF10498	Conducted Measurement EIRP/ERP
44291JEBF05095 46181JEBF10892	Radiated Spurious Emission

Support band and evaluated information	
Supported band	n5, n7, n12, n26, n38, n41, n77, n78
Evaluated and Tested band	n5, n7, n12, n26, n38, n41, n77, n78
Band covered information	Conducted test items and RSE frequency band range covers another band when the power is worse as follows: ■ n26 cover n5 (Part 22H) ■ n41 cover n38 (Part 27) ■ n77 cover n78 (Part 27)



Antenna information (dBi)						
Band	Ant0	Ant1	Ant2	Ant5	Main Ant. #	Sub Ant. #
n5	-2.8	-5.3	-	-	0	1
n12	-5.3	-8.3	-	-	0	1
n26	-2.6	-5.2	-	-	0	1
n7	-1.5	-	-0.4	-	2	0
n38	-2.9	-	-0.5	-	2	0
n41	-1.5	0.2	-0.3	-1.1	2	0

Antenna information (dBi)						
Band	Ant1	Ant2	Ant5	Ant6	Main Ant. #	Sub Ant. #
n77	-2.4	0.8	-2.7	0	6	2
n78	-2.4	0.8	-2.7	-0.7	6	2

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. For Test Items, Main Ant. means Tx0 and Sub Ant. means Tx1.
3. After preliminary scan, the Ant 0 for Low band and Ant 2 for Mid/high band and Ant 6 for n77/n78 are selected as the worst mode to be reported for conducted test.



1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. TH03-HY
Test Engineer	Luffy Lin, Kelvin Lu, Sherry Wu, and Hank Chen
Temperature (°C)	20~24
Relative Humidity (%)	51~56

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH21-HY (TAF Code: 3786)
Test Engineer	Jack Cheng, Ray Lung, and Sky Chang
Temperature (°C)	18~26
Relative Humidity (%)	50~70
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW3786



1.4 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 22(H), 27, Part 90(S)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find X Plane with Adapter for 5G NR n7, 5G NR n41, and EN-DC LTE Band 5 + 5G NR n41; Y Plane with Earphone for 5G NR n77 (Part27Q) and EN-DC LTE Band 7 + 5G NR n77 (Part27Q); Y Plane without Accessory for 5G NR n26 (Part90S) and EN-DC LTE Band 2 + 5G NR n26 (Part90S); Z Plane with Aadapter for 5G NR n26 (Part22H), EN-DC LTE Band 2 + 5G NR n26, 5G NR n12, and EN-DC LTE Band 2 + 5G NR n12; Z Plane with Earphone for 5G NR n77 (Part27O), and EN-DC LTE Band 7 + 5G NR n77 (Part27O) as worst Plane.



Modulation Type	Modulation	Modulation Type	Modulation
A	DFT-s-OFDM PI/2 BPSK	N/A	N/A
B	DFT-s-OFDM QPSK	F	CP-OFDM QPSK
C	DFT-s-OFDM 16QAM	G	CP-OFDM 16QAM
D	DFT-s-OFDM 64QAM	H	CP-OFDM 64QAM
E	DFT-s-OFDM 256QAM	I	CP-OFDM 256QAM

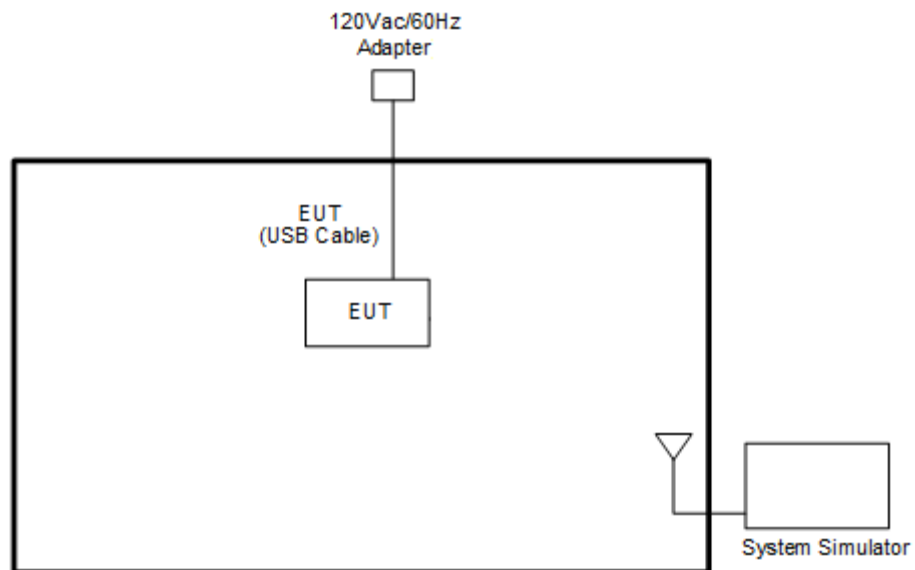
Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D, E, F, G, H, I	All	1, Half, Full	L, M, H
EIRP	A, B, C, D, E, F, G, H, I	All	1, Half, Full	L, M, H
PAR	A, B, C, D, E, F, G, H, I	20 MHz or less	Outer_Full	M
Bandwidth	A, F, G, H, I	All	Outer_Full	M
CBE	A, B, C, D, E, F, G, H, I	10MHz or less	Outer_1RB	L, H
		All	Outer_Full	
CSE	B, F	Minimum	Inner_1RB	L, M, H
Frequency Stability	A, F	20 MHz or less	Outer_Full	M
RSE	A or B	20 MHz or less	Inner_1RB	L, M, H

Remark:

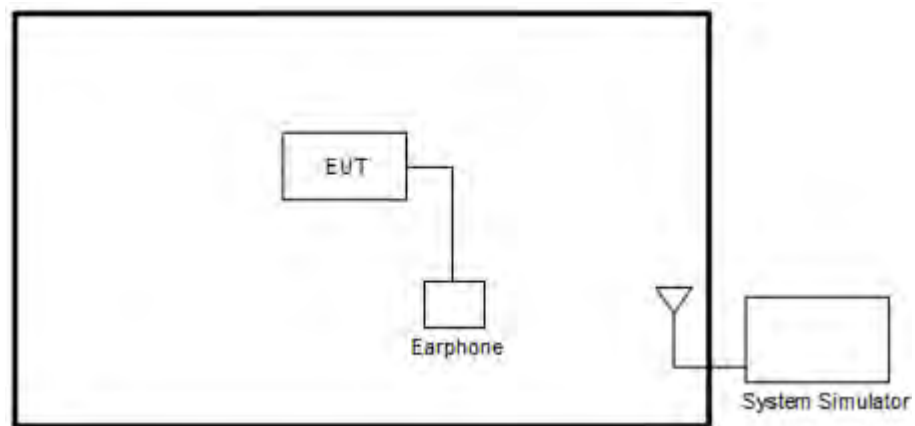
1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. For 5G NR test combination are EN-DC 2A_n26A, EN-DC 2A_n12A, EN-DC 5A_n41A, and EN-DC 7A_n77A.
4. The PAR result is stable for each supported bandwidth so only one representative bandwidth among all supported bandwidths is selected for PAR testing.
5. During the RSE preliminary test, the standalone mode and charging modes (Adapter mode and WPC Rx mode) were verified. It is determined that the adapter mode is the worst case for the official test.
6. All the radiated test cases were performed USB Cable 1.

2.2 Connection Diagram of Test System

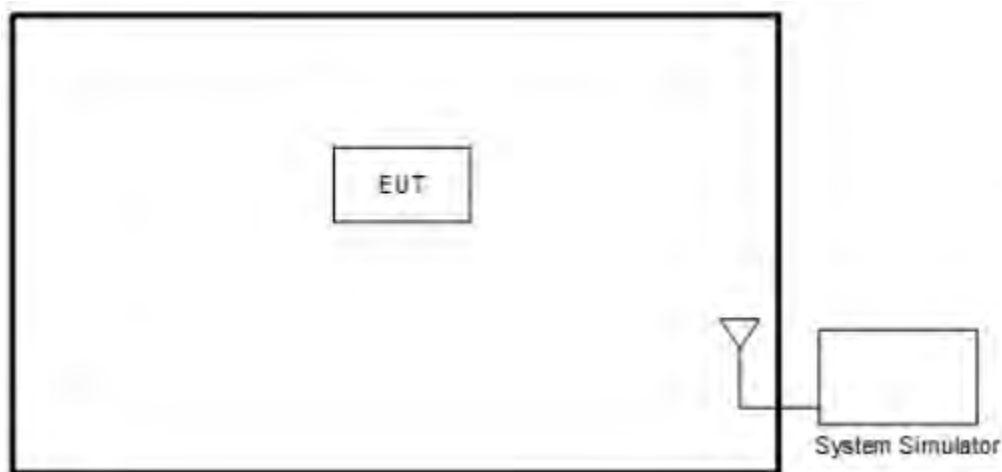
<EUT with Adapter>



<EUT with Earphone>



<EUT without Accessory>



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	Earphone	N/A	G019A	N/A	Unshielded, 1.1m	N/A
4.	AC Adapter	N/A	GW8L7	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 4.2 dB and 10dB attenuator.

Example :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 4.2 + 10 = 14.2 \text{ (dB)}
 \end{aligned}$$



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
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 n12 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	141300	141500	141700
	Frequency	706.5	707.5	708.5
10	Channel	140800	141500	142200
	Frequency	704	707.5	711
5	Channel	140300	141500	142700
	Frequency	701.5	707.5	713.5



5G NR n26 Channel and Frequency List (Part22H)				
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 n26 Channel and Frequency List (Part90S)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	163800	-
	Frequency	-	819	-
5	Channel	163300	163800	164300
	Frequency	816.5	819	821.5

5G NR n26 Straddle Channel and Frequency List (Part 90S)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	-	164800	-
	Frequency	-	824	-
15	Channel	-	164800	-
	Frequency	-	824	-
10	Channel	-	164800	-
	Frequency	-	824	-
5	Channel	-	164800	-
	Frequency	-	824	-



5G NR n38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
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				
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
40	Channel	503202	518598	534000
	Frequency	2516.01	2592.99	2670
30	Channel	502200	518598	534996
	Frequency	2511	2592.99	2674.98
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 Band n77 (Part270) Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	650000	656000	662000
	Frequency	3750	3840	3930
90	Channel	649668	656000	662332
	Frequency	3745.02	3840	3934.98
80	Channel	649334	656000	662666
	Frequency	3740.01	3840	3939.99
70	Channel	649000	656000	663000
	Frequency	3735	3840	3945
60	Channel	648668	656000	663332
	Frequency	3730.02	3840	3949.98
50	Channel	648334	656000	663666
	Frequency	3725.01	3840	3954.99
40	Channel	648000	656000	664000
	Frequency	3720	3840	3960
30	Channel	647668	656000	664332
	Frequency	3715.02	3840	3965
25	Channel	647500	656000	664500
	Frequency	3712.5	3840	3967.5
20	Channel	647334	656000	664666
	Frequency	3710.01	3840	3969.99
15	Channel	647168	656000	664832
	Frequency	3707.52	3840	3972.48
10	Channel	647000	656000	665000
	Frequency	3705	3840	3975



5G NR n78 (Part270) Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	-	650000	-
	Frequency	-	3750	-
90	Channel	649668	650000	650332
	Frequency	3745.02	3750	3754.98
80	Channel	649334	650000	650666
	Frequency	3740.01	3750	3759.99
70	Channel	649000	650000	651000
	Frequency	3735	6750	3765
60	Channel	648668	650000	651332
	Frequency	3730.02	3750	3769.98
50	Channel	648334	650000	651666
	Frequency	3725.01	3750	3774.99
40	Channel	648000	650000	652000
	Frequency	3720	3750	3780
30	Channel	647668	650000	652332
	Frequency	3715.02	3750	3784.98
25	Channel	647500	650000	652500
	Frequency	3712.5	3750	3787.5
20	Channel	647334	650000	652666
	Frequency	3710.01	3750	3789.99
15	Channel	647168	650000	652832
	Frequency	3707.52	3750	3792.48
10	Channel	647000	650000	653000
	Frequency	3705	3750	3795



5G NR Band n77 (Part27Q) Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	-	633334	-
	Frequency	-	3500.01	-
90	Channel	633000	633334	633666
	Frequency	3495	3500.01	3504.99
80	Channel	632668	633334	634000
	Frequency	3490.02	3500.01	3510
70	Channel	632334	633334	634332
	Frequency	3485.01	3500.01	3514.98
60	Channel	632000	633334	634666
	Frequency	3480	3500.01	3519.99
50	Channel	631668	633334	635000
	Frequency	3475.02	3500.01	3525
40	Channel	631334	633334	635332
	Frequency	3470.01	3500.01	3529.98
30	Channel	631000	633334	635666
	Frequency	3465	3500.01	3534.99
25	Channel	630834	633334	635832
	Frequency	3462.51	3500.01	3537.48
20	Channel	630668	633334	636000
	Frequency	3460.02	3500.01	3540
15	Channel	630500	633334	636166
	Frequency	3457.5	3500.01	3542.49
10	Channel	630334	633334	636332
	Frequency	3455.01	3500.01	3544.98



5G NR n78 (Part27Q) Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	-	633334	-
	Frequency	-	3500.01	-
90	Channel	633000	633334	633666
	Frequency	3495	3500.01	3504.99
80	Channel	632668	633334	634000
	Frequency	3490.02	3500.01	3510
70	Channel	632334	633334	634332
	Frequency	3485.01	3500.01	3514.98
60	Channel	632000	633334	634666
	Frequency	3480	3500.01	3519.99
50	Channel	631668	633334	635000
	Frequency	3475.02	3500.01	3525
40	Channel	631334	633334	635332
	Frequency	3470.01	3500.01	3529.98
30	Channel	631000	633334	635666
	Frequency	3465	3500.01	3534.99
25	Channel	630834	633334	635832
	Frequency	3462.51	3500.01	3537.48
20	Channel	630668	633334	636000
	Frequency	3460.02	3500.01	3540
15	Channel	630500	633334	636166
	Frequency	3457.5	3500.01	3542.49
10	Channel	630334	633334	636332
	Frequency	3455.01	3500.01	3544.98

3 Conducted Test Items

3.1 Measuring Instruments

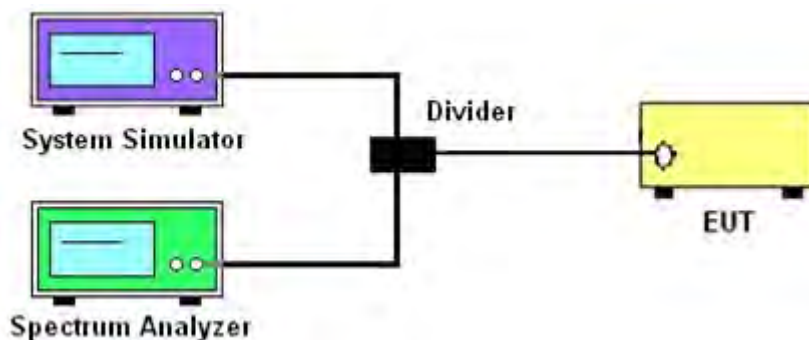
See list of measuring instruments of this test report.

3.1.1 Test Setup

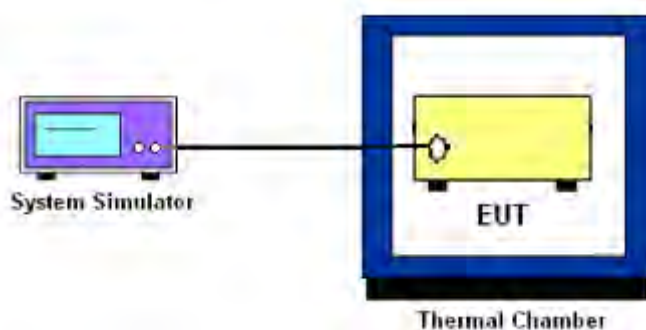
3.1.2 Conducted Output Power



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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and ERP/EIRP

3.2.1 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, n26 (Part 22H)

The power of mobile transmitters must not exceed 100 Watts for 5G NR n26 (Part 90S)

The ERP of mobile transmitters must not exceed 3 Watts for 5G NR n12,

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n7, n38, n41
, n77, n78

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

3.2.2 Test Procedures

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



3.3 Peak-to-Average Ratio

3.3.1 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.

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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



3.4 Occupied Bandwidth

3.4.1 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.

3.4.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. 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.
3. 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.
4. Set the detection mode to peak, and the trace mode to max hold.
5. 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)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. 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.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



3.5 Conducted Band Edge

3.5.1 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.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ 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 than $43 + 10 \log (P)$ 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.

**27.53 (l)(2)**

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

27.53 (n)(2)

For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz 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, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.



3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW $\geq$ 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.

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

For 5G NR n7, n38, n41

The other 40 dB, and 55 dB have additionally applied same calculation above.



3.6 Emission Mask

3.6.1 Description of Emissions Mask Measurement

For 5G NR n26

Equipment used in this licensed to EA or non-EA systems shall comply with the emission mask provisions of FCC Part 90.691

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

3.6.2 Test Procedures

For 5G NR n26

1. The EUT was connected to spectrum analyzer and base station via power divider.
2. The emissions mask of low and high channels for the highest RF powers were measured.
3. Set RBW and VBW 3 times of RBW to make the measurement with the spectrum analyzer's, and according to KDB 971168 D02 Misc Rev Approve License Devices v02r01 standards, set RBW = 300 Hz to make offsets less than 37.5 kHz from a channel edge , RBW = 100 kHz to make offsets greater than 37.5 kHz, that is allowed.
4. The test results were shown below plots with a correction offset factor including cable loss, insertion loss of power divider.

3.7 Conducted Spurious Emission

3.7.1 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 10th harmonic.

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. 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.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GHz, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. 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)

For 5G NR n7, n38, n41

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

22.355

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.

27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. 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.
3. 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.

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at $20\pm 5^{\circ}\text{C}$ and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

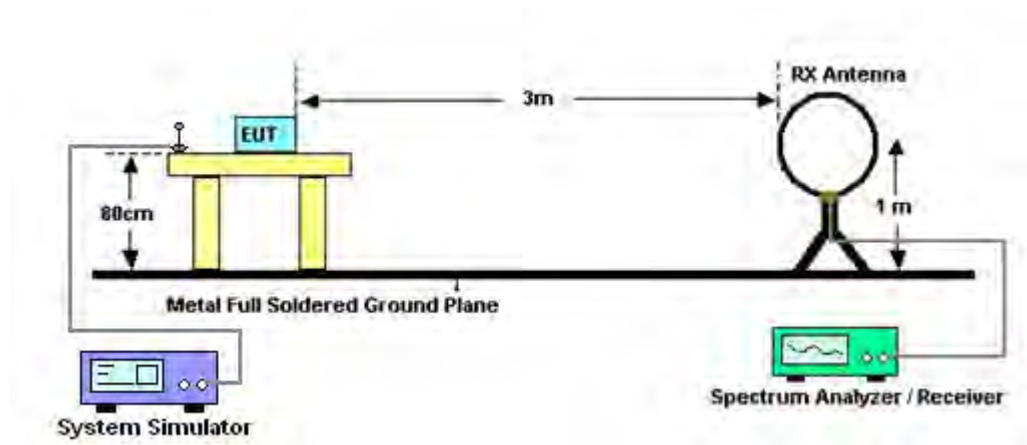
4 Radiated Test Items

4.1 Measuring Instruments

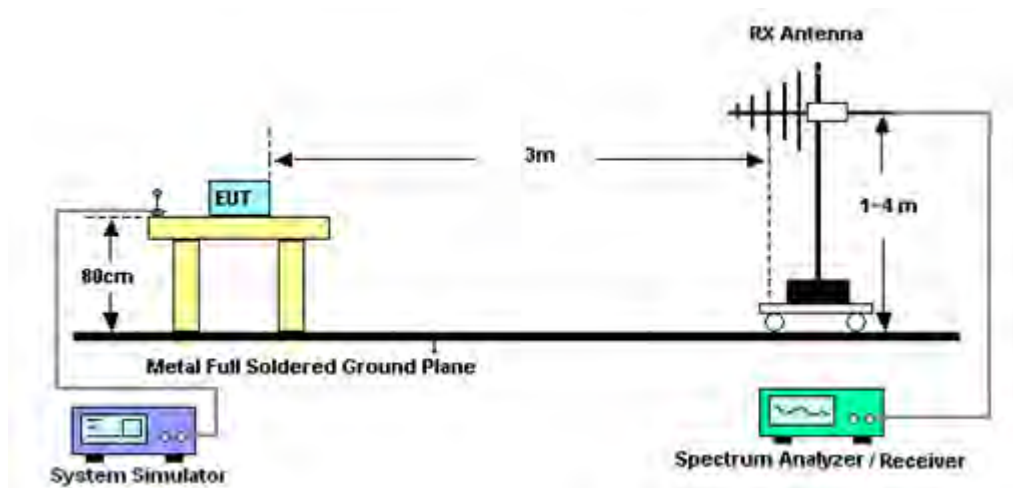
See list of measuring instruments of this test report.

4.1.1 Test Setup

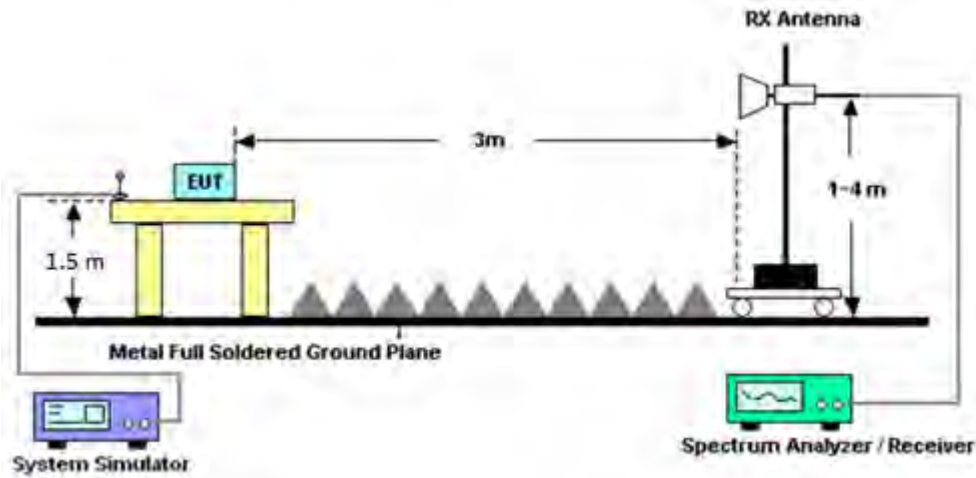
For radiated test below 30MHz



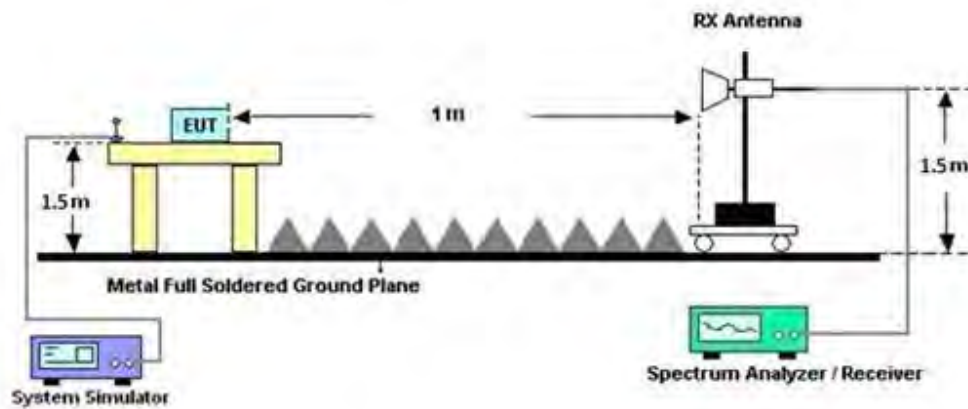
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI C63.26-2015.

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.

4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4

Radiated measurement using the field strength method.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	May 28, 2024~ Jul. 25, 2024	Sep. 11, 2024	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Oct. 15, 2023	May 28, 2024~ Jul. 25, 2024	Oct. 14, 2024	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Jul. 12, 2023	May 28, 2024~ Jul. 08, 2024	Jul. 11, 2024	Radiation (03CH21-HY)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00227880	1GHz~18GHz	Oct. 04, 2023	Jul. 09, 2024~ Jul. 11, 2024	Oct. 03, 2024	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Jul. 11, 2024	Jul. 12, 2024~ Jul. 25, 2024	Jul. 10, 2025	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1223	18GHz~40GHz	Jul. 10, 2023	May 28, 2024~ Jun. 23, 2024	Jul. 09, 2024	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1223	18GHz~40GHz	Jun. 24, 2024	Jun. 24, 2024~ Jul. 25, 2024	Jun. 23, 2025	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 15, 2023	May 28, 2024~ Jul. 13, 2024	Jul. 14, 2024	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 14, 2024	Jul. 14, 2024 ~ Jul. 25, 2024	Jul. 13, 2025	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 28, 2023	May 28, 2024~ Jul. 25, 2024	Sep. 27, 2024	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 30, 2023	May 28, 2024~ Jul. 25, 2024	Aug. 29, 2024	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Aug. 28, 2023	May 28, 2024~ Jul. 25, 2024	Aug. 27, 2024	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 06, 2024	May 28, 2024~ Jul. 25, 2024	Mar. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,8046 12/2,804614/2	30MHz~40GHz	Oct. 24, 2023	May 28, 2024~ Jul. 25, 2024	Oct. 23, 2024	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 30, 2023	May 28, 2024~ Jul. 25, 2024	Oct. 29, 2024	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	May 28, 2024~ Jul. 25, 2024	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	May 28, 2024~ Jul. 25, 2024	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	May 28, 2024~ Jul. 25, 2024	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	May 28, 2024~ Jul. 25, 2024	N/A	Radiation (03CH21-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
DC Power Supply	GW Instek	GPE2323	GET910884	0V~64V ;0A~6A	Nov. 16, 2023	May 27, 2024~ Sep. 18, 2024	Nov. 15, 2024	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101049	10Hz~44GHz	Sep. 26, 2023	May 27, 2024~ Sep. 18, 2024	Sep. 25, 2024	Conducted (TH03-HY)
Temperature Chamber	ESPEC	LHU-113	1012005860	-20℃ ~85℃	Dec. 13, 2023	May 27, 2024~ Sep. 18, 2024	Dec. 12, 2024	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	NA	Mar. 14, 2024	May 27, 2024~ Sep. 18, 2024	Mar. 13, 2025	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8821C	6262116725	LTE	Oct. 25, 2023	May 27, 2024~ Sep. 18, 2024	Oct. 24, 2024	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6262148275	FR1	Oct. 24, 2023	May 27, 2024~ Sep. 18, 2024	Oct. 23, 2024	Conducted (TH03-HY)
Coupler	MVE	MVE4816-10	A800024	N/A	Mar. 12, 2024	May 27, 2024~ Sep. 18, 2024	Mar. 11, 2025	Conducted (TH03-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2023	May 27, 2024~ Jun. 11, 2024	Jun. 12, 2024	Conducted (TH03-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2024	Jun. 13, 2024~ Sep. 18, 2024	Jun. 12, 2025	Conducted (TH03-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/3	N/A	May 15, 2024	May 27, 2024~ Sep. 18, 2024	May 14, 2025	Conducted (TH03-HY)
Software 1	Sporton	FCC 5GNR_FSV30 44_20231106	N/A	Conducted Test Item	N/A	May 27, 2024~ Sep. 18, 2024	N/A	Conducted (TH03-HY)



6 Measurement Uncertainty

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.04 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.33 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.68 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and ERP/EIRP

NR n5 Maximum Average Power [dBm] (GT - LC = -2.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	25.13	25.08	24.96	20.19	0.1045		
5	1	23		25.12	25.00	24.87				
5	12	6		25.08	24.99	24.95				
5	1	0		24.60	24.50	24.54				
5	1	24		24.65	24.49	24.42				
5	25	0		24.67	24.55	24.41				
5	1	1	QPSK	25.10	25.09	24.95				
5	1	23		25.03	24.98	24.91				
5	12	6		25.14	25.04	24.87				
5	1	0		24.08	24.02	23.91				
5	1	24		24.05	24.04	23.84				
5	25	0		24.06	24.06	23.95				
5	1	1	16-QAM	24.28	24.25	23.83	19.33	0.0857		
5	1	1	64-QAM	22.57	22.49	22.64				
5	1	1	256-QAM	20.60	20.50	20.45				
Limit	ERP < 7W			Result			Pass			

NR n5 Maximum Average Power [dBm] (GT - LC = -2.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	25.07	25.11	24.97	20.23	0.1054		
10	1	50		25.15	25.00	24.89				
10	25	12		25.13	25.10	24.95				
10	1	0		24.55	24.57	24.47				
10	1	51		24.59	24.48	24.39				
10	50	0		24.53	24.50	24.38				
10	1	1	QPSK	25.18	25.16	25.00				
10	1	50		25.16	24.99	24.85				
10	25	12		25.08	25.05	24.95				
10	1	0		24.12	24.04	23.95				
10	1	51		23.97	24.00	23.81				
10	50	0		24.12	24.03	23.92				
10	1	1	16-QAM	24.06	24.32	24.19	19.37	0.0865		
10	1	1	64-QAM	22.55	22.65	22.59				
10	1	1	256-QAM	20.38	20.54	20.39				
Limit	ERP < 7W			Result			Pass			



NR n5 Maximum Average Power [dBm] (GT - LC = -2.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	24.93	25.11	25.05	20.20	0.1047		
15	1	77		24.90	24.90	24.84				
15	36	18		25.06	24.98	24.90				
15	1	0		24.50	24.47	24.46				
15	1	78		24.47	24.47	24.32				
15	75	0		24.55	24.53	24.45				
15	1	1	QPSK	25.11	25.15	25.05				
15	1	77		25.00	25.03	24.91				
15	36	18		25.09	24.99	24.95				
15	1	0		24.13	24.03	23.98				
15	1	78		24.13	23.94	23.80				
15	75	0		24.08	24.00	23.90				
15	1	1	16-QAM	24.10	23.98	24.01	19.15	0.0822		
15	1	1	64-QAM	22.80	22.43	22.52				
15	1	1	256-QAM	20.54	20.53	20.38				
Limit	ERP < 7W			Result			Pass			

NR n5 Maximum Average Power [dBm] (GT - LC = -2.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	25.09	25.03	25.07	20.19	0.1045		
20	1	104		24.98	24.96	24.90				
20	50	25		25.09	25.03	25.00				
20	1	0		24.52	24.54	24.56				
20	1	105		24.50	24.35	24.36				
20	100	0		24.56	24.55	24.48				
20	1	1	QPSK	25.14	24.99	25.09				
20	1	104		24.97	24.88	24.88				
20	50	25		25.11	25.03	24.98				
20	1	0		24.11	24.00	24.05				
20	1	105		23.92	23.85	23.86				
20	100	0		24.08	24.02	23.95				
20	1	1	16-QAM	24.21	24.21	24.02	19.26	0.0843		
20	1	1	64-QAM	22.28	22.58	22.54				
20	1	1	256-QAM	20.31	20.47	20.57				
Limit	ERP < 7W			Result			Pass			



NR n7 Maximum Average Power [dBm] (GT - LC = -0.4 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	24.72	24.68	24.56	24.35	0.2723		
5	1	23		24.66	24.62	24.56				
5	12	6		24.66	24.61	24.56				
5	1	0		24.24	24.23	24.04				
5	1	24		24.18	24.20	24.00				
5	25	0		24.05	24.22	24.04				
5	1	1	QPSK	24.64	24.71	24.50				
5	1	23		24.61	24.75	24.63				
5	12	6		24.62	24.65	24.51				
5	1	0		23.72	23.59	23.62				
5	1	24		23.71	23.67	23.58				
5	25	0		23.66	23.59	23.60				
5	1	1	16-QAM	23.78	23.86	23.58	23.46	0.2218		
5	1	1	64-QAM	22.10	22.46	21.96				
5	1	1	256-QAM	20.13	20.17	20.00				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = -0.4 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.65	24.71	24.62	24.34	0.2716		
10	1	50		24.58	24.74	24.54				
10	25	12		24.70	24.69	24.52				
10	1	0		24.28	24.26	24.09				
10	1	51		24.07	24.24	23.99				
10	50	0		24.15	24.20	24.03				
10	1	1	QPSK	24.70	24.67	24.57			23.29	0.2133
10	1	50		24.62	24.66	24.54				
10	25	12		24.62	24.63	24.60				
10	1	0		23.71	23.73	23.63				
10	1	51		23.65	23.80	23.60				
10	50	0		23.66	23.68	23.59				
10	1	1	16-QAM	23.69	23.68	23.50	23.29	0.2133		
10	1	1	64-QAM	22.11	22.29	21.79				
10	1	1	256-QAM	20.18	20.26	20.13				
Limit	EIRP < 2W			Result			Pass			



NR n7 Maximum Average Power [dBm] (GT - LC = -0.4 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.67	24.63	24.69	24.33	0.2710		
15	1	77		24.58	24.67	24.49				
15	36	18		24.61	24.60	24.52				
15	1	0		24.23	24.14	24.14				
15	1	78		24.12	24.22	24.00				
15	75	0		24.12	24.14	24.07				
15	1	1	QPSK	24.66	24.63	24.63				
15	1	77		24.60	24.73	24.54				
15	36	18		24.64	24.58	24.51				
15	1	0		23.77	23.69	23.71				
15	1	78		23.60	23.73	23.53				
15	75	0		23.65	23.67	23.56				
15	1	1	16-QAM	23.63	23.69	23.89	23.49	0.2234		
15	1	1	64-QAM	22.35	22.25	22.41				
15	1	1	256-QAM	20.37	20.10	20.10				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = -0.4 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	24.71	24.56	24.62	24.31	0.2698		
20	1	104		24.60	24.70	24.59				
20	50	25		24.63	24.63	24.60				
20	1	0		24.21	24.12	24.15				
20	1	105		24.09	24.18	24.01				
20	100	0		24.13	24.17	24.10				
20	1	1	QPSK	24.68	24.59	24.66				
20	1	104		24.61	24.68	24.47				
20	50	25		24.66	24.57	24.70				
20	1	0		23.79	23.60	23.67				
20	1	105		23.64	23.66	23.54				
20	100	0		23.61	23.72	23.65				
20	1	1	16-QAM	23.79	23.72	23.70	23.39	0.2183		
20	1	1	64-QAM	22.60	22.17	22.35				
20	1	1	256-QAM	20.13	19.92	20.21				
Limit	EIRP < 2W			Result			Pass			



NR n7 Maximum Average Power [dBm] (GT - LC = -0.4 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	24.74	24.63	24.60	24.43	0.2773		
25	1	131		24.56	24.74	24.55				
25	64	32		24.62	24.72	24.67				
25	1	0		24.17	24.04	24.19				
25	1	132		24.08	24.29	24.07				
25	128	0		24.09	24.21	24.11				
25	1	1	QPSK	24.67	24.61	24.83				
25	1	131		24.57	24.60	24.61				
25	64	32		24.60	24.69	24.65				
25	1	0		23.68	23.71	23.71				
25	1	132		23.59	23.67	23.61				
25	128	0		23.62	23.70	23.65				
25	1	1	16-QAM	23.78	23.67	23.85	23.45	0.2213		
25	1	1	64-QAM	22.21	22.05	22.38				
25	1	1	256-QAM	20.26	19.99	20.20				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = -0.4 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.80	24.74	24.73	24.40	0.2754		
30	1	158		24.66	24.73	24.65				
30	80	40		24.58	24.66	24.68				
30	1	0		24.26	24.17	24.29				
30	1	159		24.17	24.25	24.14				
30	160	0		24.08	24.18	24.12				
30	1	1	QPSK	24.78	24.62	24.71				
30	1	158		24.63	24.69	24.55				
30	80	40		24.63	24.66	24.73				
30	1	0		23.73	23.66	23.77				
30	1	159		23.68	23.70	23.63				
30	160	0		23.64	23.76	23.68				
30	1	1	16-QAM	23.74	23.76	23.86	23.46	0.2218		
30	1	1	64-QAM	22.20	22.43	22.50				
30	1	1	256-QAM	20.15	20.09	19.87				
Limit	EIRP < 2W			Result			Pass			



NR n7 Maximum Average Power [dBm] (GT - LC = -0.4 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	24.77	24.74	24.73	24.46	0.2793		
40	1	214		24.70	24.72	24.62				
40	108	54		24.53	24.64	24.63				
40	1	0		24.36	24.21	24.33				
40	1	215		24.22	24.26	24.21				
40	216	0		24.07	24.28	24.21				
40	1	1	QPSK	24.85	24.68	24.81				
40	1	214		24.66	24.86	24.66				
40	108	54		24.60	24.69	24.72				
40	1	0		23.78	23.72	23.86				
40	1	215		23.65	23.76	23.69				
40	216	0		23.58	23.76	23.64				
40	1	1	16-QAM	23.85	23.70	23.84	23.45	0.2213		
40	1	1	64-QAM	22.30	22.44	22.35				
40	1	1	256-QAM	20.13	20.22	20.21				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = -0.4 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	24.90	24.90	24.87	24.54	0.2844		
50	1	268		24.81	24.81	24.82				
50	135	67		24.64	24.80	24.82				
50	1	0		24.49	24.39	24.38				
50	1	269		24.42	24.38	24.36				
50	270	0		24.20	24.40	24.41				
50	1	1	QPSK	24.94	24.90	24.90				
50	1	268		24.87	24.86	24.86				
50	135	67		24.66	24.76	24.83				
50	1	0		23.94	23.95	23.85				
50	1	269		23.83	23.82	23.89				
50	270	0		23.78	23.85	23.89				
50	1	1	16-QAM	23.77	23.79	23.76	23.39	0.2183		
50	1	1	64-QAM	22.55	22.49	22.85				
50	1	1	256-QAM	20.43	20.43	20.33				
Limit	EIRP < 2W			Result			Pass			



NR n12 Maximum Average Power [dBm] (GT - LC = -5.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	24.80	24.82	24.78	17.37	0.0546		
5	1	23		24.65	24.80	24.73				
5	12	6		24.78	24.82	24.80				
5	1	0		24.28	24.32	24.25				
5	1	24		24.26	24.34	24.25				
5	25	0		24.26	24.28	24.31				
5	1	1	QPSK	24.77	24.78	24.79				
5	1	23		24.82	24.79	24.76				
5	12	6		24.80	24.81	24.80				
5	1	0		23.82	23.82	23.78				
5	1	24		23.76	23.78	23.78				
5	25	0		23.71	23.74	23.81				
5	1	1	16-QAM	23.91	23.84	23.78	16.46	0.0443		
5	1	1	64-QAM	22.26	22.04	22.40				
5	1	1	256-QAM	20.13	20.18	20.13				
Limit	ERP < 3W			Result			Pass			

NR n12 Maximum Average Power [dBm] (GT - LC = -5.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	24.77	24.77	24.79	17.39	0.0548		
10	1	50		24.80	24.81	24.79				
10	25	12		24.82	24.82	24.83				
10	1	0		24.31	24.29	24.21				
10	1	51		24.25	24.32	24.33				
10	50	0		24.23	24.30	24.35				
10	1	1	QPSK	24.83	24.78	24.67				
10	1	50		24.84	24.76	24.84				
10	25	12		24.71	24.82	24.84				
10	1	0		23.75	23.73	23.81				
10	1	51		23.78	23.81	23.79				
10	50	0		23.79	23.76	23.84				
10	1	1	16-QAM	23.85	23.68	23.77	16.40	0.0437		
10	1	1	64-QAM	22.28	22.21	22.36				
10	1	1	256-QAM	20.42	20.09	20.24				
Limit	ERP < 3W			Result			Pass			



NR n12 Maximum Average Power [dBm] (GT - LC = -5.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	24.80	24.82	24.79	17.43	0.0553		
15	1	77		24.80	24.82	24.80				
15	36	18		24.88	24.85	24.78				
15	1	0		24.31	24.28	24.25				
15	1	78		24.30	24.28	24.28				
15	75	0		24.27	24.28	24.31				
15	1	1	QPSK	24.76	24.77	24.82				
15	1	77		24.85	24.83	24.83				
15	36	18		24.80	24.81	24.79				
15	1	0		23.77	23.73	23.70				
15	1	78		23.85	23.76	23.79				
15	75	0		23.79	23.78	23.85				
15	1	1	16-QAM	23.67	23.81	23.85	16.40	0.0437		
15	1	1	64-QAM	22.36	22.32	22.30				
15	1	1	256-QAM	20.37	19.91	20.37				
Limit	ERP < 3W			Result			Pass			



NR n26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	25.18	25.11	24.90	20.44	0.1107		
5	1	23		25.18	25.05	24.89				
5	12	6		25.13	25.03	24.98				
5	1	0		24.58	24.61	24.45				
5	1	24		24.62	24.52	24.40				
5	25	0		24.63	24.49	24.44				
5	1	1	QPSK	25.18	24.98	24.99				
5	1	23		25.19	25.05	24.93				
5	12	6		25.14	25.10	24.95				
5	1	0		24.20	24.03	23.97				
5	1	24		24.15	23.94	23.89				
5	25	0		24.17	24.03	23.95				
5	1	1	16-QAM	24.25	24.10	24.04	19.50	0.0891		
5	1	1	64-QAM	22.53	22.60	22.50				
5	1	1	256-QAM	20.61	20.63	20.27				
Limit	ERP < 7W			Result			Pass			

NR n26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	25.10	25.13	25.01	20.41	0.1099		
10	1	50		25.14	25.02	24.90				
10	25	12		25.16	25.04	25.02				
10	1	0		24.59	24.56	24.54				
10	1	51		24.58	24.54	24.43				
10	50	0		24.63	24.56	24.48				
10	1	1	QPSK	25.11	25.14	25.06				
10	1	50		25.07	25.02	24.98				
10	25	12		25.16	25.07	25.01				
10	1	0		24.09	24.13	24.00				
10	1	51		24.14	23.97	23.87				
10	50	0		24.16	24.01	24.01				
10	1	1	16-QAM	24.15	24.12	23.56	19.40	0.0871		
10	1	1	64-QAM	22.63	22.62	22.53				
10	1	1	256-QAM	20.55	20.34	20.39				
Limit	ERP < 7W			Result			Pass			



NR n26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
15	1	1	PI/2 BPSK	25.12	25.12	25.03	20.40	0.1096		
15	1	77		24.99	25.01	24.89				
15	36	18		25.15	25.06	25.04				
15	1	0		24.59	24.54	24.53				
15	1	78		24.51	24.50	24.41				
15	75	0		24.59	24.58	24.45				
15	1	1	QPSK	25.10	25.14	25.08				
15	1	77		24.98	24.98	24.91				
15	36	18		25.14	25.05	24.98				
15	1	0		24.13	24.12	24.14				
15	1	78		24.00	23.97	23.91				
15	75	0		24.12	24.07	23.99				
15	1	1	16-QAM	24.12	24.12	23.87	19.37	0.0865		
15	1	1	64-QAM	22.56	22.74	22.49				
15	1	1	256-QAM	20.47	20.64	20.50				
Limit	ERP < 7W			Result			Pass			

NR n26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
20	1	1	PI/2 BPSK	25.04	25.12	25.09	20.38	0.1091		
20	1	104		24.99	24.96	24.96				
20	50	25		25.10	25.06	25.00				
20	1	0		24.49	24.61	24.61				
20	1	105		24.44	24.40	24.41				
20	100	0		24.57	24.60	24.55				
20	1	1	QPSK	24.99	25.03	25.06				
20	1	104		24.98	24.89	24.90				
20	50	25		25.11	25.13	25.03				
20	1	0		24.03	24.00	24.12				
20	1	105		24.08	23.95	23.91				
20	100	0		24.07	24.06	24.03				
20	1	1	16-QAM	24.07	24.04	24.12	19.37	0.0865		
20	1	1	64-QAM	22.50	22.65	22.53				
20	1	1	256-QAM	20.36	20.44	20.69				
Limit	ERP < 7W			Result			Pass			



NR n38 Maximum Average Power [dBm] (GT - LC = -0.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	25.04	24.99	24.89	24.61	0.2891		
10	1	22		25.07	24.99	24.90				
10	12	6		25.00	25.06	24.89				
10	1	0		24.55	24.59	24.37				
10	1	23		24.48	24.63	24.37				
10	24	0		24.51	24.59	24.40				
10	1	1	QPSK	24.97	25.11	24.98				
10	1	22		25.07	25.03	24.91				
10	12	6		24.99	25.09	24.89				
10	1	0		24.05	24.21	23.99				
10	1	23		24.12	24.12	23.97				
10	24	0		24.00	24.11	23.89				
10	1	1	16-QAM	24.06	24.04	24.17	23.67	0.2328		
10	1	1	64-QAM	22.44	22.48	22.48				
10	1	1	256-QAM	20.43	20.72	20.40				
Limit	EIRP < 2W			Result			Pass			

NR n38 Maximum Average Power [dBm] (GT - LC = -0.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.99	25.09	24.83	24.67	0.2931		
15	1	36		25.07	25.08	24.78				
15	18	9		25.04	25.09	24.86				
15	1	0		24.47	24.53	24.44				
15	1	37		24.58	24.51	24.43				
15	36	0		24.53	24.57	24.32				
15	1	1	QPSK	25.09	25.09	24.88				
15	1	36		25.17	25.06	24.85				
15	18	9		25.03	25.08	24.87				
15	1	0		24.01	24.14	23.95				
15	1	37		24.10	24.15	23.93				
15	36	0		23.99	24.12	23.88				
15	1	1	16-QAM	23.99	24.01	23.82	23.51	0.2244		
15	1	1	64-QAM	22.49	22.58	22.49				
15	1	1	256-QAM	20.19	20.55	20.31				
Limit	EIRP < 2W			Result			Pass			



NR n38 Maximum Average Power [dBm] (GT - LC = -0.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	25.01	25.12	24.98	24.62	0.2897		
20	1	49		25.10	25.06	24.86				
20	25	12		24.96	25.07	24.91				
20	1	0		24.52	24.59	24.45				
20	1	50		24.58	24.55	24.39				
20	50	0		24.52	24.57	24.41				
20	1	1	QPSK	24.95	25.04	24.98				
20	1	49		25.08	25.12	24.92				
20	25	12		25.08	25.11	24.93				
20	1	0		23.95	24.08	24.07				
20	1	50		24.01	24.11	23.95				
20	50	0		24.01	24.07	23.97				
20	1	1	16-QAM	24.01	24.06	24.04	23.56	0.2270		
20	1	1	64-QAM	22.58	22.74	22.80				
20	1	1	256-QAM	20.45	20.31	20.38				
Limit	EIRP < 2W			Result			Pass			



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	26.84	26.88	26.86	26.65	0.4624		
10	1	22		26.82	26.85	26.82				
10	12	6		26.84	26.83	26.79				
10	1	0		26.35	26.43	26.29				
10	1	23		26.32	26.41	26.34				
10	24	0		26.26	26.40	26.33				
10	1	1	QPSK	26.85	26.90	26.82				
10	1	22		26.95	26.85	26.87				
10	12	6		26.83	26.89	26.77				
10	1	0		25.76	25.88	25.78				
10	1	23		25.87	25.88	25.80				
10	24	0		25.87	25.87	25.79				
10	1	1	16-QAM	25.74	25.92	25.78	25.62	0.3648		
10	1	1	64-QAM	24.36	24.41	24.32				
10	1	1	256-QAM	22.27	22.36	22.38				
Limit	EIRP < 2W			Result			Pass			

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	26.88	26.91	26.72	26.61	0.4581		
15	1	36		26.85	26.91	26.76				
15	18	9		26.84	26.87	26.77				
15	1	0		26.39	26.39	26.19				
15	1	37		26.39	26.41	26.31				
15	36	0		26.37	26.34	26.32				
15	1	1	QPSK	26.87	26.85	26.67				
15	1	36		26.80	26.86	26.75				
15	18	9		26.88	26.88	26.72				
15	1	0		25.83	25.84	25.61				
15	1	37		25.79	25.81	25.79				
15	36	0		25.86	25.88	25.73				
15	1	1	16-QAM	25.88	25.95	25.67	25.65	0.3673		
15	1	1	64-QAM	24.40	24.71	24.21				
15	1	1	256-QAM	22.39	22.32	22.21				
Limit	EIRP < 2W			Result			Pass			



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	26.90	26.90	26.73	26.66	0.4634		
20	1	49		26.89	26.96	26.83				
20	25	12		26.90	26.87	26.79				
20	1	0		26.42	26.37	26.21				
20	1	50		26.34	26.35	26.34				
20	50	0		26.35	26.38	26.29				
20	1	1	QPSK	26.94	26.85	26.64				
20	1	49		26.87	26.89	26.81				
20	25	12		26.92	26.89	26.76				
20	1	0		25.87	25.81	25.63				
20	1	50		25.86	25.82	25.77				
20	50	0		25.86	25.87	25.77				
20	1	1	16-QAM	26.05	25.90	25.86	25.75	0.3758		
20	1	1	64-QAM	24.53	24.21	24.21				
20	1	1	256-QAM	22.53	22.42	22.18				
Limit	EIRP < 2W			Result			Pass			



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	26.92	26.87	26.61	26.66	0.4634		
30	1	76		26.76	26.85	26.75				
30	36	18		26.88	26.83	26.63				
30	1	0		26.46	26.33	26.12				
30	1	77		26.31	26.33	26.24				
30	75	0		26.36	26.38	26.21				
30	1	1	QPSK	26.89	26.81	26.60				
30	1	76		26.80	26.75	26.78				
30	36	18		26.96	26.90	26.71				
30	1	0		25.92	25.79	25.62				
30	1	77		25.81	25.77	25.67				
30	75	0		25.87	25.86	25.68				
30	1	1	16-QAM	26.02	25.90	25.63	25.72	0.3733		
30	1	1	64-QAM	24.42	24.49	24.14				
30	1	1	256-QAM	22.50	22.30	22.17				
Limit	EIRP < 2W			Result			Pass			

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	26.93	26.82	26.62	26.63	0.4603		
40	1	104		26.80	26.82	26.76				
40	50	25		26.88	26.87	26.69				
40	1	0		26.38	26.35	26.11				
40	1	105		26.29	26.35	26.25				
40	100	0		26.35	26.40	26.26				
40	1	1	QPSK	26.88	26.85	26.65				
40	1	104		26.80	26.81	26.81				
40	50	25		26.80	26.85	26.74				
40	1	0		25.87	25.78	25.66				
40	1	105		25.79	25.81	25.76				
40	100	0		25.81	25.85	25.68				
40	1	1	16-QAM	25.98	25.83	25.76	25.68	0.3698		
40	1	1	64-QAM	24.52	24.12	24.43				
40	1	1	256-QAM	22.70	22.31	22.18				
Limit	EIRP < 2W			Result			Pass			



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	26.96	26.87	26.62	26.68	0.4656		
50	1	131		26.78	26.69	26.74				
50	64	32		26.80	26.93	26.71				
50	1	0		26.39	26.34	26.14				
50	1	132		26.42	26.33	26.35				
50	128	0		26.41	26.29	26.19				
50	1	1	QPSK	26.88	26.81	26.71				
50	1	131		26.76	26.70	26.76				
50	64	32		26.85	26.98	26.70				
50	1	0		25.90	25.87	25.70				
50	1	132		25.81	25.77	25.82				
50	128	0		25.93	25.87	25.73				
50	1	1	16-QAM	26.12	25.90	25.91	25.82	0.3819		
50	1	1	64-QAM	24.29	24.29	24.11				
50	1	1	256-QAM	22.50	22.36	22.30				
Limit	EIRP < 2W			Result			Pass			

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	26.85	26.76	26.64	26.62	0.4592		
60	1	160		26.78	26.69	26.84				
60	81	40		26.74	26.82	26.66				
60	1	0		26.41	26.29	26.17				
60	1	161		26.31	26.28	26.37				
60	162	0		26.31	26.32	26.23				
60	1	1	QPSK	26.83	26.86	26.61				
60	1	160		26.80	26.82	26.92				
60	81	40		26.71	26.84	26.67				
60	1	0		25.81	25.72	25.71				
60	1	161		25.80	25.75	25.86				
60	162	0		25.87	25.83	25.79				
60	1	1	16-QAM	25.89	26.09	25.64	25.79	0.3793		
60	1	1	64-QAM	24.67	24.35	24.10				
60	1	1	256-QAM	22.50	22.30	22.02				
Limit	EIRP < 2W			Result			Pass			



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	26.98	26.81	26.72	26.71	0.4688		
70	1	187		26.83	26.81	27.01				
70	90	45		26.85	26.85	26.81				
70	1	0		26.49	26.33	26.20				
70	1	188		26.34	26.38	26.48				
70	180	0		26.32	26.33	26.29				
70	1	1	QPSK	26.91	26.83	26.72				
70	1	187		26.77	26.83	26.95				
70	90	45		26.91	26.87	26.81				
70	1	0		25.90	25.82	25.72				
70	1	188		25.76	25.82	25.98				
70	180	0		25.89	25.80	25.76				
70	1	1	16-QAM	25.95	25.94	25.74	25.65	0.3673		
70	1	1	64-QAM	24.48	24.37	24.21				
70	1	1	256-QAM	22.43	22.44	22.24				
Limit	EIRP < 2W			Result			Pass			

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	27.02	26.93	26.74	26.72	0.4699		
80	1	215		26.89	26.90	27.02				
80	108	54		26.86	26.80	26.77				
80	1	0		26.53	26.41	26.27				
80	1	216		26.40	26.36	26.49				
80	216	0		26.40	26.33	26.23				
80	1	1	QPSK	27.00	26.87	26.72				
80	1	215		26.85	26.85	26.96				
80	108	54		26.91	26.83	26.77				
80	1	0		25.98	25.93	25.79				
80	1	216		25.89	25.90	26.02				
80	216	0		25.89	25.88	25.75				
80	1	1	16-QAM	26.09	25.80	25.61	25.79	0.3793		
80	1	1	64-QAM	24.57	24.43	24.21				
80	1	1	256-QAM	22.51	22.22	22.39				
Limit	EIRP < 2W			Result			Pass			



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	27.01	26.96	26.90	26.73	0.4710		
90	1	243		26.92	26.95	26.99				
90	120	60		26.85	26.79	26.67				
90	1	0		26.60	26.46	26.37				
90	1	244		26.45	26.45	26.51				
90	243	0		26.34	26.27	26.21				
90	1	1	QPSK	27.03	26.89	26.91				
90	1	243		26.96	26.96	26.96				
90	120	60		26.83	26.77	26.65				
90	1	0		26.07	25.95	25.86				
90	1	244		25.94	25.96	26.02				
90	243	0		25.86	25.85	25.67				
90	1	1	16-QAM	26.06	25.93	25.78	25.76	0.3767		
90	1	1	64-QAM	24.51	24.50	24.42				
90	1	1	256-QAM	22.52	22.41	22.43				
Limit	EIRP < 2W			Result			Pass			

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	27.13	27.01	26.92	26.85	0.4842		
100	1	271		27.08	27.07	27.05				
100	135	67		26.88	26.79	26.70				
100	1	0		26.62	26.52	26.46				
100	1	272		26.60	26.53	26.57				
100	270	0		26.39	26.33	26.33				
100	1	1	QPSK	27.15	27.00	26.93				
100	1	271		27.07	27.04	27.04				
100	135	67		26.83	26.79	26.74				
100	1	0		26.16	26.01	25.94				
100	1	272		26.12	26.00	26.06				
100	270	0		25.93	25.79	25.79				
100	1	1	16-QAM	26.20	26.01	25.80	25.90	0.3890		
100	1	1	64-QAM	24.70	24.51	24.56				
100	1	1	256-QAM	22.53	22.49	22.47				
Limit	EIRP < 2W			Result			Pass			



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	26.57	26.47	26.37	26.60	0.4571		
10	1	22		26.40	26.46	26.39				
10	12	6		26.43	26.44	26.46				
10	1	0		23.00	22.96	22.85				
10	1	23		22.87	22.96	22.86				
10	24	0		25.91	25.92	25.92				
10	1	1	QPSK	26.60	26.45	26.36				
10	1	22		26.44	26.39	26.39				
10	12	6		26.41	26.45	26.53				
10	1	0		22.98	22.94	22.82				
10	1	23		22.88	22.89	22.86				
10	24	0		25.39	25.41	25.42				
10	1	1	16-QAM	25.61	25.50	25.31	25.61	0.3639		
10	1	1	64-QAM	24.03	23.99	23.80				
10	1	1	256-QAM	22.06	21.92	22.02				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	26.51	26.51	26.27	26.54	0.4508		
15	1	36		26.35	26.46	26.34				
15	18	9		26.37	26.45	26.26				
15	1	0		23.00	22.95	22.83				
15	1	37		22.98	22.85	22.83				
15	36	0		25.94	25.95	25.76				
15	1	1	QPSK	26.54	26.51	26.18				
15	1	36		26.36	26.46	26.28				
15	18	9		26.45	26.46	26.25				
15	1	0		22.99	22.92	22.78				
15	1	37		22.93	22.80	22.74				
15	36	0		25.39	25.43	25.25				
15	1	1	16-QAM	25.71	25.26	25.41	25.71	0.3724		
15	1	1	64-QAM	23.97	24.11	23.64				
15	1	1	256-QAM	21.72	21.83	21.61				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	26.54	26.52	26.35	26.54	0.4508		
20	1	49		26.45	26.38	26.30				
20	25	12		26.36	26.41	26.28				
20	1	0		22.93	22.94	22.85				
20	1	50		22.84	22.86	22.78				
20	50	0		25.83	25.89	25.78				
20	1	1	QPSK	26.54	26.47	26.41				
20	1	49		26.40	26.36	26.34				
20	25	12		26.34	26.43	26.28				
20	1	0		22.93	22.89	22.90				
20	1	50		22.88	22.81	22.83				
20	50	0		25.35	25.42	25.27				
20	1	1	16-QAM	25.59	25.49	25.30	25.59	0.3622		
20	1	1	64-QAM	23.98	23.95	23.87				
20	1	1	256-QAM	22.13	21.75	21.96				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	26.53	26.59	26.27	26.63	0.4603		
25	1	63		26.25	26.37	26.32				
25	32	16		26.38	26.44	26.36				
25	1	0		23.01	23.07	22.84				
25	1	64		22.73	22.83	22.79				
25	64	0		25.78	25.93	25.77				
25	1	1	QPSK	26.46	26.63	26.29				
25	1	63		26.22	26.31	26.32				
25	32	16		26.38	26.47	26.35				
25	1	0		22.96	23.17	22.77				
25	1	64		22.69	22.82	22.81				
25	64	0		25.36	25.42	25.26				
25	1	1	16-QAM	25.63	25.49	25.16	25.63	0.3656		
25	1	1	64-QAM	23.95	24.11	23.82				
25	1	1	256-QAM	21.81	22.11	22.01				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	26.53	26.60	26.20	26.65	0.4624		
30	1	76		26.23	26.35	26.27				
30	36	18		26.40	26.44	26.26				
30	1	0		22.96	23.13	22.76				
30	1	77		22.72	22.85	22.82				
30	75	0		26.03	25.94	25.85				
30	1	1	QPSK	26.57	26.65	26.23				
30	1	76		26.20	26.37	26.28				
30	36	18		26.42	26.50	26.36				
30	1	0		23.04	23.07	22.67				
30	1	77		22.69	22.88	22.74				
30	75	0		25.54	25.46	25.36				
30	1	1	16-QAM	25.62	25.88	25.44	25.88	0.3873		
30	1	1	64-QAM	24.16	24.27	23.72				
30	1	1	256-QAM	21.84	21.94	21.63				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	26.56	26.62	26.33	26.62	0.4592		
40	1	104		26.29	26.34	26.32				
40	50	25		26.42	26.43	26.33				
40	1	0		22.93	22.96	22.79				
40	1	105		22.66	22.85	22.66				
40	100	0		25.94	25.95	25.83				
40	1	1	QPSK	26.54	26.56	26.30				
40	1	104		26.16	26.31	26.28				
40	50	25		26.47	26.45	26.37				
40	1	0		22.94	22.99	22.76				
40	1	105		22.71	22.83	22.70				
40	100	0		25.46	25.38	25.30				
40	1	1	16-QAM	25.74	25.52	25.29	25.74	0.3750		
40	1	1	64-QAM	23.86	24.02	23.75				
40	1	1	256-QAM	21.93	22.02	21.72				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	26.64	26.57	26.44	26.64	0.4613		
50	1	131		26.21	26.29	26.15				
50	64	32		26.36	26.49	26.21				
50	1	0		23.03	23.06	22.90				
50	1	132		22.76	22.73	22.70				
50	128	0		25.92	25.91	25.63				
50	1	1	QPSK	26.60	26.57	26.41				
50	1	131		26.25	26.32	26.17				
50	64	32		26.26	26.55	26.24				
50	1	0		23.04	23.07	22.84				
50	1	132		22.71	22.75	22.70				
50	128	0		25.30	25.45	25.20				
50	1	1	16-QAM	25.49	25.69	25.48	25.69	0.3707		
50	1	1	64-QAM	24.08	24.19	24.04				
50	1	1	256-QAM	22.07	21.99	21.90				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	25.99	26.20	25.90	26.51	0.4477		
60	1	160		26.18	26.22	26.17				
60	81	40		26.34	26.45	26.21				
60	1	0		22.55	22.68	22.39				
60	1	161		22.86	22.68	22.59				
60	162	0		25.79	26.01	25.68				
60	1	1	QPSK	26.08	26.19	25.94				
60	1	160		26.19	26.18	26.18				
60	81	40		26.28	26.51	26.20				
60	1	0		22.52	22.63	22.37				
60	1	161		22.85	22.65	22.65				
60	162	0		25.30	25.45	25.19				
60	1	1	16-QAM	24.85	24.97	24.84	24.97	0.3141		
60	1	1	64-QAM	23.49	23.64	23.60				
60	1	1	256-QAM	21.47	21.68	21.46				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	26.03	26.21	25.93	26.51	0.4477		
70	1	187		26.42	26.14	26.20				
70	90	45		26.42	26.47	26.32				
70	1	0		22.50	22.72	22.49				
70	1	188		22.93	22.64	22.75				
70	180	0		25.90	25.99	25.82				
70	1	1	QPSK	26.00	26.15	25.95				
70	1	187		26.41	26.07	26.22				
70	90	45		26.43	26.51	26.33				
70	1	0		22.51	22.65	22.42				
70	1	188		22.89	22.61	22.71				
70	180	0		25.40	25.46	25.33				
70	1	1	16-QAM	25.08	25.11	24.99	25.11	0.3243		
70	1	1	64-QAM	23.36	23.83	23.48				
70	1	1	256-QAM	21.46	21.60	21.41				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	25.95	26.01	25.91	26.47	0.4436		
80	1	215		26.18	26.02	26.11				
80	108	54		26.34	26.44	26.31				
80	1	0		22.56	22.55	22.42				
80	1	216		22.75	22.59	22.66				
80	216	0		25.84	25.98	25.77				
80	1	1	QPSK	25.96	25.94	25.81				
80	1	215		26.17	26.03	26.13				
80	108	54		26.41	26.47	26.30				
80	1	0		22.57	22.57	22.39				
80	1	216		22.75	22.61	22.64				
80	216	0		25.38	25.47	25.26				
80	1	1	16-QAM	25.01	25.02	24.87	25.02	0.3177		
80	1	1	64-QAM	23.45	23.48	23.42				
80	1	1	256-QAM	21.61	21.60	21.54				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	26.01	25.93	25.96	26.57	0.4539		
90	1	243		26.12	25.98	25.99				
90	120	60		26.44	26.54	26.36				
90	1	0		22.58	22.55	22.55				
90	1	244		22.74	22.61	22.57				
90	243	0		25.92	25.97	25.88				
90	1	1	QPSK	26.02	25.89	25.93				
90	1	243		26.20	25.95	25.98				
90	120	60		26.43	26.57	26.41				
90	1	0		22.62	22.49	22.55				
90	1	244		22.71	22.53	22.55				
90	243	0		25.42	25.53	25.34				
90	1	1	16-QAM	25.02	24.90	25.14	25.14	0.3266		
90	1	1	64-QAM	23.69	23.56	23.49				
90	1	1	256-QAM	21.51	21.43	21.54				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	26.05	26.06	26.10	26.67	0.4645		
100	1	271		26.19	26.03	26.08				
100	135	67		26.56	26.61	26.47				
100	1	0		22.70	22.69	22.72				
100	1	272		22.89	22.70	22.71				
100	270	0		26.02	26.10	25.99				
100	1	1	QPSK	26.07	26.05	26.04				
100	1	271		26.23	26.03	26.06				
100	135	67		26.56	26.67	26.49				
100	1	0		22.69	22.71	22.69				
100	1	272		22.88	22.65	22.71				
100	270	0		25.52	25.58	25.49				
100	1	1	16-QAM	25.02	25.14	25.12	25.14	0.3266		
100	1	1	64-QAM	23.68	23.62	23.63				
100	1	1	256-QAM	21.72	21.72	21.82				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	26.41	26.35	26.43	25.73	0.3741		
10	1	22		26.35	26.33	26.40				
10	12	6		26.34	26.32	26.32				
10	1	0		23.00	22.95	22.97				
10	1	23		22.90	22.88	22.98				
10	24	0		25.95	25.93	25.89				
10	1	1	QPSK	26.39	26.35	26.42				
10	1	22		26.36	26.29	26.38				
10	12	6		26.37	26.32	26.31				
10	1	0		23.05	22.91	22.95				
10	1	23		22.89	22.94	22.95				
10	24	0		25.45	25.43	25.40				
10	1	1	16-QAM	25.75	25.42	25.65	25.05	0.3199		
10	1	1	64-QAM	24.11	24.03	24.10				
10	1	1	256-QAM	22.09	22.10	21.97				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	26.43	26.40	26.39	25.73	0.3741		
15	1	36		26.37	26.35	26.34				
15	18	9		26.41	26.42	26.40				
15	1	0		23.10	22.87	22.84				
15	1	37		23.05	22.86	22.84				
15	36	0		25.95	25.98	25.88				
15	1	1	QPSK	26.42	26.35	26.38				
15	1	36		26.39	26.32	26.38				
15	18	9		26.42	26.41	26.40				
15	1	0		23.06	22.86	22.82				
15	1	37		23.02	22.84	22.81				
15	36	0		25.44	25.40	25.40				
15	1	1	16-QAM	25.74	25.41	25.48	25.04	0.3192		
15	1	1	64-QAM	24.14	23.89	23.92				
15	1	1	256-QAM	22.06	21.82	21.93				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	26.42	26.37	26.35	25.74	0.3750		
20	1	49		26.41	26.35	26.34				
20	25	12		26.43	26.40	26.43				
20	1	0		23.09	22.86	22.83				
20	1	50		22.86	22.98	22.84				
20	50	0		25.88	25.93	25.91				
20	1	1	QPSK	26.44	26.37	26.38				
20	1	49		26.38	26.35	26.35				
20	25	12		26.36	26.43	26.41				
20	1	0		22.98	22.86	22.78				
20	1	50		22.86	22.96	22.78				
20	50	0		25.39	25.43	25.42				
20	1	1	16-QAM	25.69	25.59	25.46	24.99	0.3155		
20	1	1	64-QAM	24.01	23.99	23.81				
20	1	1	256-QAM	21.85	21.90	21.81				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	26.39	26.29	26.41	25.73	0.3741		
25	1	63		26.24	26.43	26.38				
25	32	16		26.36	26.39	26.43				
25	1	0		23.05	22.85	23.07				
25	1	64		22.70	22.97	22.85				
25	64	0		25.87	25.93	25.93				
25	1	1	QPSK	26.42	26.28	26.40				
25	1	63		26.19	26.40	26.37				
25	32	16		26.35	26.41	26.41				
25	1	0		23.02	22.82	23.06				
25	1	64		22.70	22.93	22.86				
25	64	0		25.37	25.44	25.45				
25	1	1	16-QAM	25.61	25.40	25.58	24.91	0.3097		
25	1	1	64-QAM	24.20	23.87	24.27				
25	1	1	256-QAM	21.96	21.91	21.97				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	26.40	26.39	26.42	25.73	0.3741		
30	1	76		26.31	26.42	26.37				
30	36	18		26.42	26.43	26.39				
30	1	0		23.13	22.91	23.05				
30	1	77		22.75	23.04	22.84				
30	75	0		26.08	25.94	25.93				
30	1	1	QPSK	26.41	26.39	26.42				
30	1	76		26.23	26.41	26.37				
30	36	18		26.42	26.42	26.40				
30	1	0		23.14	22.91	23.06				
30	1	77		22.77	23.04	22.85				
30	75	0		25.57	25.50	25.43				
30	1	1	16-QAM	25.68	25.44	25.67	24.98	0.3148		
30	1	1	64-QAM	24.30	23.96	24.08				
30	1	1	256-QAM	22.02	21.86	21.98				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	26.42	26.36	26.41	25.73	0.3741		
40	1	104		26.19	26.42	26.37				
40	50	25		26.43	26.39	26.41				
40	1	0		23.01	22.80	23.10				
40	1	105		22.65	22.94	22.85				
40	100	0		25.99	25.92	25.95				
40	1	1	QPSK	26.41	26.35	26.42				
40	1	104		26.23	26.42	26.31				
40	50	25		26.41	26.39	26.42				
40	1	0		23.11	22.81	23.09				
40	1	105		22.73	22.96	22.86				
40	100	0		25.45	25.41	25.45				
40	1	1	16-QAM	25.62	25.41	25.65	24.95	0.3126		
40	1	1	64-QAM	23.99	23.87	24.27				
40	1	1	256-QAM	22.01	21.81	22.11				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	26.42	26.39	26.39	25.73	0.3741		
50	1	131		26.33	26.35	26.36				
50	64	32		26.37	26.39	26.43				
50	1	0		23.11	22.94	22.95				
50	1	132		22.77	22.99	22.81				
50	128	0		25.87	25.99	26.08				
50	1	1	QPSK	26.42	26.39	26.42				
50	1	131		26.30	26.42	26.31				
50	64	32		26.38	26.41	26.43				
50	1	0		23.07	22.91	22.96				
50	1	132		22.77	22.99	22.83				
50	128	0		25.37	25.43	25.58				
50	1	1	16-QAM	25.81	25.37	25.50	25.11	0.3243		
50	1	1	64-QAM	24.26	23.98	24.01				
50	1	1	256-QAM	22.19	21.85	21.96				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	26.02	25.97	25.91	25.73	0.3741		
60	1	160		26.15	26.22	26.34				
60	81	40		26.32	26.43	26.41				
60	1	0		22.56	22.47	22.40				
60	1	161		22.87	22.76	22.80				
60	162	0		25.80	25.87	26.08				
60	1	1	QPSK	26.03	25.95	25.88				
60	1	160		26.16	26.22	26.29				
60	81	40		26.32	26.38	26.41				
60	1	0		22.53	22.46	22.36				
60	1	161		22.83	22.75	22.77				
60	162	0		25.31	25.36	25.58				
60	1	1	16-QAM	25.01	25.04	24.88	24.34	0.2716		
60	1	1	64-QAM	23.58	23.49	23.38				
60	1	1	256-QAM	21.46	21.56	21.43				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	26.06	26.00	25.84	25.73	0.3741		
70	1	187		26.37	26.20	26.32				
70	90	45		26.37	26.42	26.43				
70	1	0		22.56	22.54	22.38				
70	1	188		22.91	22.76	22.85				
70	180	0		25.93	26.00	26.11				
70	1	1	QPSK	26.02	25.94	25.74				
70	1	187		26.35	26.15	26.22				
70	90	45		26.40	26.39	26.37				
70	1	0		22.59	22.49	22.31				
70	1	188		22.90	22.73	22.78				
70	180	0		25.42	25.49	25.63				
70	1	1	16-QAM	25.04	25.01	24.79	24.34	0.2716		
70	1	1	64-QAM	23.68	23.56	23.26				
70	1	1	256-QAM	21.59	21.55	21.24				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	25.96	25.79	25.94	25.73	0.3741		
80	1	215		26.11	26.20	26.17				
80	108	54		26.35	26.42	26.41				
80	1	0		22.51	22.40	22.52				
80	1	216		22.66	22.73	22.79				
80	216	0		25.82	25.92	26.06				
80	1	1	QPSK	25.95	25.83	25.93				
80	1	215		26.09	26.16	26.21				
80	108	54		26.38	26.39	26.43				
80	1	0		22.49	22.37	22.48				
80	1	216		22.63	22.73	22.77				
80	216	0		25.35	25.41	25.58				
80	1	1	16-QAM	24.94	24.95	24.91	24.25	0.2661		
80	1	1	64-QAM	23.37	23.38	23.52				
80	1	1	256-QAM	21.47	21.47	21.43				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	25.96	25.81	25.80	25.73	0.3741		
90	1	243		26.20	26.27	26.15				
90	120	60		26.39	26.41	26.43				
90	1	0		22.58	22.45	22.42				
90	1	244		22.82	22.83	22.82				
90	243	0		25.93	25.90	25.91				
90	1	1	QPSK	25.93	25.81	25.78				
90	1	243		26.14	26.18	26.14				
90	120	60		26.37	26.43	26.42				
90	1	0		22.50	22.34	22.36				
90	1	244		22.76	22.74	22.74				
90	243	0		25.42	25.42	25.36				
90	1	1	16-QAM	24.96	24.87	24.93	24.26	0.2667		
90	1	1	64-QAM	23.44	23.49	23.45				
90	1	1	256-QAM	21.49	21.43	21.32				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	-	25.95	-	25.73	0.3741		
100	1	271		-	26.15	-				
100	135	67		-	26.42	-				
100	1	0		-	22.62	-				
100	1	272		-	22.84	-				
100	270	0		-	26.02	-				
100	1	1	QPSK	-	25.90	-				
100	1	271		-	26.18	-				
100	135	67		-	26.43	-				
100	1	0		-	22.53	-				
100	1	272		-	22.77	-				
100	270	0		-	25.48	-				
100	1	1	16-QAM	-	25.14	-	24.44	0.278		
100	1	1	64-QAM	-	23.61	-				
100	1	1	256-QAM	-	21.60	-				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	26.77	26.69	26.67	26.77	0.4753		
10	1	22		26.54	26.66	26.70				
10	12	6		26.49	26.65	26.71				
10	1	0		23.15	23.12	23.05				
10	1	23		22.93	23.05	23.22				
10	24	0		25.97	26.11	26.22				
10	1	1	QPSK	26.72	26.63	26.69				
10	1	22		26.50	26.67	26.65				
10	12	6		26.49	26.62	26.70				
10	1	0		23.24	23.10	23.17				
10	1	23		22.94	23.08	23.12				
10	24	0		25.50	25.64	25.68				
10	1	1	16-QAM	25.85	25.82	26.05	26.05	0.4027		
10	1	1	64-QAM	24.29	24.12	24.28				
10	1	1	256-QAM	22.14	22.05	22.20				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	26.82	26.70	26.75	26.83	0.4819		
15	1	36		26.51	26.61	26.72				
15	18	9		26.55	26.67	26.70				
15	1	0		23.29	23.15	23.20				
15	1	37		23.04	23.14	23.14				
15	36	0		26.06	26.19	26.19				
15	1	1	QPSK	26.83	26.67	26.71				
15	1	36		26.56	26.63	26.72				
15	18	9		26.57	26.65	26.71				
15	1	0		23.30	23.18	23.15				
15	1	37		23.04	23.11	23.20				
15	36	0		25.59	25.72	25.68				
15	1	1	16-QAM	25.92	25.92	25.80	25.92	0.3908		
15	1	1	64-QAM	24.33	24.31	24.54				
15	1	1	256-QAM	22.14	22.18	22.20				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	26.90	26.73	26.78	26.90	0.4898		
20	1	49		26.54	26.69	26.69				
20	25	12		26.64	26.74	26.69				
20	1	0		23.38	23.19	23.26				
20	1	50		23.01	23.17	23.11				
20	50	0		26.09	26.18	26.20				
20	1	1	QPSK	26.86	26.71	26.82				
20	1	49		26.55	26.69	26.70				
20	25	12		26.61	26.71	26.74				
20	1	0		23.33	23.18	23.19				
20	1	50		23.04	23.13	23.14				
20	50	0		25.66	25.74	25.68				
20	1	1	16-QAM	25.91	25.74	25.80	25.91	0.3899		
20	1	1	64-QAM	24.27	24.31	24.25				
20	1	1	256-QAM	22.17	22.21	22.32				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	26.92	26.66	26.84	26.92	0.4920		
25	1	63		26.41	26.61	26.62				
25	32	16		26.72	26.72	26.74				
25	1	0		23.44	23.23	23.25				
25	1	64		22.97	23.13	23.10				
25	64	0		26.19	26.23	26.18				
25	1	1	QPSK	26.88	26.72	26.82				
25	1	63		26.41	26.67	26.63				
25	32	16		26.74	26.78	26.78				
25	1	0		23.43	23.15	23.24				
25	1	64		22.98	23.14	23.06				
25	64	0		25.69	25.71	25.72				
25	1	1	16-QAM	26.08	25.89	25.80	26.08	0.4055		
25	1	1	64-QAM	24.53	24.37	24.29				
25	1	1	256-QAM	22.46	22.21	22.31				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	26.99	26.77	26.89	27.01	0.5023		
30	1	76		26.49	26.65	26.69				
30	36	18		26.76	26.78	26.81				
30	1	0		23.44	23.20	23.39				
30	1	77		22.91	23.12	23.20				
30	75	0		26.23	26.27	26.32				
30	1	1	QPSK	27.01	26.80	26.90				
30	1	76		26.33	26.76	26.70				
30	36	18		26.73	26.80	26.83				
30	1	0		23.45	23.20	23.45				
30	1	77		22.90	23.17	23.22				
30	75	0		25.74	25.77	25.77				
30	1	1	16-QAM	26.33	25.88	26.00	26.33	0.4295		
30	1	1	64-QAM	24.39	24.33	24.45				
30	1	1	256-QAM	22.43	22.12	22.42				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	27.11	26.77	27.01	27.11	0.5140		
40	1	104		26.42	26.45	26.65				
40	50	25		26.76	26.80	26.84				
40	1	0		23.50	23.33	23.50				
40	1	105		22.91	23.04	23.08				
40	100	0		26.28	26.26	26.30				
40	1	1	QPSK	27.08	26.90	27.03				
40	1	104		26.39	26.53	26.58				
40	50	25		26.81	26.77	26.76				
40	1	0		23.57	23.36	23.56				
40	1	105		22.90	23.06	23.05				
40	100	0		25.79	25.82	25.77				
40	1	1	16-QAM	26.03	25.85	26.06	26.06	0.4036		
40	1	1	64-QAM	24.65	24.34	24.43				
40	1	1	256-QAM	22.62	22.33	22.51				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	27.08	26.93	27.07	27.20	0.5248		
50	1	131		26.41	26.49	26.64				
50	64	32		26.65	26.77	26.84				
50	1	0		23.49	23.42	23.53				
50	1	132		22.89	22.94	23.06				
50	128	0		26.21	26.30	26.38				
50	1	1	QPSK	27.20	26.91	26.96				
50	1	131		26.32	26.50	26.60				
50	64	32		26.62	26.88	26.81				
50	1	0		23.49	23.38	23.51				
50	1	132		22.91	23.09	22.97				
50	128	0		25.65	25.79	25.82				
50	1	1	16-QAM	26.08	26.12	25.99	26.12	0.4093		
50	1	1	64-QAM	24.53	24.54	24.63				
50	1	1	256-QAM	22.43	22.39	22.60				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	26.64	26.51	26.41	26.87	0.4864		
60	1	160		26.44	26.43	26.57				
60	81	40		26.66	26.79	26.87				
60	1	0		23.19	22.94	23.01				
60	1	161		23.02	22.92	23.05				
60	162	0		26.11	26.24	26.29				
60	1	1	QPSK	26.60	26.43	26.49				
60	1	160		26.34	26.43	26.52				
60	81	40		26.73	26.79	26.81				
60	1	0		23.09	22.99	22.98				
60	1	161		22.83	22.89	22.91				
60	162	0		25.67	25.80	25.86				
60	1	1	16-QAM	25.57	25.56	25.55	25.57	0.3606		
60	1	1	64-QAM	23.97	24.10	24.12				
60	1	1	256-QAM	22.29	21.93	22.01				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	26.52	26.54	26.41	26.95	0.4955		
70	1	187		26.30	26.37	26.44				
70	90	45		26.68	26.85	26.95				
70	1	0		23.09	23.07	22.91				
70	1	188		22.84	22.86	22.97				
70	180	0		26.20	26.36	26.44				
70	1	1	QPSK	26.57	26.49	26.43				
70	1	187		26.33	26.34	26.46				
70	90	45		26.75	26.88	26.95				
70	1	0		23.09	23.04	22.90				
70	1	188		22.81	22.82	22.98				
70	180	0		25.70	25.85	25.89				
70	1	1	16-QAM	25.65	25.52	25.44	25.65	0.3673		
70	1	1	64-QAM	24.04	24.04	23.97				
70	1	1	256-QAM	22.09	22.09	21.92				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	26.67	26.54	26.48	26.91	0.4909		
80	1	215		26.25	26.31	26.37				
80	108	54		26.82	26.84	26.90				
80	1	0		23.21	23.11	23.11				
80	1	216		22.78	22.86	22.96				
80	216	0		26.33	26.36	26.35				
80	1	1	QPSK	26.66	26.54	26.51				
80	1	215		26.25	26.30	26.37				
80	108	54		26.85	26.89	26.91				
80	1	0		23.17	23.13	23.02				
80	1	216		22.77	22.87	22.93				
80	216	0		25.81	25.84	25.87				
80	1	1	16-QAM	25.68	25.48	25.48	25.68	0.3698		
80	1	1	64-QAM	24.14	24.15	24.08				
80	1	1	256-QAM	22.18	22.19	22.14				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	26.55	26.46	26.48	26.92	0.492		
90	1	243		26.14	26.28	26.26				
90	120	60		26.81	26.92	26.88				
90	1	0		23.21	23.05	23.13				
90	1	244		22.81	22.90	22.95				
90	243	0		26.40	26.35	26.34				
90	1	1	QPSK	26.56	26.45	26.50				
90	1	243		26.26	26.29	26.36				
90	120	60		26.87	26.87	26.89				
90	1	0		23.21	23.06	23.12				
90	1	244		22.69	22.91	22.89				
90	243	0		25.80	25.84	25.87				
90	1	1	16-QAM	25.57	25.48	25.40	25.57	0.3606		
90	1	1	64-QAM	24.28	23.90	24.00				
90	1	1	256-QAM	22.14	22.01	22.20				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	-	26.63	-	26.88	0.4875		
100	1	271		-	26.27	-				
100	135	67		-	26.87	-				
100	1	0		-	23.27	-				
100	1	272		-	22.84	-				
100	270	0		-	26.36	-				
100	1	1	QPSK	-	26.71	-				
100	1	271		-	26.40	-				
100	135	67		-	26.88	-				
100	1	0		-	23.24	-				
100	1	272		-	22.85	-				
100	270	0		-	25.87	-				
100	1	1	16-QAM	-	25.76	-	25.76	0.3767		
100	1	1	64-QAM	-	24.22	-				
100	1	1	256-QAM	-	22.20	-				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	26.49	26.42	26.45	25.79	0.3793		
10	1	22		26.41	26.42	26.48				
10	12	6		26.39	26.49	26.43				
10	1	0		23.06	22.96	22.95				
10	1	23		22.78	22.93	22.99				
10	24	0		25.88	25.98	26.07				
10	1	1	QPSK	26.49	26.47	26.45				
10	1	22		26.38	26.46	26.45				
10	12	6		26.40	26.49	26.46				
10	1	0		23.06	22.98	22.97				
10	1	23		22.81	22.96	23.02				
10	24	0		25.37	25.46	25.52				
10	1	1	16-QAM	25.52	25.46	25.48	24.82	0.3034		
10	1	1	64-QAM	24.18	24.02	23.98				
10	1	1	256-QAM	22.09	21.91	21.98				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	26.48	26.48	26.45	25.79	0.3793		
15	1	36		26.37	26.43	26.49				
15	18	9		26.37	26.47	26.48				
15	1	0		23.11	22.89	23.00				
15	1	37		22.85	22.83	22.97				
15	36	0		25.85	25.97	25.96				
15	1	1	QPSK	26.43	26.46	26.49				
15	1	36		26.35	26.43	26.41				
15	18	9		26.39	26.48	26.44				
15	1	0		23.06	22.88	23.02				
15	1	37		22.79	22.83	22.99				
15	36	0		25.36	25.44	25.51				
15	1	1	16-QAM	25.75	25.62	25.56	25.05	0.3199		
15	1	1	64-QAM	24.17	23.92	24.24				
15	1	1	256-QAM	22.18	21.97	22.01				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	26.42	26.45	26.42	25.78	0.3784		
20	1	49		26.43	26.45	26.47				
20	25	12		26.42	26.46	26.45				
20	1	0		23.15	22.96	23.03				
20	1	50		22.83	22.89	22.96				
20	50	0		25.89	25.99	26.01				
20	1	1	QPSK	26.48	26.46	26.42				
20	1	49		26.41	26.45	26.46				
20	25	12		26.44	26.47	26.46				
20	1	0		23.12	22.96	23.00				
20	1	50		22.80	22.93	22.94				
20	50	0		25.40	25.51	25.50				
20	1	1	16-QAM	25.70	25.51	25.67	25.00	0.3162		
20	1	1	64-QAM	24.00	23.98	24.07				
20	1	1	256-QAM	22.16	22.00	22.07				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	26.46	26.41	26.47	25.79	0.3793		
25	1	63		26.21	26.38	26.43				
25	32	16		26.49	26.48	26.46				
25	1	0		23.19	22.91	23.06				
25	1	64		22.73	22.92	22.92				
25	64	0		25.96	25.96	26.01				
25	1	1	QPSK	26.46	26.40	26.43				
25	1	63		26.27	26.40	26.42				
25	32	16		26.42	26.49	26.48				
25	1	0		23.13	22.94	23.06				
25	1	64		22.69	22.90	22.94				
25	64	0		25.47	25.51	25.51				
25	1	1	16-QAM	25.60	25.64	25.51	24.94	0.3119		
25	1	1	64-QAM	24.21	24.03	24.10				
25	1	1	256-QAM	22.25	21.86	22.04				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	26.49	26.48	26.46	25.80	0.3802		
30	1	76		26.15	26.39	26.41				
30	36	18		26.47	26.50	26.48				
30	1	0		23.18	22.96	23.11				
30	1	77		22.68	22.84	22.89				
30	75	0		25.94	25.99	26.01				
30	1	1	QPSK	26.48	26.42	26.42				
30	1	76		26.19	26.38	26.40				
30	36	18		26.49	26.45	26.45				
30	1	0		23.16	22.97	23.12				
30	1	77		22.65	22.87	22.95				
30	75	0		25.44	25.49	25.49				
30	1	1	16-QAM	25.74	25.57	25.73	25.04	0.3192		
30	1	1	64-QAM	24.32	23.99	24.17				
30	1	1	256-QAM	22.10	21.78	22.17				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	26.43	26.45	26.49	25.79	0.3793		
40	1	104		26.14	26.26	26.32				
40	50	25		26.45	26.49	26.48				
40	1	0		23.21	22.98	23.19				
40	1	105		22.55	22.74	22.85				
40	100	0		25.98	25.99	25.96				
40	1	1	QPSK	26.46	26.48	26.49				
40	1	104		26.11	26.32	26.31				
40	50	25		26.43	26.49	26.49				
40	1	0		23.22	22.98	23.10				
40	1	105		22.55	22.74	22.79				
40	100	0		25.48	25.52	25.46				
40	1	1	16-QAM	25.85	25.67	25.85	25.15	0.3273		
40	1	1	64-QAM	24.30	24.19	24.29				
40	1	1	256-QAM	22.14	22.20	21.93				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	26.47	26.42	26.49	25.79	0.3793		
50	1	131		26.14	26.20	26.34				
50	64	32		26.37	26.49	26.46				
50	1	0		23.24	23.10	23.20				
50	1	132		22.56	22.66	22.79				
50	128	0		25.85	25.99	26.04				
50	1	1	QPSK	26.48	26.42	26.47				
50	1	131		26.12	26.17	26.33				
50	64	32		26.38	26.47	26.49				
50	1	0		23.23	23.08	23.21				
50	1	132		22.58	22.74	22.80				
50	128	0		25.35	25.47	25.54				
50	1	1	16-QAM	25.88	25.62	25.67	25.18	0.3296		
50	1	1	64-QAM	24.13	24.18	24.23				
50	1	1	256-QAM	22.27	22.01	22.30				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	26.26	26.06	26.10	25.78	0.3784		
60	1	160		26.08	26.05	26.19				
60	81	40		26.36	26.46	26.48				
60	1	0		22.76	22.70	22.59				
60	1	161		22.56	22.57	22.65				
60	162	0		25.81	25.90	25.96				
60	1	1	QPSK	26.19	26.06	26.09				
60	1	160		26.04	26.00	26.14				
60	81	40		26.39	26.43	26.42				
60	1	0		22.70	22.58	22.55				
60	1	161		22.56	22.52	22.64				
60	162	0		25.32	25.43	25.47				
60	1	1	16-QAM	25.25	25.09	25.21	24.55	0.2851		
60	1	1	64-QAM	23.80	23.46	23.65				
60	1	1	256-QAM	21.81	21.58	21.56				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	26.20	26.22	26.07	25.79	0.3793		
70	1	187		25.98	26.00	26.13				
70	90	45		26.31	26.42	26.49				
70	1	0		22.72	22.71	22.62				
70	1	188		22.48	22.52	22.68				
70	180	0		25.87	26.01	26.05				
70	1	1	QPSK	26.20	26.20	26.02				
70	1	187		25.88	25.99	26.10				
70	90	45		26.34	26.49	26.43				
70	1	0		22.74	22.68	22.58				
70	1	188		22.42	22.47	22.64				
70	180	0		25.35	25.51	25.59				
70	1	1	16-QAM	25.06	25.24	25.10	24.54	0.2844		
70	1	1	64-QAM	23.74	23.67	23.66				
70	1	1	256-QAM	21.71	21.70	21.59				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	26.20	26.13	26.08	25.79	0.3793		
80	1	215		25.85	25.93	25.96				
80	108	54		26.44	26.48	26.42				
80	1	0		22.81	22.67	22.65				
80	1	216		22.44	22.49	22.57				
80	216	0		25.95	25.99	26.04				
80	1	1	QPSK	26.25	26.12	26.03				
80	1	215		25.88	25.95	25.96				
80	108	54		26.44	26.42	26.49				
80	1	0		22.82	22.65	22.63				
80	1	216		22.46	22.47	22.54				
80	216	0		25.43	25.49	25.53				
80	1	1	16-QAM	25.17	25.04	25.08	24.47	0.2799		
80	1	1	64-QAM	23.75	23.53	23.50				
80	1	1	256-QAM	21.93	21.70	21.71				
Limit	EIRP < 1W			Result			Pass			



Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	26.15	26.04	26.09	25.75	0.3758		
90	1	243		25.78	25.94	25.92				
90	120	60		26.45	26.45	26.42				
90	1	0		22.82	22.65	22.75				
90	1	244		22.37	22.58	22.59				
90	243	0		25.92	25.98	25.99				
90	1	1	QPSK	26.17	26.06	26.10				
90	1	243		25.85	25.97	25.98				
90	120	60		26.45	26.43	26.42				
90	1	0		22.73	22.59	22.70				
90	1	244		22.38	22.54	22.55				
90	243	0		25.42	25.49	25.51				
90	1	1	16-QAM	25.28	25.06	25.15	24.58	0.2871		
90	1	1	64-QAM	23.69	23.67	23.57				
90	1	1	256-QAM	21.72	21.63	21.74				
Limit	EIRP < 1W			Result			Pass			

Part 27Q NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	-	26.27	-	25.79	0.3793		
100	1	271		-	25.95	-				
100	135	67		-	26.49	-				
100	1	0		-	22.89	-				
100	1	272		-	22.54	-				
100	270	0		-	25.96	-				
100	1	1	QPSK	-	26.40	-				
100	1	271		-	26.01	-				
100	135	67		-	26.43	-				
100	1	0		-	22.89	-				
100	1	272		-	22.53	-				
100	270	0		-	25.49	-				
100	1	1	16-QAM	-	25.34	-	24.64	0.2911		
100	1	1	64-QAM	-	24.09	-				
100	1	1	256-QAM	-	21.87	-				
Limit	EIRP < 1W			Result			Pass			



Part90s NR n26 Maximum Average Power [dBm] (GT - LC = -2.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP		
5	1	1	PI/2 BPSK	25.07	25.10	25.18	20.44	0.1107		
5	1	23		25.17	25.10	25.15				
5	12	6		25.08	25.05	25.11				
5	1	0		24.55	24.52	24.58				
5	1	24		24.58	24.62	24.60				
5	25	0		24.58	24.61	24.62				
5	1	1	QPSK	25.05	25.06	25.19				
5	1	23		25.09	25.16	25.09				
5	12	6		25.09	25.17	25.12				
5	1	0		24.02	24.10	24.11				
5	1	24		24.09	24.11	24.21				
5	25	0		24.15	24.05	24.08				
5	1	1	16-QAM	23.94	24.07	24.31	19.56	0.0904		
5	1	1	64-QAM	22.52	22.56	22.57				
5	1	1	256-QAM	20.45	20.26	20.24				
Limit	power < 100W			Result			Pass			

Part90s NR n26 Maximum Average Power [dBm] (GT - LC = -2.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP		
10	1	1	PI/2 BPSK	-	25.05	-	20.44	0.1107		
10	1	50		-	25.18	-				
10	25	12		-	25.09	-				
10	1	0		-	24.45	-				
10	1	51		-	24.72	-				
10	50	0		-	24.53	-				
10	1	1	QPSK	-	25.15	-				
10	1	50		-	25.19	-				
10	25	12		-	25.16	-				
10	1	0		-	24.05	-				
10	1	51		-	24.14	-				
10	50	0		-	24.12	-				
10	1	1	16-QAM	-	24.07	-	19.32	0.0855		
10	1	1	64-QAM	-	22.36	-				
10	1	1	256-QAM	-	20.29	-				
Limit	power < 100W			Result			Pass			



NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -2.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP		
5	1	1	PI/2 BPSK	-	25.16	-	20.41	0.1099		
5	1	23		-	25.16	-				
5	12	6		-	25.13	-				
5	1	0		-	24.63	-				
5	1	24		-	24.63	-				
5	25	0		-	24.59	-				
5	1	1	QPSK	-	25.08	-				
5	1	23		-	25.07	-				
5	12	6		-	25.04	-				
5	1	0		-	24.03	-				
5	1	24		-	24.14	-				
5	25	0		-	24.15	-				
5	1	1	16-QAM	-	24.22	-	19.47	0.0885		
5	1	1	64-QAM	-	22.62	-				
5	1	1	256-QAM	-	20.50	-				
Limit	Reporting only			Result			N/A			

NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -2.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP		
10	1	1	PI/2 BPSK	-	25.07	-	20.41	0.1099		
10	1	50		-	25.13	-				
10	25	12		-	25.16	-				
10	1	0		-	24.53	-				
10	1	51		-	24.64	-				
10	50	0		-	24.63	-				
10	1	1	QPSK	-	25.12	-				
10	1	50		-	25.16	-				
10	25	12		-	25.15	-				
10	1	0		-	24.15	-				
10	1	51		-	24.15	-				
10	50	0		-	24.14	-				
10	1	1	16-QAM	-	24.21	-	19.46	0.0883		
10	1	1	64-QAM	-	22.43	-				
10	1	1	256-QAM	-	20.48	-				
Limit	Reporting only			Result			N/A			



NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -2.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP		
15	1	1	PI/2 BPSK	-	25.00	-	20.40	0.1096		
15	1	77		-	25.13	-				
15	36	18		-	25.12	-				
15	1	0		-	24.51	-				
15	1	78		-	24.71	-				
15	75	0		-	24.61	-				
15	1	1	QPSK	-	24.99	-				
15	1	77		-	25.14	-				
15	36	18		-	25.15	-				
15	1	0		-	24.00	-				
15	1	78		-	24.09	-				
15	75	0		-	24.09	-				
15	1	1	16-QAM	-	24.07	-	19.32	0.0855		
15	1	1	64-QAM	-	22.45	-				
15	1	1	256-QAM	-	20.40	-				
Limit	Reporting only			Result			N/A			

NR n26 Straddle Channel Maximum Average Power [dBm] (GT - LC = -2.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP		
20	1	1	PI/2 BPSK	-	24.98	-	20.43	0.1104		
20	1	104		-	25.13	-				
20	50	25		-	25.17	-				
20	1	0		-	24.43	-				
20	1	105		-	24.63	-				
20	100	0		-	24.63	-				
20	1	1	QPSK	-	25.07	-				
20	1	104		-	25.17	-				
20	50	25		-	25.18	-				
20	1	0		-	24.01	-				
20	1	105		-	24.20	-				
20	100	0		-	24.20	-				
20	1	1	16-QAM	-	24.21	-	19.46	0.0883		
20	1	1	64-QAM	-	22.87	-				
20	1	1	256-QAM	-	20.45	-				
Limit	Reporting only			Result			N/A			

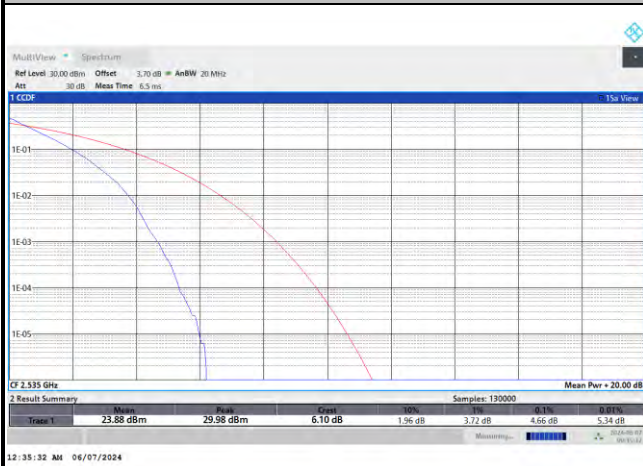
**FR1 n7****Peak-to-Average Ratio**

Mode	FR1 n7 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.66	5.80	6.46	6.60	PASS
Mode	FR1 n7 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.62				PASS

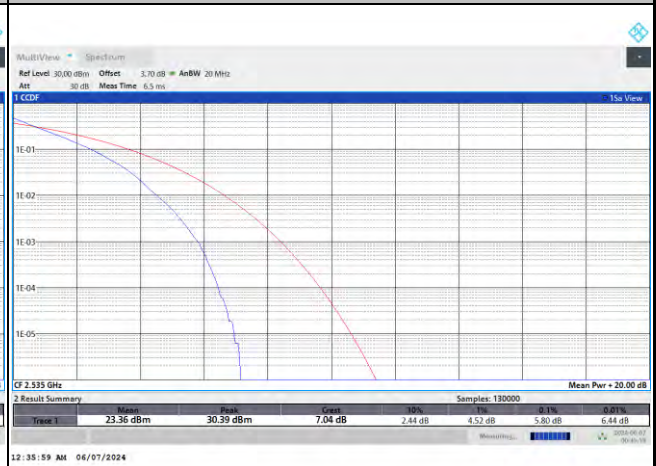


FR1 n7 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

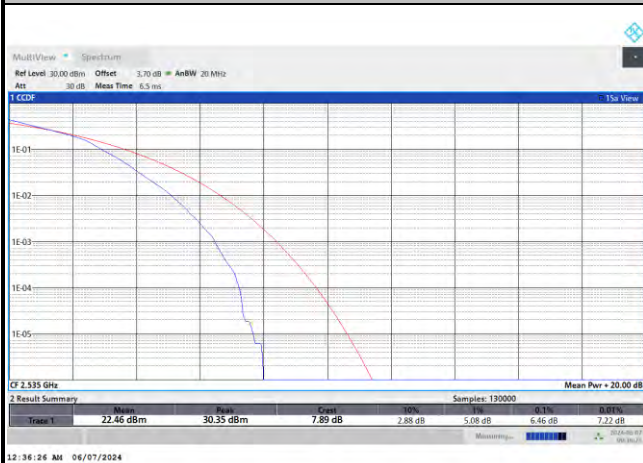
PI/2 BPSK



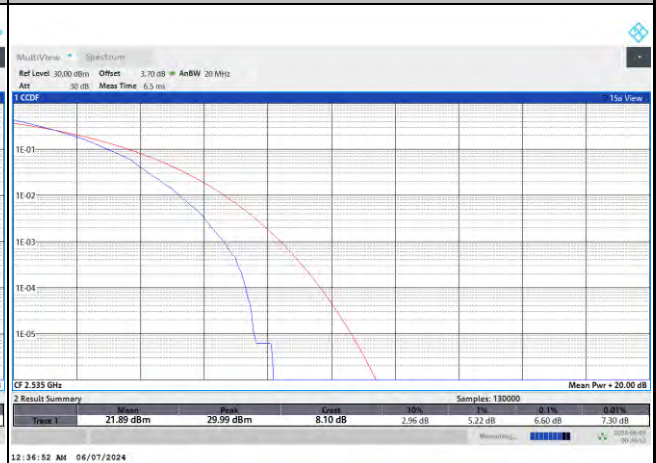
QPSK



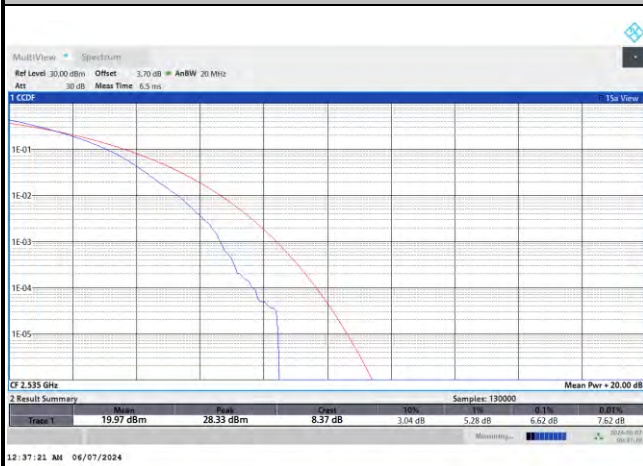
16QAM



64QAM



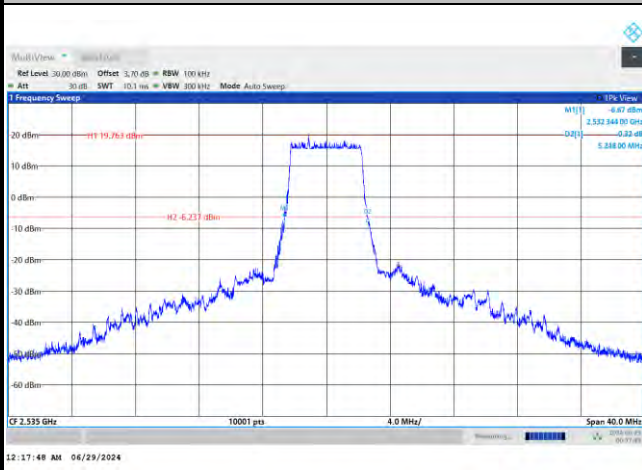
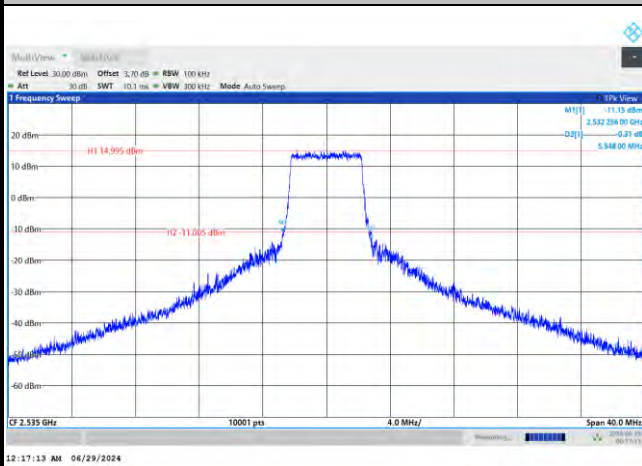
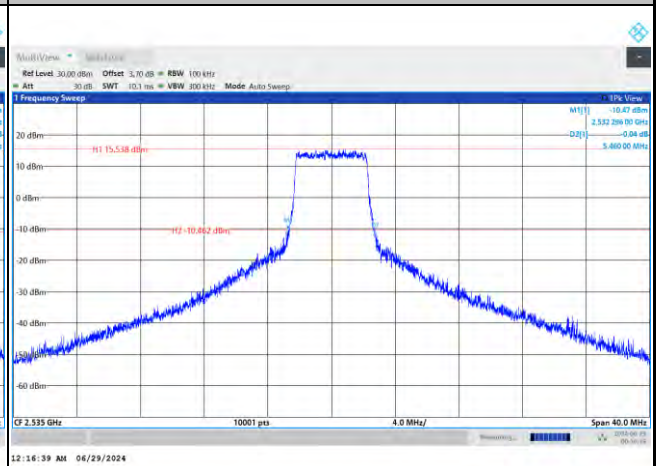
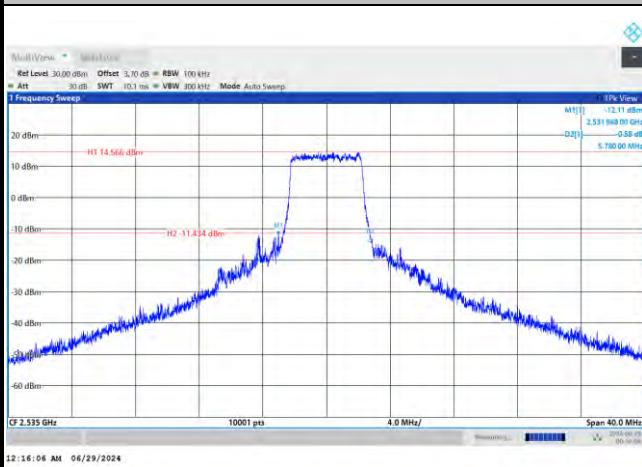
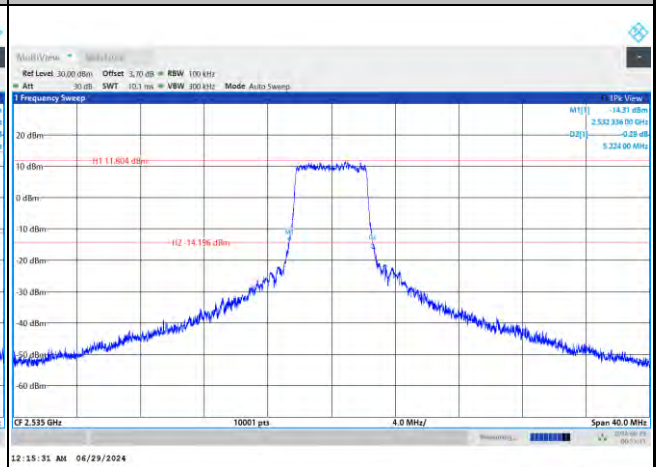
256QAM



**26dB Bandwidth**

Mode	FR1 n7 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	5.24		10.04		14.86		19.54	
BW	25MHz		30MHz		40MHz		50MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	25.28		33.41		43.35		52.62	

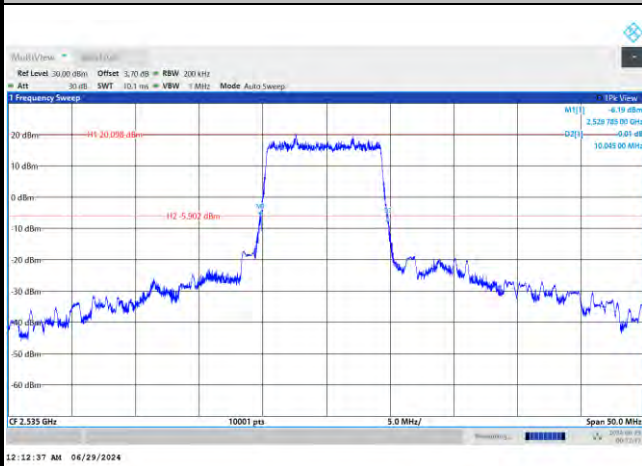
Mode	FR1 n7 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.54	5.45	10.45	10.45	15.63	15.56	21.51	21.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	5.78	5.22	10.45	10.35	15.43	15.33	21.40	21.69
BW	25MHz		30MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	26.24	26.17	33.45	32.80	43.59	43.47	53.07	52.94
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	26.35	26.25	35.64	33.51	43.30	43.54	53.10	53.00

**FR1 n7 / 5MHz / DFT-S OFDM / Middle Channel / Full RB****PI/2 BPSK****FR1 n7 / 5MHz / CP OFDM / Middle Channel / Full RB****QPSK****16QAM****64QAM****256QAM**



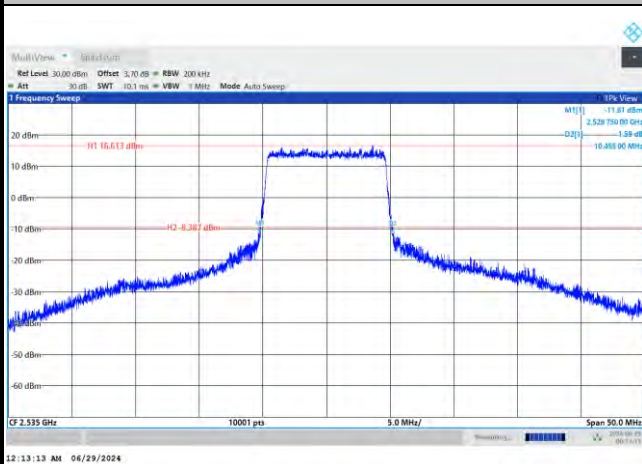
FR1 n7 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

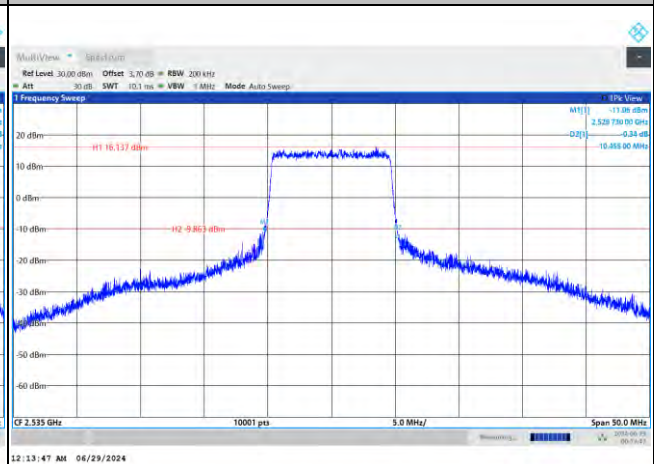


FR1 n7 / 10MHz / CP OFDM / Middle Channel / Full RB

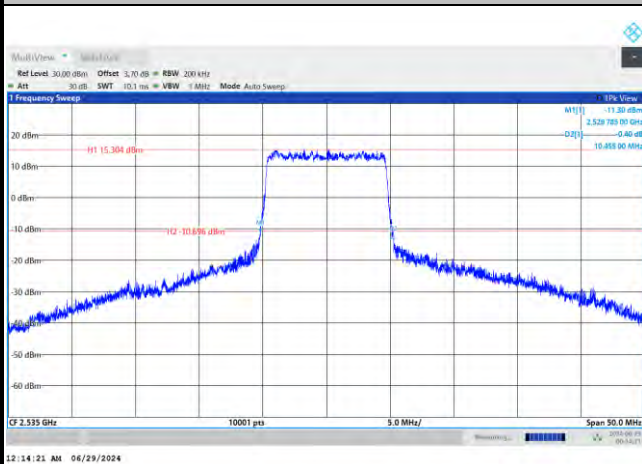
QPSK



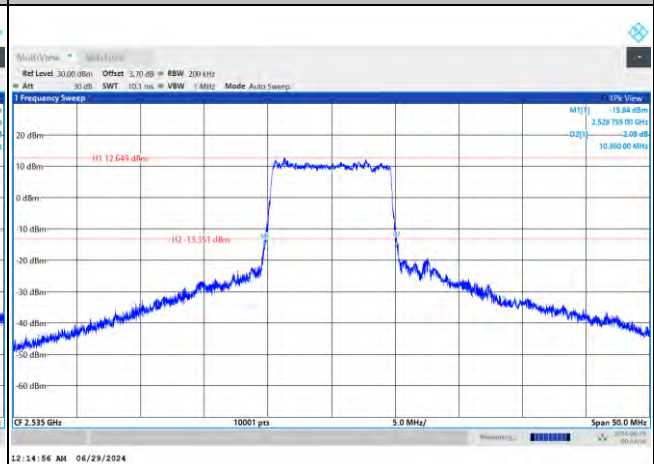
16QAM



64QAM



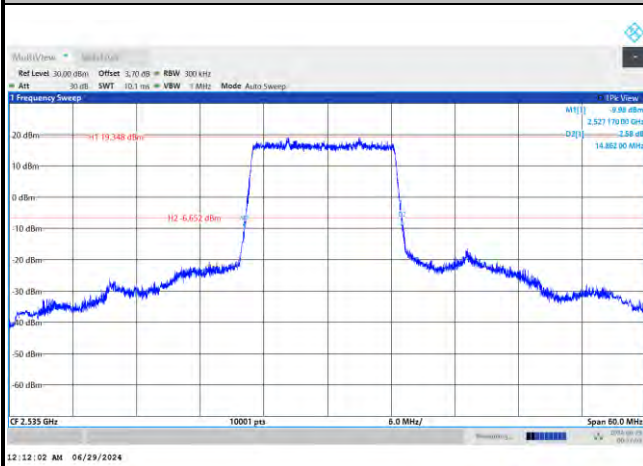
256QAM



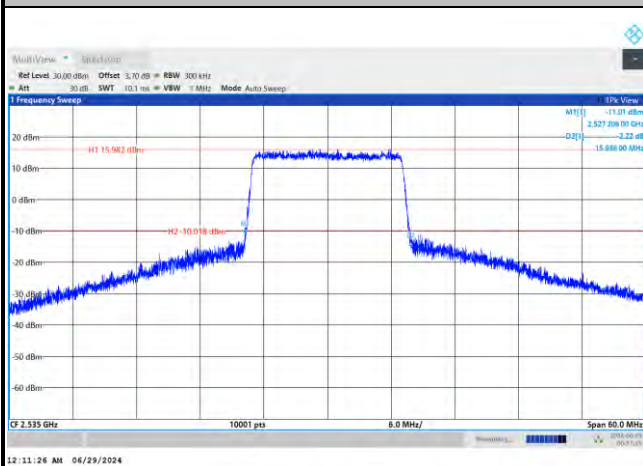


FR1 n7 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

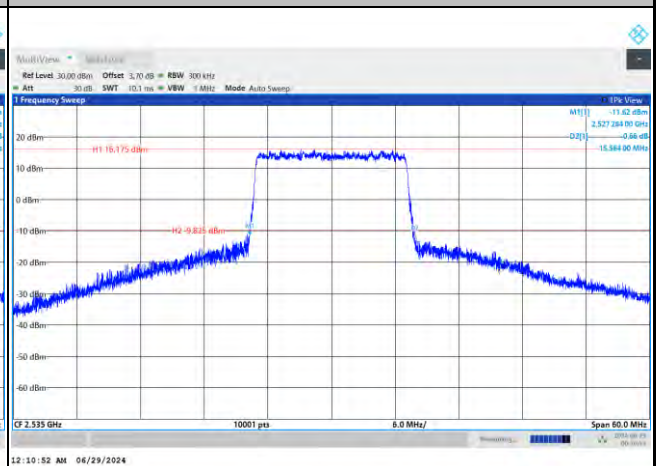
PI/2 BPSK

**FR1 n7 / 15MHz / CP OFDM / Middle Channel / Full RB**

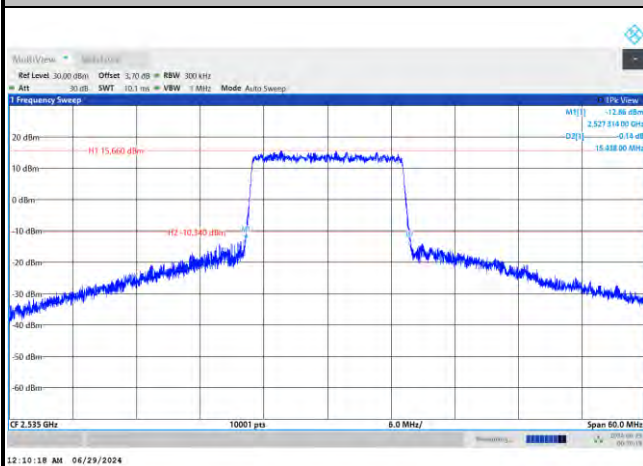
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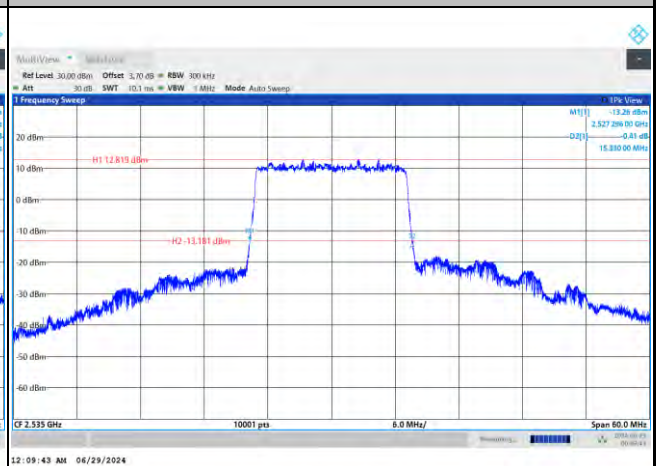
16QAM



64QAM



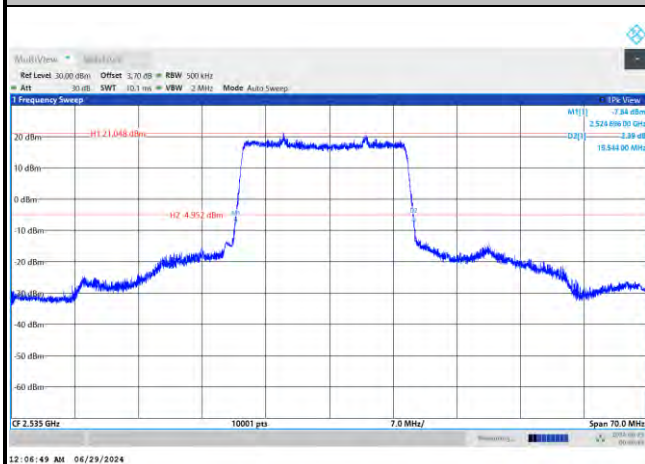
256QAM





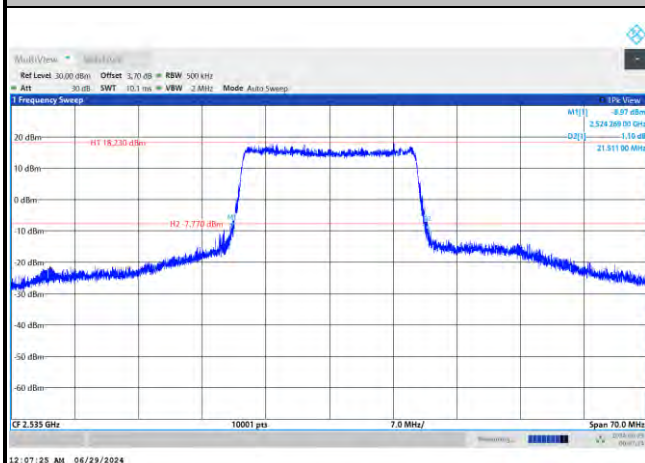
FR1 n7 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

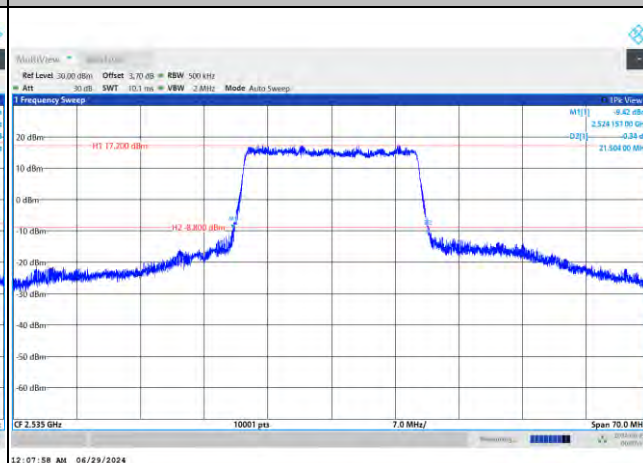


FR1 n7 / 20MHz / CP OFDM / Middle Channel / Full RB

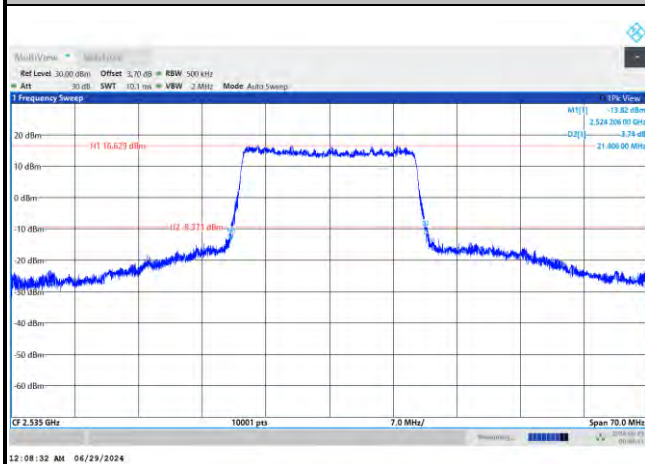
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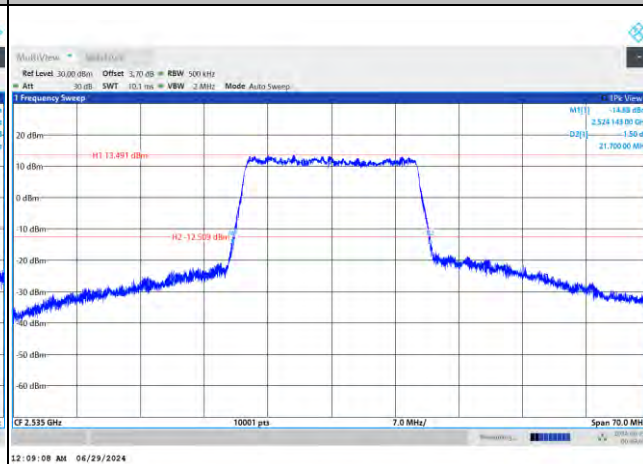
16QAM



64QAM



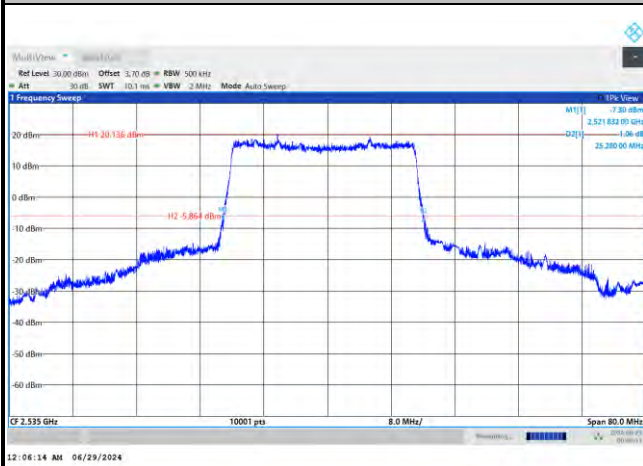
256QAM





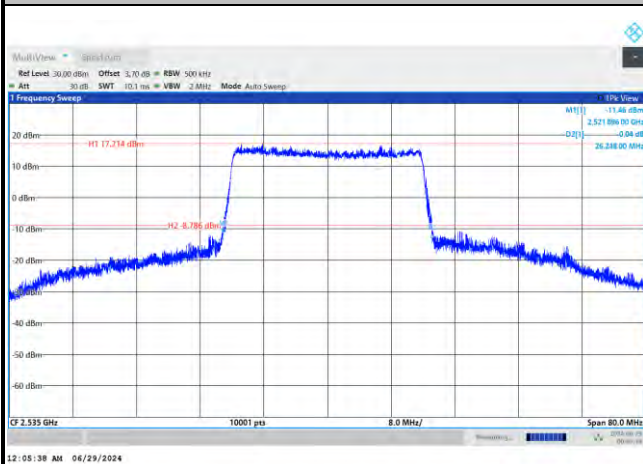
FR1 n7 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

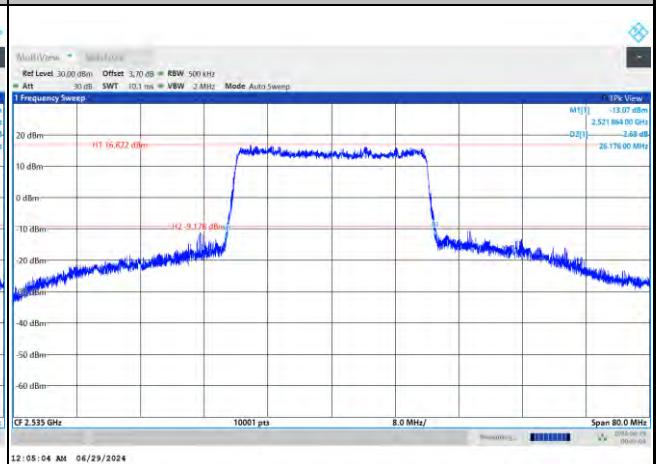


FR1 n7 / 25MHz / CP OFDM / Middle Channel / Full RB

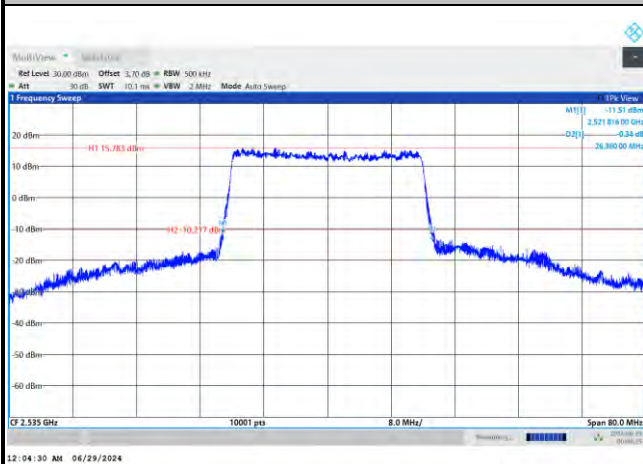
QPSK



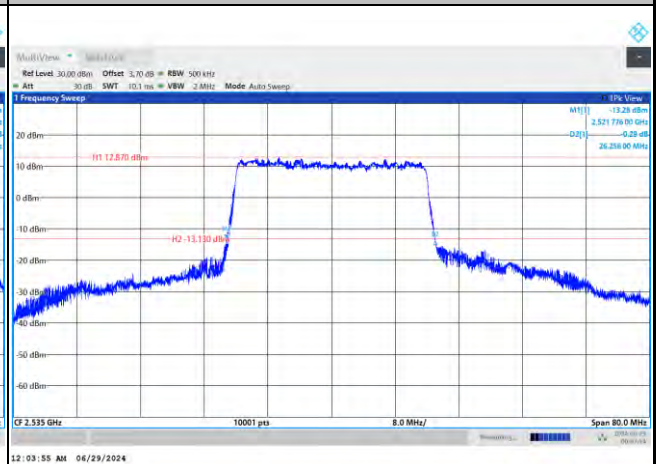
16QAM



64QAM



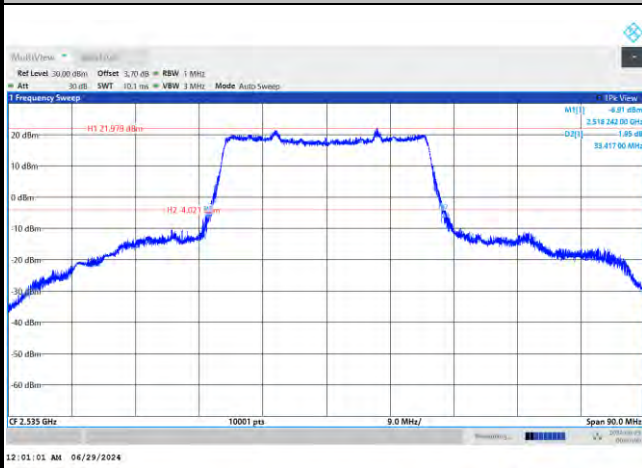
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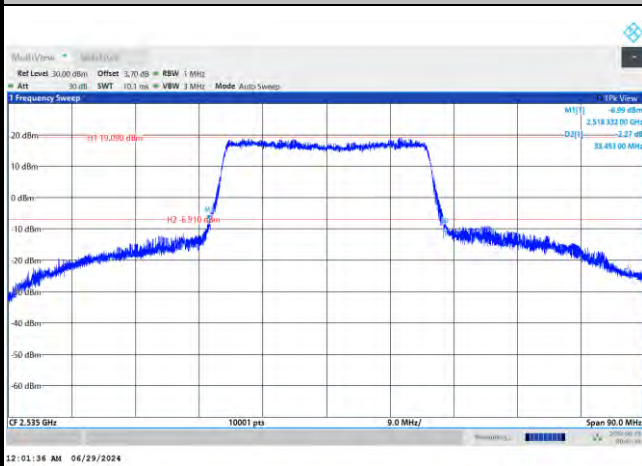
FR1 n7 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

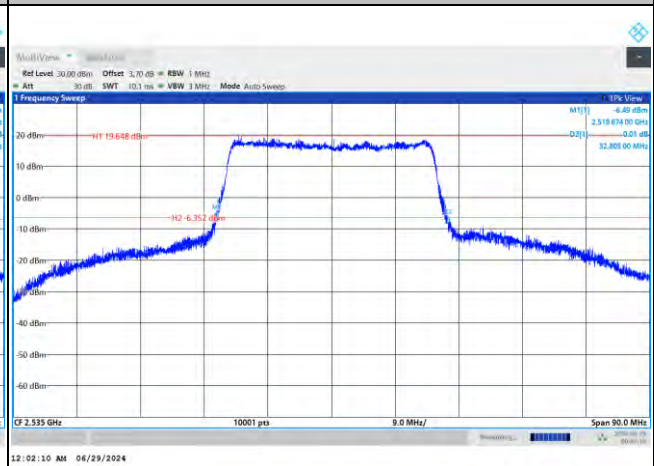


FR1 n7 / 30MHz / CP OFDM / Middle Channel / Full RB

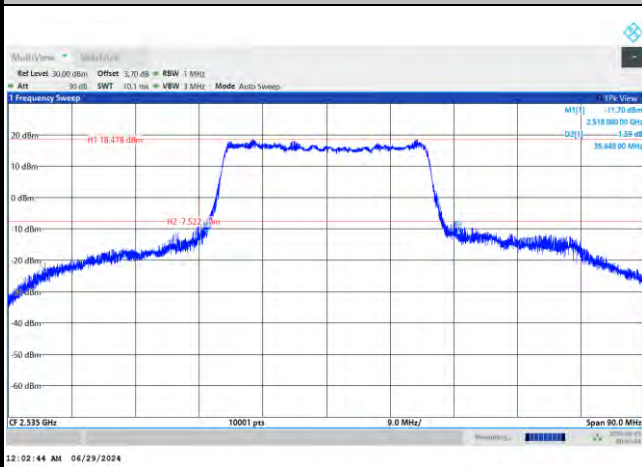
QPSK



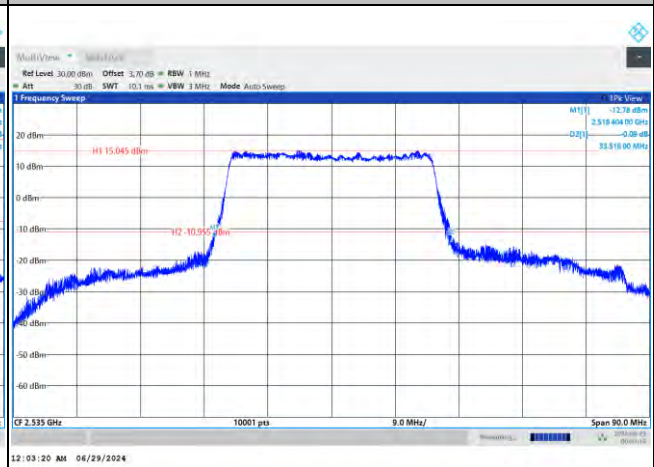
16QAM



64QAM

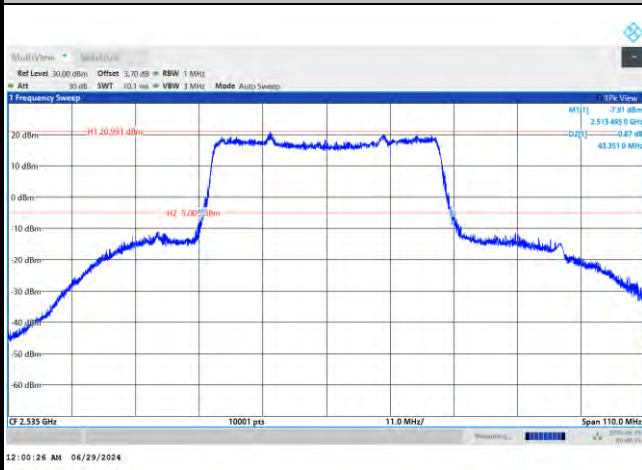


256QAM



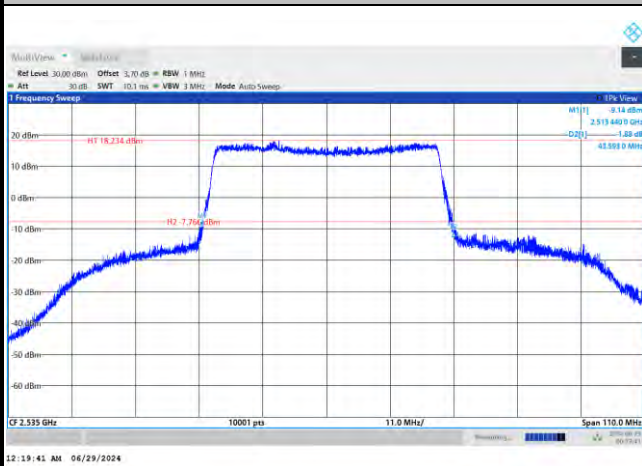
**FR1 n7 / 40MHz / DFT-S OFDM / Middle Channel / Full RB**

PI/2 BPSK

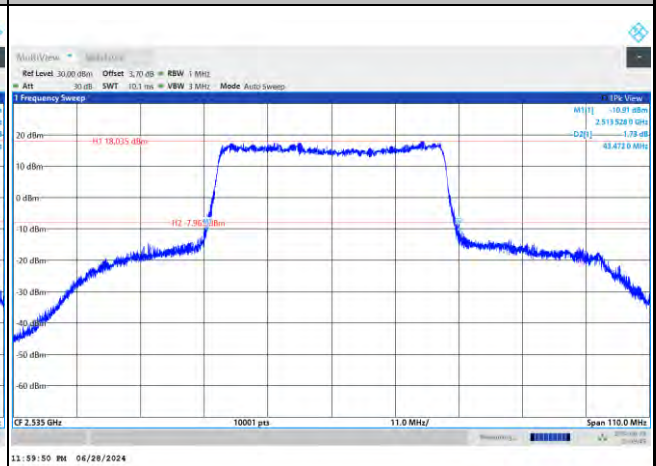


FR1 n7 / 40MHz / CP OFDM / Middle Channel / Full RB

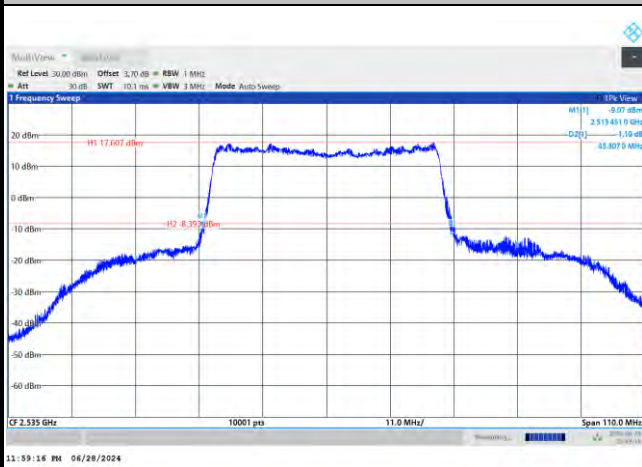
QPSK



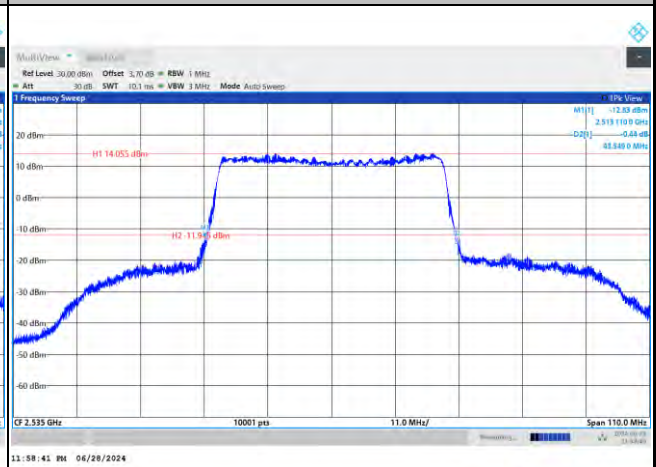
16QAM

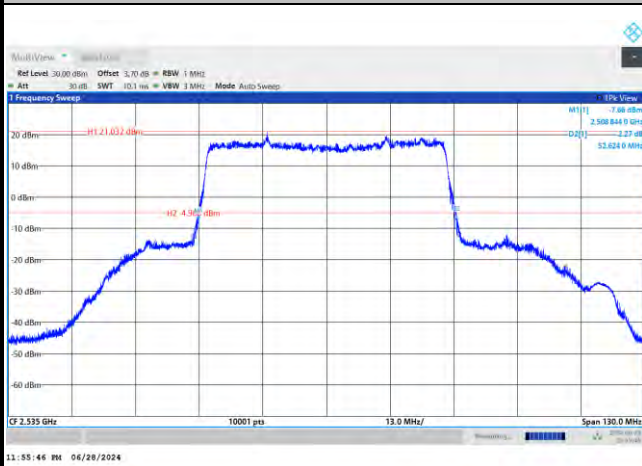


64QAM



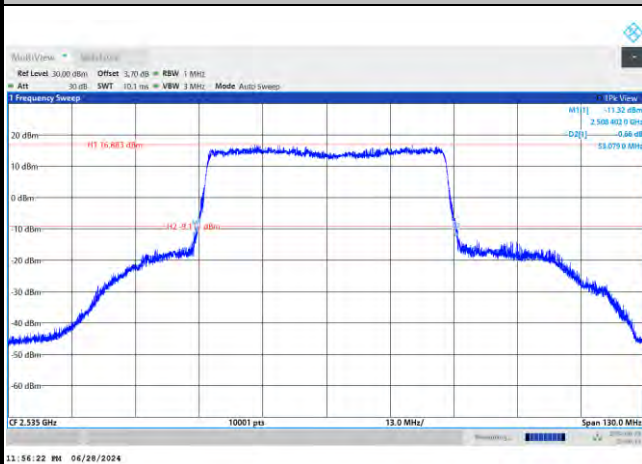
256QAM



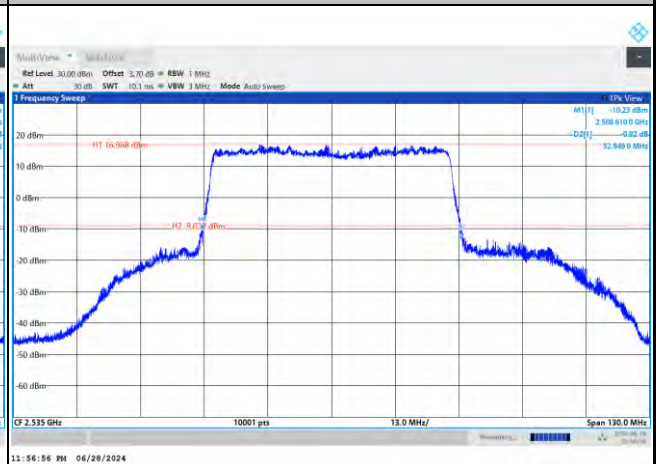
**FR1 n7 / 50MHz / DFT-S OFDM / Middle Channel / Full RB****PI/2 BPSK**

FR1 n7 / 50MHz / CP OFDM / Middle Channel / Full RB

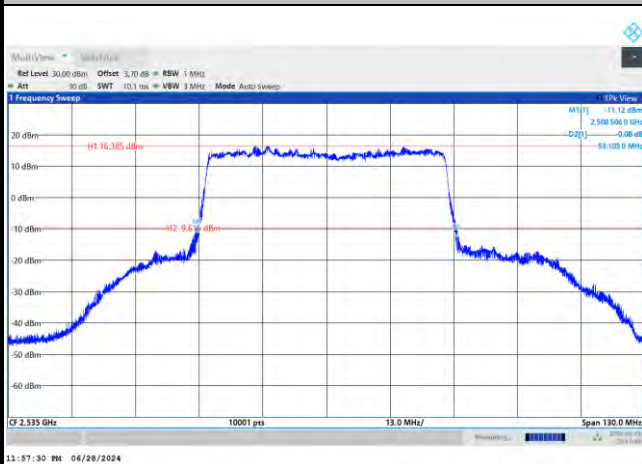
QPSK



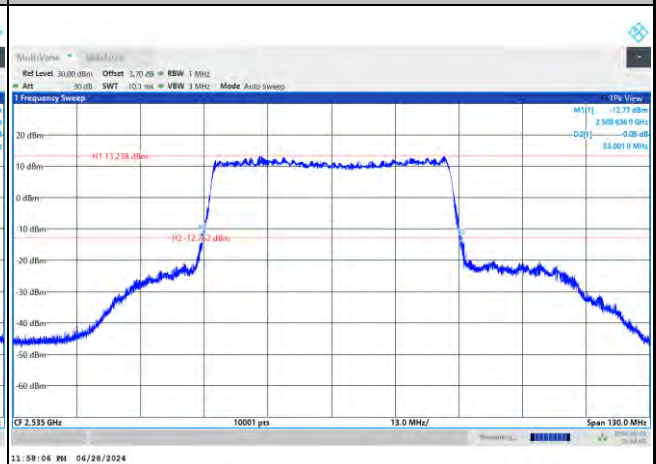
16QAM



64QAM



256QAM



**Occupied Bandwidth**

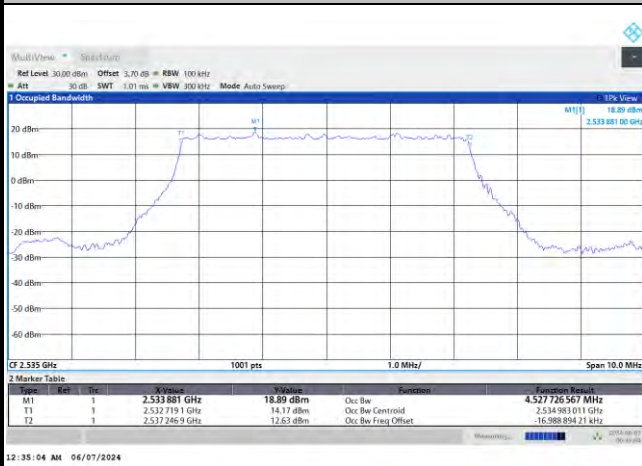
Mode	FR1 n7 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.52		9.03		13.52		18.12	
BW	25MHz		30MHz		40MHz		50MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	23.09		29.25		39.17		48.58	

Mode	FR1 n7 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.53	4.53	9.32	9.36	14.17	14.18	19.14	19.17
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.53	4.53	9.36	9.35	14.18	14.17	19.16	19.17
BW	25MHz		30MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	23.96	23.95	29.19	29.14	39.08	38.96	48.54	48.52
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	24.03	23.91	29.14	29.03	38.91	39.02	48.41	48.43



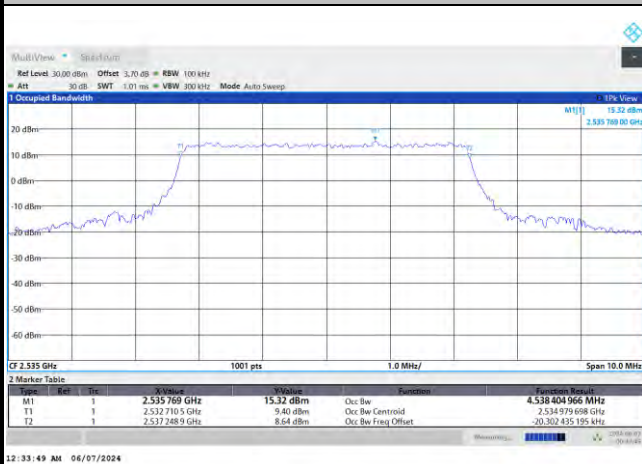
FR1 n7 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

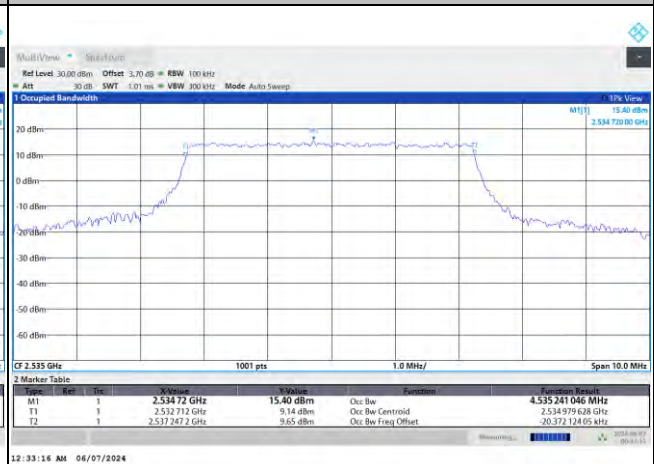


FR1 n7 / 5MHz / CP OFDM / Middle Channel / Full RB

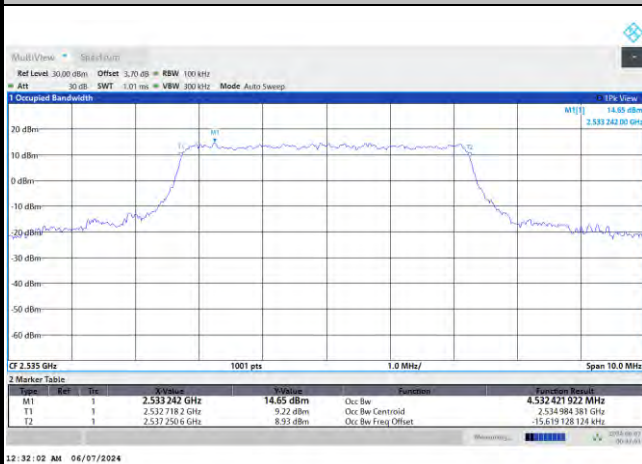
QPSK



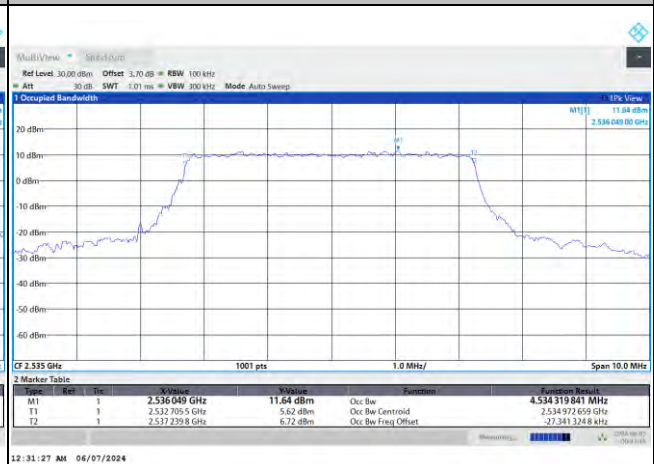
16QAM



64QAM



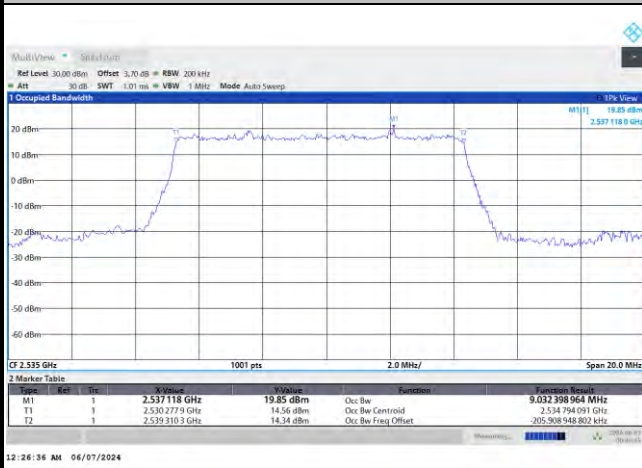
256QAM





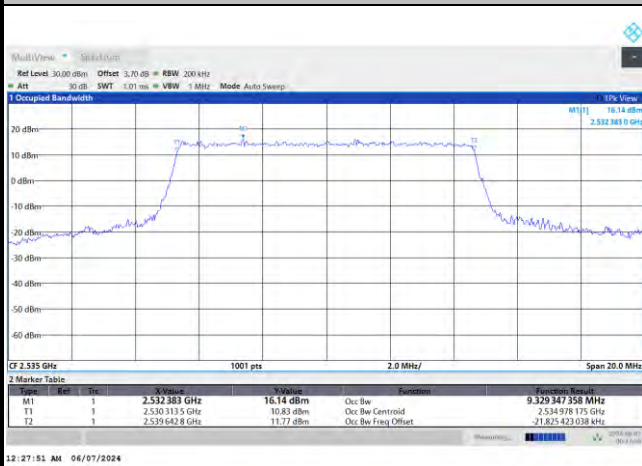
FR1 n7 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

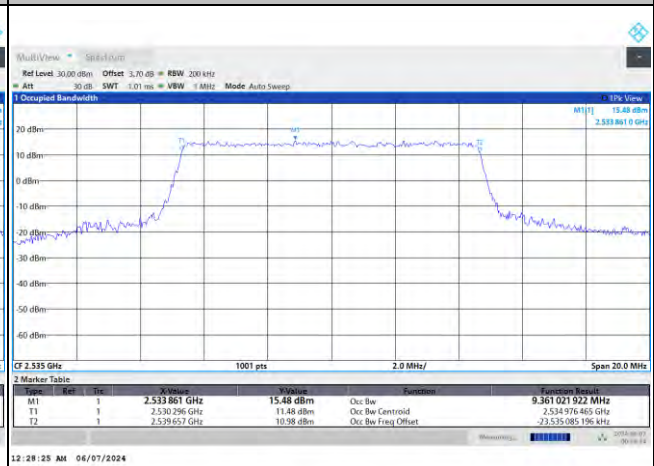


FR1 n7 / 10MHz / CP OFDM / Middle Channel / Full RB

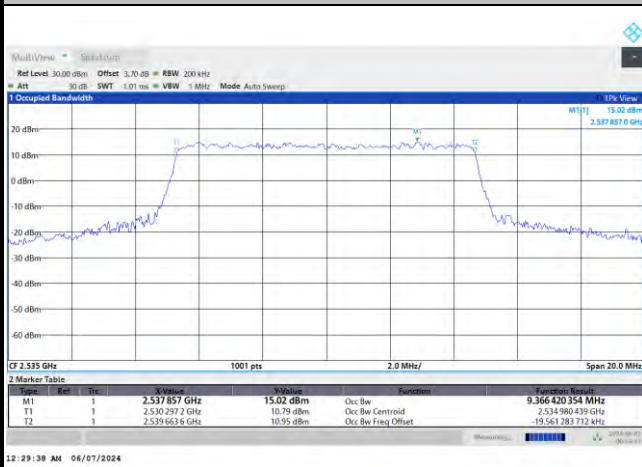
QPSK



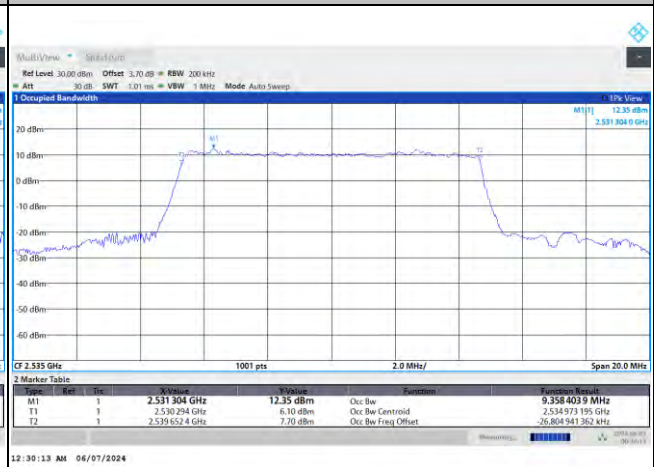
16QAM



64QAM



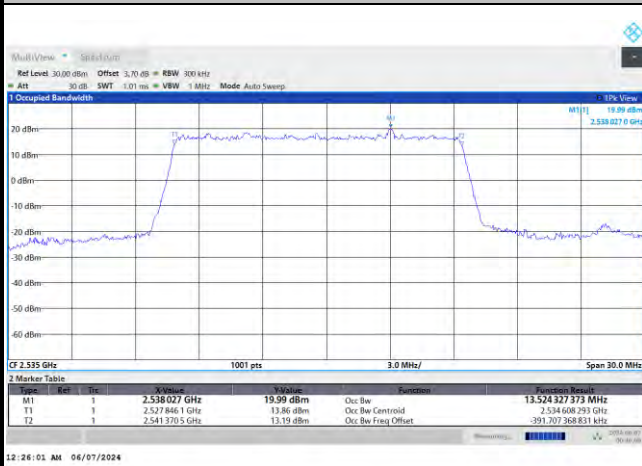
256QAM





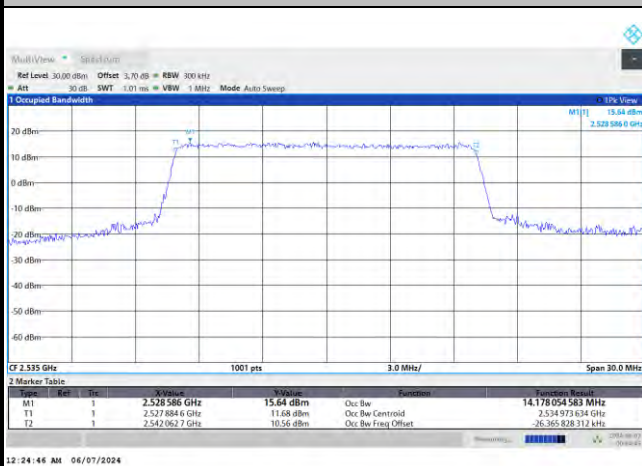
FR1 n7 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

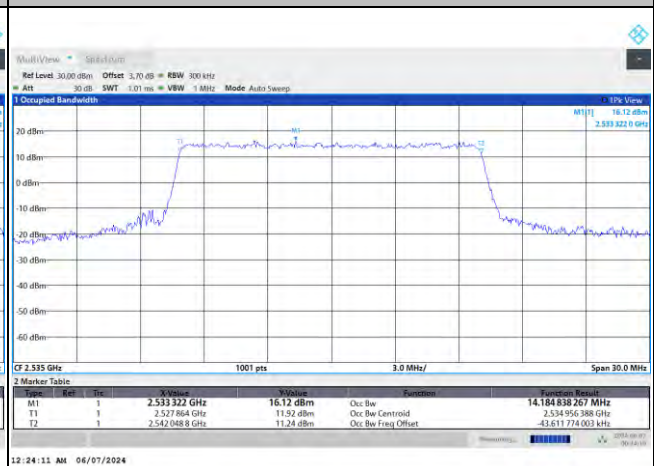


FR1 n7 / 15MHz / CP OFDM / Middle Channel / Full RB

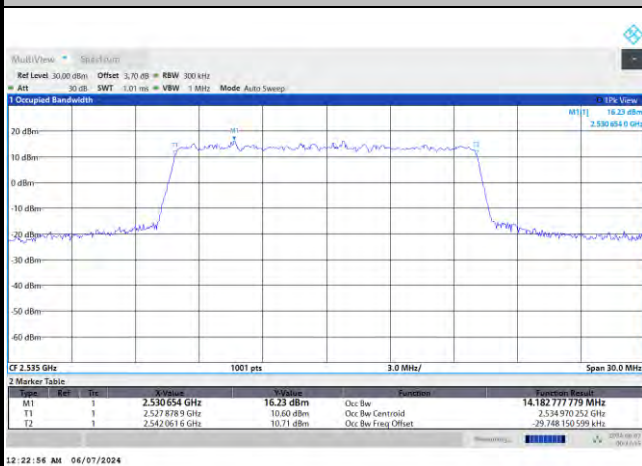
QPSK



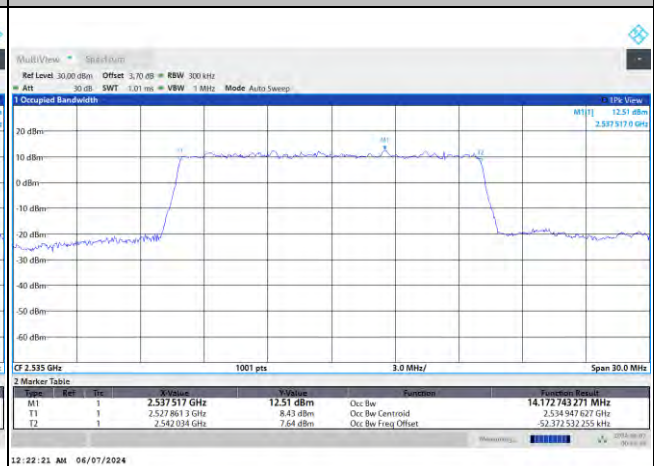
16QAM



64QAM



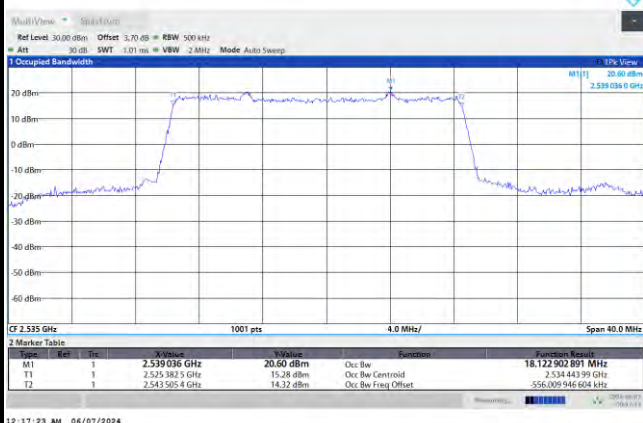
256QAM





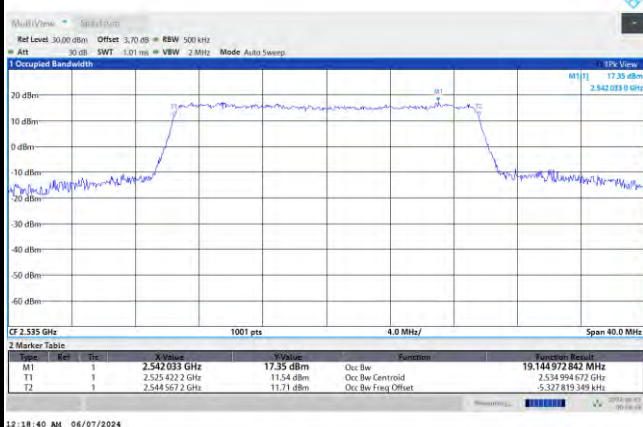
FR1 n7 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

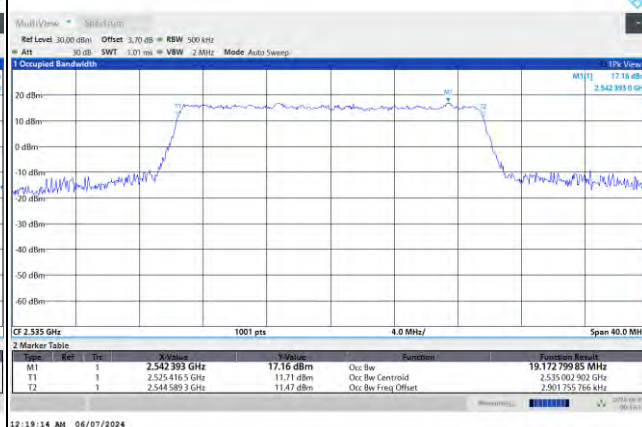


FR1 n7 / 20MHz / CP OFDM / Middle Channel / Full RB

QPSK



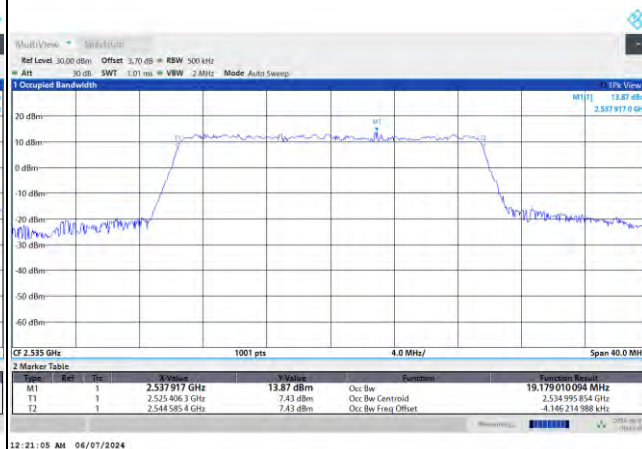
16QAM



64QAM



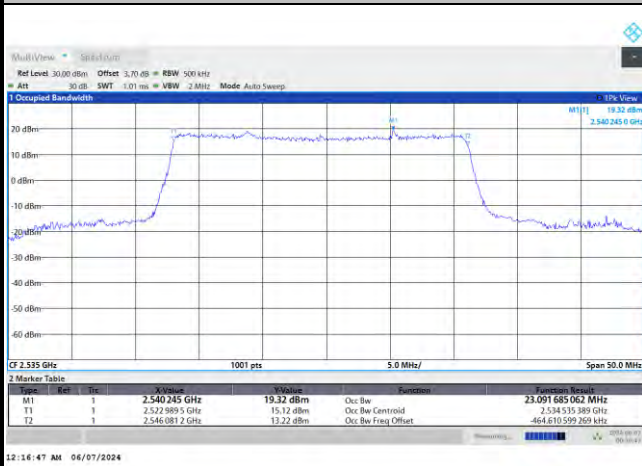
256QAM





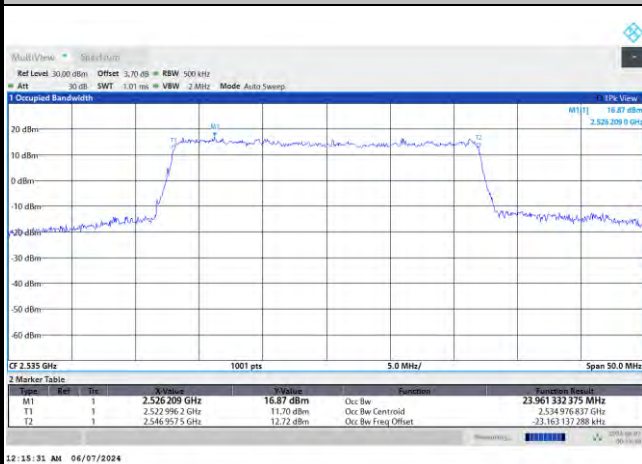
FR1 n7 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

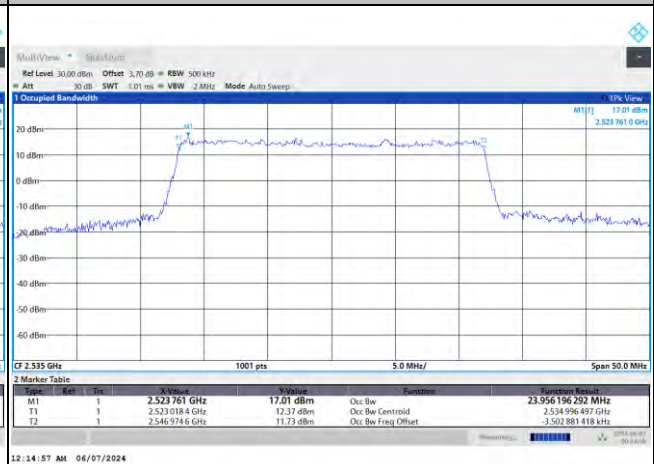


FR1 n7 / 25MHz / CP OFDM / Middle Channel / Full RB

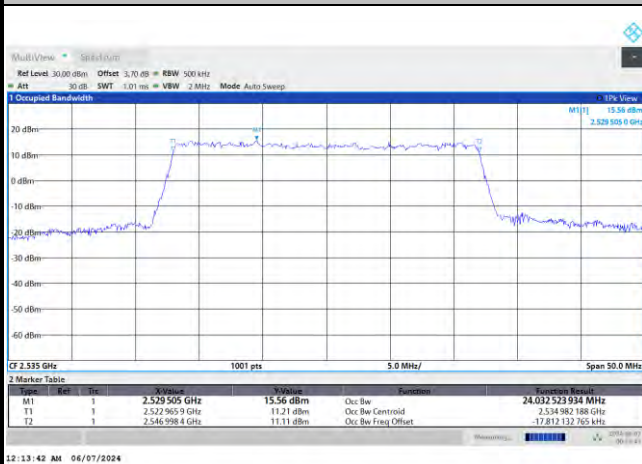
QPSK



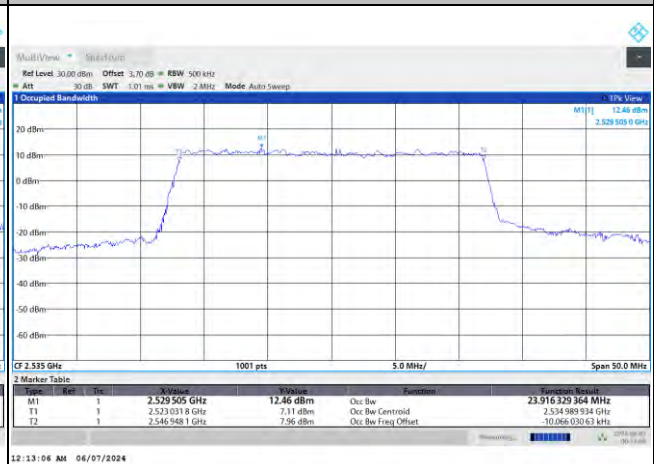
16QAM



64QAM



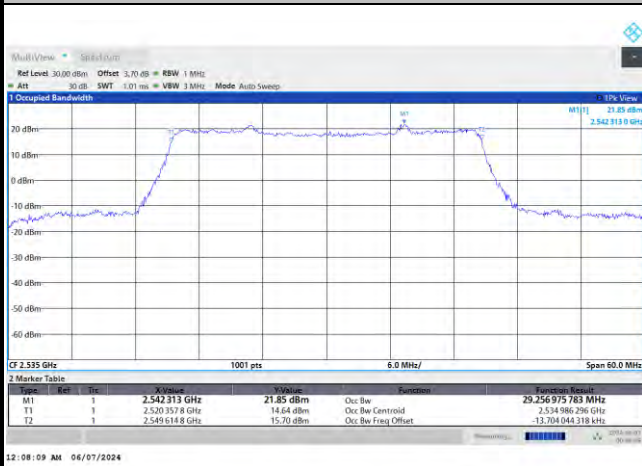
256QAM





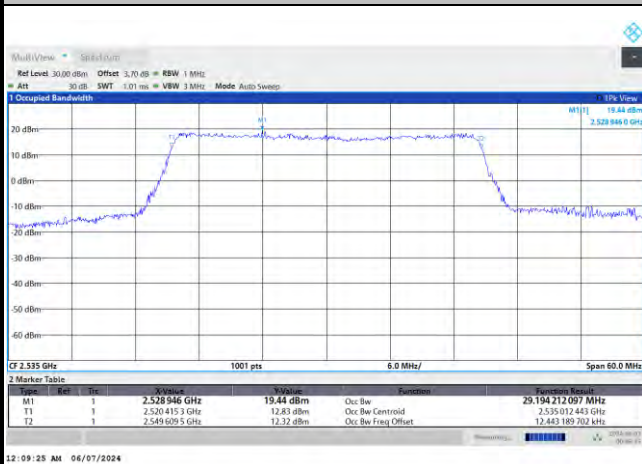
FR1 n7 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

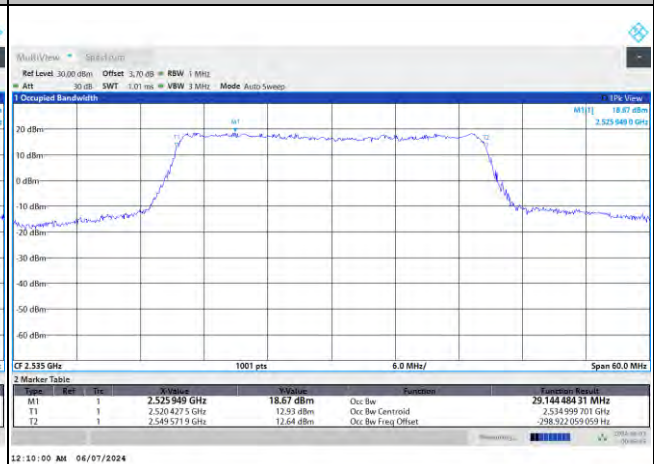


FR1 n7 / 30MHz / CP OFDM / Middle Channel / Full RB

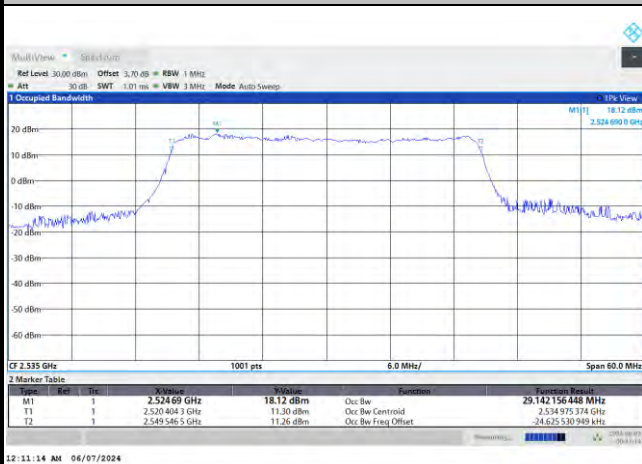
QPSK



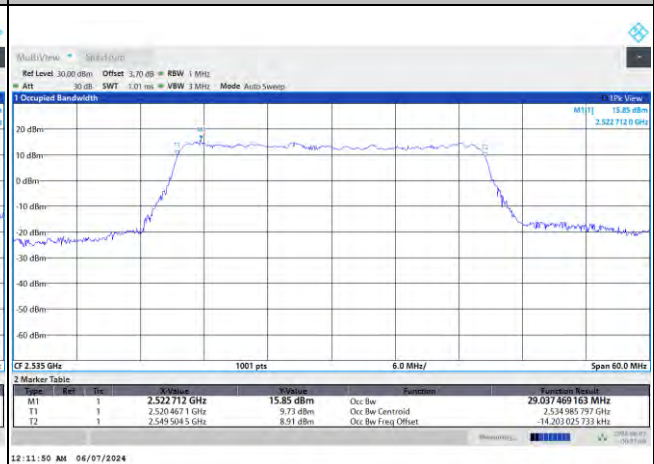
16QAM



64QAM



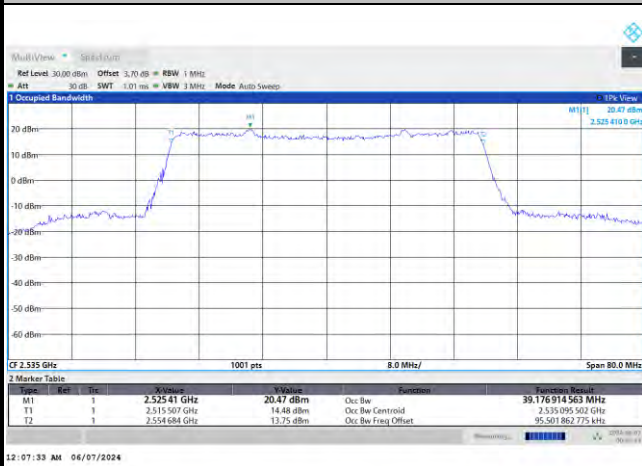
256QAM





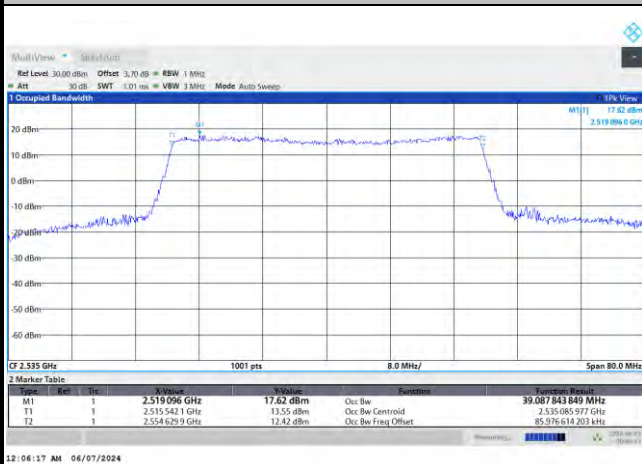
FR1 n7 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

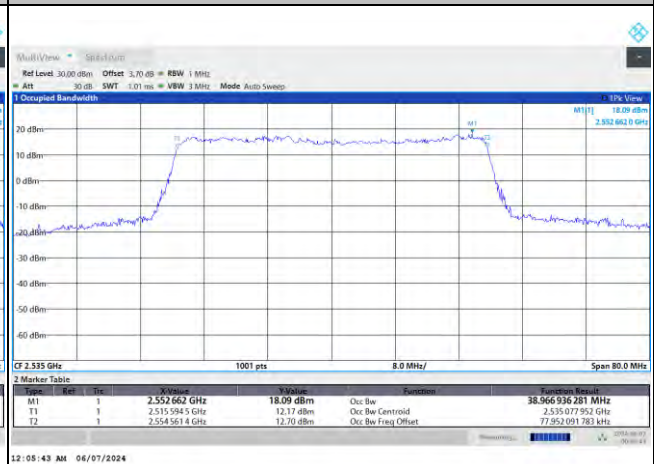


FR1 n7 / 40MHz / CP OFDM / Middle Channel / Full RB

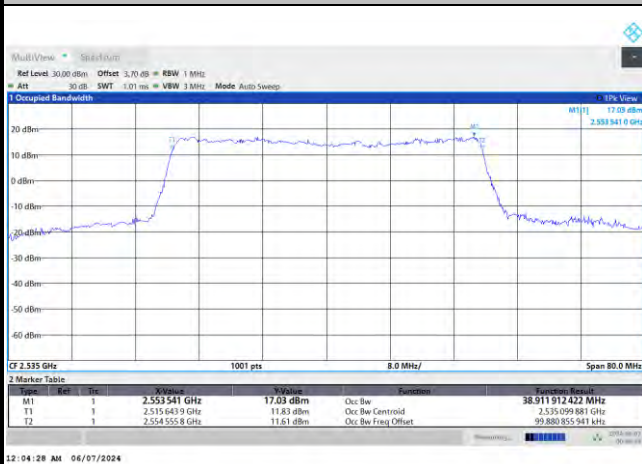
QPSK



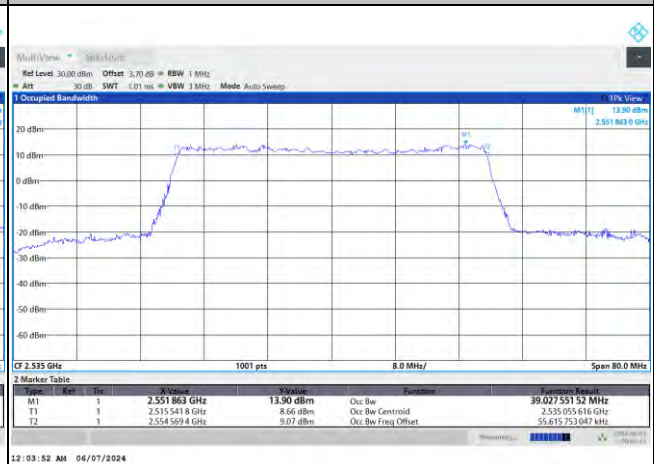
16QAM



64QAM



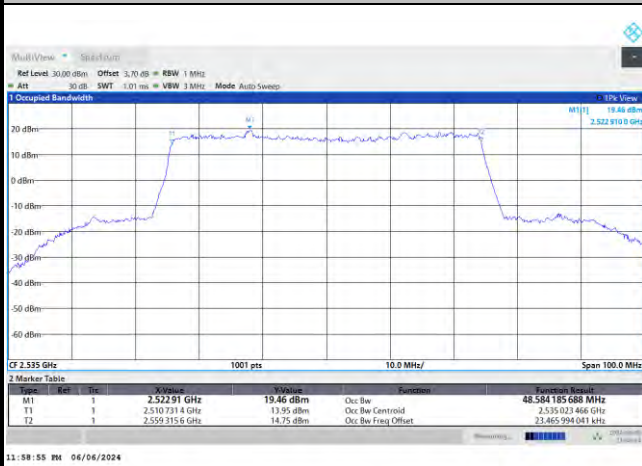
256QAM





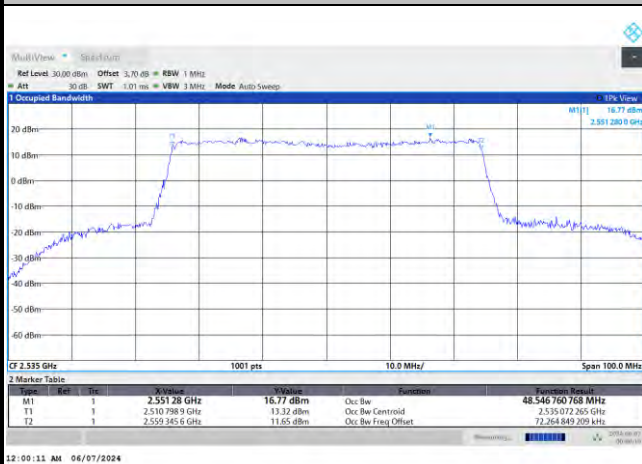
FR1 n7 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

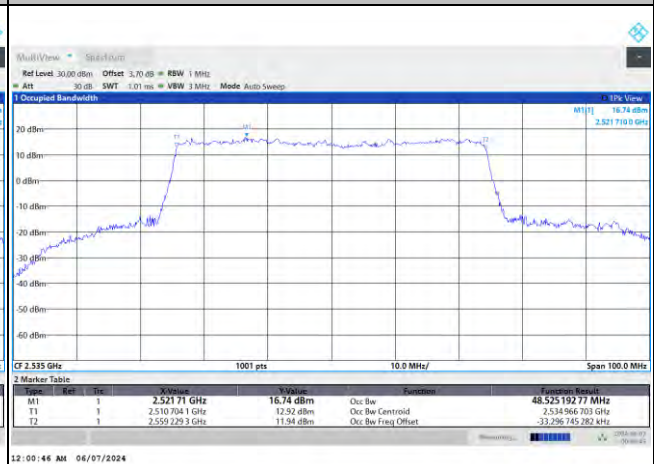


FR1 n7 / 50MHz / CP OFDM / Middle Channel / Full RB

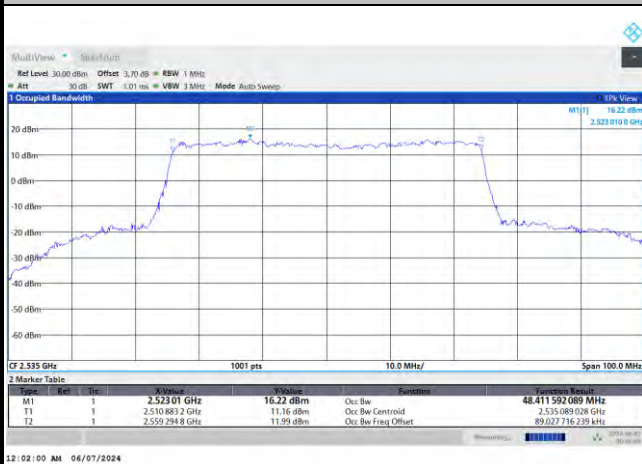
QPSK



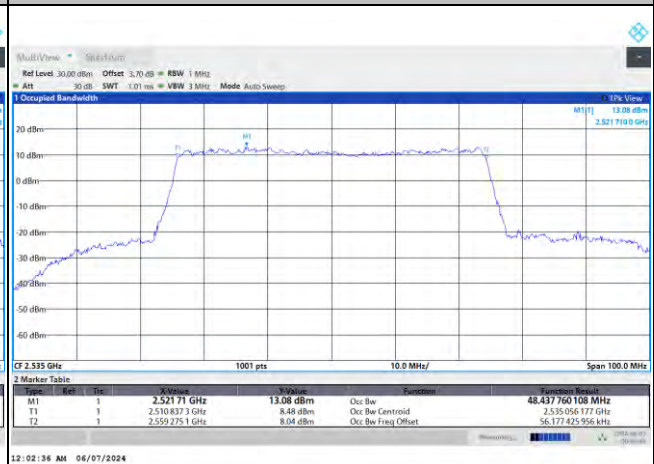
16QAM



64QAM



256QAM





Conducted Band Edge

FR1 n7 / 5MHz / DFT-S OFDM / PI/2 BPSK

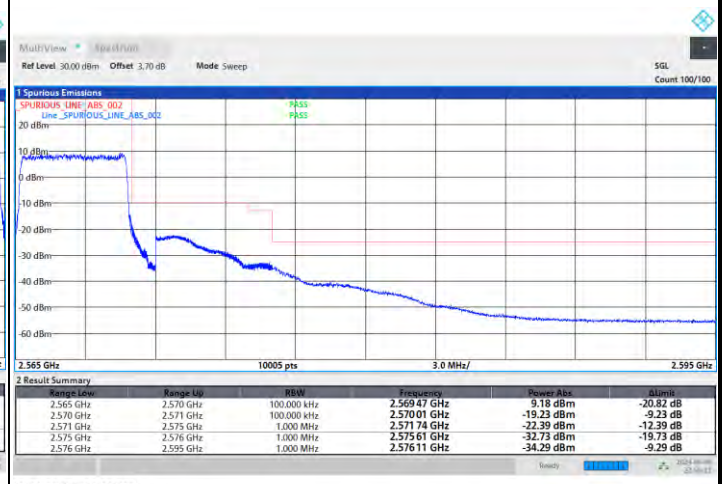
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



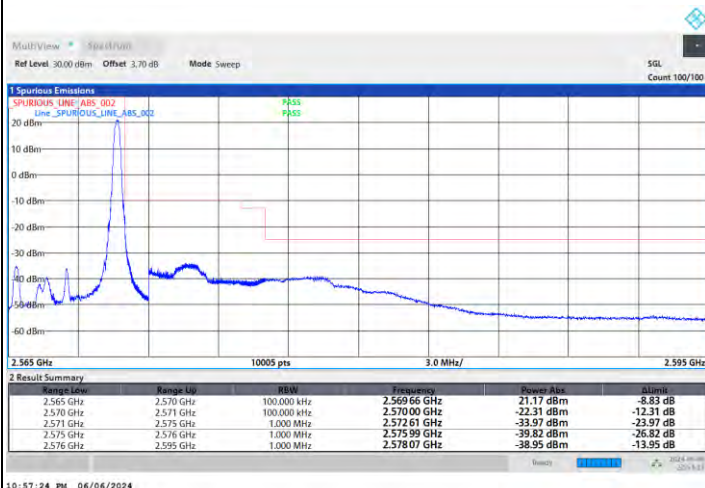


FR1 n7 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0



Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n7 / 5MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

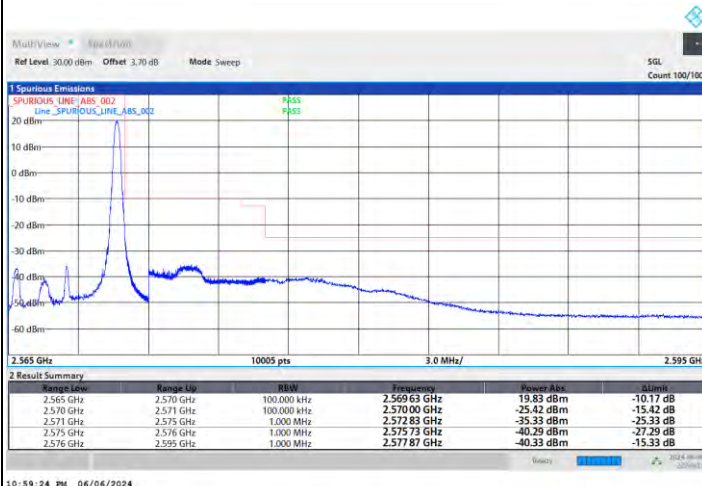




FR1 n7 / 5MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB





FR1 n7 / 5MHz / DFT-S OFDM / 256QAM

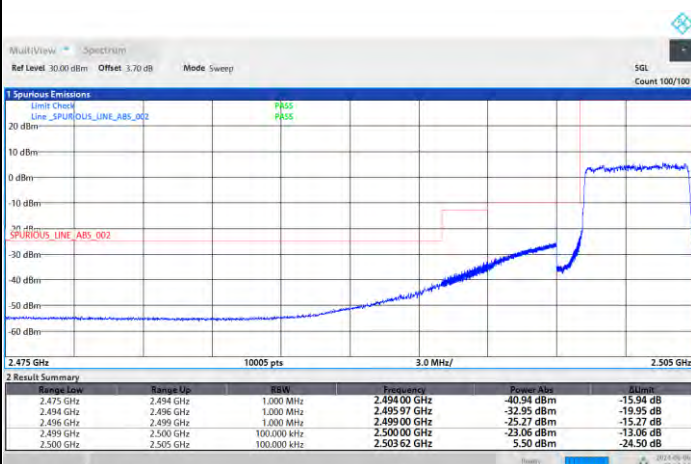
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB





FR1 n7 / 5MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



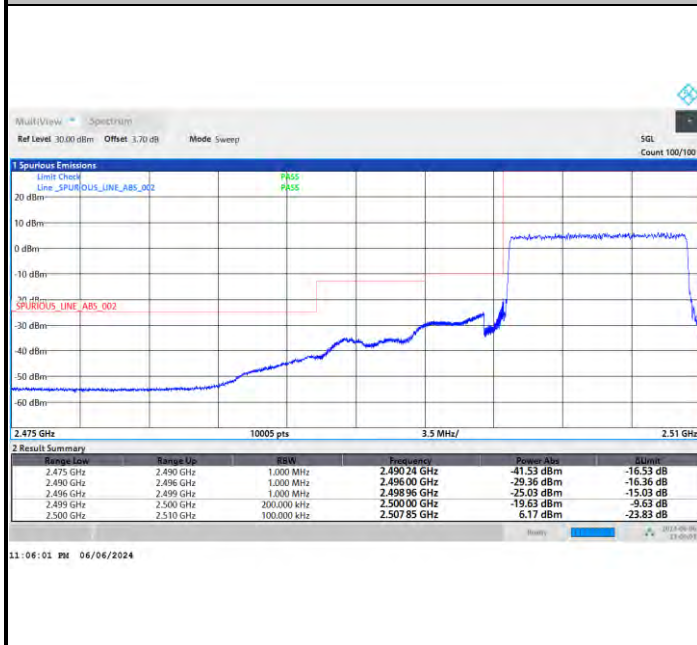
Highest Band Edge



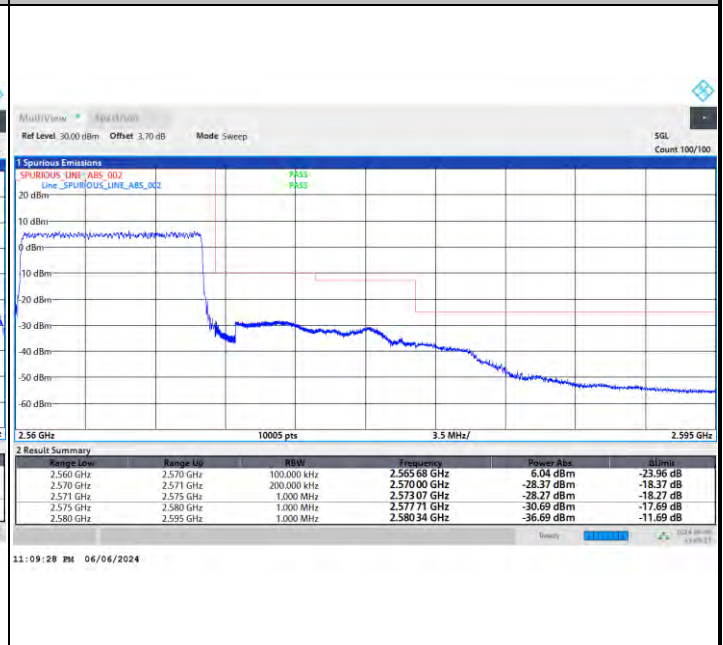


FR1 n7 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

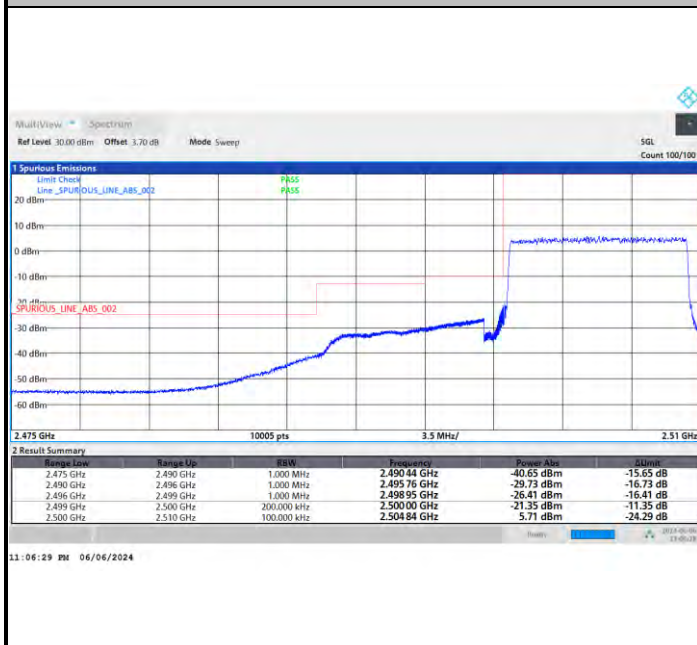


Highest Band Edge / Full RB

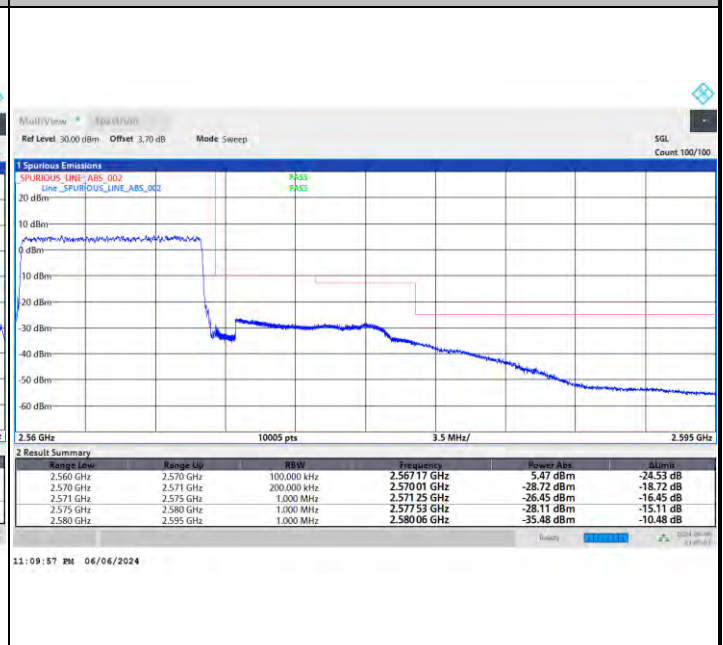


FR1 n7 / 10MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n7 / 10MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB

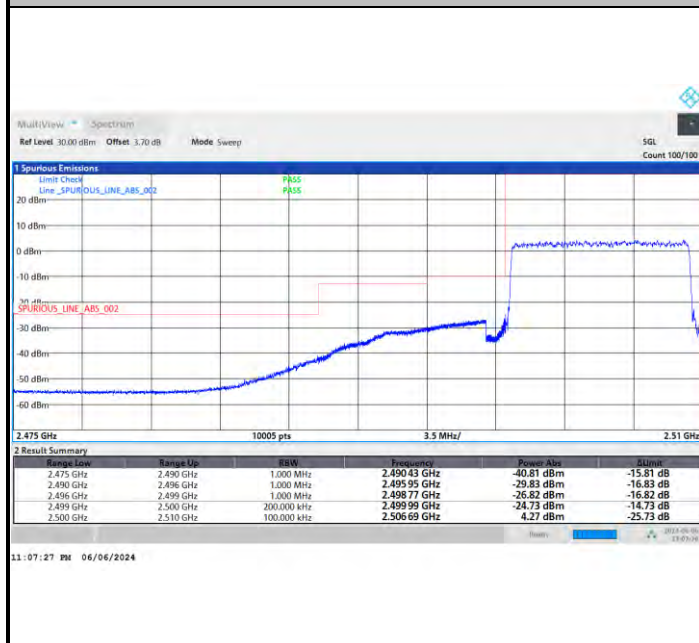


Highest Band Edge / Full RB

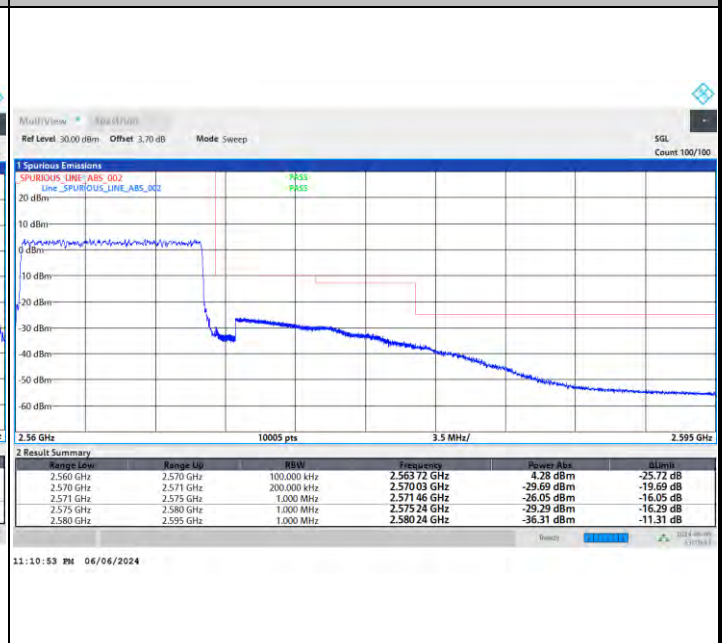


FR1 n7 / 10MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n7 / 10MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



FR1 n7 / 10MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge





FR1 n7 / 15MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

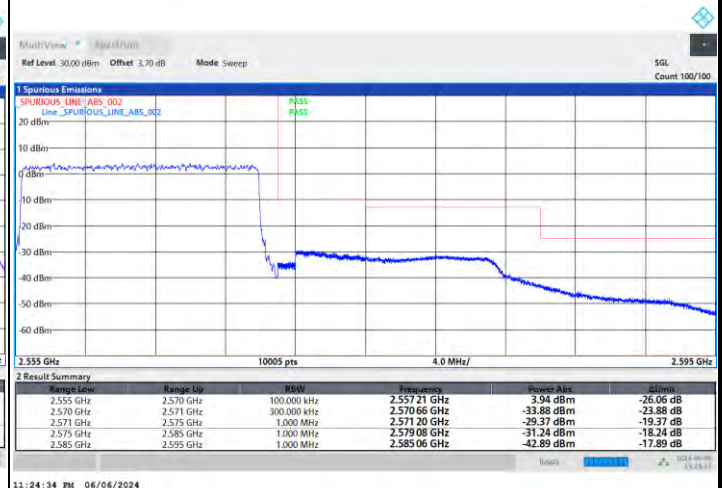


FR1 n7 / 15MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



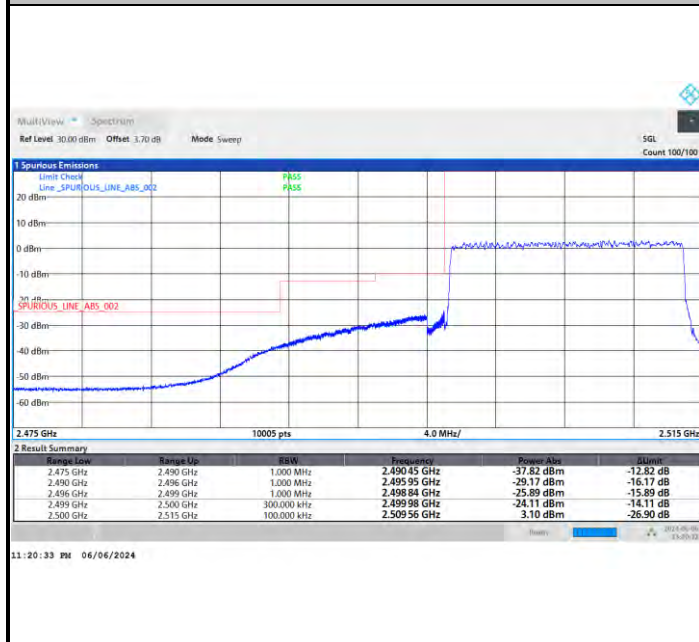
Highest Band Edge / Full RB



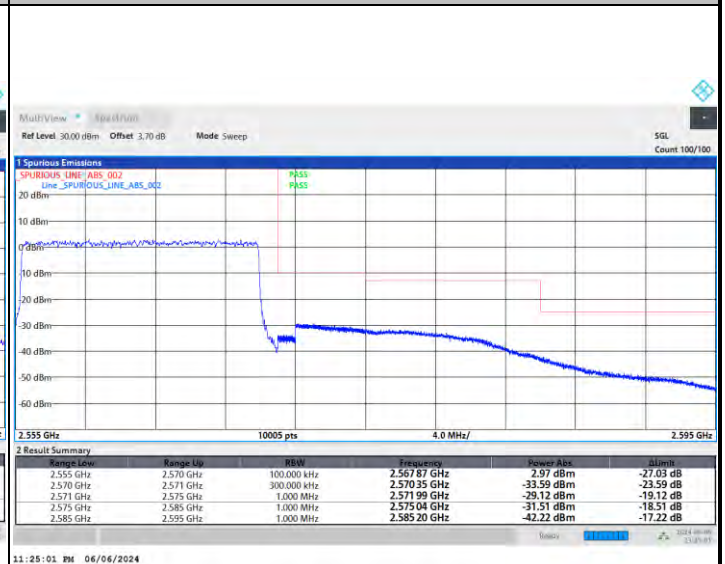


FR1 n7 / 15MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB

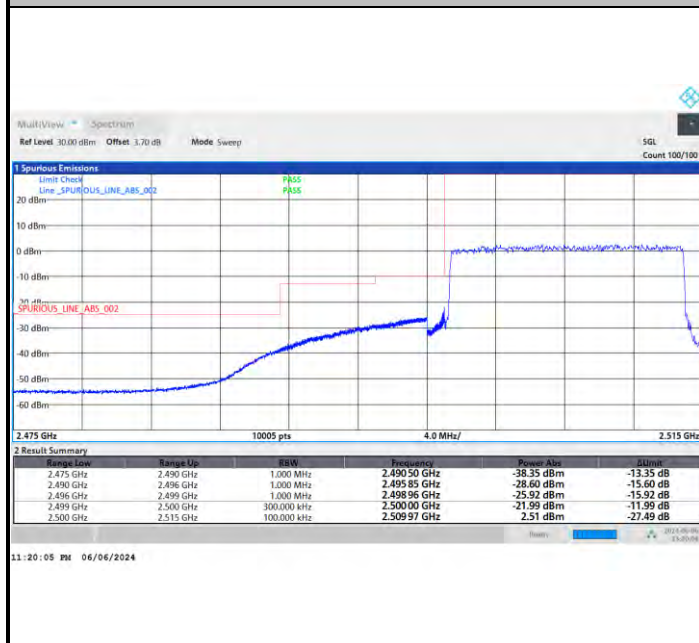


Highest Band Edge / Full RB

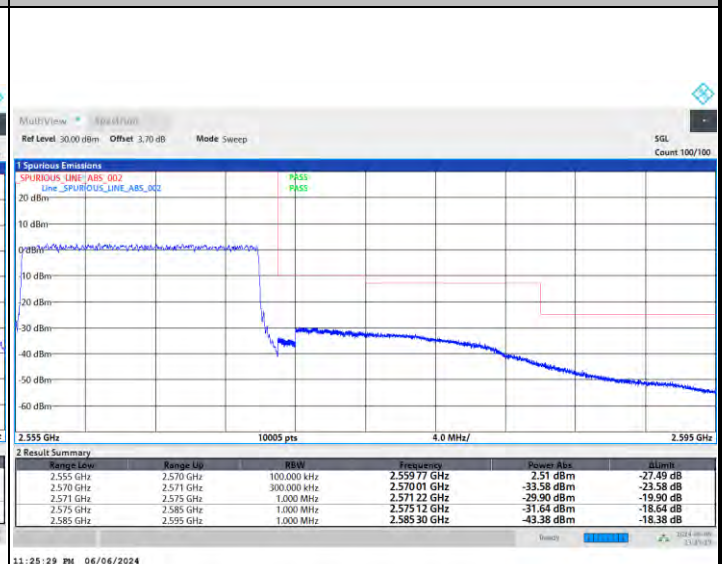


FR1 n7 / 15MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



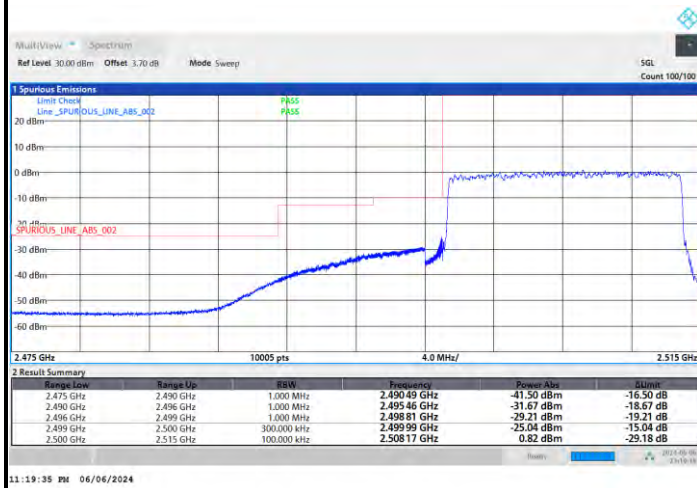
Highest Band Edge / Full RB





FR1 n7 / 15MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

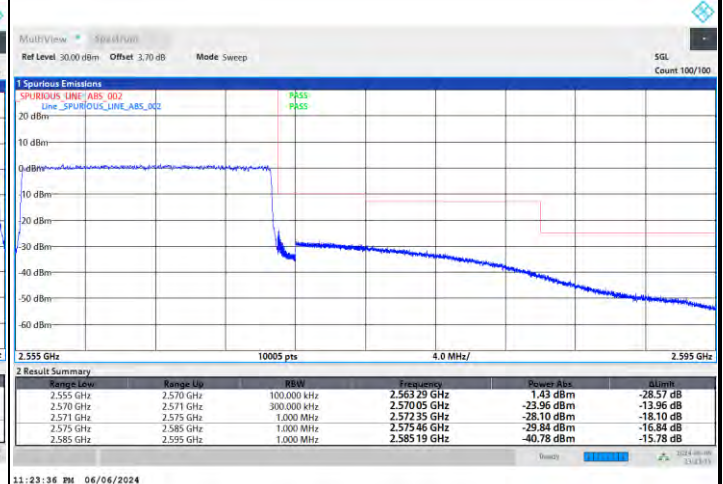


FR1 n7 / 15MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



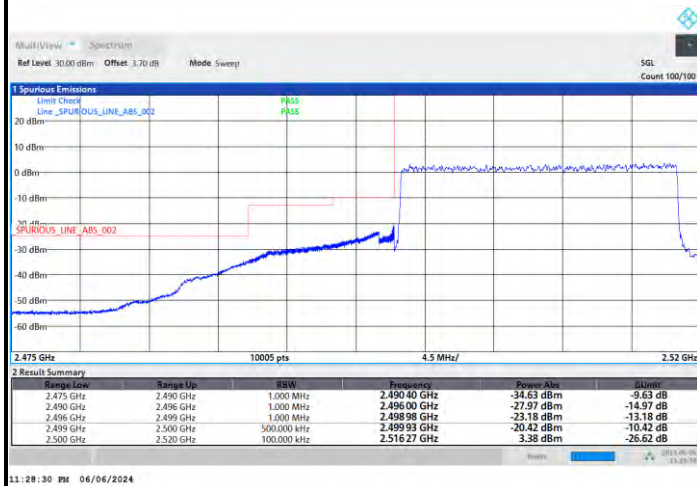
Highest Band Edge





FR1 n7 / 20MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

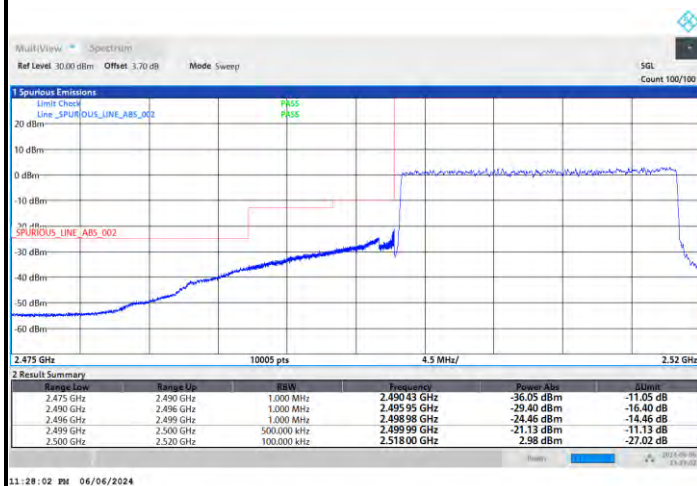


Highest Band Edge / Full RB

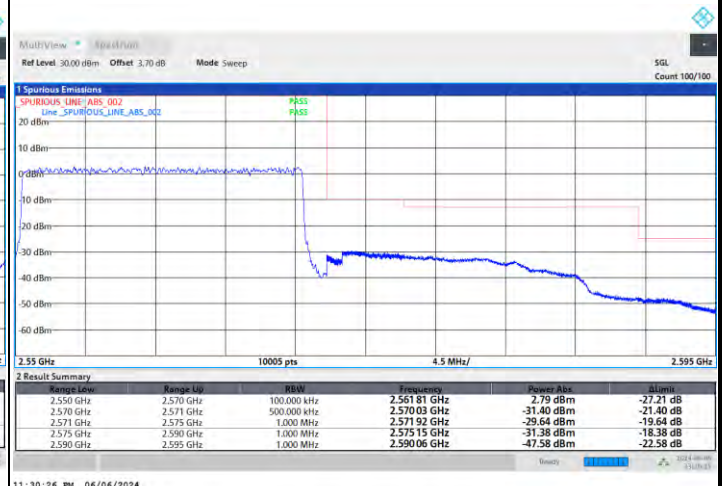


FR1 n7 / 20MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



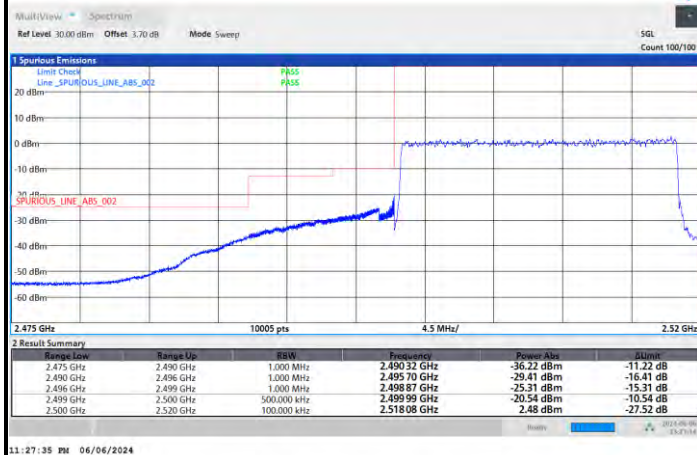
Highest Band Edge / Full RB





FR1 n7 / 20MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB

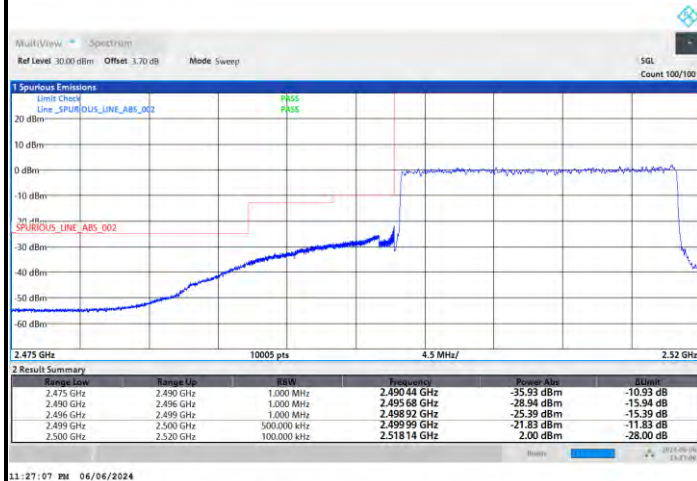


Highest Band Edge / Full RB



FR1 n7 / 20MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



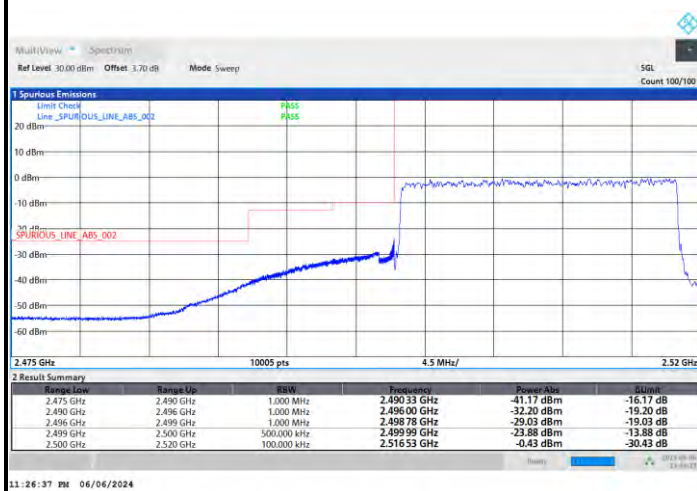
Highest Band Edge / Full RB



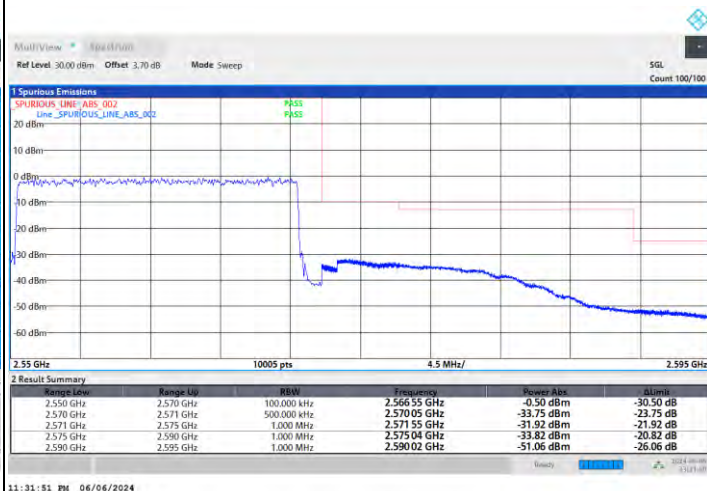


FR1 n7 / 20MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB

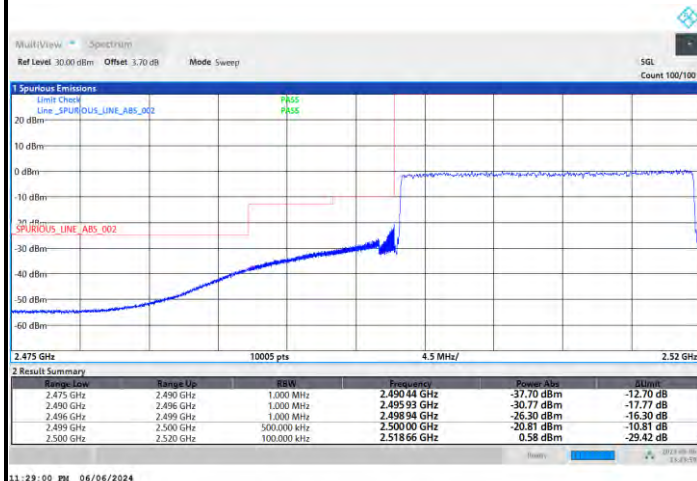


Highest Band Edge / Full RB



FR1 n7 / 20MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



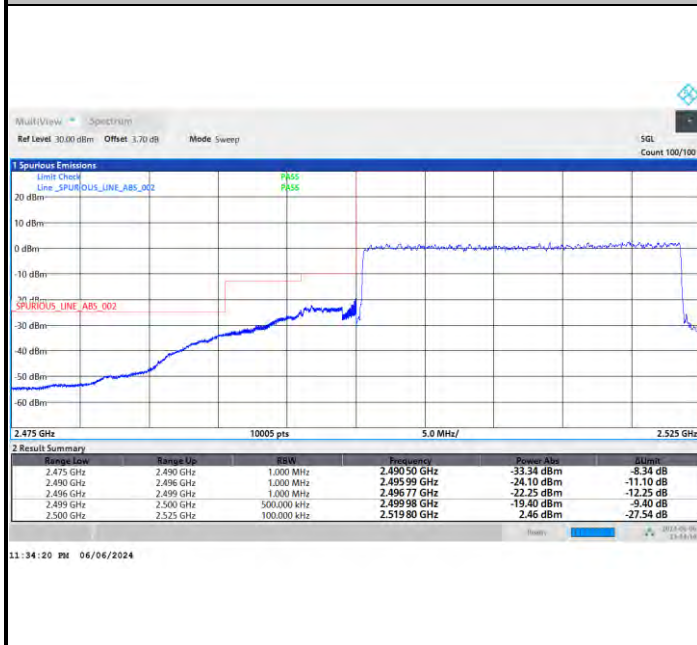
Highest Band Edge



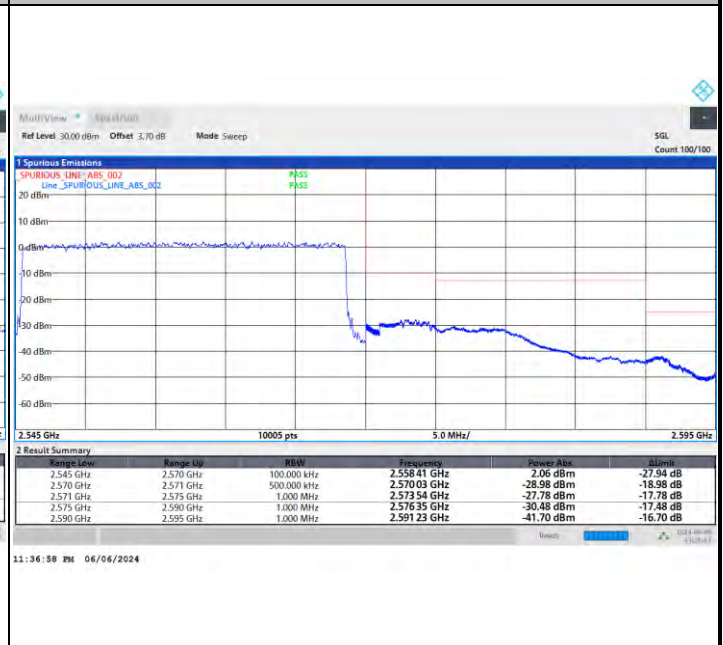


FR1 n7 / 25MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

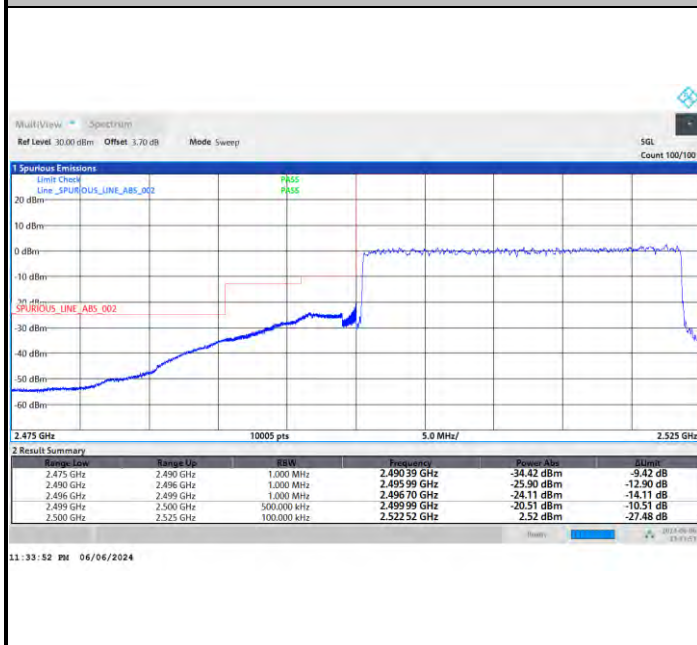


Highest Band Edge / Full RB

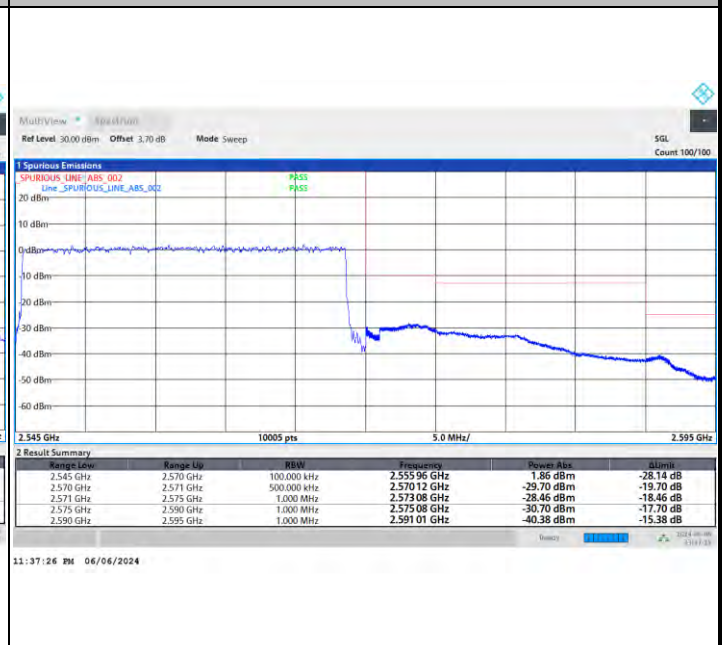


FR1 n7 / 25MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



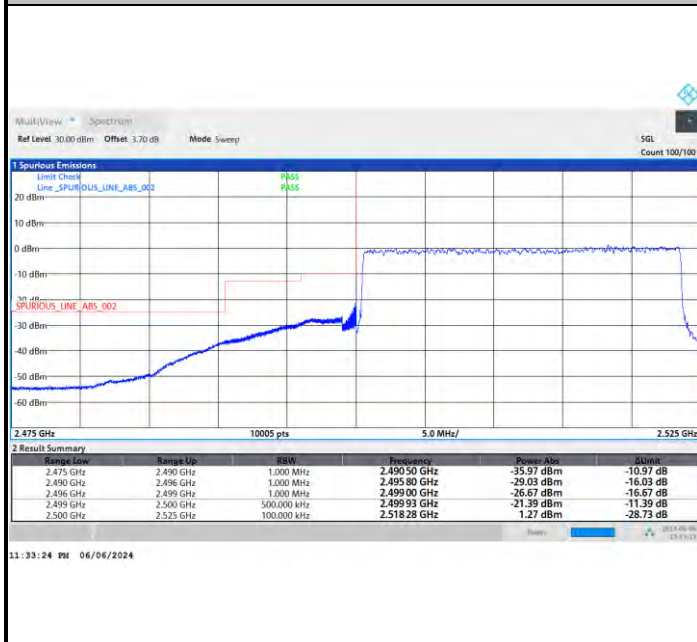
Highest Band Edge / Full RB



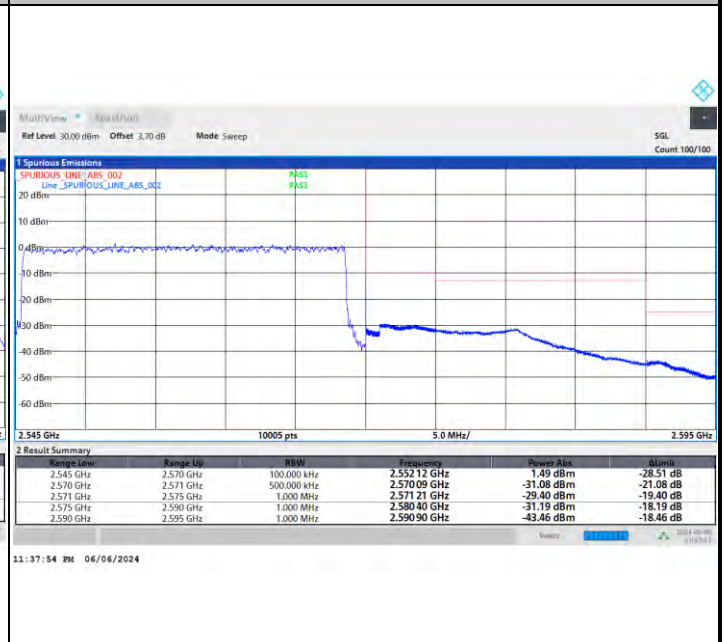


FR1 n7 / 25MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB

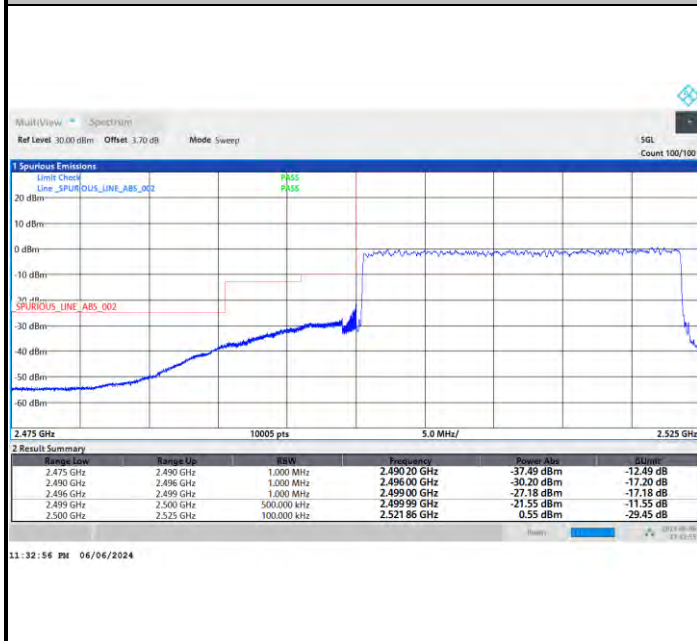


Highest Band Edge / Full RB

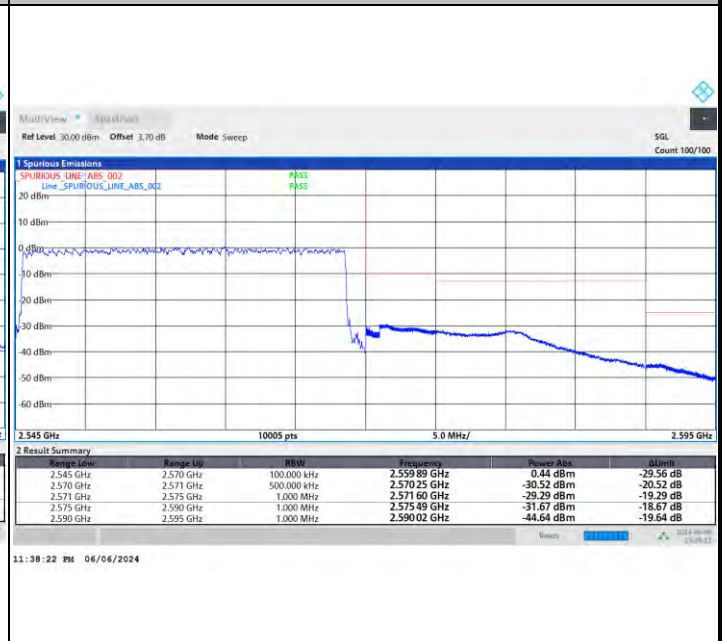


FR1 n7 / 25MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n7 / 25MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB

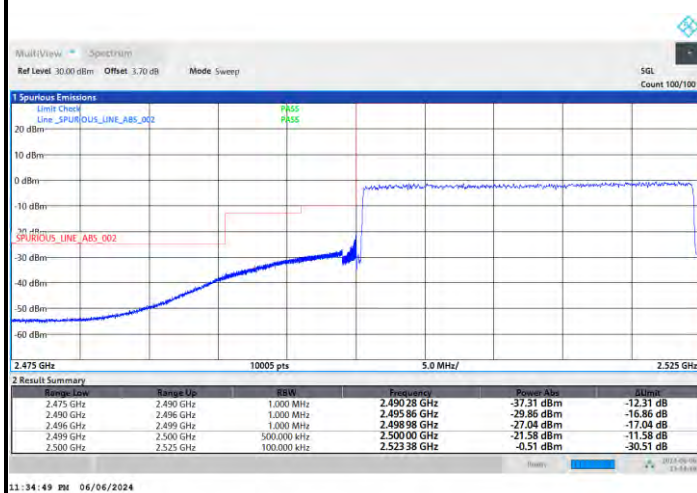


Highest Band Edge / Full RB

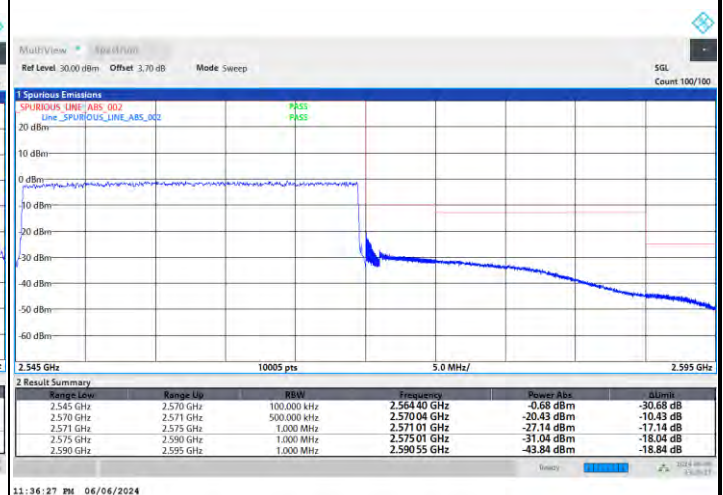


FR1 n7 / 25MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



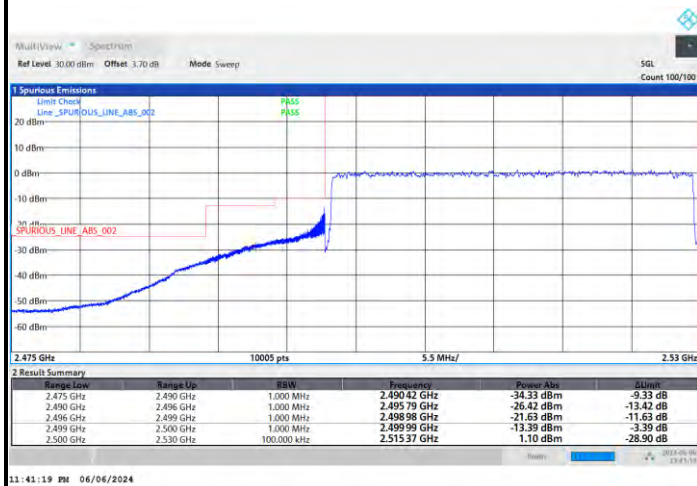
Highest Band Edge



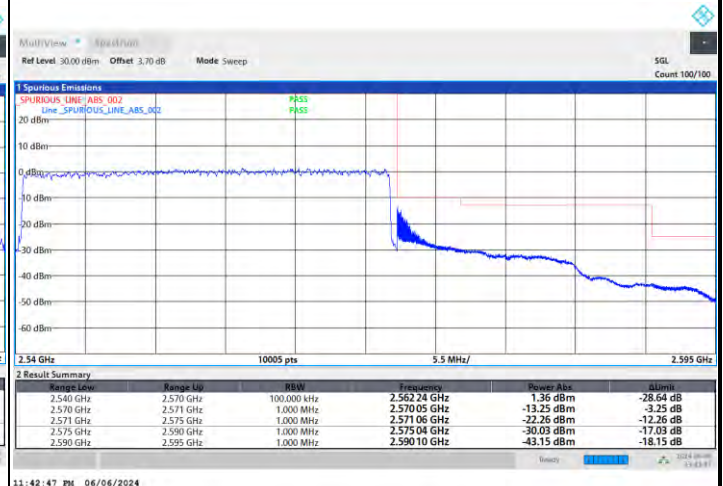


FR1 n7 / 30MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

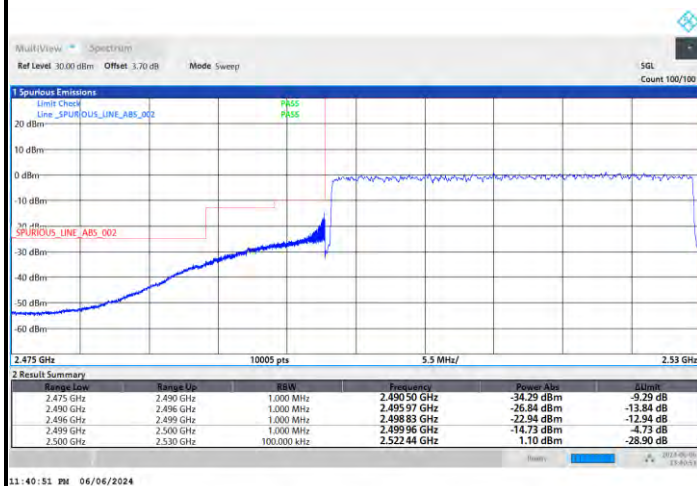


Highest Band Edge / Full RB

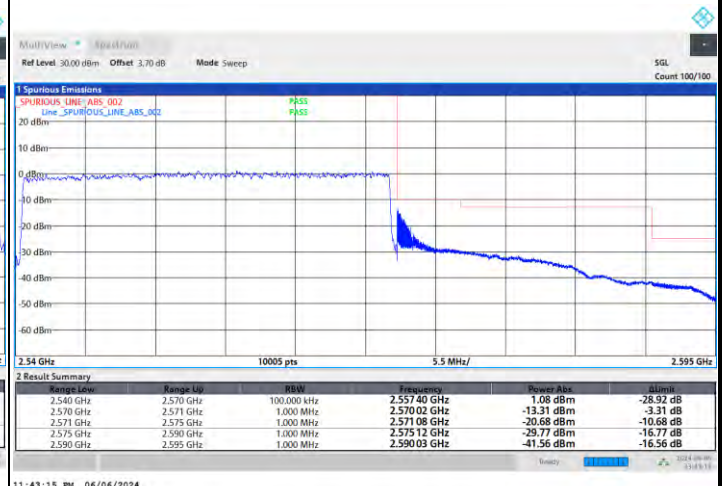


FR1 n7 / 30MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



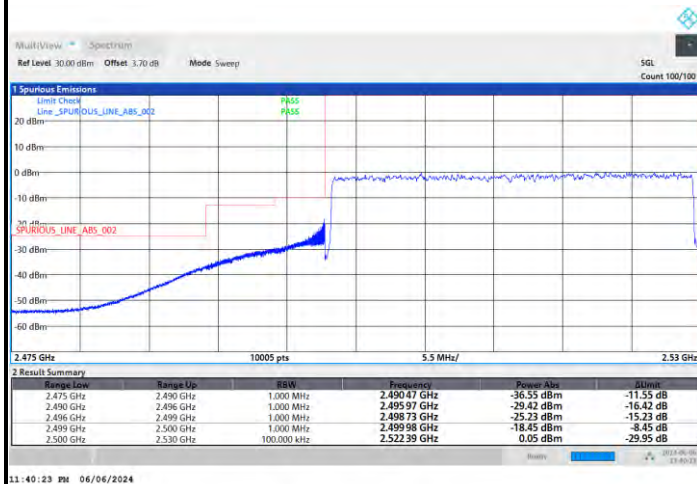
Highest Band Edge / Full RB



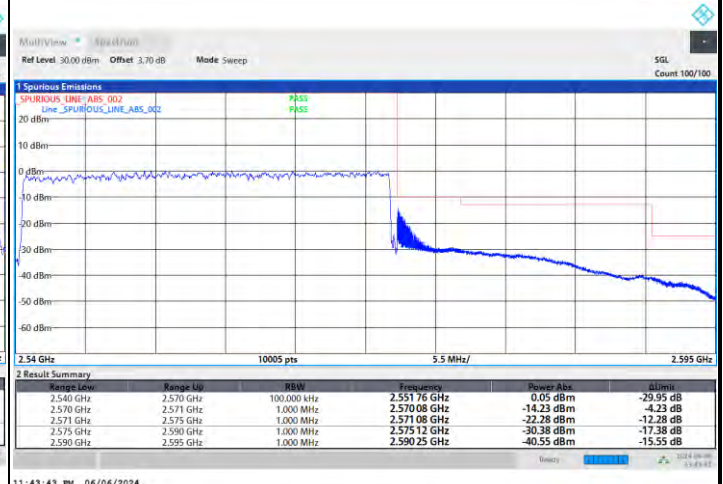


FR1 n7 / 30MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB

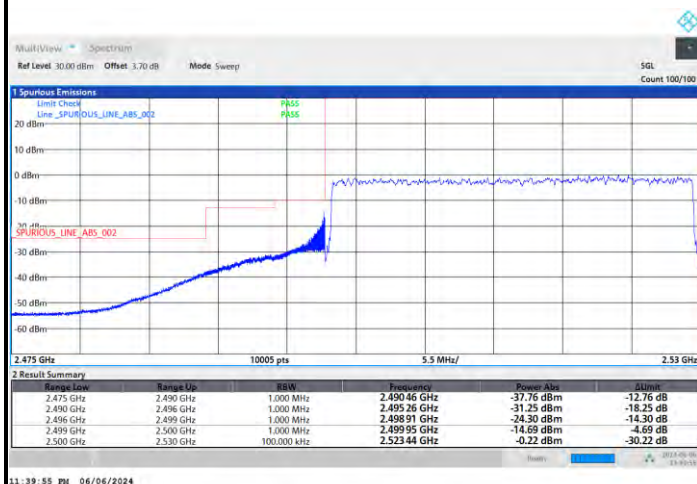


Highest Band Edge / Full RB

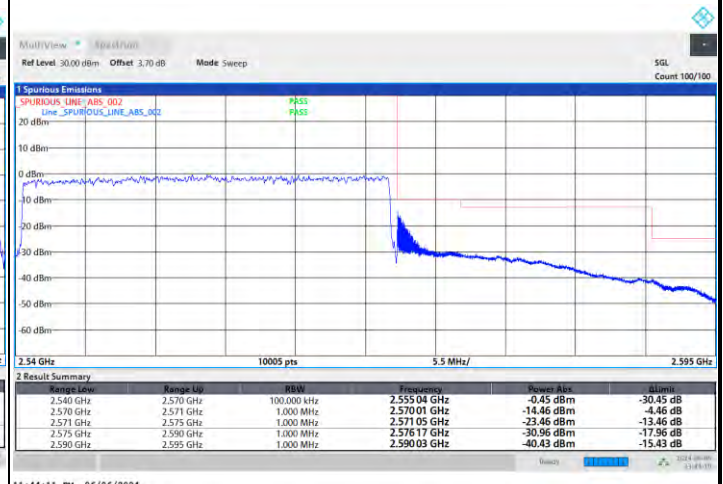


FR1 n7 / 30MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



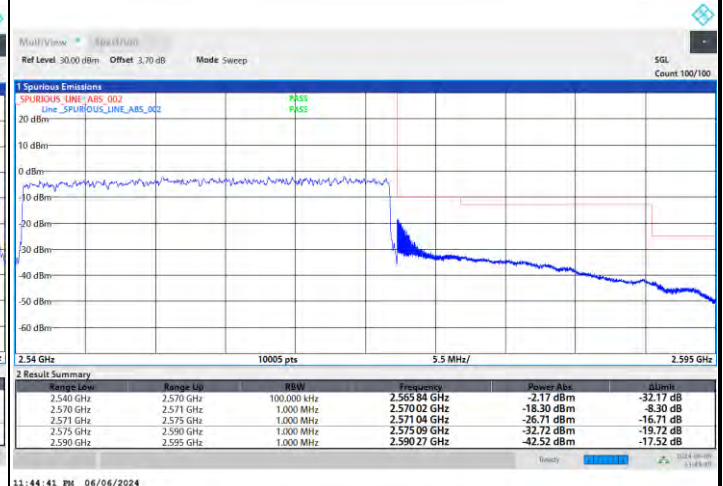


FR1 n7 / 30MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB

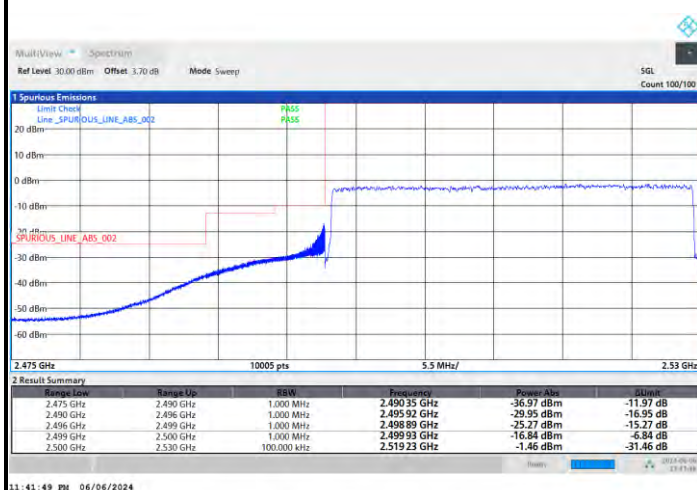


Highest Band Edge / Full RB

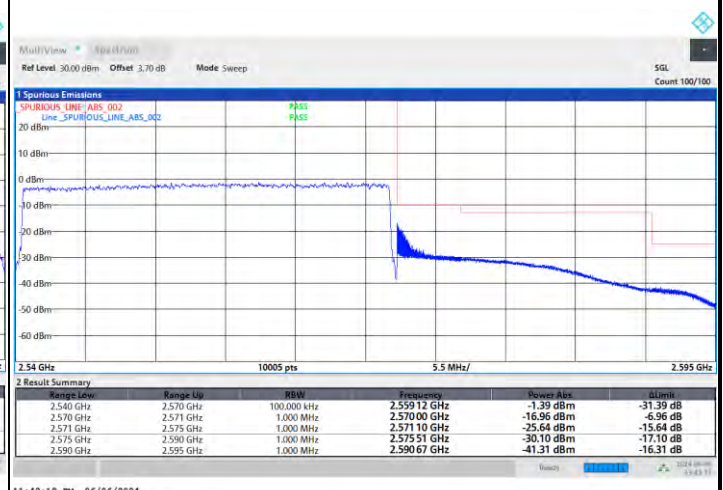


FR1 n7 / 30MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



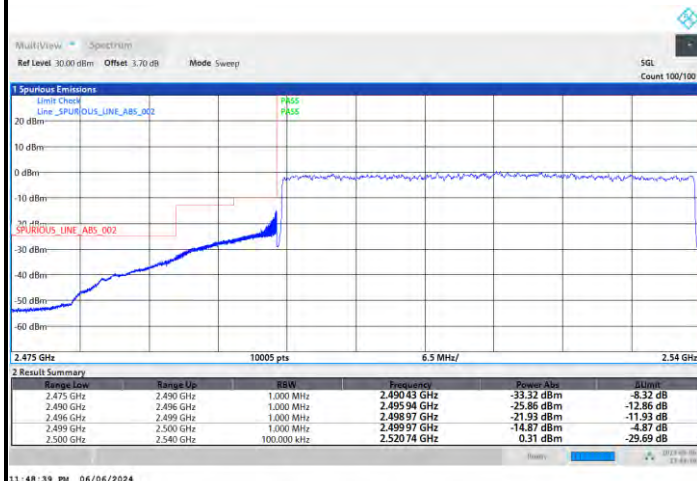
Highest Band Edge



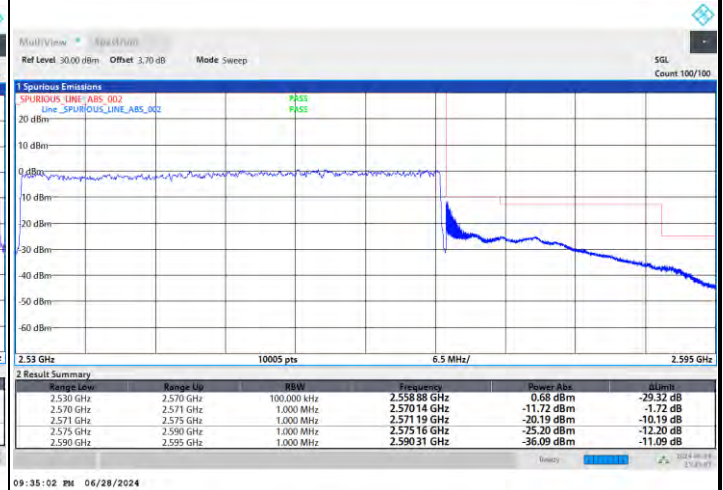


FR1 n7 / 40MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

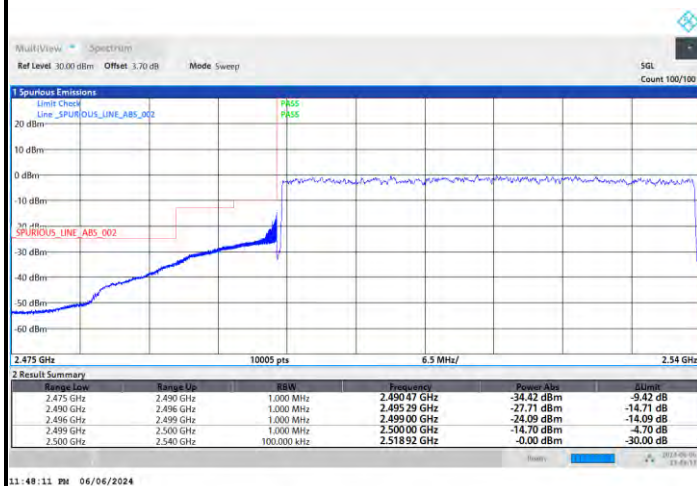


Highest Band Edge / Full RB

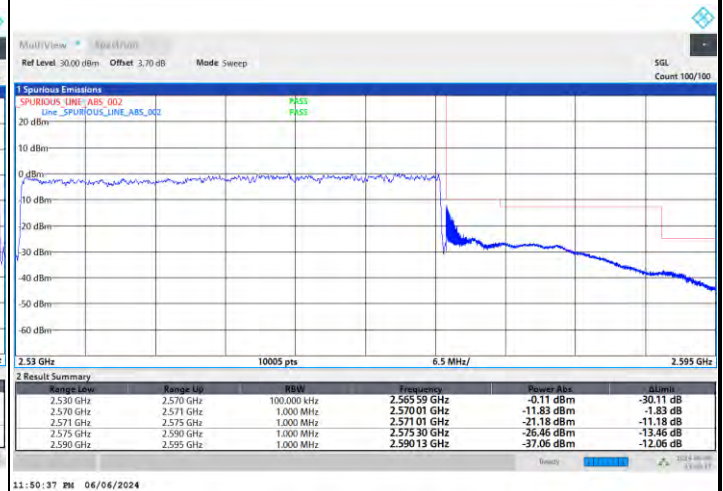


FR1 n7 / 40MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



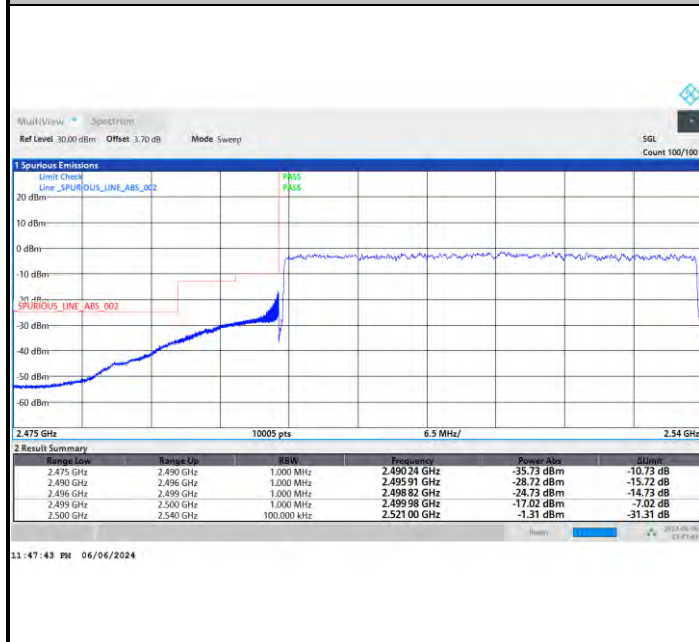
Highest Band Edge / Full RB



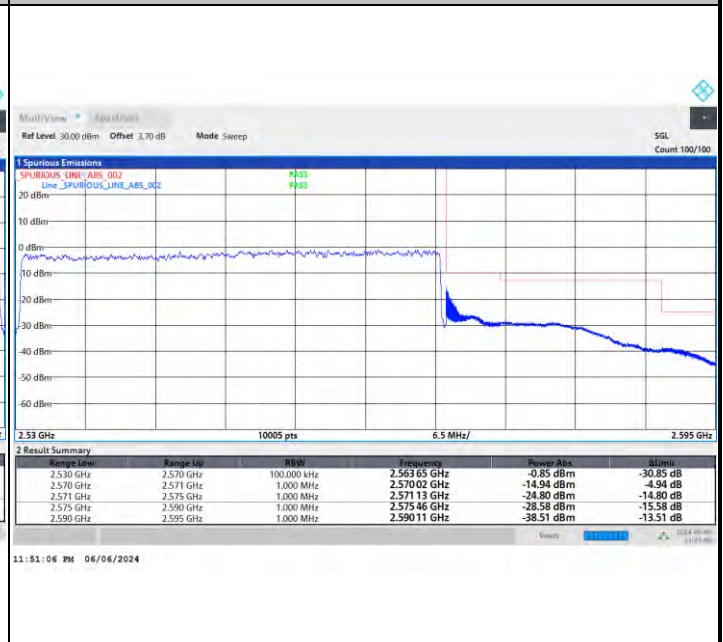


FR1 n7 / 40MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB

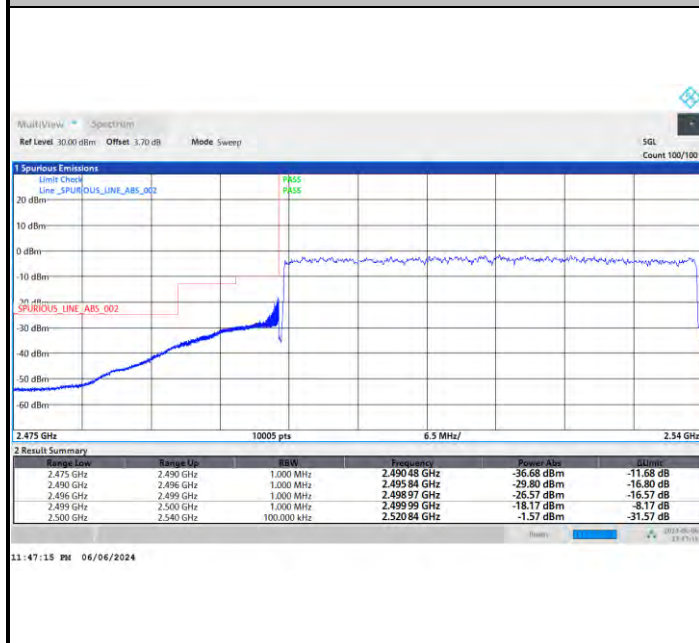


Highest Band Edge / Full RB



FR1 n7 / 40MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

