



FCC RADIO TEST REPORT

FCC ID : A4RG2YBB
Equipment : Phone
Model Name : G2YBB
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC 47 CFR Part 2, 27

The product was received on Jan. 29, 2024 and testing was performed from Feb. 21, 2024 to Apr. 08, 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 given in ANSI / TIA-603-E 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.

Louis Wu

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.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	6
1.1 Product Feature of Equipment Under Test.....	6
1.2 Modification of EUT	7
1.3 Testing Location	8
1.4 Applicable Standards.....	8
2 Test Configuration of Equipment Under Test	9
2.1 Test Mode.....	9
2.2 Connection Diagram of Test System.....	10
2.3 Support Unit used in test configuration and system	11
2.4 Measurement Results Explanation Example.....	11
2.5 Frequency List of Low/Middle/High Channels	12
3 Conducted Test Items.....	17
3.1 Measuring Instruments	17
3.2 Conducted Output Power and EIRP	18
3.3 Peak-to-Average Ratio	20
3.4 Occupied Bandwidth.....	21
3.5 Conducted Band Edge	22
3.6 Conducted Spurious Emission	24
3.7 Frequency Stability	25
4 Radiated Test Items	26
4.1 Measuring Instruments	26
4.2 Radiated Spurious Emission Measurement	28
5 List of Measuring Equipment.....	29
6 Measurement Uncertainty	30
Appendix A. Test Results of Conducted Test	
Appendix B. Test Results of Radiated Test	
Appendix C. Test Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FG3N2327A	01	Initial issue of report	Apr. 19, 2024
FG3N2327A	02	Revise Applicable Standards This report is an updated version, replacing the report issued on Apr. 19, 2024.	Apr. 29, 2024
FG3N2327A	03	Revise antenna gain for 5G NR n77/n78 This report is an updated version, replacing the report issued on Apr. 29, 2024.	May 15, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
	§27.50 (h)(2)	Equivalent Isotropic Radiated Power (n41)	Pass	
	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (n77) (n78)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (n77) (n78)		
3.3	§27.50 (j)(4) §27.50 (k)(4)	Peak-to-Average Ratio	Reporting only	-
3.4	§2.1049	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (n41)	Pass	-
	§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 §27.53 (m)(4)	Conducted Spurious Emission (n41)	Pass	-
	§2.1051 §27.53 (l)(2)	Conducted Spurious Emission (n77) (n78)		
	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (n77) (n78)		
3.7	§2.1055 §27.54	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (n41)	Pass	11.92 dB under the limit at 8014.00 MHz
	§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. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

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

Reviewed by: William Chen

Report Producer: Lucy Wu



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, Thread, Wi-Fi 802.11be, NFC, WPT, NTN and GNSS.
Antenna Type WWAN: <Ant. 0>: IFA Antenna <Ant. 1>: IFA Antenna <Ant. 2>: IFA Antenna <Ant. 5>: IFA Antenna <Ant. 6>: ILA Antenna <Ant. 7>: ILA Antenna

EUT Information List	
S/N	Performed Test Item
41121FDAQ0000L 41121FDAQ00011	Conducted Measurement EIRP
41061FDAQ0001A	Radiated Spurious Emission

Support band and evaluated information	
Supported band	n41, n77, n78
Evaluated and Tested band	n41, n77, n78
Band covered information	RSE frequency band range covers another band when the power is worse as follows: ■ n77 cover n78 (Part 27)

Antenna information						
Band	Ant0	Ant1	Ant2	Ant5	Main Ant. #	Sub Ant. #
n41	-0.2		1.0		2	0
MIMO Sub n41		-3.0		-3.8	1	5
Antenna information						
Band	Ant1	Ant5	Ant6	Ant7	Main Ant. #	Sub Ant. #
n77			3.0	-1.7	6	7
MIMO Sub n77	-3.9	-5.5			1	5
n78			3.0	-3.3	6	7
MIMO Sub n78	-5.5	-4.4			1	5

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 main antenna pair Ant 2+1 for n41 band and pair Ant 6+1 for n77/n78 band 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	Sherry Wu and Luffy Lin
Temperature (°C)	20~24
Relative Humidity (%)	43~58

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
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 27
- ♦ 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 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

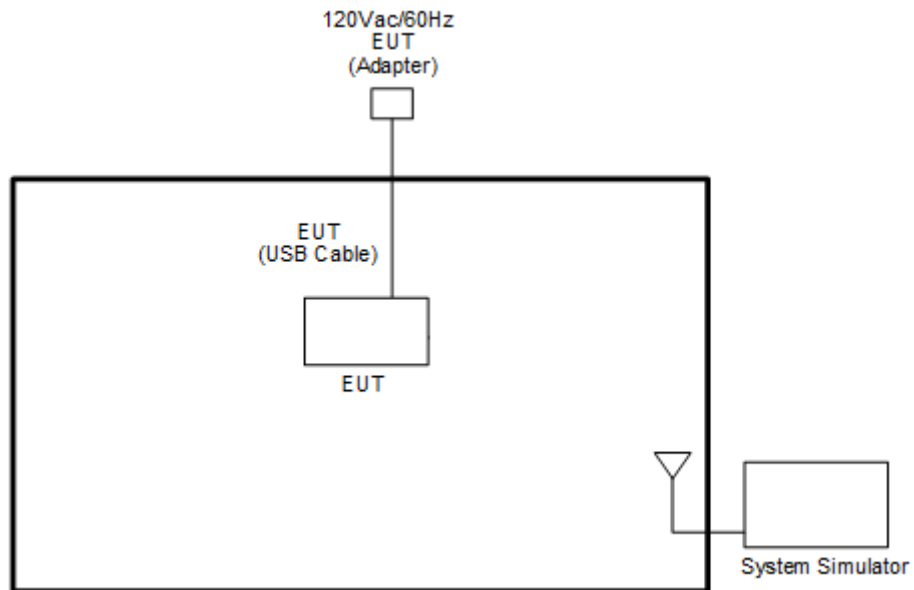
Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, F, G, H, I	All	1, Half, Full	L, M, H
EIRP	A, B, C, F, G, H, I	All	1, Half, Full	L, M, H
PAR	F, G, H, I	20 MHz or less	Outer_Full	M
Bandwidth	F, G, H, I	All	Outer_Full	M
CBE	A, B, C, F, G, H, I	10MHz	Outer_1RB	L, H
		All	Outer_Full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

Remark:

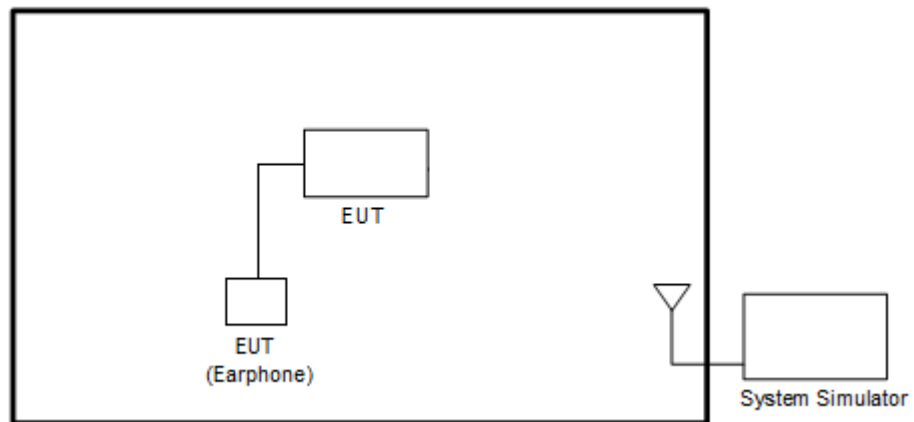
1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. During the RSE preliminary test, the standalone mode and charging modes (Adapter mode and WPT mode) were verified. It is determined that the adapter mode is the worst case for the official test.
4. All the radiated test cases were performed with Adapter 1 and USB Cable 2.

2.2 Connection Diagram of Test System

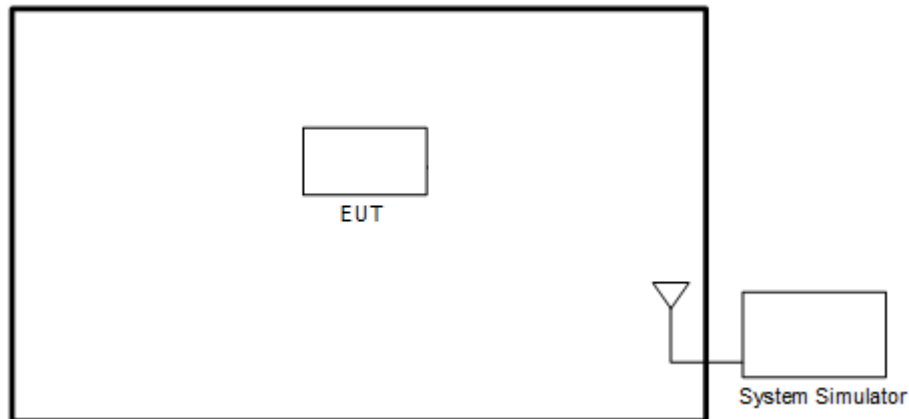
<EUT with Adapter>



<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	MT8821C	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 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 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
25	Channel	501702	518598	535500
	Frequency	2508.51	2592.99	2677.5
20	Channel	501204	518598	535998
	Frequency	2506.02	2592.99	2679.99
15	Channel	500700	518598	536496
	Frequency	2503.5	2592.99	2682.48
10	Channel	500202	518598	537000
	Frequency	2501.01	2592.99	2685.00



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 (Part27O) 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

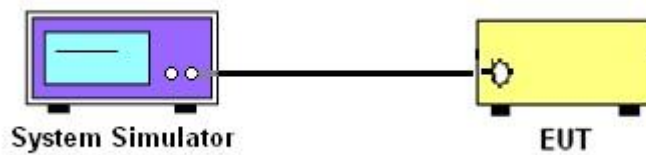
3 Conducted Test Items

3.1 Measuring Instruments

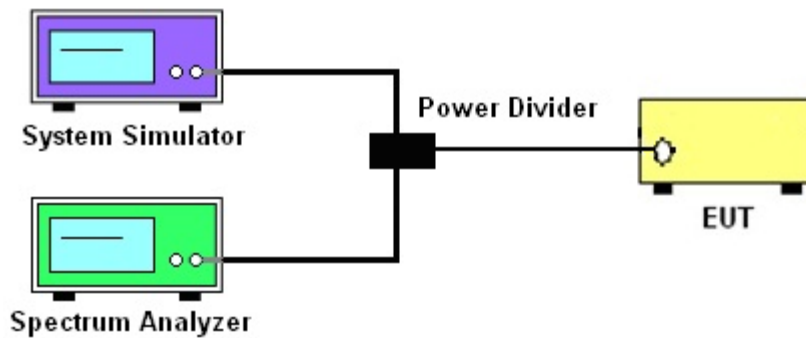
See list of measuring instruments of this test report.

3.1.1 Test Setup

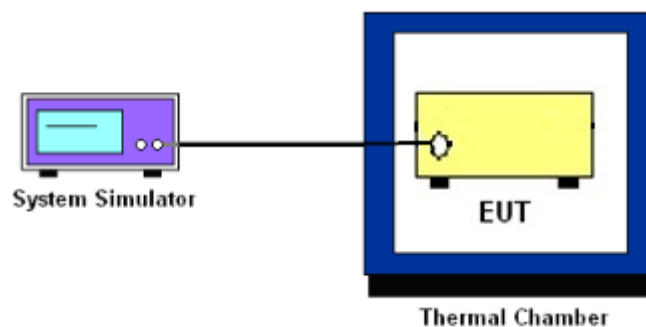
3.1.2 Conducted Output Power



3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge 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 EIRP

3.2.1 Description of the Conducted Output Power Measurement and 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 EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n41

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

Remark:

- For MIMO mode, the directional gain calculation is following F)2)d) of KDB 662911 D01 v02r01.

d) *Unequal antenna gains, with equal transmit powers.* For antenna gains given by $G_1, G_2, \dots, G_N$ dBi

- If transmit signals are *correlated*, then

Directional gain = $10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$ dBi [Note the "20"s in the denominator of each exponent and the square of the sum of terms; the object is to combine the signal levels coherently.]

- If all transmit signals are *completely uncorrelated*, then

Directional gain = $10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{ANT}]$ dBi

			TxD Mode	MIMO Mode
			Correlated	Uncorrelated
5G NR	Ant 2	Ant 1	NSS = 1	NSS = 2
n41	(dBi)	(dBi)	(dBi)	(dBi)
Ant. 2 + 1	1.00	-3.00	2.24	-0.55

			TxD Mode	MIMO Mode
			Correlated	Uncorrelated
5G NR	Ant 6	Ant 1	NSS = 1	NSS = 2
n77	(dBi)	(dBi)	(dBi)	(dBi)
Ant. 6 + 1	3.00	-3.90	3.23	0.80

			TxD Mode	MIMO Mode
			Correlated	Uncorrelated
5G NR	Ant 6	Ant 1	NSS = 1	NSS = 2
n78	(dBi)	(dBi)	(dBi)	(dBi)
Ant. 6 + 1	3.00	-5.50	2.77	0.57

Directional gain for Ant. 2+1 correlated of TxD mode derived from formula which is

$$10 \times \log \{ \{ [10^{\wedge} (1.00 \text{ dBi} / 20) + 10^{\wedge} (-3.00 \text{ dBi} / 20)]^{\wedge} 2 \} / 2 \}$$

$$= 2.24 \text{ dBi}$$

Directional gain for Ant. 2+1 uncorrelated of MIMO mode derived from formula which is

$$10 \times \log \{ [10^{\wedge} (-1.00 \text{ dBi} / 10) + 10^{\wedge} (-3.00 \text{ dBi} / 10)] / 2 \}$$

$$= -0.55 \text{ dBi}$$

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

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)

(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 n41

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

8. For MIMO mode, add additional MIMO factor $10\log(\text{NTX}=2) = 3.01$ dB into the spectrum analyzer offset.

3.6 Conducted Spurious Emission

3.6.1 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 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.

3.6.2 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.
8. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For 5G NR n41

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

9. For MIMO mode, add additional MIMO factor $10\log(NTX=2) = 3.01$ dB into the spectrum analyzer offset.



3.7 Frequency Stability

3.7.1 Description of Frequency Stability Measurement

27.54

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

3.7.2 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.

3.7.3 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±5° 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.

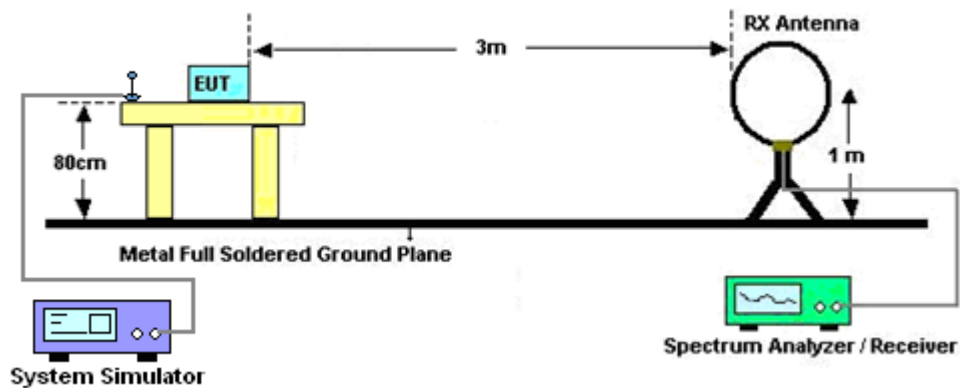
4 Radiated Test Items

4.1 Measuring Instruments

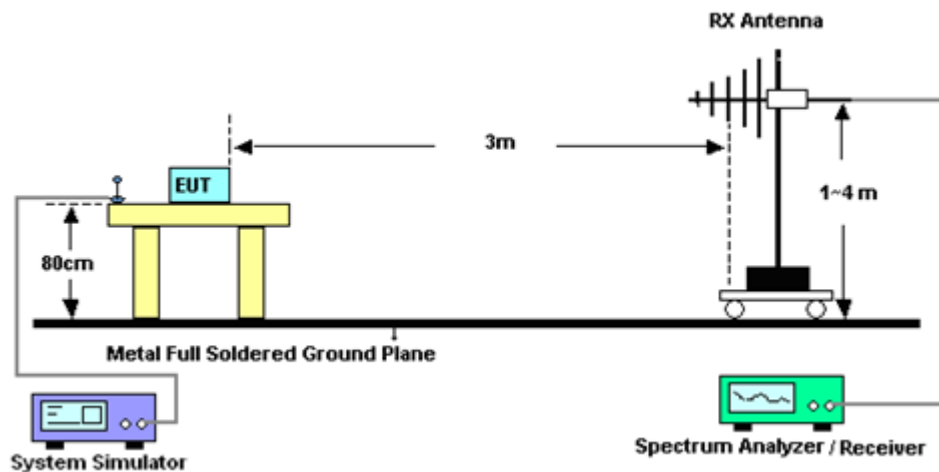
See list of measuring instruments of this test report.

4.1.1 Test Setup

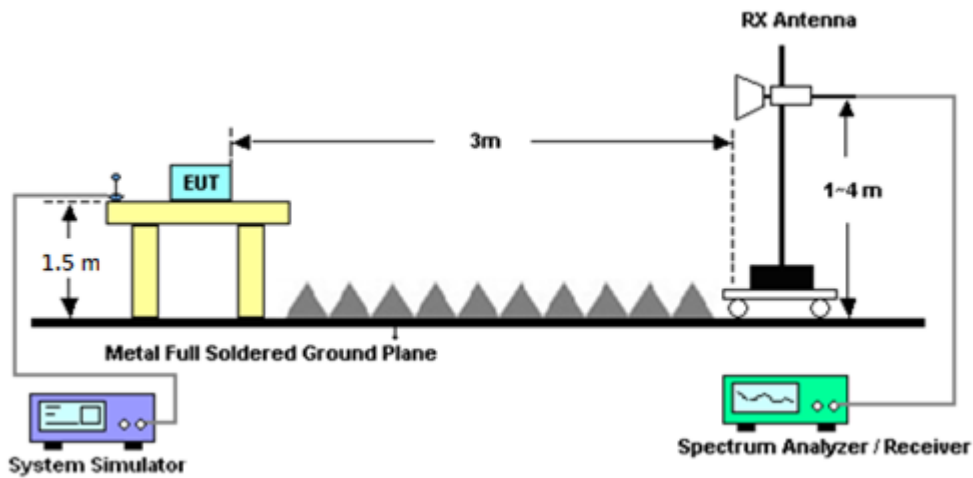
For radiated test below 30MHz



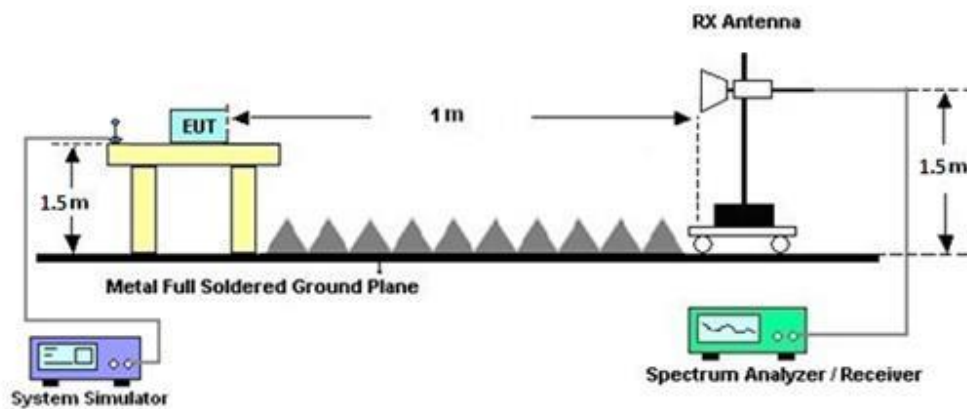
For radiated test from 30MHz to 1GHz



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 / TIA-603-E. 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 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.

For 5G NR n41

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



5 List of Measuring Equipment

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	Feb. 21, 2024~ Apr. 08, 2024	Nov. 15, 2024	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	May 03, 2023	Feb. 21, 2024~ Apr. 08, 2024	May 02, 2024	Conducted (TH03-HY)
Temperature Chamber	ESPEC	SH-241	92003713	-30℃ ~90℃	May 17, 2023	Feb. 21, 2024~ Apr. 08, 2024	May 16, 2024	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8821C	6262116730	LTE	Jul. 10, 2023	Feb. 21, 2024~ Apr. 08, 2024	Jul. 09, 2024	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6262134933	FR1	Jul. 10, 2023	Feb. 21, 2024~ Apr. 08, 2024	Jul. 09, 2024	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSW43	101456	RBW 50MHz	Feb. 19, 2024	Feb. 21, 2024~ Apr. 08, 2024	Feb. 18, 2025	Conducted (TH03-HY)
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Mar. 09, 2024~ Mar. 15, 2024	Sep. 11, 2024	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Oct. 15, 2023	Mar. 09, 2024~ Mar. 15, 2024	Oct. 14, 2024	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Jul. 12, 2023	Mar. 09, 2024~ Mar. 15, 2024	Jul. 11, 2024	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 10, 2023	Mar. 09, 2024~ Mar. 15, 2024	Jul. 09, 2024	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 15, 2023	Mar. 09, 2024~ Mar. 15, 2024	Jul. 14, 2024	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 28, 2023	Mar. 09, 2024~ Mar. 15, 2024	Sep. 27, 2024	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 30, 2023	Mar. 09, 2024~ Mar. 15, 2024	Aug. 29, 2024	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Aug. 28, 2023	Mar. 09, 2024~ Mar. 15, 2024	Aug. 27, 2024	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 06, 2024	Mar. 09, 2024~ Mar. 15, 2024	Mar. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,804612/2,804614/2	30MHz~40GHz	Oct. 24, 2023	Mar. 09, 2024~ Mar. 15, 2024	Oct. 23, 2024	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 30, 2023	Mar. 09, 2024~ Mar. 15, 2024	Oct. 29, 2024	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Mar. 09, 2024~ Mar. 15, 2024	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Mar. 09, 2024~ Mar. 15, 2024	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Mar. 09, 2024~ Mar. 15, 2024	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Mar. 09, 2024~ Mar. 15, 2024	N/A	Radiation (03CH21-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
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.33 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.68 dB
---	---------



Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power and EIRP)

<MIMO Mode>

NR n41 PC1.5 Maximum Average Power [dBm], DG = -0.55 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	23.36	23.41	23.28	22.92	22.85	22.68	26.16	26.15	26.00	25.74	0.3750
10	1	22		23.51	23.39	23.29	23.03	22.87	22.60	26.29	26.15	25.97		
10	12	6		23.38	23.42	23.27	23.05	22.88	22.67	26.23	26.17	25.99		
10	1	0		20.03	19.99	19.80	19.51	19.39	19.13	22.79	22.71	22.49		
10	1	23		20.03	19.81	19.79	19.52	19.21	19.07	22.79	22.53	22.46		
10	24	0		21.88	21.91	21.79	21.51	21.42	21.15	24.71	24.68	24.49		
10	1	1	16-QAM	23.53	23.44	23.17	23.09	22.78	22.85	26.33	26.13	26.02	25.78	0.3784
10	1	1	64-QAM	21.90	21.93	21.79	21.53	21.68	21.16	24.73	24.82	24.50		
10	1	1	256-QAM	17.78	17.73	17.84	17.70	17.68	16.97	20.75	20.72	20.44		
Limit	EIRP < 2W			Result									Pass	

NR n41 PC1.5 Maximum Average Power [dBm], DG = -0.55 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	23.53	23.48	23.42	23.21	22.88	22.84	26.38	26.20	26.15	25.83	0.3828
15	1	36		23.50	23.32	23.36	22.94	22.82	22.95	26.24	26.09	26.17		
15	19	9		23.51	23.35	23.44	23.02	22.81	22.83	26.28	26.10	26.16		
15	1	0		20.11	19.94	19.91	19.54	19.34	19.37	22.84	22.66	22.66		
15	1	37		19.99	19.84	19.85	19.44	19.16	19.27	22.73	22.52	22.58		
15	38	0		21.97	21.74	21.90	21.55	21.20	21.35	24.78	24.49	24.64		
15	1	1	16-QAM	23.64	23.53	23.80	22.87	22.70	23.73	26.28	26.15	26.78	26.23	0.4198
15	1	1	64-QAM	21.91	21.68	21.84	21.66	21.52	21.43	24.80	24.61	24.65		
15	1	1	256-QAM	17.72	17.86	17.84	17.48	17.51	17.25	20.61	20.70	20.57		
Limit	EIRP < 2W			Result									Pass	

NR n41 PC1.5 Maximum Average Power [dBm], DG = -0.55 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	23.34	23.46	23.34	22.81	22.91	22.77	26.09	26.20	26.07	25.65	0.3673
20	1	49		23.42	23.42	23.34	22.72	22.84	22.71	26.09	26.15	26.05		
20	25	12		23.30	23.38	23.34	22.85	22.91	22.80	26.09	26.16	26.09		
20	1	0		19.85	19.90	19.79	19.41	19.41	19.22	22.65	22.67	22.52		
20	1	50		19.91	19.81	19.80	19.30	19.31	19.19	22.63	22.58	22.52		
20	51	0		21.85	21.84	21.84	21.35	21.36	21.28	24.62	24.62	24.58		
20	1	1	16-QAM	23.26	23.60	23.60	23.13	22.98	22.95	26.21	26.31	26.30	25.76	0.3767
20	1	1	64-QAM	21.67	21.96	21.78	21.39	21.45	21.47	24.54	24.72	24.64		
20	1	1	256-QAM	18.17	17.72	17.99	17.34	17.53	17.20	20.79	20.64	20.62		
Limit	EIRP < 2W			Result									Pass	



NR n41 PC1.5 Maximum Average Power [dBm], DG = -0.55 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	23.31	23.53	23.26	22.93	22.98	22.67	26.13	26.27	25.99	25.72	0.3733
25	1	63		23.41	23.48	23.31	22.80	22.88	22.66	26.13	26.20	26.01		
25	33	16		23.39	23.39	23.31	22.94	22.89	22.77	26.18	26.16	26.06		
25	1	0		19.82	20.01	19.79	19.43	19.44	19.16	22.64	22.74	22.50		
25	1	64		19.95	19.97	19.77	19.33	19.36	19.12	22.66	22.69	22.47		
25	65	0		21.89	21.89	21.78	21.43	21.42	21.23	24.68	24.67	24.52		
25	1	1	16-QAM	23.43	23.46	23.42	22.96	22.97	22.67	26.21	26.23	26.07	25.68	0.3698
25	1	1	64-QAM	21.82	21.89	21.68	21.63	21.39	21.25	24.74	24.66	24.48		
25	1	1	256-QAM	17.94	17.84	17.68	17.46	17.64	17.33	20.72	20.75	20.52		
Limit	EIRP < 2W			Result									Pass	

NR n41 PC1.5 Maximum Average Power [dBm], DG = -0.55 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	23.40	23.46	23.41	23.00	22.96	22.93	26.21	26.23	26.19	25.70	0.3715
30	1	76		23.50	23.48	23.47	22.96	22.85	22.90	26.25	26.19	26.20		
30	39	19		23.46	23.43	23.43	23.01	22.93	22.94	26.25	26.20	26.20		
30	1	0		19.94	19.94	19.85	19.57	19.47	19.35	22.77	22.72	22.62		
30	1	77		19.98	19.94	19.92	19.42	19.38	19.30	22.72	22.68	22.63		
30	78	0		21.95	21.92	21.88	21.50	21.42	21.43	24.74	24.69	24.67		
30	1	1	16-QAM	23.34	23.40	23.43	23.00	22.84	22.83	26.18	26.14	26.15	25.63	0.3656
30	1	1	64-QAM	22.08	22.04	21.95	21.47	21.72	21.48	24.80	24.89	24.73		
30	1	1	256-QAM	18.04	17.95	17.64	17.72	17.34	17.46	20.89	20.67	20.56		
Limit	EIRP < 2W			Result									Pass	

NR n41 PC1.5 Maximum Average Power [dBm], DG = -0.55 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	23.34	23.60	23.35	22.94	23.14	22.76	26.15	26.39	26.08	25.84	0.3837
40	1	76		23.39	23.37	23.45	22.91	23.01	22.90	26.17	26.20	26.19		
40	39	19		23.36	23.41	23.36	22.91	22.96	22.82	26.15	26.20	26.11		
40	1	0		19.92	20.02	19.81	19.36	19.51	19.20	22.66	22.78	22.53		
40	1	77		19.96	19.93	19.86	19.44	19.41	19.31	22.72	22.69	22.60		
40	78	0		21.84	21.94	21.85	21.34	21.42	21.29	24.61	24.70	24.59		
40	1	1	16-QAM	23.39	23.51	23.44	22.98	23.12	22.87	26.20	26.33	26.17	25.78	0.3784
40	1	1	64-QAM	22.12	21.91	22.08	21.50	21.85	21.28	24.83	24.89	24.71		
40	1	1	256-QAM	17.97	18.24	17.80	17.49	17.44	17.27	20.75	20.87	20.55		
Limit	EIRP < 2W			Result									Pass	



NR n41 PC1.5 Maximum Average Power [dBm], DG = -0.55 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	23.47	23.59	23.49	23.22	23.00	22.87	26.36	26.32	26.20	25.84	0.3837
50	1	131		23.58	23.69	23.43	23.16	22.91	22.93	26.39	26.33	26.20		
50	67	33		23.49	23.39	23.46	22.94	22.93	22.90	26.23	26.18	26.20		
50	1	0		20.09	20.29	19.97	19.76	19.50	19.32	22.94	22.92	22.67		
50	1	132		19.99	19.98	19.88	19.38	19.30	19.10	22.71	22.66	22.52		
50	133	0		21.96	21.99	21.96	21.42	21.52	21.45	24.71	24.77	24.72		
50	1	1	16-QAM	23.43	23.47	23.47	23.05	23.27	23.08	26.25	26.38	26.29	25.83	0.3828
50	1	1	64-QAM	21.84	21.89	22.03	21.46	21.84	21.11	24.66	24.88	24.60		
50	1	1	256-QAM	17.91	18.08	17.67	17.58	17.57	17.68	20.76	20.84	20.69		
Limit	EIRP < 2W			Result									Pass	

NR n41 PC1.5 Maximum Average Power [dBm], DG = -0.55 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	23.45	23.60	23.46	23.01	23.03	22.88	26.25	26.33	26.19	25.78	0.3784
60	1	160		23.58	23.40	23.48	22.97	22.98	22.95	26.30	26.21	26.23		
60	81	40		23.39	23.43	23.30	22.71	22.88	22.79	26.07	26.17	26.06		
60	1	0		19.94	20.12	19.80	19.22	19.46	19.40	22.61	22.81	22.61		
60	1	161		20.07	19.87	19.96	19.51	19.38	19.28	22.81	22.64	22.64		
60	162	0		21.90	21.94	21.74	21.34	21.52	21.30	24.64	24.75	24.54		
60	1	1	16-QAM	23.56	23.60	23.37	22.92	22.96	22.70	26.26	26.30	26.06	25.75	0.3758
60	1	1	64-QAM	22.03	22.24	21.70	22.12	21.27	21.28	25.09	24.79	24.51		
60	1	1	256-QAM	17.62	18.19	17.67	17.38	17.67	17.25	20.51	20.95	20.48		
Limit	EIRP < 2W			Result									Pass	

NR n41 PC1.5 Maximum Average Power [dBm], DG = -0.55 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	23.47	23.58	23.39	23.08	23.06	22.91	26.29	26.34	26.17	25.79	0.3793
70	1	187		23.59	23.45	23.63	23.06	22.98	22.89	26.34	26.23	26.29		
70	95	47		23.46	23.44	23.25	22.95	22.97	22.65	26.22	26.22	25.97		
70	1	0		20.01	19.83	19.84	19.57	19.47	19.30	22.81	22.66	22.59		
70	1	188		20.04	19.96	20.01	19.53	19.43	19.27	22.80	22.71	22.67		
70	189	0		21.97	21.96	21.80	21.46	21.46	21.22	24.73	24.73	24.53		
70	1	1	16-QAM	23.72	23.60	23.45	23.05	23.02	23.02	26.41	26.33	26.25	25.86	0.3855
70	1	1	64-QAM	22.00	22.02	21.75	21.55	21.72	21.56	24.79	24.88	24.67		
70	1	1	256-QAM	17.90	17.90	17.70	17.54	17.74	17.26	20.73	20.83	20.50		
Limit	EIRP < 2W			Result									Pass	



NR n41 PC1.5 Maximum Average Power [dBm], DG = -0.55 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	23.55	23.67	23.46	23.07	22.99	22.88	26.33	26.35	26.19	25.89	0.3882
80	1	215		23.72	23.55	23.54	23.11	22.88	22.93	26.44	26.24	26.26		
80	109	54		23.35	23.45	23.30	22.82	22.96	22.78	26.10	26.22	26.06		
80	1	0		20.08	20.09	19.96	19.55	19.56	19.40	22.83	22.84	22.70		
80	1	216		20.20	19.96	19.97	19.56	19.46	19.37	22.90	22.73	22.69		
80	217	0		21.90	21.96	21.84	21.35	21.48	21.30	24.64	24.74	24.59		
80	1	1	16-QAM	23.54	23.63	23.50	22.99	23.16	22.83	26.28	26.41	26.19	25.86	0.3855
80	1	1	64-QAM	21.82	22.09	22.04	21.68	21.57	21.40	24.76	24.85	24.74		
80	1	1	256-QAM	17.86	18.23	18.13	17.50	17.53	17.34	20.69	20.90	20.76		
Limit	EIRP < 2W			Result									Pass	

NR n41 PC1.5 Maximum Average Power [dBm], DG = -0.55 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	23.53	23.67	23.65	23.13	23.18	23.01	26.34	26.44	26.35	25.89	0.3882
90	1	243		23.52	23.51	23.53	22.94	23.01	22.89	26.25	26.28	26.23		
90	123	61		23.38	23.45	23.42	22.99	22.98	22.89	26.20	26.23	26.17		
90	1	0		20.12	20.15	20.16	19.61	19.61	19.46	22.88	22.90	22.83		
90	1	244		20.09	20.01	20.04	19.45	19.49	19.36	22.79	22.77	22.72		
90	245	0		21.95	21.97	21.93	21.50	21.48	21.40	24.74	24.74	24.68		
90	1	1	16-QAM	23.53	23.64	23.51	23.11	22.98	23.16	26.34	26.33	26.35	25.80	0.3802
90	1	1	64-QAM	22.03	22.16	22.33	21.71	21.52	21.60	24.88	24.86	24.99		
90	1	1	256-QAM	18.20	18.23	18.02	17.66	17.55	17.70	20.95	20.91	20.87		
Limit	EIRP < 2W			Result									Pass	

NR n41 PC1.5 Maximum Average Power [dBm], DG = -0.55 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	23.58	23.59	23.62	23.20	23.17	23.06	26.40	26.40	26.36	25.85	0.3846
100	1	271		23.58	23.50	23.64	23.18	23.02	23.06	26.39	26.28	26.37		
100	137	68		23.36	23.46	23.38	22.86	22.97	22.80	26.13	26.23	26.11		
100	1	0		20.10	20.18	20.10	19.75	19.61	19.52	22.94	22.91	22.83		
100	1	272		20.13	20.02	20.14	19.60	19.49	19.45	22.88	22.77	22.82		
100	273	0		21.93	22.00	21.91	21.42	21.51	21.31	24.69	24.77	24.63		
100	1	1	16-QAM	23.45	23.67	23.53	23.21	23.18	22.94	26.34	26.44	26.26	25.89	0.3882
100	1	1	64-QAM	21.94	22.08	22.06	21.74	21.69	21.57	24.85	24.90	24.83		
100	1	1	256-QAM	18.03	18.02	17.93	17.66	17.74	17.64	20.86	20.89	20.80		
Limit	EIRP < 2W			Result									Pass	



Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	21.85	21.90	21.57	21.46	21.61	21.53	24.67	24.77	24.56	25.59	0.3622
10	1	22		21.81	21.88	21.50	21.60	21.67	21.53	24.72	24.79	24.53		
10	12	6		21.78	21.76	21.61	21.64	21.70	21.39	24.72	24.74	24.51		
10	1	0		19.90	19.87	19.51	19.56	19.68	19.46	22.74	22.79	22.50		
10	1	23		19.77	19.93	19.43	19.52	19.95	19.40	22.66	22.95	22.43		
10	24	0		19.36	19.35	19.09	18.98	19.19	18.88	22.18	22.28	22.00		
10	1	1	16-QAM	21.37	21.55	21.13	20.80	21.26	21.44	24.10	24.42	24.30	25.22	0.3327
10	1	1	64-QAM	19.53	19.87	19.64	19.66	19.76	18.87	22.61	22.83	22.28		
10	1	1	256-QAM	16.96	16.66	16.46	16.61	16.84	16.56	19.80	19.76	19.52		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	21.81	21.89	21.58	21.62	21.58	21.57	24.73	24.75	24.59	25.65	0.3673
15	1	36		21.82	21.89	21.66	21.85	21.74	21.50	24.85	24.83	24.59		
15	19	9		21.81	21.84	21.62	21.66	21.66	21.50	24.75	24.76	24.57		
15	1	0		19.73	19.78	19.64	19.38	19.61	19.40	22.57	22.71	22.53		
15	1	37		19.88	19.85	19.54	19.60	19.59	19.44	22.75	22.73	22.50		
15	38	0		19.23	19.32	19.12	19.06	19.16	18.94	22.16	22.25	22.04		
15	1	1	16-QAM	21.08	21.18	20.66	21.04	21.16	21.13	24.07	24.18	23.91	24.98	0.3148
15	1	1	64-QAM	19.98	19.66	19.64	19.60	19.42	19.90	22.80	22.55	22.78		
15	1	1	256-QAM	16.71	16.87	16.62	16.10	16.60	16.25	19.43	19.75	19.45		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	21.65	21.93	21.43	21.56	21.72	21.43	24.62	24.84	24.44	25.64	0.3664
20	1	49		21.47	21.90	21.50	21.82	21.60	21.42	24.66	24.76	24.47		
20	25	12		21.68	21.84	21.75	21.66	21.72	21.56	24.68	24.79	24.67		
20	1	0		19.70	19.86	19.37	19.57	19.59	19.28	22.65	22.74	22.34		
20	1	50		19.86	19.92	19.56	19.48	19.68	19.31	22.68	22.81	22.45		
20	51	0		19.21	19.30	19.14	19.14	19.20	18.96	22.19	22.26	22.06		
20	1	1	16-QAM	21.28	21.69	21.27	21.22	21.24	21.25	24.26	24.48	24.27	25.28	0.3373
20	1	1	64-QAM	19.69	20.25	19.54	19.57	19.42	19.38	22.64	22.87	22.47		
20	1	1	256-QAM	16.65	16.57	16.40	16.47	16.36	16.47	19.57	19.48	19.45		
Limit	EIRP < 1W			Result									Pass	



Part27O NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	21.85	21.86	21.63	21.72	21.67	21.26	24.80	24.78	24.46	25.60	0.3631
25	1	63		21.74	21.63	21.51	21.77	21.59	21.31	24.77	24.62	24.42		
25	33	16		21.75	21.79	21.53	21.64	21.69	21.36	24.71	24.75	24.46		
25	1	0		19.65	19.82	19.60	19.74	19.70	19.28	22.71	22.77	22.45		
25	1	64		19.82	19.91	19.74	19.70	19.62	19.34	22.77	22.78	22.55		
25	65	0		19.25	19.33	19.11	19.14	19.20	18.92	22.21	22.28	22.03		
25	1	1	16-QAM	21.54	21.47	20.59	21.23	21.25	20.60	24.40	24.37	23.61	25.20	0.3311
25	1	1	64-QAM	19.62	19.50	19.42	19.79	19.50	19.21	22.72	22.51	22.33		
25	1	1	256-QAM	16.76	16.87	16.37	16.36	16.62	16.33	19.57	19.76	19.36		
Limit	EIRP < 1W			Result									Pass	

Part27O NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	21.74	21.87	21.65	21.60	21.60	21.26	24.68	24.75	24.47	25.58	0.3614
30	1	76		21.77	21.85	21.59	21.67	21.67	21.35	24.73	24.77	24.48		
30	39	19		21.66	21.86	21.63	21.57	21.67	21.47	24.63	24.78	24.56		
30	1	0		19.76	19.80	19.63	19.59	19.67	19.33	22.69	22.75	22.49		
30	1	77		19.65	19.88	19.71	19.66	19.43	19.36	22.67	22.67	22.55		
30	78	0		19.18	19.29	19.12	19.07	19.18	18.91	22.14	22.25	22.03		
30	1	1	16-QAM	21.44	21.25	21.77	21.18	20.90	20.70	24.32	24.09	24.28	25.12	0.3251
30	1	1	64-QAM	19.89	19.54	19.56	19.46	19.59	18.80	22.69	22.58	22.21		
30	1	1	256-QAM	16.42	16.72	16.42	16.14	16.90	16.36	19.29	19.82	19.40		
Limit	EIRP < 1W			Result									Pass	

Part27O NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	21.78	21.87	21.44	21.54	21.59	21.32	24.67	24.74	24.39	25.60	0.3631
40	1	104		21.86	21.85	21.56	21.71	21.53	21.19	24.80	24.70	24.39		
40	53	26		21.72	21.79	21.45	21.69	21.66	21.37	24.72	24.74	24.42		
40	1	0		19.85	19.81	19.48	19.59	19.67	19.19	22.73	22.75	22.35		
40	1	105		19.80	19.80	19.43	19.58	19.52	19.30	22.70	22.67	22.38		
40	106	0		19.18	19.23	18.92	19.16	19.11	18.79	22.18	22.18	21.87		
40	1	1	16-QAM	21.09	21.22	21.13	20.91	20.90	20.78	24.01	24.07	23.97	24.87	0.3069
40	1	1	64-QAM	19.86	19.91	19.38	19.69	19.60	19.27	22.79	22.77	22.34		
40	1	1	256-QAM	16.59	16.62	16.32	16.57	16.54	16.11	19.59	19.59	19.23		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.72	21.74	21.59	21.48	21.55	21.33	24.61	24.66	24.47	25.57	0.3606
50	1	131		21.74	21.79	21.57	21.65	21.67	21.24	24.71	24.74	24.42		
50	67	33		21.71	21.81	21.54	21.60	21.71	21.34	24.67	24.77	24.45		
50	1	0		19.71	19.74	19.71	19.54	19.53	19.38	22.64	22.65	22.56		
50	1	132		19.83	19.77	19.48	19.79	19.49	19.13	22.82	22.64	22.32		
50	133	0		19.18	19.25	19.05	19.09	19.11	18.86	22.15	22.19	21.97		
50	1	1	16-QAM	21.43	21.05	21.22	21.00	20.95	20.85	24.23	24.01	24.05	25.03	0.3184
50	1	1	64-QAM	19.84	19.80	19.51	19.54	19.55	19.47	22.70	22.69	22.50		
50	1	1	256-QAM	16.66	16.62	16.67	16.38	16.52	16.48	19.53	19.58	19.59		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	21.70	21.63	21.60	21.43	21.39	21.20	24.58	24.52	24.41	25.54	0.3581
60	1	160		21.86	21.97	21.61	21.60	21.46	21.02	24.74	24.73	24.34		
60	81	40		21.77	21.73	21.58	21.66	21.64	21.31	24.73	24.70	24.46		
60	1	0		19.74	19.62	19.55	19.54	19.54	19.23	22.65	22.59	22.40		
60	1	161		19.81	19.91	19.50	19.63	19.38	19.18	22.73	22.66	22.35		
60	162	0		19.29	19.17	19.09	19.07	19.19	18.75	22.19	22.19	21.93		
60	1	1	16-QAM	21.05	21.15	21.33	21.12	21.03	20.89	24.10	24.10	24.13	24.93	0.3112
60	1	1	64-QAM	19.80	19.99	19.33	19.76	19.67	19.31	22.79	22.84	22.33		
60	1	1	256-QAM	16.82	16.67	16.57	16.56	16.41	16.04	19.70	19.55	19.32		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	21.46	21.95	21.80	21.37	21.67	21.29	24.43	24.82	24.56	25.62	0.3648
70	1	187		21.72	21.72	21.28	21.56	21.52	21.25	24.65	24.63	24.28		
70	95	47		21.81	21.59	21.32	21.65	21.46	21.05	24.74	24.54	24.20		
70	1	0		19.84	19.81	19.34	19.40	19.47	19.18	22.64	22.65	22.27		
70	1	188		20.03	19.89	19.55	19.55	19.59	19.25	22.81	22.75	22.41		
70	189	0		19.23	19.36	18.93	19.07	19.25	18.59	22.16	22.32	21.77		
70	1	1	16-QAM	21.19	20.70	20.89	20.97	20.96	20.47	24.09	23.84	23.70	24.89	0.3083
70	1	1	64-QAM	19.70	19.40	19.72	19.47	19.57	19.47	22.60	22.50	22.61		
70	1	1	256-QAM	16.60	16.68	16.59	16.04	16.58	16.14	19.34	19.64	19.38		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	21.97	21.75	21.62	21.49	21.63	21.55	24.75	24.70	24.60	25.64	0.3664
80	1	215		21.99	21.90	21.55	21.66	21.29	21.11	24.84	24.62	24.35		
80	109	54		21.68	21.63	21.43	21.52	21.73	21.40	24.61	24.69	24.43		
80	1	0		19.89	19.68	19.58	19.72	19.69	19.19	22.82	22.70	22.40		
80	1	216		19.70	19.89	19.55	19.81	19.37	19.00	22.77	22.65	22.29		
80	217	0		19.20	19.29	19.04	19.11	19.05	18.55	22.17	22.18	21.81		
80	1	1	16-QAM	21.66	21.26	21.19	21.46	21.03	20.43	24.57	24.16	23.84	25.37	0.3443
80	1	1	64-QAM	19.34	19.68	19.68	19.38	19.38	18.98	22.37	22.54	22.35		
80	1	1	256-QAM	16.30	16.72	16.51	16.74	16.58	16.53	19.54	19.66	19.53		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	21.77	21.92	21.95	21.63	21.55	21.48	24.71	24.75	24.73	25.66	0.3681
90	1	243		21.97	21.93	21.27	21.73	21.40	20.82	24.86	24.68	24.06		
90	123	61		21.64	21.45	21.42	21.34	21.66	21.16	24.50	24.57	24.30		
90	1	0		19.78	19.57	19.90	19.59	19.62	19.44	22.70	22.61	22.69		
90	1	244		19.98	19.90	19.61	19.82	19.61	19.14	22.91	22.77	22.39		
90	245	0		19.30	19.36	19.04	19.08	19.11	18.79	22.20	22.25	21.93		
90	1	1	16-QAM	21.09	21.61	21.40	21.21	20.60	21.10	24.16	24.14	24.26	25.06	0.3206
90	1	1	64-QAM	19.99	19.84	19.91	19.58	20.11	19.50	22.80	22.99	22.72		
90	1	1	256-QAM	16.76	17.08	16.68	16.68	16.53	16.50	19.73	19.82	19.60		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	21.72	21.65	21.82	21.49	21.88	21.50	24.62	24.78	24.67	25.87	0.3864
100	1	271		22.17	21.64	21.58	21.94	21.56	21.16	25.07	24.61	24.39		
100	137	68		21.61	21.53	21.61	21.54	21.74	21.13	24.59	24.65	24.39		
100	1	0		19.65	19.80	19.73	19.72	19.69	19.46	22.70	22.76	22.61		
100	1	272		20.05	20.08	19.69	19.72	19.64	19.37	22.90	22.88	22.54		
100	273	0		19.36	19.33	18.88	19.04	19.05	18.79	22.21	22.20	21.85		
100	1	1	16-QAM	21.05	21.51	21.18	21.09	21.21	21.21	24.08	24.37	24.21	25.17	0.3289
100	1	1	64-QAM	19.68	19.31	19.34	20.07	19.78	19.14	22.89	22.56	22.25		
100	1	1	256-QAM	16.38	16.41	16.90	16.88	16.43	16.40	19.65	19.43	19.67		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	21.79	22.15	21.73	21.53	21.62	21.49	24.67	24.90	24.62	25.47	0.3524
10	1	22		21.63	21.95	21.61	21.40	21.66	21.64	24.53	24.82	24.64		
10	12	6		21.67	21.88	21.70	21.47	21.63	21.63	24.58	24.77	24.68		
10	1	0		19.61	19.80	19.89	19.30	19.54	19.47	22.47	22.68	22.70		
10	1	23		19.70	19.90	19.78	19.47	19.60	19.55	22.60	22.76	22.68		
10	24	0		19.14	19.30	19.21	19.06	19.08	19.06	22.11	22.20	22.15		
10	1	1	16-QAM	21.44	21.32	20.97	20.73	21.21	21.09	24.11	24.28	24.04	24.85	0.3055
10	1	1	64-QAM	19.63	19.57	19.39	19.39	19.52	19.76	22.52	22.56	22.59		
10	1	1	256-QAM	16.57	16.71	16.60	16.28	16.74	16.39	19.44	19.74	19.51		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	21.79	21.77	21.81	21.39	21.67	21.93	24.60	24.73	24.88	25.45	0.3508
15	1	36		21.71	21.75	21.86	21.34	21.77	21.80	24.54	24.77	24.84		
15	19	9		21.69	21.83	21.91	21.50	21.64	21.71	24.61	24.75	24.82		
15	1	0		19.74	19.74	19.93	19.35	19.66	19.71	22.56	22.71	22.83		
15	1	37		19.76	19.83	19.93	19.61	19.66	19.76	22.70	22.76	22.86		
15	38	0		19.20	19.42	19.38	19.03	19.10	19.18	22.13	22.27	22.29		
15	1	1	16-QAM	21.08	21.32	21.16	20.96	21.19	20.94	24.03	24.27	24.06	24.84	0.3048
15	1	1	64-QAM	19.60	19.97	19.93	19.24	19.65	19.90	22.43	22.82	22.93		
15	1	1	256-QAM	16.72	16.75	16.87	16.49	16.52	16.49	19.62	19.65	19.69		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	21.67	21.73	21.93	21.58	21.56	21.63	24.64	24.66	24.79	25.36	0.3436
20	1	49		21.72	21.76	21.70	21.38	21.48	21.74	24.56	24.63	24.73		
20	25	12		21.69	21.84	21.91	21.56	21.62	21.65	24.64	24.74	24.79		
20	1	0		19.87	19.81	19.90	19.57	19.63	19.63	22.73	22.73	22.78		
20	1	50		19.70	19.84	19.76	19.57	19.63	19.58	22.65	22.75	22.68		
20	51	0		19.24	19.32	19.37	19.03	19.14	19.06	22.15	22.24	22.23		
20	1	1	16-QAM	21.15	21.36	21.45	21.06	21.13	21.12	24.12	24.26	24.30	24.87	0.3069
20	1	1	64-QAM	19.61	20.38	20.06	19.85	19.99	19.32	22.74	23.20	22.72		
20	1	1	256-QAM	17.13	16.67	16.84	16.56	16.43	16.55	19.86	19.56	19.71		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	21.84	21.82	21.81	21.63	21.67	21.57	24.75	24.76	24.70	25.34	0.3420
25	1	63		21.84	21.87	21.62	21.63	21.65	21.65	24.75	24.77	24.65		
25	33	16		21.69	21.80	21.76	21.58	21.57	21.61	24.65	24.70	24.70		
25	1	0		19.70	19.90	19.65	19.75	19.56	19.55	22.74	22.74	22.61		
25	1	64		19.76	19.90	19.74	19.55	19.59	19.67	22.67	22.76	22.72		
25	65	0		19.29	19.39	19.31	19.12	19.14	19.11	22.22	22.28	22.22		
25	1	1	16-QAM	21.27	21.37	21.29	20.82	21.15	21.22	24.06	24.27	24.27	24.84	0.3048
25	1	1	64-QAM	19.78	19.82	19.38	19.52	19.67	19.48	22.66	22.76	22.44		
25	1	1	256-QAM	16.99	16.76	16.61	16.58	16.75	16.46	19.80	19.77	19.55		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	21.74	21.88	21.82	21.49	21.54	21.69	24.63	24.72	24.77	25.46	0.3516
30	1	76		21.71	21.90	21.75	21.65	21.68	21.84	24.69	24.80	24.81		
30	39	19		21.68	21.86	22.03	21.56	21.62	21.73	24.63	24.75	24.89		
30	1	0		19.68	19.67	19.75	19.43	19.59	19.73	22.57	22.64	22.75		
30	1	77		19.74	19.90	19.83	19.63	19.57	19.64	22.70	22.75	22.75		
30	78	0		19.19	19.39	19.39	19.04	19.17	19.12	22.13	22.29	22.27		
30	1	1	16-QAM	21.08	21.29	21.52	20.93	21.37	21.32	24.02	24.34	24.43	25.00	0.3162
30	1	1	64-QAM	19.64	19.77	19.77	19.54	19.64	19.32	22.60	22.72	22.56		
30	1	1	256-QAM	16.47	16.76	16.72	16.39	16.51	16.73	19.44	19.65	19.74		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	21.80	21.75	21.82	21.49	21.58	21.54	24.66	24.68	24.69	25.36	0.3436
40	1	104		21.67	21.82	21.90	21.71	21.65	21.66	24.70	24.75	24.79		
40	53	26		21.68	21.82	21.75	21.64	21.61	21.64	24.67	24.73	24.71		
40	1	0		19.64	19.77	19.70	19.65	19.56	19.52	22.66	22.68	22.62		
40	1	105		19.75	19.91	19.86	19.69	19.48	19.55	22.73	22.71	22.72		
40	106	0		19.21	19.29	19.25	19.17	19.10	19.12	22.20	22.21	22.20		
40	1	1	16-QAM	21.21	21.18	21.37	20.86	21.11	21.15	24.05	24.16	24.27	24.84	0.3048
40	1	1	64-QAM	19.76	19.74	19.68	19.57	19.52	19.87	22.68	22.64	22.79		
40	1	1	256-QAM	16.48	16.59	16.75	16.28	16.52	16.60	19.39	19.57	19.69		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.74	21.79	21.96	21.49	21.67	21.73	24.63	24.74	24.86	25.43	0.3491
50	1	131		21.77	21.90	21.95	21.69	21.61	21.65	24.74	24.77	24.81		
50	67	33		21.71	21.87	21.99	21.56	21.65	21.69	24.65	24.77	24.85		
50	1	0		19.75	19.75	19.92	19.40	19.64	19.77	22.59	22.71	22.86		
50	1	132		19.77	20.04	19.89	19.62	19.65	19.78	22.71	22.86	22.85		
50	133	0		19.22	19.37	19.39	19.04	19.08	19.19	22.14	22.24	22.30		
50	1	1	16-QAM	21.30	21.38	21.26	20.96	21.17	21.29	24.14	24.29	24.29	24.86	0.3062
50	1	1	64-QAM	19.68	19.90	19.87	19.44	19.71	19.72	22.57	22.82	22.81		
50	1	1	256-QAM	16.40	17.02	17.15	16.43	16.53	16.58	19.43	19.79	19.88		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	21.86	21.65	21.90	21.60	21.68	21.69	24.74	24.68	24.81	25.43	0.3491
60	1	160		21.91	21.88	21.82	21.65	21.81	21.62	24.79	24.86	24.73		
60	81	40		21.71	21.89	21.81	21.51	21.65	21.63	24.62	24.78	24.73		
60	1	0		19.58	19.84	19.74	19.55	19.70	19.68	22.58	22.78	22.72		
60	1	161		19.91	19.89	19.89	19.61	19.48	19.55	22.77	22.70	22.73		
60	162	0		19.14	19.33	19.36	18.91	19.07	19.08	22.04	22.21	22.23		
60	1	1	16-QAM	21.32	21.20	21.60	21.04	20.77	20.99	24.19	24.00	24.32	24.89	0.3083
60	1	1	64-QAM	19.65	19.79	19.68	19.44	19.52	19.44	22.56	22.67	22.57		
60	1	1	256-QAM	16.91	16.58	16.78	16.42	16.70	16.40	19.68	19.65	19.60		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	21.73	21.74	21.50	21.47	21.64	21.26	24.61	24.70	24.39	25.44	0.3499
70	1	187		21.67	21.91	21.89	21.85	21.51	21.83	24.77	24.72	24.87		
70	95	47		21.76	21.98	21.55	21.49	21.66	21.61	24.64	24.83	24.59		
70	1	0		19.58	19.61	19.69	19.45	19.59	19.47	22.53	22.61	22.59		
70	1	188		19.76	19.88	19.75	19.86	19.60	19.84	22.82	22.75	22.81		
70	189	0		19.05	19.13	19.30	19.04	18.95	19.01	22.06	22.05	22.17		
70	1	1	16-QAM	21.27	21.36	21.25	21.54	20.94	20.81	24.42	24.17	24.05	24.99	0.3155
70	1	1	64-QAM	19.54	19.54	19.61	19.49	19.19	19.94	22.53	22.38	22.79		
70	1	1	256-QAM	16.72	17.33	17.12	16.52	16.74	16.62	19.63	20.06	19.89		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	21.58	21.78	21.68	21.84	21.47	21.73	24.72	24.64	24.72	25.49	0.3540
80	1	215		21.99	22.09	21.80	21.30	21.73	21.72	24.67	24.92	24.77		
80	109	54		21.85	21.61	21.78	21.45	21.52	21.60	24.66	24.58	24.70		
80	1	0		19.86	19.71	19.54	19.51	19.38	19.56	22.70	22.56	22.56		
80	1	216		19.89	19.78	20.08	19.73	19.58	19.63	22.82	22.69	22.87		
80	217	0		19.33	19.38	19.17	19.14	18.96	19.12	22.25	22.19	22.16		
80	1	1	16-QAM	20.87	21.39	20.76	20.93	20.46	21.35	23.91	23.96	24.08	24.65	0.2917
80	1	1	64-QAM	20.11	19.63	19.71	19.29	19.76	19.55	22.73	22.71	22.64		
80	1	1	256-QAM	16.77	17.03	16.95	16.24	16.83	16.63	19.52	19.94	19.80		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	21.96	21.95	21.95	21.31	21.65	21.62	24.66	24.81	24.80	25.52	0.3565
90	1	243		22.04	21.59	22.11	21.62	21.59	21.77	24.85	24.60	24.95		
90	123	61		21.75	21.62	21.76	21.67	21.34	21.45	24.72	24.49	24.62		
90	1	0		19.88	19.79	19.94	19.39	19.83	19.54	22.65	22.82	22.75		
90	1	244		20.12	20.34	19.91	19.57	19.75	19.46	22.86	23.07	22.70		
90	245	0		19.28	19.39	19.15	18.99	18.97	19.17	22.15	22.20	22.17		
90	1	1	16-QAM	21.21	21.38	21.27	20.70	20.87	20.84	23.97	24.14	24.07	24.71	0.2958
90	1	1	64-QAM	19.99	19.54	20.12	19.23	19.68	19.67	22.64	22.62	22.91		
90	1	1	256-QAM	16.31	16.52	16.91	16.49	16.48	16.83	19.41	19.51	19.88		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	21.98	-	-	21.87	-	-	24.94	-	25.51	0.3556
100	1	271		-	22.21	-	-	21.60	-	-	24.93	-		
100	137	68		-	21.97	-	-	21.63	-	-	24.81	-		
100	1	0		-	20.14	-	-	19.47	-	-	22.83	-		
100	1	272		-	20.10	-	-	19.57	-	-	22.85	-		
100	273	0		-	19.36	-	-	19.03	-	-	22.21	-		
100	1	1	16-QAM	-	21.57	-	-	21.28	-	-	24.44	-	25.01	0.317
100	1	1	64-QAM	-	19.86	-	-	19.71	-	-	22.80	-		
100	1	1	256-QAM	-	17.31	-	-	16.48	-	-	19.93	-		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	21.83	21.57	21.73	21.92	22.03	21.76	24.89	24.82	24.76	25.75	0.3758
10	1	22		21.90	21.75	21.83	21.97	21.82	21.68	24.95	24.80	24.77		
10	12	6		21.83	21.57	21.70	22.00	21.88	21.82	24.93	24.74	24.77		
10	1	0		19.90	19.61	19.63	19.77	19.96	19.76	22.85	22.80	22.71		
10	1	23		19.72	19.60	19.72	19.91	19.94	19.77	22.83	22.78	22.76		
10	24	0		19.37	19.10	19.17	19.40	19.41	19.21	22.40	22.27	22.20		
10	1	1	16-QAM	21.44	21.28	21.31	21.36	21.24	20.53	24.41	24.27	23.95	25.21	0.3319
10	1	1	64-QAM	19.83	19.31	19.71	19.14	19.36	19.68	22.51	22.35	22.71		
10	1	1	256-QAM	16.92	17.06	16.70	16.99	16.65	16.69	19.97	19.87	19.71		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	21.91	21.74	21.71	21.81	21.92	21.65	24.87	24.84	24.69	25.75	0.3758
15	1	36		21.86	21.58	21.67	22.02	21.95	21.73	24.95	24.78	24.71		
15	19	9		21.80	21.60	21.68	21.94	21.87	21.70	24.88	24.75	24.70		
15	1	0		19.85	19.61	19.50	19.82	19.53	19.64	22.85	22.58	22.58		
15	1	37		19.80	19.65	19.79	19.92	19.84	19.67	22.87	22.76	22.74		
15	38	0		19.26	19.19	19.09	19.49	19.38	19.16	22.39	22.30	22.14		
15	1	1	16-QAM	21.43	21.12	21.00	21.10	21.49	21.29	24.28	24.32	24.16	25.12	0.3251
15	1	1	64-QAM	19.93	19.85	19.61	20.01	20.00	19.81	22.98	22.94	22.72		
15	1	1	256-QAM	16.74	16.50	16.57	16.77	16.86	16.55	19.77	19.69	19.57		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	21.89	21.62	21.57	22.05	21.78	21.81	24.98	24.71	24.70	25.78	0.3784
20	1	49		21.78	21.67	21.71	22.13	21.76	21.62	24.97	24.73	24.68		
20	25	12		21.78	21.64	21.59	22.00	21.90	21.68	24.90	24.78	24.65		
20	1	0		19.84	19.70	19.61	20.04	19.97	19.69	22.95	22.85	22.66		
20	1	50		19.80	19.68	19.70	20.17	19.75	19.70	23.00	22.73	22.71		
20	51	0		19.22	19.04	19.07	19.47	19.35	19.19	22.36	22.21	22.14		
20	1	1	16-QAM	21.10	20.65	20.52	21.87	21.64	21.56	24.51	24.18	24.08	25.31	0.3396
20	1	1	64-QAM	20.02	19.50	19.29	19.73	20.03	19.56	22.89	22.78	22.44		
20	1	1	256-QAM	16.95	17.10	16.49	16.88	16.80	16.78	19.93	19.96	19.65		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	21.88	21.68	21.56	22.10	22.00	21.74	25.00	24.85	24.66	25.80	0.3802
25	1	63		21.65	21.58	21.66	22.17	21.73	21.56	24.93	24.67	24.62		
25	33	16		21.85	21.64	21.53	22.13	21.87	21.58	25.00	24.77	24.57		
25	1	0		19.79	19.66	19.53	20.11	20.06	19.62	22.96	22.87	22.59		
25	1	64		19.59	19.53	19.56	20.21	19.68	19.44	22.92	22.62	22.51		
25	65	0		19.34	19.09	19.03	19.59	19.36	19.12	22.48	22.24	22.09		
25	1	1	16-QAM	21.17	21.19	21.08	21.42	21.58	20.85	24.31	24.40	23.98	25.20	0.3311
25	1	1	64-QAM	19.98	19.81	19.36	20.04	20.04	19.94	23.02	22.94	22.67		
25	1	1	256-QAM	16.75	16.48	16.40	16.90	16.84	16.78	19.84	19.67	19.60		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	21.82	21.45	21.60	21.76	22.00	21.83	24.80	24.74	24.73	25.65	0.3673
30	1	76		21.40	21.39	21.83	21.99	21.85	21.79	24.72	24.64	24.82		
30	39	19		21.72	21.59	21.68	21.95	21.92	21.84	24.85	24.77	24.77		
30	1	0		19.94	19.63	19.67	19.74	19.87	19.84	22.85	22.76	22.77		
30	1	77		19.53	19.52	19.72	19.77	19.64	19.71	22.66	22.59	22.73		
30	78	0		19.25	19.03	19.15	19.44	19.34	19.24	22.36	22.20	22.21		
30	1	1	16-QAM	21.37	21.34	21.14	21.28	21.61	21.64	24.34	24.49	24.41	25.29	0.3381
30	1	1	64-QAM	19.74	19.54	19.54	19.75	19.93	20.04	22.76	22.75	22.81		
30	1	1	256-QAM	16.57	16.50	16.50	16.68	17.06	16.57	19.64	19.80	19.55		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	21.90	21.70	21.65	22.02	22.06	21.73	24.97	24.89	24.70	25.77	0.3776
40	1	104		21.69	21.54	21.66	22.07	21.83	21.65	24.89	24.70	24.67		
40	53	26		21.79	21.52	21.53	22.06	21.89	21.68	24.94	24.72	24.62		
40	1	0		19.86	19.62	19.42	19.98	20.02	19.75	22.93	22.83	22.60		
40	1	105		19.56	19.51	19.66	20.05	19.78	19.66	22.82	22.66	22.67		
40	106	0		19.29	19.09	19.02	19.48	19.36	19.16	22.40	22.24	22.10		
40	1	1	16-QAM	21.23	21.03	21.15	21.37	21.45	21.21	24.31	24.26	24.19	25.11	0.3243
40	1	1	64-QAM	19.89	19.70	19.74	19.90	19.94	19.68	22.91	22.83	22.72		
40	1	1	256-QAM	16.82	16.61	16.50	16.88	16.91	16.81	19.86	19.77	19.67		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.93	21.67	21.63	21.90	21.89	21.84	24.93	24.79	24.75	25.73	0.3741
50	1	131		21.60	21.52	21.54	21.87	21.82	21.57	24.75	24.68	24.57		
50	67	33		21.62	21.60	21.46	21.89	21.91	21.64	24.77	24.77	24.56		
50	1	0		19.81	19.72	19.49	19.96	19.89	19.82	22.90	22.82	22.67		
50	1	132		19.52	19.60	19.56	19.88	19.82	19.53	22.71	22.72	22.56		
50	133	0		19.16	19.10	18.96	19.38	19.34	19.18	22.28	22.23	22.08		
50	1	1	16-QAM	21.13	21.22	21.09	21.40	21.32	21.36	24.28	24.28	24.24	25.08	0.3221
50	1	1	64-QAM	19.67	19.79	19.84	19.88	19.93	19.56	22.79	22.87	22.71		
50	1	1	256-QAM	16.76	16.61	16.38	16.97	16.99	16.76	19.88	19.81	19.58		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	21.70	21.97	21.59	22.01	21.90	21.89	24.87	24.95	24.75	25.75	0.3758
60	1	160		21.53	21.62	21.67	21.80	21.70	21.63	24.68	24.67	24.66		
60	81	40		21.55	21.46	21.42	22.01	21.70	21.75	24.80	24.59	24.60		
60	1	0		19.76	19.81	19.59	19.95	19.97	19.93	22.87	22.90	22.77		
60	1	161		19.51	19.62	19.81	19.88	19.49	19.57	22.71	22.57	22.70		
60	162	0		19.16	19.04	18.89	19.41	19.24	19.28	22.30	22.15	22.10		
60	1	1	16-QAM	21.45	21.34	20.77	21.58	21.63	21.35	24.53	24.50	24.08	25.33	0.3412
60	1	1	64-QAM	19.42	19.83	19.50	20.14	20.00	20.02	22.81	22.93	22.78		
60	1	1	256-QAM	16.61	16.40	16.16	16.71	16.90	16.99	19.67	19.67	19.61		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	21.89	21.80	21.54	21.92	22.19	22.03	24.92	25.01	24.80	25.81	0.3811
70	1	187		21.77	21.52	21.56	21.68	21.42	21.58	24.74	24.48	24.58		
70	95	47		21.42	21.38	21.54	21.60	21.60	21.70	24.52	24.50	24.63		
70	1	0		20.01	19.66	19.49	19.91	19.92	20.20	22.97	22.80	22.87		
70	1	188		19.84	19.55	19.76	19.67	19.70	19.73	22.77	22.64	22.76		
70	189	0		19.05	18.94	19.20	19.27	19.18	19.25	22.17	22.07	22.24		
70	1	1	16-QAM	21.09	21.38	21.08	21.37	21.19	21.33	24.24	24.30	24.22	25.10	0.3236
70	1	1	64-QAM	20.45	19.71	20.35	19.51	20.39	19.89	23.02	23.07	23.14		
70	1	1	256-QAM	16.58	16.47	16.65	16.88	16.89	17.20	19.74	19.70	19.94		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	21.66	21.54	21.97	21.96	22.07	21.89	24.82	24.82	24.94	25.74	0.3750
80	1	215		21.47	21.76	21.51	21.89	21.51	21.45	24.70	24.65	24.49		
80	109	54		21.42	21.40	21.62	21.99	21.60	21.86	24.72	24.51	24.75		
80	1	0		19.77	20.04	20.06	19.88	20.00	20.05	22.84	23.03	23.07		
80	1	216		19.50	19.39	19.68	19.66	19.74	19.72	22.59	22.58	22.71		
80	217	0		19.17	18.90	19.15	19.29	19.25	19.28	22.24	22.09	22.23		
80	1	1	16-QAM	21.48	21.61	20.91	21.22	21.53	21.07	24.36	24.58	24.00	25.38	0.3451
80	1	1	64-QAM	19.60	19.42	20.25	20.40	20.32	19.59	23.03	22.90	22.94		
80	1	1	256-QAM	16.73	16.54	16.67	16.77	16.93	16.98	19.76	19.75	19.84		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	21.74	21.92	21.80	22.01	21.82	21.87	24.89	24.88	24.85	25.69	0.3707
90	1	243		21.58	21.73	21.85	21.74	21.59	21.77	24.67	24.67	24.82		
90	123	61		21.34	21.61	21.45	21.65	21.81	21.70	24.51	24.72	24.59		
90	1	0		20.14	19.78	19.85	19.98	20.23	20.20	23.07	23.02	23.04		
90	1	244		19.57	19.84	19.71	19.69	19.88	19.56	22.64	22.87	22.65		
90	245	0		19.14	18.93	19.00	19.34	19.48	19.45	22.25	22.22	22.24		
90	1	1	16-QAM	21.47	21.57	21.23	21.70	21.38	21.16	24.60	24.49	24.21	25.40	0.3467
90	1	1	64-QAM	19.59	20.18	20.24	20.12	19.67	19.86	22.87	22.94	23.06		
90	1	1	256-QAM	17.03	16.65	16.90	16.71	16.59	17.00	19.88	19.63	19.96		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 0.8 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	22.04	-	-	22.07	-	-	25.07	-	25.87	0.3864
100	1	271		-	21.92	-	-	21.64	-	-	24.79	-		
100	137	68		-	21.67	-	-	21.86	-	-	24.78	-		
100	1	0		-	20.06	-	-	19.97	-	-	23.03	-		
100	1	272		-	19.96	-	-	19.80	-	-	22.89	-		
100	273	0		-	19.23	-	-	19.42	-	-	22.34	-		
100	1	1	16-QAM	-	21.38	-	-	21.50	-	-	24.45	-	25.25	0.3350
100	1	1	64-QAM	-	20.26	-	-	19.63	-	-	22.97	-		
100	1	1	256-QAM	-	17.14	-	-	17.16	-	-	20.16	-		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	21.93	21.71	21.73	21.88	21.76	21.53	24.92	24.75	24.64	25.49	0.3540
10	1	22		21.91	21.66	21.66	21.87	21.66	21.59	24.90	24.67	24.64		
10	12	6		21.62	21.39	21.63	21.89	21.75	21.67	24.77	24.58	24.66		
10	1	0		19.70	19.64	19.61	19.74	19.86	19.55	22.73	22.76	22.59		
10	1	23		19.54	19.54	19.68	19.84	19.72	19.67	22.70	22.64	22.69		
10	24	0		19.13	19.07	19.04	19.31	19.36	19.11	22.23	22.23	22.09		
10	1	1	16-QAM	21.33	21.00	21.28	21.13	21.40	21.04	24.24	24.21	24.17	24.81	0.3027
10	1	1	64-QAM	19.62	19.52	19.56	19.86	19.82	19.79	22.75	22.68	22.69		
10	1	1	256-QAM	17.02	16.39	16.81	16.92	16.87	16.60	19.98	19.65	19.72		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	21.89	21.71	21.57	21.83	21.91	21.63	24.87	24.82	24.61	25.44	0.3499
15	1	36		21.76	21.51	21.69	21.88	21.69	21.63	24.83	24.61	24.67		
15	19	9		21.80	21.50	21.56	21.92	21.83	21.68	24.87	24.68	24.63		
15	1	0		19.90	19.62	19.59	19.88	19.77	19.58	22.90	22.71	22.60		
15	1	37		19.69	19.52	19.55	19.88	19.83	19.55	22.80	22.69	22.56		
15	38	0		19.24	19.06	19.09	19.38	19.37	19.20	22.32	22.23	22.16		
15	1	1	16-QAM	21.43	21.14	20.82	21.61	21.53	21.18	24.53	24.35	24.01	25.10	0.3236
15	1	1	64-QAM	19.95	19.34	19.49	19.95	19.96	19.71	22.96	22.67	22.61		
15	1	1	256-QAM	16.63	17.02	16.45	17.07	16.79	16.56	19.87	19.92	19.52		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	21.88	21.69	21.66	21.89	21.68	21.56	24.90	24.70	24.62	25.47	0.3524
20	1	49		21.77	21.50	21.82	21.96	21.73	21.24	24.88	24.63	24.55		
20	25	12		21.71	21.51	21.56	21.98	21.82	21.69	24.86	24.68	24.64		
20	1	0		19.82	19.65	19.52	19.94	19.85	19.59	22.89	22.76	22.57		
20	1	50		19.80	19.57	19.41	19.92	19.74	19.51	22.87	22.67	22.47		
20	51	0		19.25	19.04	19.04	19.45	19.33	19.09	22.36	22.20	22.08		
20	1	1	16-QAM	21.31	20.83	20.78	21.61	21.20	20.86	24.47	24.03	23.83	25.04	0.3192
20	1	1	64-QAM	19.91	19.39	19.44	19.84	19.99	19.40	22.89	22.71	22.43		
20	1	1	256-QAM	16.61	16.19	16.34	16.88	17.12	16.84	19.76	19.69	19.61		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	21.91	21.61	21.45	21.79	22.04	21.54	24.86	24.84	24.51	25.53	0.3573
25	1	63		21.73	21.59	21.65	21.89	21.78	21.54	24.82	24.70	24.61		
25	33	16		21.82	21.51	21.51	22.07	21.83	21.55	24.96	24.68	24.54		
25	1	0		19.87	19.60	19.53	19.96	19.94	19.53	22.93	22.78	22.54		
25	1	64		19.91	19.66	19.60	19.94	19.79	19.39	22.94	22.74	22.51		
25	65	0		19.35	19.05	18.88	19.48	19.34	19.02	22.43	22.21	21.96		
25	1	1	16-QAM	21.92	21.13	20.92	21.73	21.51	21.36	24.84	24.33	24.16	25.41	0.3475
25	1	1	64-QAM	20.45	19.58	19.43	20.04	19.66	19.34	23.26	22.63	22.40		
25	1	1	256-QAM	16.81	16.59	16.36	17.12	16.93	16.62	19.98	19.77	19.50		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	21.78	21.62	21.52	21.70	21.90	21.81	24.75	24.77	24.68	25.39	0.3459
30	1	76		21.55	21.60	21.73	21.83	21.72	21.76	24.70	24.67	24.76		
30	39	19		21.71	21.62	21.64	21.90	21.82	21.74	24.82	24.73	24.70		
30	1	0		19.87	19.60	19.45	19.91	20.07	20.02	22.90	22.85	22.75		
30	1	77		19.63	19.49	19.91	19.91	19.78	19.63	22.78	22.65	22.78		
30	78	0		19.24	18.95	19.12	19.42	19.37	19.23	22.34	22.18	22.19		
30	1	1	16-QAM	21.55	21.41	20.49	21.20	21.63	21.12	24.39	24.53	23.83	25.10	0.3236
30	1	1	64-QAM	20.06	19.61	19.36	20.02	20.02	20.18	23.05	22.83	22.80		
30	1	1	256-QAM	16.67	16.51	16.84	16.68	16.75	16.93	19.69	19.64	19.90		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	21.88	21.75	21.58	21.94	21.88	21.82	24.92	24.83	24.71	25.49	0.3540
40	1	104		21.71	21.54	21.65	21.83	21.70	21.49	24.78	24.63	24.58		
40	53	26		21.77	21.60	21.54	22.01	21.81	21.69	24.90	24.72	24.63		
40	1	0		19.90	19.53	19.66	19.89	19.93	19.65	22.91	22.74	22.67		
40	1	105		19.71	19.45	19.70	19.83	19.69	19.62	22.78	22.58	22.67		
40	106	0		19.31	19.05	19.05	19.51	19.29	19.15	22.42	22.18	22.11		
40	1	1	16-QAM	21.69	21.13	20.90	21.60	21.53	21.17	24.66	24.34	24.05	25.23	0.3334
40	1	1	64-QAM	19.78	19.72	19.52	19.98	19.79	19.86	22.89	22.77	22.70		
40	1	1	256-QAM	16.82	16.53	16.64	16.82	16.84	16.61	19.83	19.70	19.64		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.78	21.76	21.58	21.76	21.81	21.71	24.78	24.80	24.66	25.37	0.3443
50	1	131		21.61	21.62	21.66	21.69	21.64	21.47	24.66	24.64	24.58		
50	67	33		21.59	21.58	21.54	21.88	21.81	21.60	24.75	24.71	24.58		
50	1	0		19.81	19.78	19.61	19.65	19.98	19.66	22.74	22.89	22.65		
50	1	132		19.52	19.64	19.67	19.76	19.66	19.44	22.65	22.66	22.57		
50	133	0		19.14	19.10	18.93	19.34	19.36	19.09	22.25	22.24	22.02		
50	1	1	16-QAM	21.25	21.01	21.25	21.38	21.54	21.24	24.33	24.29	24.26	24.90	0.3090
50	1	1	64-QAM	19.53	19.60	19.37	19.67	19.98	19.98	22.61	22.80	22.70		
50	1	1	256-QAM	16.90	16.76	16.32	16.64	16.73	16.93	19.78	19.76	19.65		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	21.79	21.83	21.65	21.90	21.89	21.69	24.86	24.87	24.68	25.44	0.3499
60	1	160		21.44	21.49	21.66	21.88	21.54	21.67	24.68	24.53	24.68		
60	81	40		21.41	21.48	21.59	21.88	21.77	21.65	24.66	24.64	24.63		
60	1	0		19.87	19.90	19.46	19.91	20.00	19.78	22.90	22.96	22.63		
60	1	161		19.62	19.47	19.23	19.96	19.65	19.43	22.80	22.57	22.34		
60	162	0		18.90	18.91	19.01	19.28	19.30	19.16	22.10	22.12	22.10		
60	1	1	16-QAM	21.18	21.24	20.92	21.38	21.37	21.50	24.29	24.32	24.23	24.89	0.3083
60	1	1	64-QAM	19.96	19.39	19.75	19.79	19.79	19.86	22.89	22.60	22.82		
60	1	1	256-QAM	16.76	16.53	16.72	16.57	16.88	16.76	19.68	19.72	19.75		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	21.77	21.87	21.74	21.99	21.96	21.85	24.89	24.93	24.81	25.50	0.3548
70	1	187		21.23	21.76	21.78	21.72	21.81	21.58	24.49	24.80	24.69		
70	95	47		21.31	21.40	21.69	21.62	21.85	21.71	24.48	24.64	24.71		
70	1	0		19.56	19.89	19.47	19.88	19.95	19.66	22.73	22.93	22.58		
70	1	188		19.28	19.41	19.72	19.70	19.78	19.73	22.51	22.61	22.74		
70	189	0		18.94	18.94	19.22	19.40	19.19	19.26	22.19	22.08	22.25		
70	1	1	16-QAM	21.15	21.32	20.90	21.44	21.70	21.56	24.31	24.52	24.25	25.09	0.3228
70	1	1	64-QAM	19.67	19.45	20.01	20.27	20.09	19.84	22.99	22.79	22.94		
70	1	1	256-QAM	17.25	17.09	16.73	16.81	16.76	17.01	20.05	19.94	19.88		
Limit	EIRP < 1W			Result									Pass	



Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	21.75	21.74	21.72	21.92	21.89	22.00	24.85	24.83	24.87	25.44	0.3499
80	1	215		21.67	21.70	21.93	21.61	21.58	21.53	24.65	24.65	24.74		
80	109	54		21.58	21.55	21.37	21.80	21.88	21.53	24.70	24.73	24.46		
80	1	0		19.84	19.82	19.50	19.87	19.72	19.97	22.87	22.78	22.75		
80	1	216		19.63	19.55	19.82	19.48	19.72	19.49	22.57	22.65	22.67		
80	217	0		18.90	19.22	19.15	19.26	19.11	19.07	22.09	22.18	22.12		
80	1	1	16-QAM	21.35	20.87	21.42	21.62	21.35	21.39	24.50	24.13	24.42	25.07	0.3214
80	1	1	64-QAM	19.87	19.73	19.35	20.05	19.71	19.63	22.97	22.73	22.50		
80	1	1	256-QAM	16.58	16.08	16.45	17.12	16.85	16.62	19.87	19.49	19.55		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	21.99	21.57	21.62	21.88	22.00	22.02	24.95	24.80	24.83	25.52	0.3565
90	1	243		21.67	21.39	21.85	21.83	21.43	21.52	24.76	24.42	24.70		
90	123	61		21.52	21.57	21.61	21.84	21.65	21.73	24.69	24.62	24.68		
90	1	0		19.87	19.55	19.86	19.99	19.98	19.98	22.94	22.78	22.93		
90	1	244		19.61	19.64	19.74	19.43	19.77	19.59	22.53	22.72	22.68		
90	245	0		19.21	18.89	19.17	19.28	19.32	19.15	22.26	22.12	22.17		
90	1	1	16-QAM	21.76	21.40	20.91	21.39	21.06	21.70	24.59	24.24	24.33	25.16	0.3281
90	1	1	64-QAM	19.89	20.07	20.22	19.75	19.89	20.18	22.83	22.99	23.21		
90	1	1	256-QAM	16.90	16.87	16.55	16.66	17.19	16.97	19.79	20.04	19.78		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 0.57 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	21.96	-	-	21.75	-	-	24.87	-	25.44	0.3499
100	1	271		-	21.70	-	-	21.65	-	-	24.69	-		
100	137	68		-	21.54	-	-	21.83	-	-	24.70	-		
100	1	0		-	19.91	-	-	19.92	-	-	22.93	-		
100	1	272		-	19.93	-	-	19.35	-	-	22.66	-		
100	273	0		-	19.22	-	-	19.18	-	-	22.21	-		
100	1	1	16-QAM	-	21.44	-	-	21.43	-	-	24.45	-	25.02	0.3177
100	1	1	64-QAM	-	19.68	-	-	19.79	-	-	22.75	-		
100	1	1	256-QAM	-	17.15	-	-	16.83	-	-	20.00	-		
Limit	EIRP < 1W			Result									Pass	



<TxD Mode>

NR n41 PC1.5 Maximum Average Power [dBm], DG = 2.24 dBi																
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
10	1	1	BPSK	25.68	25.77	25.62	25.56	25.66	25.25	28.63	28.73	28.45	30.97	1.2503		
10	1	22		25.65	25.65	25.63	25.59	25.55	25.27	28.63	28.61	28.46				
10	12	6		25.72	25.76	25.66	25.57	25.54	25.31	28.66	28.66	28.50				
10	1	1	QPSK	25.73	25.78	25.76	25.61	25.56	25.35	28.68	28.68	28.57			30.03	1.0069
10	1	22		25.75	25.59	25.66	25.54	25.68	25.43	28.66	28.65	28.56				
10	12	6		25.66	25.72	25.69	25.57	25.66	25.35	28.63	28.70	28.53				
10	1	1	16-QAM	24.73	24.65	24.76	24.73	24.54	24.18	27.74	27.61	27.49	30.03	1.0069		
10	1	22		24.85	24.62	24.73	24.71	24.69	24.05	27.79	27.67	27.41				
10	12	6		24.71	24.76	24.69	24.63	24.69	24.35	27.68	27.74	27.53				
Limit	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm], DG = 2.24 dBi																
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
15	1	1	BPSK	25.76	25.77	25.78	25.63	25.67	25.45	28.71	28.73	28.63	31.02	1.2647		
15	1	36		25.80	25.68	25.79	25.51	25.67	25.44	28.67	28.69	28.63				
15	18	9		25.82	25.78	25.82	25.63	25.60	25.55	28.74	28.70	28.70				
15	1	1	QPSK	25.81	25.80	25.75	25.63	25.73	25.62	28.73	28.78	28.70			29.98	0.9954
15	1	36		25.89	25.76	25.78	25.61	25.65	25.41	28.76	28.72	28.61				
15	18	9		25.80	25.75	25.73	25.56	25.61	25.53	28.69	28.69	28.64				
15	1	1	16-QAM	24.84	24.59	24.62	24.59	24.65	24.46	27.73	27.63	27.55				
15	1	36		24.82	24.75	24.85	24.48	24.57	24.60	27.66	27.67	27.74				
15	18	9		24.82	24.74	24.89	24.64	24.65	24.52	27.74	27.71	27.72				
Limit	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm], DG = 2.24 dBi																
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
20	1	1	BPSK	25.70	25.76	25.76	25.47	25.57	25.60	28.60	28.68	28.69	31.05	1.2735		
20	1	49		25.59	25.87	25.84	25.44	25.52	25.39	28.53	28.71	28.63				
20	25	12		25.71	25.73	25.75	25.41	25.68	25.46	28.57	28.72	28.62				
20	1	1	QPSK	25.65	25.79	25.68	25.53	25.81	25.36	28.60	28.81	28.53			30.01	1.0023
20	1	49		25.65	25.77	25.86	25.38	25.61	25.47	28.53	28.70	28.68				
20	25	12		25.73	25.75	25.81	25.45	25.64	25.50	28.60	28.71	28.67				
20	1	1	16-QAM	24.57	24.72	24.68	24.44	24.79	24.72	27.52	27.77	27.71	1.0023			
20	1	49		24.58	24.78	24.83	24.37	24.57	24.60	27.49	27.69	27.73				
20	25	12		24.68	24.76	24.76	24.44	24.67	24.42	27.57	27.73	27.60				
Limit	EIRP < 2W			Result									Pass			



NR n41 PC1.5 Maximum Average Power [dBm], DG = 2.24 dBi																
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
25	1	1	BPSK	25.69	25.62	25.71	25.65	25.67	25.37	28.68	28.66	28.55	30.97	1.2503		
25	1	63		25.76	25.73	25.71	25.44	25.53	25.43	28.61	28.64	28.58				
25	32	16		25.72	25.67	25.68	25.52	25.60	25.49	28.63	28.65	28.60				
25	1	1	QPSK	25.75	25.72	25.78	25.65	25.71	25.52	28.71	28.73	28.66				
25	1	63		25.78	25.69	25.74	25.48	25.55	25.60	28.64	28.63	28.68				
25	32	16		25.79	25.69	25.78	25.56	25.63	25.50	28.69	28.67	28.65				
25	1	1	16-QAM	24.55	24.68	24.53	24.65	24.28	24.19	27.61	27.49	27.37	29.99	0.9977		
25	1	63		24.42	24.83	24.39	24.30	24.65	24.54	27.37	27.75	27.48				
25	32	16		24.62	24.74	24.73	24.55	24.59	24.46	27.60	27.68	27.61				
25	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm], DG = 2.24 dBi																
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
30	1	1	BPSK	25.70	25.72	25.83	25.48	25.53	25.55	28.60	28.64	28.70	31.06	1.2764		
30	1	76		25.74	25.70	25.94	25.52	25.44	25.65	28.64	28.58	28.81				
30	36	18		25.78	25.69	25.89	25.51	25.60	25.66	28.66	28.66	28.79				
30	1	1	QPSK	25.94	25.71	25.84	25.57	25.61	25.70	28.77	28.67	28.78			30.04	1.0093
30	1	76		25.84	25.79	25.86	25.55	25.65	25.66	28.71	28.73	28.77				
30	36	18		25.80	25.74	25.88	25.60	25.61	25.73	28.71	28.69	28.82				
30	1	1	16-QAM	24.79	24.50	24.71	24.62	24.52	24.48	27.72	27.52	27.61	30.04	1.0093		
30	1	76		24.87	24.68	24.77	24.70	24.49	24.51	27.80	27.60	27.65				
30	36	18		24.77	24.75	24.84	24.58	24.54	24.73	27.69	27.66	27.80				
Limit	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm], DG = 2.24 dBi																
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
40	1	1	BPSK	25.65	25.71	25.80	25.41	25.68	25.51	28.54	28.71	28.67	31.09	1.2853		
40	1	104		25.64	25.81	25.77	25.48	25.47	25.57	28.57	28.65	28.68				
40	50	25		25.70	25.78	25.79	25.40	25.53	25.54	28.56	28.67	28.68				
40	1	1	QPSK	25.68	25.81	25.84	25.60	25.70	25.55	28.65	28.77	28.71			30.23	1.0544
40	1	104		25.67	25.85	25.88	25.53	25.62	25.79	28.61	28.75	28.85				
40	50	25		25.70	25.78	25.82	25.47	25.60	25.58	28.60	28.70	28.71				
40	1	1	16-QAM	24.59	24.56	25.16	24.62	24.59	24.68	27.62	27.59	27.94	30.23	1.0544		
40	1	104		24.54	24.78	25.15	23.98	24.65	24.80	27.28	27.73	27.99				
40	50	25		24.73	24.78	24.81	24.43	24.62	24.54	27.59	27.71	27.69				
Limit	EIRP < 2W			Result									Pass			



NR n41 PC1.5 Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	BPSK	25.75	25.83	25.86	25.77	25.54	25.56	28.77	28.70	28.72	31.08	1.2823
50	1	131		25.74	25.78	25.93	25.60	25.47	25.66	28.68	28.64	28.81		
50	64	32		25.79	25.75	25.88	25.53	25.61	25.64	28.67	28.69	28.77		
50	1	1	QPSK	25.74	25.85	25.84	25.69	25.67	25.50	28.73	28.77	28.68		
50	1	131		25.88	25.89	25.90	25.70	25.56	25.76	28.80	28.74	28.84		
50	64	32		25.84	25.78	25.87	25.52	25.62	25.66	28.69	28.71	28.78		
50	1	1	16-QAM	24.67	24.83	24.78	24.42	24.48	24.62	27.56	27.67	27.71	30.00	1.0000
50	1	131		24.74	24.75	24.81	24.61	24.47	24.68	27.69	27.62	27.76		
50	64	32		24.77	24.79	24.87	24.49	24.62	24.61	27.64	27.72	27.75		
Limit	EIRP < 2W			Result									Pass	

NR n41 PC1.5 Maximum Average Power [dBm], DG = 2.24 dBi																
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
60	1	1	BPSK	25.81	25.81	25.84	25.56	25.67	25.47	28.70	28.75	28.67	31.04	1.2706		
60	1	160		25.74	25.74	25.82	25.61	25.51	25.65	28.69	28.64	28.75				
60	81	40		25.72	25.79	25.74	25.41	25.59	25.57	28.58	28.70	28.67				
60	1	1	QPSK	25.74	25.79	25.87	25.61	25.76	25.58	28.69	28.79	28.74			30.07	1.0162
60	1	160		25.84	25.72	25.92	25.73	25.60	25.65	28.80	28.67	28.80				
60	81	40		25.71	25.79	25.74	25.44	25.61	25.55	28.59	28.71	28.66				
60	1	1	16-QAM	24.81	24.64	25.04	24.56	24.70	24.53	27.70	27.68	27.80	Pass			
60	1	160		24.85	24.42	24.94	24.79	24.73	24.49	27.83	27.59	27.73				
60	81	40		24.75	24.75	24.82	24.46	24.62	24.59	27.62	27.70	27.72				
Limit	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm], DG = 2.24 dBi																
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
70	1	1	BPSK	25.84	25.84	24.24	25.67	25.68	23.98	28.77	28.77	27.12	31.08	1.2823		
70	1	187		25.88	25.82	25.81	25.65	25.59	25.64	28.78	28.72	28.74				
70	90	45		25.79	25.79	25.74	25.55	25.59	25.44	28.68	28.70	28.60				
70	1	1	QPSK	25.86	25.95	25.81	25.62	25.68	25.54	28.75	28.83	28.69			30.22	1.0520
70	1	187		25.93	25.87	25.84	25.72	25.64	25.62	28.84	28.77	28.74				
70	90	45		25.81	25.80	25.73	25.55	25.61	25.42	28.69	28.72	28.59				
70	1	1	16-QAM	24.92	24.64	25.10	24.68	24.55	24.83	27.81	27.61	27.98				
70	1	187		25.01	24.50	24.43	24.72	24.61	24.09	27.88	27.57	27.27				
70	90	45		24.78	24.77	24.72	24.53	24.61	24.41	27.67	27.70	27.58				
Limit	EIRP < 2W			Result									Pass			



NR n41 PC1.5 Maximum Average Power [dBm], DG = 2.24 dBi																
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
80	1	1	BPSK	25.93	25.88	25.87	25.59	25.66	25.45	28.77	28.78	28.68	31.13	1.2972		
80	1	215		25.86	25.88	25.84	25.64	25.66	25.78	28.76	28.78	28.82				
80	108	54		25.70	25.76	25.76	25.43	25.59	25.53	28.58	28.69	28.66				
80	1	1	QPSK	25.90	25.91	25.93	25.68	25.71	25.57	28.80	28.82	28.76			30.12	1.0280
80	1	215		25.83	25.88	25.98	25.69	25.60	25.78	28.77	28.75	28.89				
80	108	54		25.71	25.77	25.79	25.42	25.60	25.50	28.58	28.70	28.66				
80	1	1	16-QAM	24.88	24.75	24.51	24.48	24.83	24.73	27.69	27.80	27.63	30.12	1.0280		
80	1	215		24.91	24.44	24.86	24.79	24.43	24.88	27.86	27.45	27.88				
80	108	54		24.66	24.75	24.79	24.43	24.57	24.49	27.56	27.67	27.65				
Limit	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm], DG = 2.24 dBi																
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
90	1	1	BPSK	25.84	23.56	25.51	25.73	22.38	25.28	28.80	26.02	28.41	31.17	1.3092		
90	1	243		25.92	25.89	25.95	25.67	25.68	25.76	28.81	28.80	28.87				
90	120	60		25.73	25.79	25.86	25.63	25.56	25.62	28.69	28.69	28.75				
90	1	1	QPSK	25.90	25.96	25.85	25.77	25.74	25.72	28.85	28.86	28.80			30.13	1.0304
90	1	243		25.98	25.92	25.98	25.74	25.70	25.85	28.87	28.82	28.93				
90	120	60		25.72	25.79	25.88	25.60	25.55	25.59	28.67	28.68	28.75				
90	1	1	16-QAM	24.82	24.71	24.94	24.60	24.50	24.61	27.72	27.62	27.79	30.13	1.0304		
90	1	243		24.96	24.71	25.05	24.79	24.45	24.67	27.89	27.59	27.87				
90	120	60		24.71	24.77	24.88	24.63	24.60	24.56	27.68	27.70	27.73				
Limit	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm], DG = 2.24 dBi																
BW	RB	RB	Mod	Antenna 2			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
100	1	1	BPSK	25.97	25.91	25.94	25.72	25.75	25.73	28.86	28.84	28.85	31.25	1.3335		
100	1	271		25.93	26.04	25.96	25.68	25.66	25.67	28.82	28.86	28.83				
100	135	67		25.69	25.78	25.79	25.49	25.54	25.43	28.60	28.67	28.62				
100	1	1	QPSK	25.94	25.90	25.98	25.77	25.75	25.75	28.87	28.84	28.88			30.24	1.0568
100	1	271		25.75	25.96	26.01	25.68	25.68	25.98	28.73	28.83	29.01				
100	135	67		25.70	25.76	25.77	25.50	25.63	25.47	28.61	28.71	28.63				
100	1	1	16-QAM	24.64	24.73	25.03	24.68	24.62	24.79	27.67	27.69	27.92	Pass			
100	1	271		24.71	24.81	25.07	24.56	24.54	24.90	27.65	27.69	28.00				
100	135	67		24.71	24.74	24.84	24.45	24.54	24.48	27.59	27.65	27.67				
Limit	EIRP < 2W			Result									Pass			



Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
10	1	1	BPSK	23.91	23.94	23.68	23.41	23.12	23.06	26.68	26.56	26.39	29.95	0.9886		
10	1	22		23.90	23.91	23.59	23.36	23.34	23.12	26.65	26.64	26.37				
10	12	6		23.93	23.95	23.74	23.39	23.45	23.10	26.68	26.72	26.44				
10	1	1	QPSK	23.85	24.00	23.77	23.41	23.13	23.21	26.65	26.60	26.51			29.96	0.9908
10	1	22		23.89	23.98	23.64	23.49	23.08	23.15	26.70	26.56	26.41				
10	12	6		23.95	23.94	23.74	23.45	23.26	23.13	26.72	26.62	26.46				
10	1	1	16-QAM	23.82	23.96	23.73	23.24	23.45	23.23	26.55	26.72	26.50	29.96	0.9908		
10	1	22		23.83	24.13	23.65	23.27	23.22	23.15	26.57	26.71	26.42				
10	12	6		23.97	23.91	23.78	23.46	23.37	23.09	26.73	26.66	26.46				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
15	1	1	BPSK	23.95	23.98	23.74	23.42	23.26	23.41	26.70	26.65	26.59	29.96	0.9908		
15	1	36		23.96	24.09	23.71	23.46	23.12	23.25	26.73	26.64	26.50				
15	18	9		23.94	24.01	23.82	23.47	23.29	23.36	26.72	26.68	26.61				
15	1	1	QPSK	23.87	23.97	23.83	23.40	23.32	23.34	26.65	26.67	26.60			29.96	0.9908
15	1	36		23.90	24.07	23.80	23.49	23.34	23.23	26.71	26.73	26.53				
15	18	9		23.89	24.02	23.88	23.48	23.20	23.27	26.70	26.64	26.60				
15	1	1	16-QAM	23.91	23.99	23.83	23.50	23.16	23.42	26.72	26.61	26.64	29.96	0.9908		
15	1	36		23.96	23.88	23.74	23.42	23.07	23.27	26.71	26.50	26.52				
15	18	9		23.91	24.07	23.83	23.51	23.34	23.30	26.72	26.73	26.58				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
20	1	1	BPSK	23.88	23.98	23.74	23.49	23.20	22.95	26.70	26.62	26.37	29.96	0.9908		
20	1	49		23.91	24.10	23.67	23.50	23.30	23.27	26.72	26.73	26.48				
20	25	12		23.87	24.00	23.80	23.48	23.30	23.21	26.69	26.67	26.53				
20	1	1	QPSK	23.97	24.00	23.75	23.46	23.05	23.21	26.73	26.56	26.50			29.96	0.9908
20	1	49		23.95	23.96	23.67	23.45	23.17	23.19	26.72	26.59	26.45				
20	25	12		23.90	24.00	23.80	23.48	23.35	23.26	26.71	26.70	26.55				
20	1	1	16-QAM	23.89	24.07	23.91	23.52	23.34	23.24	26.72	26.73	26.60	29.96	0.9908		
20	1	49		23.96	24.06	23.84	23.28	23.20	23.09	26.64	26.66	26.49				
20	25	12		23.90	23.97	23.85	23.49	23.44	23.28	26.71	26.72	26.58				
Limit	EIRP < 1W			Result									Pass			



Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	BPSK	23.97	24.11	23.73	23.46	23.02	23.20	26.73	26.61	26.48	29.96	0.9908
25	1	63		23.99	24.12	23.68	23.40	23.12	23.20	26.72	26.66	26.46		
25	32	16		23.93	24.06	23.75	23.45	23.33	23.24	26.71	26.72	26.51		
25	1	1	QPSK	23.91	24.05	23.72	23.51	23.25	23.19	26.72	26.68	26.47		
25	1	63		24.00	24.06	23.66	23.37	23.34	23.18	26.71	26.73	26.44		
25	32	16		23.87	24.00	23.78	23.49	23.30	23.21	26.69	26.67	26.51		
25	1	1	16-QAM	23.82	23.97	23.94	23.42	23.11	23.25	26.63	26.57	26.62	29.94	0.9863
25	1	63		23.83	24.12	23.49	23.28	23.19	22.98	26.57	26.69	26.25		
25	32	16		23.91	24.03	23.82	23.47	23.32	23.21	26.71	26.70	26.54		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
30	1	1	BPSK	23.92	24.01	23.88	23.43	23.10	23.11	26.69	26.59	26.52	29.96	0.9908		
30	1	76		23.99	24.13	23.74	23.41	23.27	23.27	26.72	26.73	26.52				
30	36	18		23.94	23.97	23.90	23.40	23.41	23.30	26.69	26.71	26.62				
30	1	1	QPSK	23.79	24.00	23.92	23.53	22.99	23.42	26.67	26.53	26.69			29.96	0.9908
30	1	76		23.91	24.10	23.79	23.50	23.21	23.15	26.72	26.69	26.49				
30	36	18		23.94	24.06	23.88	23.38	23.28	23.39	26.68	26.70	26.65				
30	1	1	16-QAM	23.93	23.75	23.57	23.49	23.13	23.33	26.73	26.46	26.46	29.96	0.9908		
30	1	76		23.88	24.26	23.54	23.50	23.08	23.05	26.70	26.72	26.31				
30	36	18		23.87	24.04	23.91	23.46	23.32	23.33	26.68	26.71	26.64				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
40	1	1	BPSK	23.94	23.92	23.74	23.48	23.17	23.18	26.73	26.57	26.48	29.96	0.9908		
40	1	104		23.92	24.08	23.60	23.49	23.02	23.22	26.72	26.59	26.42				
40	50	25		23.88	24.00	23.84	23.47	23.38	23.25	26.69	26.71	26.57				
40	1	1	QPSK	23.92	23.95	23.69	23.50	23.26	23.34	26.73	26.63	26.53			29.95	0.9886
40	1	104		24.07	23.99	23.67	23.27	23.41	22.98	26.70	26.72	26.35				
40	50	25		23.81	24.04	23.80	23.52	23.33	23.27	26.68	26.71	26.55				
40	1	1	16-QAM	23.75	23.49	23.57	23.50	23.04	23.20	26.64	26.28	26.40	29.95	0.9886		
40	1	104		23.76	23.58	23.59	23.62	23.20	23.19	26.70	26.40	26.40				
40	50	25		23.93	23.99	23.84	23.47	23.26	23.35	26.72	26.65	26.61				
Limit	EIRP < 1W			Result									Pass			



Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
50	1	1	BPSK	24.00	23.98	23.80	23.41	23.21	22.96	26.73	26.62	26.41	29.96	0.9908		
50	1	131		23.97	24.08	23.73	23.43	23.08	23.23	26.72	26.62	26.50				
50	64	32		23.93	24.04	23.92	23.40	23.33	23.35	26.68	26.71	26.65				
50	1	1	QPSK	23.95	23.88	23.97	23.48	23.32	23.12	26.73	26.62	26.58			29.95	0.9886
50	1	131		23.97	24.00	23.82	23.43	23.41	23.28	26.72	26.73	26.57				
50	64	32		23.95	24.03	23.90	23.41	23.29	23.33	26.70	26.69	26.63				
50	1	1	16-QAM	23.72	23.91	23.97	23.68	23.34	23.41	26.71	26.64	26.71	29.95	0.9886		
50	1	131		23.70	24.11	23.78	23.67	22.93	23.40	26.70	26.57	26.60				
50	64	32		23.97	24.01	23.88	23.44	23.35	23.38	26.72	26.70	26.65				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
60	1	1	BPSK	24.03	23.97	24.11	23.38	23.36	22.61	26.73	26.69	26.43	29.96	0.9908		
60	1	160		23.95	24.06	23.63	23.46	22.98	23.20	26.72	26.56	26.43				
60	81	40		23.97	24.01	23.76	23.42	23.30	23.12	26.71	26.68	26.46				
60	1	1	QPSK	23.84	24.07	23.64	23.58	23.27	23.14	26.72	26.70	26.41			29.96	0.9908
60	1	160		23.90	24.10	23.68	23.48	23.05	22.91	26.71	26.62	26.32				
60	81	40		23.92	24.03	23.84	23.44	23.33	23.07	26.70	26.70	26.48				
60	1	1	16-QAM	23.76	23.91	23.66	23.67	23.51	23.19	26.73	26.72	26.44	29.96	0.9908		
60	1	160		24.02	24.25	23.54	23.37	23.05	23.12	26.72	26.70	26.35				
60	81	40		23.90	24.00	23.79	23.46	23.31	23.25	26.70	26.68	26.54				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
70	1	1	BPSK	23.80	23.81	23.62	23.25	23.18	23.26	26.54	26.52	26.45	29.96	0.9908		
70	1	187		23.91	23.96	23.80	23.37	22.94	23.16	26.66	26.49	26.50				
70	90	45		23.83	23.91	23.69	23.25	23.11	23.07	26.56	26.54	26.40				
70	1	1	QPSK	23.93	23.95	23.90	23.47	23.23	22.92	26.72	26.62	26.45			29.96	0.9908
70	1	187		23.87	23.87	23.74	23.56	23.03	23.10	26.73	26.48	26.44				
70	90	45		23.81	23.90	23.69	23.24	23.21	23.02	26.54	26.58	26.38				
70	1	1	16-QAM	23.68	23.96	24.08	23.15	23.46	23.22	26.43	26.73	26.68	29.96	0.9908		
70	1	187		23.56	23.97	23.87	23.28	23.06	23.21	26.43	26.55	26.56				
70	90	45		23.83	23.92	23.64	23.24	23.25	23.10	26.56	26.61	26.39				
Limit	EIRP < 1W			Result									Pass			



Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
80	1	1	BPSK	23.99	24.00	23.91	23.44	23.38	23.08	26.73	26.71	26.53	29.96	0.9908		
80	1	215		23.98	24.06	23.66	23.41	23.00	23.17	26.71	26.57	26.43				
80	108	54		23.90	24.02	23.73	23.51	23.31	23.22	26.72	26.69	26.49				
80	1	1	QPSK	23.96	24.05	23.85	23.45	23.30	23.03	26.72	26.70	26.47			29.96	0.9908
80	1	215		23.93	24.02	23.61	23.42	23.07	23.25	26.69	26.58	26.44				
80	108	54		23.88	24.01	23.75	23.49	23.30	23.11	26.70	26.68	26.45				
80	1	1	16-QAM	23.96	24.00	23.71	23.45	23.43	23.10	26.72	26.73	26.43	29.96	0.9908		
80	1	215		23.77	24.19	23.84	23.34	23.14	23.48	26.57	26.71	26.67				
80	108	54		23.95	24.00	23.74	23.43	23.30	23.11	26.71	26.67	26.45				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
90	1	1	BPSK	23.95	24.02	24.11	23.45	23.40	23.20	26.72	26.73	26.69	29.96	0.9908		
90	1	243		23.96	24.05	23.86	23.43	23.14	23.03	26.71	26.63	26.48				
90	120	60		23.79	23.99	23.78	23.26	23.31	23.04	26.54	26.67	26.44				
90	1	1	QPSK	23.92	24.00	23.90	23.49	23.38	23.07	26.72	26.71	26.52			29.96	0.9908
90	1	243		23.90	24.09	23.70	23.47	23.21	23.00	26.70	26.68	26.37				
90	120	60		23.77	24.02	22.91	23.24	23.32	23.09	26.52	26.69	26.01				
90	1	1	16-QAM	23.84	23.80	23.90	23.59	23.49	23.23	26.73	26.66	26.59	29.96	0.9908		
90	1	243		23.98	23.88	24.05	23.40	22.94	23.20	26.71	26.45	26.66				
90	120	60		23.83	24.02	23.89	23.32	23.30	23.23	26.59	26.69	26.58				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
100	1	1	BPSK	23.95	23.98	24.10	23.47	23.40	23.08	26.73	26.71	26.63	29.96	0.9908		
100	1	271		24.01	24.02	23.99	23.38	23.07	23.44	26.72	26.58	26.73				
100	135	67		23.85	24.03	23.90	23.41	23.29	23.07	26.65	26.69	26.52				
100	1	1	QPSK	23.94	24.00	24.18	23.46	23.36	23.06	26.72	26.70	26.67			29.97	0.9931
100	1	271		23.83	23.95	23.90	23.56	23.15	23.52	26.71	26.58	26.72				
100	135	67		23.96	23.87	23.86	23.36	23.13	23.15	26.68	26.53	26.53				
100	1	1	16-QAM	24.00	23.98	23.99	23.44	23.31	23.44	26.74	26.67	26.73	29.97	0.9931		
100	1	271		23.95	23.89	23.84	23.48	23.03	23.27	26.73	26.49	26.57				
100	135	67		24.00	23.87	23.83	23.27	23.30	23.12	26.66	26.60	26.50				
Limit	EIRP < 1W			Result									Pass			



Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
10	1	1	BPSK	23.68	23.79	23.77	22.99	23.40	23.19	26.36	26.61	26.50	29.49	0.8892		
10	1	243		23.68	23.77	23.65	23.26	23.14	23.05	26.49	26.48	26.37				
10	120	60		23.74	23.91	23.81	23.34	23.38	23.31	26.55	26.66	26.58				
10	1	1	QPSK	23.64	23.91	23.71	23.31	23.26	23.51	26.49	26.61	26.62			29.48	0.8872
10	1	243		23.82	23.90	23.73	23.25	23.46	23.19	26.55	26.70	26.48				
10	120	60		23.72	23.96	23.78	23.34	23.44	23.33	26.54	26.72	26.57				
10	1	1	16-QAM	23.76	23.52	23.82	23.47	23.58	22.92	26.63	26.56	26.40	29.48	0.8872		
10	1	243		23.59	23.85	23.76	23.29	23.55	23.20	26.45	26.71	26.50				
10	120	60		23.69	23.77	23.76	23.30	23.38	23.22	26.51	26.59	26.51				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
15	1	1	BPSK	23.71	23.82	23.83	23.30	23.47	23.10	26.52	26.66	26.49	29.52	0.8954		
15	1	243		23.77	23.93	23.85	23.35	23.46	23.33	26.58	26.71	26.61				
15	120	60		23.74	23.86	23.91	23.67	23.32	23.41	26.72	26.61	26.68				
15	1	1	QPSK	23.74	23.71	23.91	23.37	23.45	23.18	26.57	26.59	26.57			29.59	0.9099
15	1	243		23.91	23.93	24.00	23.41	23.55	23.40	26.68	26.75	26.72				
15	120	60		23.75	23.91	23.97	23.42	23.40	23.48	26.60	26.67	26.74				
15	1	1	16-QAM	23.48	23.65	23.85	23.54	23.34	23.36	26.52	26.51	26.62	29.59	0.9099		
15	1	243		23.47	23.71	24.04	23.08	23.21	23.57	26.29	26.48	26.82				
15	120	60		23.86	23.87	23.87	23.54	23.38	23.46	26.71	26.64	26.68				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
20	1	1	BPSK	23.80	23.79	23.71	23.58	23.55	23.34	26.70	26.68	26.54	29.51	0.8933		
20	1	243		23.82	23.87	23.87	23.46	23.58	23.43	26.65	26.74	26.67				
20	120	60		23.86	23.82	23.85	23.48	23.39	23.41	26.68	26.62	26.65				
20	1	1	QPSK	23.91	23.80	23.80	23.51	23.41	23.30	26.72	26.62	26.57			29.45	0.8810
20	1	243		23.77	23.91	23.85	23.16	23.39	23.25	26.49	26.67	26.57				
20	120	60		23.81	23.88	23.86	23.52	23.37	23.37	26.68	26.64	26.63				
20	1	1	16-QAM	23.69	23.70	23.69	23.28	23.37	23.58	26.50	26.55	26.65	29.45	0.8810		
20	1	243		23.65	23.78	23.93	23.16	23.30	23.36	26.42	26.56	26.66				
20	120	60		23.77	23.82	23.88	23.56	23.37	23.43	26.68	26.61	26.67				
Limit	EIRP < 1W			Result									Pass			



Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	BPSK	23.81	23.79	23.78	23.47	23.46	23.31	26.65	26.64	26.56	29.54	0.8995
25	1	243		23.96	23.82	23.94	23.19	23.32	23.09	26.60	26.59	26.55		
25	120	60		23.92	23.92	23.87	23.59	23.38	23.32	26.77	26.67	26.61		
25	1	1	QPSK	23.84	23.74	23.85	23.43	23.51	23.30	26.65	26.64	26.59	29.50	0.8913
25	1	243		23.87	23.94	23.96	23.50	23.56	23.30	26.70	26.76	26.65		
25	120	60		23.91	23.94	23.87	23.52	23.45	23.25	26.73	26.71	26.58		
25	1	1	16-QAM	23.75	23.63	23.41	23.58	23.48	23.03	26.68	26.57	26.23	29.50	0.8913
25	1	243		23.77	23.67	23.77	23.36	23.46	23.59	26.58	26.58	26.69		
25	120	60		23.87	23.89	23.78	23.57	23.33	23.29	26.73	26.63	26.55		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	BPSK	23.67	23.83	24.11	23.36	23.20	23.38	26.53	26.54	26.77	29.54	0.8995
30	1	243		23.83	24.00	24.01	23.55	23.26	23.34	26.70	26.66	26.70		
30	120	60		23.76	23.93	23.96	23.44	23.38	23.41	26.61	26.67	26.70		
30	1	1	QPSK	23.67	23.79	23.99	23.22	23.42	23.35	26.46	26.62	26.69	29.50	0.8913
30	1	243		23.76	23.95	24.10	23.37	23.49	23.36	26.58	26.74	26.76		
30	120	60		23.76	23.91	23.94	23.45	23.37	23.41	26.62	26.66	26.69		
30	1	1	16-QAM	23.54	23.65	23.85	23.63	23.60	23.38	26.60	26.64	26.63	29.50	0.8913
30	1	243		23.70	23.71	23.70	23.18	23.59	23.23	26.46	26.66	26.48		
30	120	60		23.78	23.92	23.96	23.40	23.52	23.45	26.60	26.73	26.72		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	BPSK	23.78	23.83	21.62	23.53	23.27	21.16	26.67	26.57	24.41	29.56	0.9036
40	1	243		23.81	23.86	23.88	23.54	23.32	23.42	26.69	26.61	26.67		
40	120	60		23.84	23.91	23.85	23.50	23.45	23.42	26.68	26.70	26.65		
40	1	1	QPSK	23.74	23.85	23.88	23.59	23.33	23.52	26.68	26.61	26.71	29.65	0.9226
40	1	243		23.80	23.98	23.97	23.47	23.58	23.42	26.65	26.79	26.71		
40	120	60		23.83	23.91	23.88	23.50	23.44	23.39	26.68	26.69	26.65		
40	1	1	16-QAM	23.59	23.73	23.56	23.51	23.60	23.29	26.56	26.68	26.44	29.65	0.9226
40	1	243		23.56	23.96	23.72	23.41	23.77	23.31	26.50	26.88	26.53		
40	120	60		23.84	23.89	23.90	23.46	23.45	23.41	26.66	26.69	26.67		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
50	1	1	BPSK	23.75	23.81	23.95	23.48	23.39	23.42	26.63	26.62	26.70	29.52	0.8954		
50	1	243		23.82	23.90	23.94	23.35	23.42	23.35	26.60	26.68	26.67				
50	120	60		23.77	23.89	23.97	23.36	23.46	23.50	26.58	26.69	26.75				
50	1	1	QPSK	23.76	23.82	23.92	23.36	23.44	23.49	26.57	26.64	26.72			29.76	0.9462
50	1	243		23.89	23.85	23.88	23.43	23.47	23.42	26.68	26.67	26.67				
50	120	60		23.79	23.89	23.95	23.36	23.42	23.51	26.59	26.67	26.75				
50	1	1	16-QAM	24.25	23.52	23.84	23.70	23.60	23.09	26.99	26.57	26.49	29.76	0.9462		
50	1	243		23.75	23.81	24.04	23.07	23.58	23.78	26.43	26.71	26.92				
50	120	60		23.81	23.91	23.96	23.38	23.46	23.44	26.61	26.70	26.72				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
60	1	1	BPSK	23.79	22.96	23.82	23.43	22.75	23.35	26.62	25.87	26.60	29.53	0.8974		
60	1	243		23.93	23.78	23.96	23.45	23.43	23.38	26.71	26.62	26.69				
60	120	60		23.90	23.74	23.87	23.44	23.35	23.45	26.69	26.56	26.68				
60	1	1	QPSK	23.78	23.66	23.86	23.63	23.38	23.57	26.72	26.53	26.73			29.77	0.9484
60	1	243		23.95	23.74	23.87	23.53	23.35	23.60	26.76	26.56	26.75				
60	120	60		23.91	23.78	23.92	23.43	23.33	23.44	26.69	26.57	26.70				
60	1	1	16-QAM	24.04	23.84	23.62	23.54	23.37	23.00	26.81	26.62	26.33	29.77	0.9484		
60	1	243		24.16	23.48	24.04	23.71	23.06	23.93	26.95	26.29	27.00				
60	120	60		23.89	23.79	23.91	23.45	23.37	23.47	26.69	26.60	26.71				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
70	1	1	BPSK	23.72	23.81	23.81	23.31	23.43	23.33	26.53	26.63	26.59	29.51	0.8933		
70	1	243		23.89	23.92	23.96	23.50	23.53	23.45	26.71	26.74	26.72				
70	120	60		23.68	23.88	23.82	23.31	23.44	23.36	26.51	26.68	26.61				
70	1	1	QPSK	23.64	23.85	23.90	23.33	23.55	23.44	26.50	26.71	26.69			29.84	0.9638
70	1	243		23.87	23.95	23.92	23.49	23.47	23.44	26.69	26.73	26.70				
70	120	60		23.74	23.87	23.83	23.29	23.46	23.40	26.53	26.68	26.63				
70	1	1	16-QAM	23.59	23.85	23.91	23.15	23.63	23.48	26.39	26.75	26.71	29.84	0.9638		
70	1	243		24.22	24.08	24.11	23.90	23.34	23.12	27.07	26.74	26.65				
70	120	60		23.66	23.90	23.81	23.30	23.43	23.38	26.49	26.68	26.61				
Limit	EIRP < 1W			Result									Pass			



Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
80	1	1	BPSK	23.81	23.84	23.85	23.38	23.38	23.47	26.61	26.63	26.67	29.58	0.9078		
80	1	243		23.88	23.93	23.99	23.28	23.51	23.46	26.60	26.74	26.74				
80	120	60		23.79	23.92	23.90	23.38	23.40	23.42	26.60	26.68	26.68				
80	1	1	QPSK	23.87	23.91	23.96	23.45	23.60	23.63	26.68	26.77	26.81			29.47	0.8851
80	1	243		23.84	23.98	24.03	23.47	23.26	23.54	26.67	26.65	26.80				
80	120	60		23.73	23.92	23.85	23.41	23.42	23.45	26.58	26.69	26.66				
80	1	1	16-QAM	23.70	23.54	23.78	23.39	23.55	23.59	26.56	26.56	26.70	29.47	0.8851		
80	1	243		23.78	23.75	23.82	23.31	23.36	23.53	26.56	26.57	26.69				
80	120	60		23.75	23.92	23.91	23.42	23.37	23.46	26.60	26.66	26.70				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
90	1	1	BPSK	23.79	24.02	24.00	23.39	23.73	23.47	26.60	26.89	26.75	29.66	0.9247		
90	1	243		23.97	24.07	23.96	23.32	23.47	23.36	26.67	26.79	26.68				
90	120	60		23.66	23.89	23.99	23.30	23.44	23.48	26.49	26.68	26.75				
90	1	1	QPSK	23.82	23.97	23.91	23.42	23.70	23.65	26.63	26.85	26.79			29.76	0.9462
90	1	243		23.98	24.09	24.00	23.46	23.51	23.52	26.74	26.82	26.78				
90	120	60		23.65	23.90	23.98	23.36	23.42	23.52	26.52	26.68	26.77				
90	1	1	16-QAM	23.74	23.73	24.23	23.23	23.46	23.72	26.50	26.61	26.99	29.76	0.9462		
90	1	243		23.79	24.01	23.94	23.36	23.54	23.08	26.59	26.79	26.54				
90	120	60		23.66	23.90	23.96	23.29	23.43	23.51	26.49	26.68	26.75				
Limit	EIRP < 1W			Result									Pass			

Part270 NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
100	1	1	BPSK	-	24.14	-	-	23.56	-	-	26.87	-	29.85	0.9661		
100	1	243		-	24.37	-	-	23.74	-	-	27.08	-				
100	120	60		-	23.82	-	-	23.23	-	-	26.55	-				
100	1	1	QPSK	-	23.91	-	-	23.69	-	-	26.81	-			29.71	0.9354
100	1	243		-	24.05	-	-	23.17	-	-	26.64	-				
100	120	60		-	23.84	-	-	23.45	-	-	26.66	-				
100	1	1	16-QAM	-	24.06	-	-	23.79	-	-	26.94	-	29.71	0.9354		
100	1	243		-	24.10	-	-	23.71	-	-	26.92	-				
100	120	60		-	23.94	-	-	23.24	-	-	26.61	-				
Limit	EIRP < 1W			Result									Pass			



Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
10	1	1	BPSK	23.75	23.69	23.70	23.63	23.52	23.41	26.70	26.62	26.57	29.95	0.9886		
10	1	22		23.74	23.67	23.84	23.66	23.46	23.37	26.71	26.58	26.62				
10	12	6		23.58	23.73	23.85	23.84	23.49	23.40	26.72	26.62	26.64				
10	1	1	QPSK	23.72	23.61	23.73	23.64	23.48	23.52	26.69	26.56	26.64			29.96	0.9908
10	1	22		23.68	23.65	23.78	23.70	23.51	23.62	26.70	26.59	26.71				
10	12	6		23.70	23.62	23.81	23.72	23.44	23.55	26.72	26.54	26.69				
10	1	1	16-QAM	23.65	23.51	24.18	23.68	23.30	23.20	26.68	26.42	26.73	29.96	0.9908		
10	1	22		23.55	23.53	24.10	23.69	23.65	23.28	26.63	26.60	26.72				
10	12	6		23.62	23.73	23.86	23.77	23.63	23.51	26.71	26.69	26.70				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
15	1	1	BPSK	23.72	23.64	23.74	23.69	23.66	23.31	26.72	26.66	26.54	29.96	0.9908		
15	1	36		23.78	23.70	23.70	23.65	23.47	23.03	26.73	26.60	26.39				
15	18	9		23.62	23.73	23.85	23.75	23.62	23.52	26.70	26.69	26.70				
15	1	1	QPSK	23.91	23.75	23.83	23.47	23.43	23.21	26.71	26.60	26.54			29.94	0.9863
15	1	36		23.71	23.54	23.77	23.70	23.63	23.14	26.72	26.60	26.48				
15	18	9		23.75	23.68	23.83	23.60	23.54	23.35	26.69	26.62	26.61				
15	1	1	16-QAM	23.65	23.49	23.77	23.50	23.43	23.63	26.59	26.47	26.71	29.94	0.9863		
15	1	36		23.52	23.61	23.55	23.88	23.61	23.37	26.71	26.62	26.47				
15	18	9		23.66	23.77	23.76	23.70	23.60	23.29	26.69	26.70	26.54				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
20	1	1	BPSK	23.80	23.70	23.70	23.57	23.54	23.40	26.70	26.63	26.56	29.96	0.9908		
20	1	49		23.62	23.80	23.83	23.81	23.24	23.26	26.73	26.54	26.56				
20	25	12		23.73	23.69	23.73	23.61	23.67	23.45	26.68	26.69	26.60				
20	1	1	QPSK	23.69	23.67	23.67	23.62	23.64	23.14	26.67	26.67	26.42			29.94	0.9863
20	1	49		23.72	23.66	23.71	23.70	23.71	23.21	26.72	26.70	26.48				
20	25	12		23.65	23.72	23.66	23.64	23.60	23.38	26.66	26.67	26.53				
20	1	1	16-QAM	23.72	23.69	23.77	23.68	23.58	23.37	26.71	26.65	26.58	29.94	0.9863		
20	1	49		23.63	23.79	23.93	23.69	23.36	22.98	26.67	26.59	26.49				
20	25	12		23.72	23.74	23.79	23.65	23.61	23.47	26.70	26.69	26.64				
Limit	EIRP < 1W			Result									Pass			



Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
25	1	1	BPSK	23.73	23.67	23.61	23.70	23.31	23.22	26.73	26.50	26.43	29.96	0.9908		
25	1	63		23.70	23.62	23.82	23.67	23.69	23.10	26.70	26.67	26.49				
25	32	16		23.68	23.77	23.73	23.65	23.59	23.33	26.68	26.69	26.54				
25	1	1	QPSK	23.72	23.76	23.57	23.67	23.65	23.53	26.71	26.72	26.56			29.95	0.9886
25	1	63		23.76	23.48	23.70	23.58	23.36	22.85	26.68	26.43	26.31				
25	32	16		23.67	23.60	23.71	23.65	23.78	23.33	26.67	26.70	26.53				
25	1	1	16-QAM	23.49	23.62	23.21	23.90	23.80	23.29	26.71	26.72	26.26	29.95	0.9886		
25	1	63		23.28	23.49	23.83	24.01	23.82	23.26	26.67	26.67	26.56				
25	32	16		23.70	23.73	23.72	23.68	23.66	23.47	26.70	26.71	26.61				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
30	1	1	BPSK	23.73	23.66	23.72	23.70	23.74	23.52	26.73	26.71	26.63	29.96	0.9908		
30	1	76		23.61	23.72	23.70	23.67	23.63	23.74	26.65	26.69	26.73				
30	36	18		23.62	23.77	23.81	23.79	23.55	23.59	26.72	26.67	26.71				
30	1	1	QPSK	23.72	23.65	23.70	23.70	23.72	23.50	26.72	26.70	26.61			29.95	0.9886
30	1	76		23.64	23.68	23.94	23.59	23.65	23.47	26.63	26.68	26.72				
30	36	18		23.70	23.65	23.85	23.68	23.61	23.53	26.70	26.64	26.70				
30	1	1	16-QAM	23.50	23.64	23.69	23.63	23.60	23.72	26.58	26.63	26.72	29.95	0.9886		
30	1	76		23.37	23.60	23.90	23.53	23.44	23.22	26.46	26.53	26.58				
30	36	18		23.74	23.69	23.88	23.68	23.65	23.52	26.72	26.68	26.71				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
40	1	1	BPSK	23.68	23.56	23.75	23.71	23.64	23.67	26.71	26.61	26.72	29.95	0.9886		
40	1	104		23.69	23.72	23.81	23.53	23.63	23.51	26.62	26.69	26.67				
40	50	25		23.60	23.70	23.82	23.58	23.62	23.41	26.60	26.67	26.63				
40	1	1	QPSK	23.72	23.71	23.69	23.70	23.68	23.66	26.72	26.71	26.69			29.96	0.9908
40	1	104		23.69	23.66	23.83	23.65	23.72	23.48	26.68	26.70	26.67				
40	50	25		23.67	23.70	23.72	23.62	23.65	23.47	26.66	26.69	26.61				
40	1	1	16-QAM	24.02	23.43	23.71	23.40	23.62	23.58	26.73	26.54	26.66	29.96	0.9908		
40	1	104		24.00	23.51	23.82	23.38	23.35	23.30	26.71	26.44	26.58				
40	50	25		23.66	23.49	23.70	23.69	23.43	23.46	26.69	26.47	26.59				
Limit	EIRP < 1W			Result									Pass			



Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
50	1	1	BPSK	23.70	23.69	23.66	23.68	23.72	23.70	26.70	26.72	26.69	29.96	0.9908		
50	1	131		23.64	23.71	23.72	23.54	23.53	23.33	26.60	26.63	26.54				
50	64	32		23.77	23.68	23.70	23.63	23.70	23.37	26.71	26.70	26.55				
50	1	1	QPSK	23.72	23.68	23.69	23.70	23.75	23.70	26.72	26.73	26.71			29.94	0.9863
50	1	131		23.66	23.58	23.67	23.61	23.46	23.25	26.65	26.53	26.48				
50	64	32		23.67	23.64	23.68	23.71	23.69	23.29	26.70	26.68	26.50				
50	1	1	16-QAM	23.68	23.51	23.61	23.64	23.56	23.65	26.67	26.55	26.64	29.94	0.9863		
50	1	131		23.29	23.35	23.75	23.56	23.42	23.35	26.44	26.40	26.56				
50	64	32		23.65	23.70	23.68	23.71	23.69	23.44	26.69	26.71	26.57				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
60	1	1	BPSK	23.65	23.70	23.75	23.68	23.70	23.55	26.68	26.71	26.66	29.95	0.9886		
60	1	160		23.53	23.78	23.96	23.72	23.44	23.14	26.64	26.62	26.58				
60	81	40		23.62	23.74	23.72	23.66	23.64	23.52	26.65	26.70	26.63				
60	1	1	QPSK	23.70	23.72	23.70	23.67	23.70	23.66	26.70	26.72	26.69			29.96	0.9908
60	1	160		23.71	23.81	23.85	23.60	23.55	23.20	26.67	26.69	26.55				
60	81	40		23.69	23.71	23.71	23.64	23.68	23.53	26.68	26.71	26.63				
60	1	1	16-QAM	23.73	23.72	23.69	23.70	23.70	23.68	26.73	26.72	26.70	29.96	0.9908		
60	1	160		23.72	23.97	23.97	23.64	23.33	22.99	26.69	26.67	26.52				
60	81	40		23.69	23.72	23.65	23.68	23.64	23.54	26.70	26.69	26.61				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
70	1	1	BPSK	23.66	23.71	23.65	23.68	23.68	23.64	26.68	26.71	26.66	29.96	0.9908		
70	1	187		23.70	23.85	23.73	23.51	23.34	23.43	26.62	26.61	26.59				
70	90	45		23.67	23.70	23.63	23.64	23.66	23.65	26.67	26.69	26.65				
70	1	1	QPSK	23.68	23.73	23.67	23.70	23.70	23.66	26.70	26.73	26.68			29.95	0.9886
70	1	187		23.74	23.78	23.90	23.56	23.56	23.36	26.66	26.68	26.65				
70	90	45		23.66	23.72	23.68	23.67	23.66	23.64	26.68	26.70	26.67				
70	1	1	16-QAM	23.83	23.71	23.51	23.54	23.70	23.74	26.70	26.72	26.64	29.95	0.9886		
70	1	187		23.44	23.89	23.78	23.39	23.21	23.57	26.43	26.57	26.69				
70	90	45		23.65	23.76	23.67	23.66	23.63	23.66	26.67	26.71	26.68				
Limit	EIRP < 1W			Result									Pass			



Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
80	1	1	BPSK	23.71	23.69	23.72	23.68	23.67	23.70	26.71	26.69	26.72	29.95	0.9886		
80	1	215		23.60	23.73	23.94	23.60	23.57	23.43	26.61	26.66	26.70				
80	108	54		23.58	23.71	23.70	23.57	23.54	23.66	26.59	26.64	26.69				
80	1	1	QPSK	23.70	23.68	23.71	23.67	23.66	23.69	26.70	26.68	26.71			29.96	0.9908
80	1	215		23.75	23.74	23.89	23.42	23.49	23.46	26.60	26.63	26.69				
80	108	54		23.55	23.62	23.75	23.51	23.59	23.56	26.54	26.62	26.67				
80	1	1	16-QAM	23.73	23.70	23.69	23.70	23.69	23.67	26.73	26.71	26.69	29.96	0.9908		
80	1	215		23.42	23.63	23.51	23.23	23.59	22.80	26.34	26.62	26.18				
80	108	54		23.65	23.64	23.70	23.56	23.61	23.60	26.62	26.64	26.66				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
90	1	1	BPSK	23.74	23.68	23.70	23.63	23.73	23.64	26.70	26.72	26.68	29.96	0.9908		
90	1	243		23.73	23.65	23.71	23.43	23.47	23.54	26.59	26.57	26.64				
90	120	60		23.49	23.78	23.83	23.34	23.27	23.25	26.43	26.54	26.56				
90	1	1	QPSK	23.69	23.73	23.67	23.72	23.70	23.70	26.72	26.73	26.70			29.94	0.9863
90	1	243		23.68	23.74	23.84	23.35	23.41	23.46	26.53	26.59	26.66				
90	120	60		23.62	23.60	23.65	23.32	23.52	23.60	26.48	26.57	26.64				
90	1	1	16-QAM	23.68	23.69	23.67	23.65	23.70	23.69	26.68	26.71	26.69	29.94	0.9863		
90	1	243		23.86	23.82	23.68	23.36	23.51	23.61	26.63	26.68	26.66				
90	120	60		23.61	23.73	23.62	23.42	23.48	23.61	26.53	26.62	26.63				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n77 PC1.5 Maximum Average Power [dBm], DG = 3.23 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
100	1	1	BPSK	-	23.72	-	-	23.71	-	-	26.73	-	29.97	0.9931		
100	1	271		-	23.68	-	-	23.56	-	-	26.63	-				
100	135	67		-	23.63	-	-	23.54	-	-	26.60	-				
100	1	1	QPSK	-	23.73	-	-	23.72	-	-	26.74	-			29.93	0.9840
100	1	271		-	23.70	-	-	23.58	-	-	26.65	-				
100	135	67		-	23.65	-	-	23.56	-	-	26.62	-				
100	1	1	16-QAM	-	23.69	-	-	23.68	-	-	26.70	-				
100	1	271		-	23.70	-	-	23.64	-	-	26.68	-				
100	135	67		-	23.76	-	-	23.52	-	-	26.65	-				
Limit	EIRP < 1W			Result									Pass			



Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
10	1	1	BPSK	23.66	23.52	23.52	23.57	23.53	23.85	26.63	26.54	26.70	29.50	0.8913		
10	1	243		23.69	23.46	23.50	23.57	23.42	23.30	26.64	26.45	26.41				
10	120	60		23.72	23.52	23.56	23.62	23.70	23.57	26.68	26.62	26.58				
10	1	1	QPSK	23.62	23.48	23.57	23.82	23.28	23.60	26.73	26.39	26.60			29.49	0.8892
10	1	243		23.46	23.50	23.53	23.57	23.37	23.34	26.53	26.45	26.45				
10	120	60		23.66	23.53	23.64	23.64	23.61	23.39	26.66	26.58	26.53				
10	1	1	16-QAM	23.49	23.67	23.61	23.49	23.44	23.56	26.50	26.57	26.60	29.49	0.8892		
10	1	243		23.67	23.29	23.47	23.74	23.33	23.41	26.72	26.32	26.45				
10	120	60		23.75	23.45	23.50	23.67	23.41	23.57	26.72	26.44	26.55				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
15	1	1	BPSK	23.70	23.49	23.50	23.59	23.53	23.45	26.66	26.52	26.49	29.54	0.8995		
15	1	243		23.64	23.55	23.59	23.60	23.48	23.43	26.63	26.53	26.52				
15	120	60		23.63	23.55	23.53	23.73	23.57	23.52	26.69	26.57	26.54				
15	1	1	QPSK	23.87	23.49	23.60	23.65	23.49	23.24	26.77	26.50	26.43			29.60	0.9120
15	1	243		23.61	23.44	23.53	23.90	23.61	23.38	26.77	26.54	26.47				
15	120	60		23.63	23.58	23.52	23.84	23.70	23.48	26.75	26.65	26.51				
15	1	1	16-QAM	23.52	23.64	23.18	23.64	23.80	23.18	26.59	26.73	26.19	29.60	0.9120		
15	1	243		23.49	23.59	23.31	23.77	24.04	23.04	26.64	26.83	26.19				
15	120	60		23.53	23.51	23.55	23.73	23.60	23.59	26.64	26.57	26.58				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
20	1	1	BPSK	23.70	23.62	23.40	23.64	23.30	23.31	26.68	26.47	26.37	29.58	0.9078		
20	1	243		23.68	23.52	23.54	23.68	23.62	23.34	26.69	26.58	26.45				
20	120	60		23.73	23.61	23.56	23.82	23.55	23.45	26.79	26.59	26.52				
20	1	1	QPSK	23.78	23.49	23.61	23.81	23.57	23.43	26.81	26.54	26.53			29.57	0.9057
20	1	243		23.65	23.45	23.55	23.52	23.62	23.51	26.60	26.55	26.54				
20	120	60		23.71	23.51	23.48	23.85	23.63	23.41	26.79	26.58	26.46				
20	1	1	16-QAM	23.84	23.14	23.48	23.62	23.30	23.49	26.74	26.23	26.50	29.57	0.9057		
20	1	243		23.66	23.33	23.40	23.91	23.29	23.35	26.80	26.32	26.39				
20	120	60		23.73	23.50	23.49	23.85	23.63	23.42	26.80	26.58	26.47				
Limit	EIRP < 1W			Result									Pass			



Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
25	1	1	BPSK	23.81	23.47	23.44	23.87	23.62	23.30	26.85	26.56	26.38	29.69	0.9311		
25	1	243		23.67	23.49	23.45	23.68	23.76	23.22	26.69	26.64	26.35				
25	120	60		23.81	23.57	23.48	23.91	23.67	23.42	26.87	26.63	26.46				
25	1	1	QPSK	23.82	23.55	23.41	23.91	23.68	23.26	26.88	26.63	26.35			29.68	0.9290
25	1	243		23.65	23.47	23.57	24.15	23.46	23.18	26.92	26.48	26.39				
25	120	60		23.76	23.57	23.46	23.93	23.61	23.37	26.86	26.60	26.43				
25	1	1	16-QAM	23.62	23.35	23.40	23.64	23.47	23.30	26.64	26.42	26.36	29.68	0.9290		
25	1	243		23.53	23.73	23.29	24.19	23.31	23.02	26.88	26.54	26.17				
25	120	60		23.84	23.61	23.47	23.95	23.64	23.35	26.91	26.64	26.42				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
30	1	1	BPSK	23.69	23.42	23.48	23.60	23.43	23.60	26.66	26.44	26.55	29.51	0.8933		
30	1	243		23.47	23.43	23.67	23.56	23.53	23.53	26.53	26.49	26.61				
30	120	60		23.67	23.58	23.54	23.78	23.61	23.56	26.74	26.61	26.56				
30	1	1	QPSK	23.80	23.60	23.63	23.46	23.80	23.50	26.64	26.71	26.58			29.52	0.8954
30	1	243		23.39	23.52	23.73	23.62	23.56	23.52	26.52	26.55	26.64				
30	120	60		23.64	23.55	23.59	23.73	23.62	23.53	26.70	26.60	26.57				
30	1	1	16-QAM	23.50	23.34	23.71	23.32	23.49	23.77	26.42	26.43	26.75	29.52	0.8954		
30	1	243		23.44	23.14	23.83	23.37	23.65	23.55	26.42	26.41	26.70				
30	120	60		23.63	23.53	23.63	23.72	23.56	23.49	26.69	26.56	26.57				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
40	1	1	BPSK	23.77	23.70	23.46	23.67	23.51	23.53	26.73	26.62	26.51	29.62	0.9162		
40	1	243		23.53	23.43	23.54	23.57	23.46	23.23	26.56	26.46	26.40				
40	120	60		23.75	23.55	23.52	23.80	23.61	23.40	26.79	26.59	26.47				
40	1	1	QPSK	23.95	23.56	23.47	23.72	23.64	23.57	26.85	26.61	26.53			29.64	0.9204
40	1	243		23.54	23.51	23.51	23.62	23.39	23.35	26.59	26.46	26.44				
40	120	60		23.73	23.56	23.51	23.79	23.57	23.42	26.77	26.58	26.48				
40	1	1	16-QAM	23.85	23.44	23.22	23.86	23.23	23.23	26.87	26.35	26.24	29.64	0.9204		
40	1	243		23.41	23.09	23.35	23.84	22.96	23.32	26.64	26.04	26.35				
40	120	60		23.78	23.54	23.53	23.81	23.59	23.41	26.81	26.58	26.48				
Limit	EIRP < 1W			Result									Pass			



Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
50	1	1	BPSK	23.74	23.62	23.49	23.58	23.75	23.50	26.67	26.70	26.51	29.47	0.8851		
50	1	243		23.49	23.47	23.51	23.62	23.37	23.27	26.57	26.43	26.40				
50	120	60		23.55	23.59	23.43	23.66	23.60	23.35	26.62	26.61	26.40				
50	1	1	QPSK	23.74	23.55	23.45	23.64	23.61	23.33	26.70	26.59	26.40			29.65	0.9226
50	1	243		23.43	23.40	23.57	23.51	23.46	23.22	26.48	26.44	26.41				
50	120	60		23.58	23.59	23.44	23.64	23.57	23.37	26.62	26.59	26.42				
50	1	1	16-QAM	24.08	23.84	23.53	23.64	23.48	23.53	26.88	26.67	26.54	29.65	0.9226		
50	1	243		23.62	23.67	23.37	23.30	23.55	23.23	26.47	26.62	26.31				
50	120	60		23.56	23.60	23.43	23.64	23.59	23.37	26.61	26.61	26.41				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
60	1	1	BPSK	23.69	23.59	23.55	23.49	23.58	23.57	26.60	26.60	26.57	29.51	0.8933		
60	1	243		23.36	23.43	23.42	23.53	23.33	23.31	26.46	26.39	26.38				
60	120	60		23.48	23.39	23.43	23.65	23.56	23.40	26.58	26.49	26.43				
60	1	1	QPSK	23.64	23.63	23.41	23.63	23.83	23.49	26.65	26.74	26.46			29.47	0.8851
60	1	243		23.43	23.49	23.49	23.48	23.29	23.32	26.47	26.40	26.42				
60	120	60		23.44	23.43	23.41	23.63	23.57	23.40	26.55	26.51	26.42				
60	1	1	16-QAM	23.67	23.57	23.46	23.65	23.66	23.40	26.67	26.63	26.44	29.47	0.8851		
60	1	243		23.70	23.70	23.52	23.68	23.46	23.28	26.70	26.59	26.41				
60	120	60		23.43	23.53	23.40	23.61	23.54	23.47	26.53	26.55	26.45				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
70	1	1	BPSK	23.73	23.61	23.50	23.80	23.67	23.82	26.78	26.65	26.67	29.55	0.9016		
70	1	243		23.44	23.40	23.57	23.38	23.32	23.19	26.42	26.37	26.39				
70	120	60		23.38	23.45	23.57	23.49	23.49	23.59	26.45	26.48	26.59				
70	1	1	QPSK	23.72	23.64	23.55	23.81	23.73	23.70	26.78	26.70	26.64			29.64	0.9204
70	1	243		23.38	23.52	23.53	23.55	23.29	23.26	26.48	26.42	26.41				
70	120	60		23.31	23.42	23.45	23.51	23.46	23.61	26.42	26.45	26.54				
70	1	1	16-QAM	23.65	23.68	23.48	23.26	24.04	23.51	26.47	26.87	26.51	29.64	0.9204		
70	1	243		23.33	23.80	23.42	22.99	23.07	23.41	26.17	26.46	26.43				
70	120	60		23.42	23.55	23.48	23.52	23.58	23.65	26.48	26.58	26.58				
Limit	EIRP < 1W			Result									Pass			



Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
80	1	1	BPSK	24.04	23.63	23.64	23.63	23.57	23.88	26.85	26.61	26.77	29.62	0.9162		
80	1	243		23.54	23.46	23.59	23.25	23.45	23.43	26.41	26.47	26.52				
80	120	60		23.39	23.41	23.45	23.54	23.51	23.53	26.48	26.47	26.50				
80	1	1	QPSK	23.71	23.73	23.74	23.73	23.74	23.65	26.73	26.75	26.71			29.76	0.9462
80	1	243		23.55	23.49	23.55	23.53	23.47	23.32	26.55	26.49	26.45				
80	120	60		23.46	23.47	23.45	23.51	23.54	23.56	26.50	26.52	26.52				
80	1	1	16-QAM	24.03	23.91	23.67	23.84	24.04	23.86	26.95	26.99	26.78	29.76	0.9462		
80	1	243		23.86	23.48	23.59	23.66	23.47	23.19	26.77	26.49	26.40				
80	120	60		23.39	23.44	23.45	23.51	23.60	23.59	26.46	26.53	26.53				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
90	1	1	BPSK	23.84	23.84	22.87	23.58	23.81	22.93	26.72	26.84	25.91	29.76	0.9462		
90	1	243		23.49	23.56	23.78	23.24	23.33	23.39	26.38	26.46	26.60				
90	120	60		23.42	23.46	23.67	23.35	23.49	23.70	26.40	26.49	26.70				
90	1	1	QPSK	23.81	23.79	23.86	23.86	24.03	24.09	26.85	26.92	26.99			29.82	0.9594
90	1	243		23.43	23.54	23.76	23.57	23.38	23.51	26.51	26.47	26.65				
90	120	60		23.42	23.44	23.66	23.37	23.56	23.71	26.41	26.51	26.70				
90	1	1	16-QAM	23.75	24.09	23.87	23.78	23.99	24.18	26.78	27.05	27.04	29.82	0.9594		
90	1	243		23.38	23.65	23.77	23.51	23.28	23.57	26.46	26.48	26.68				
90	120	60		23.40	23.46	23.63	23.42	23.50	23.71	26.42	26.49	26.68				
Limit	EIRP < 1W			Result									Pass			

Part27Q NR n78 PC1.5 Maximum Average Power [dBm], DG = 2.77 dBi																
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
100	1	1	BPSK	-	23.92	-	-	23.43	-	-	26.69	-	29.56	0.9036		
100	1	243		-	23.73	-	-	23.44	-	-	26.60	-				
100	120	60		-	23.56	-	-	23.61	-	-	26.60	-				
100	1	1	QPSK	-	23.95	-	-	23.60	-	-	26.79	-			29.66	0.9247
100	1	243		-	23.78	-	-	23.39	-	-	26.60	-				
100	120	60		-	23.61	-	-	23.59	-	-	26.61	-				
100	1	1	16-QAM	-	23.89	-	-	23.87	-	-	26.89	-				
100	1	243		-	23.53	-	-	23.46	-	-	26.51	-				
100	120	60		-	23.56	-	-	23.65	-	-	26.62	-				
Limit	EIRP < 1W			Result									Pass			



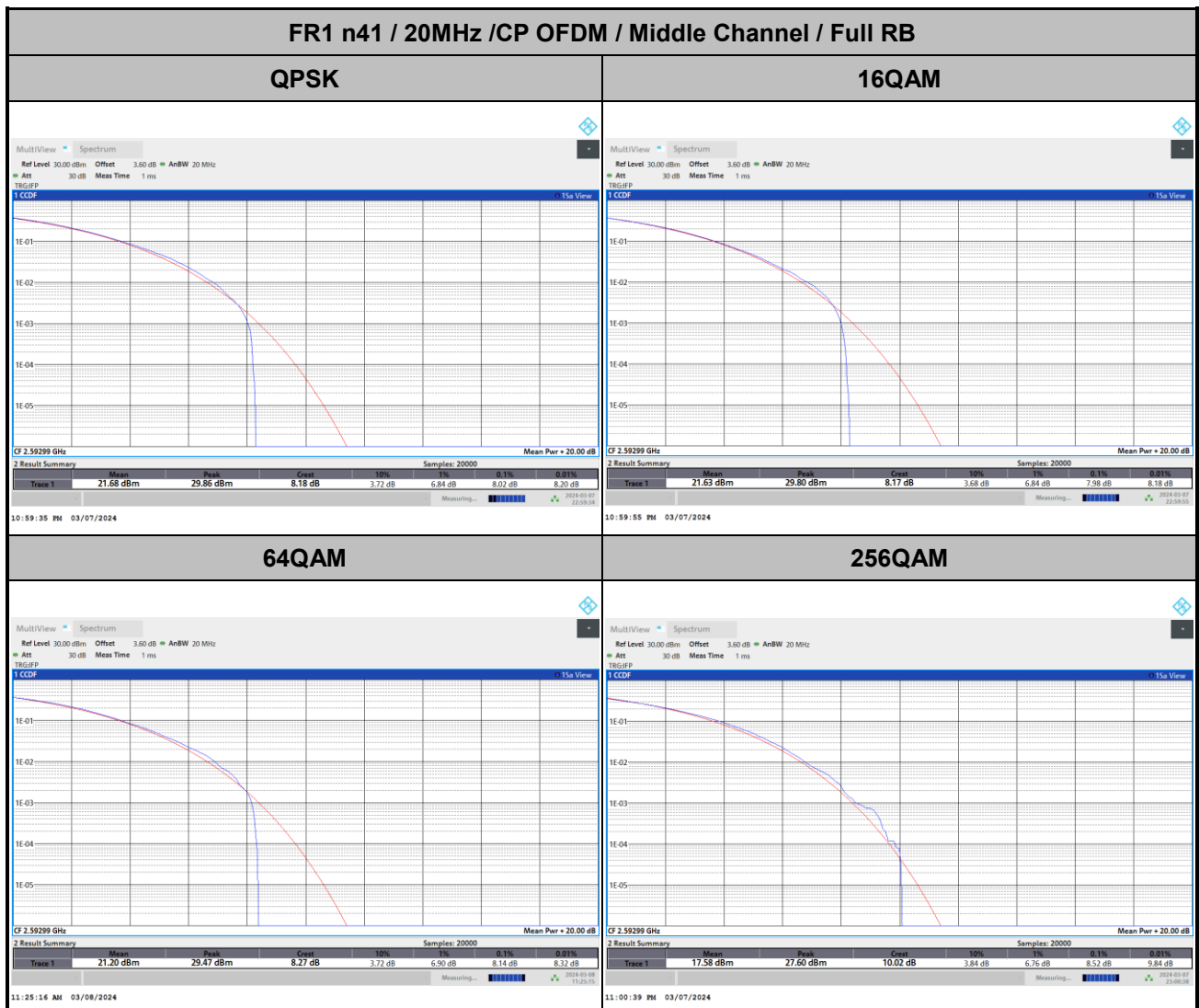
<MIMO Mode>

FR1 n41

MIMO <Ant. 2>

Peak-to-Average Ratio

Mode	FR1 n41 / 20MHz / CP OFDM				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	8.02	7.98	8.14	8.52	PASS



**26dB Bandwidth**

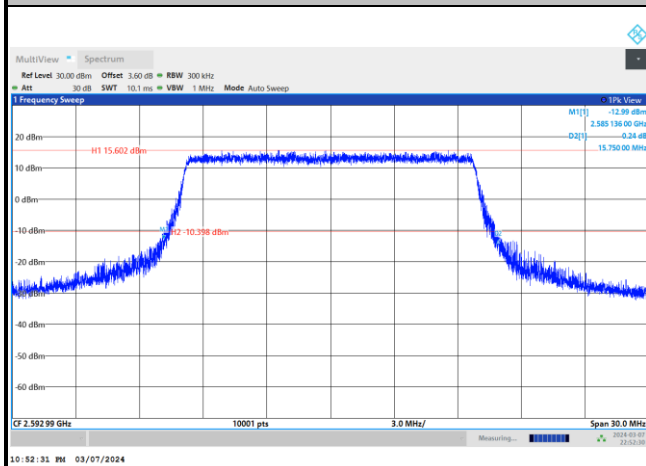
Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.52	10.67	15.75	15.55	20.54	20.68	25.78	25.84
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	10.40	10.23	15.56	15.69	20.49	20.44	25.40	25.53
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	31.57	31.09	42.85	42.62	51.88	51.81	67.04	68.69
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	31.21	30.90	42.87	42.06	52.45	51.91	66.47	67.16
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	76.23	76.79	84.34	84.42	96.93	96.55	106.64	106.90
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	77.31	76.30	85.47	85.63	96.44	97.25	107.44	105.80



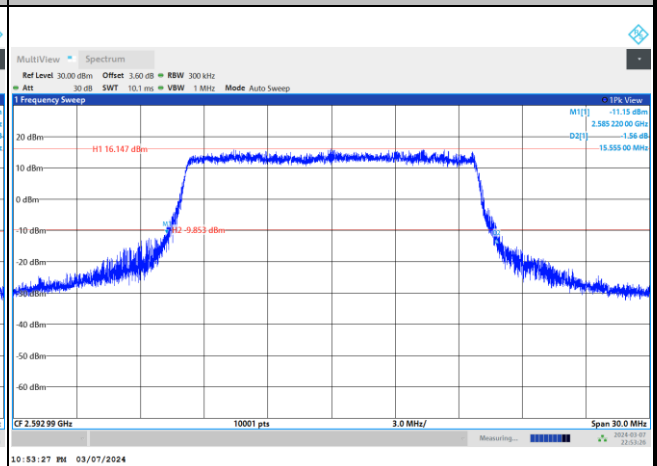


FR1 n41 / 15MHz / CP OFDM / Middle Channel / Full RB

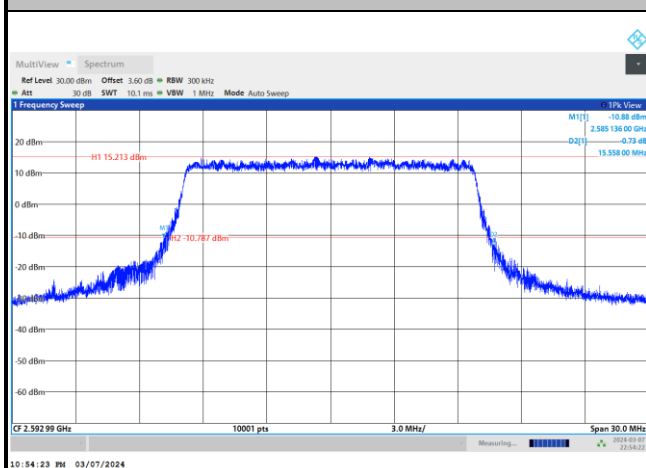
QPSK



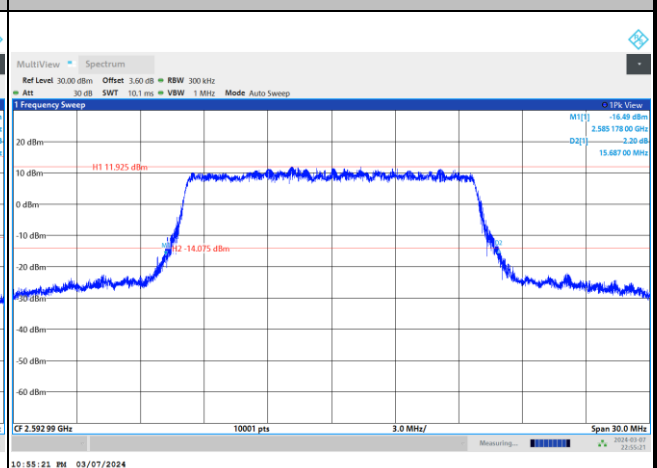
16QAM



64QAM



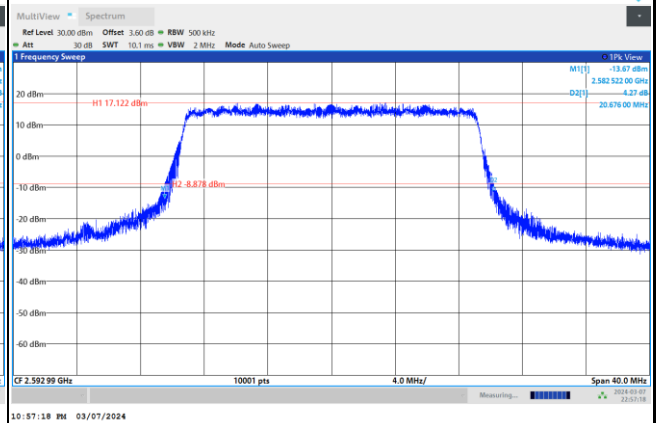
256QAM



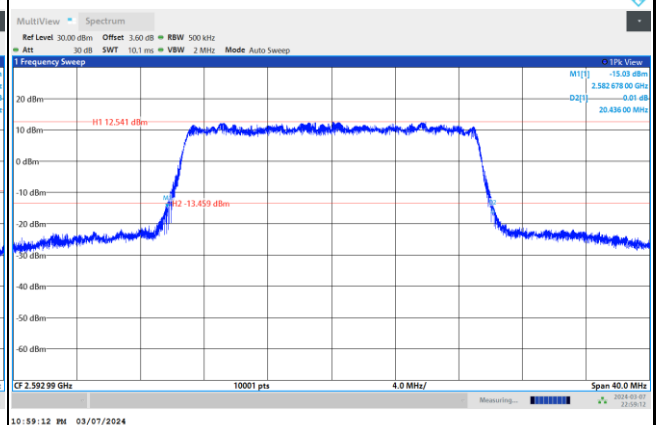


FR1 n41 / 20MHz / CP OFDM / Middle Channel / Full RB

16QAM



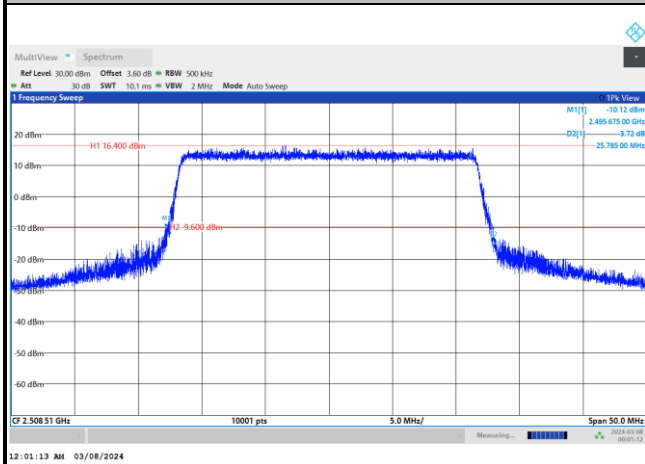
256QAM



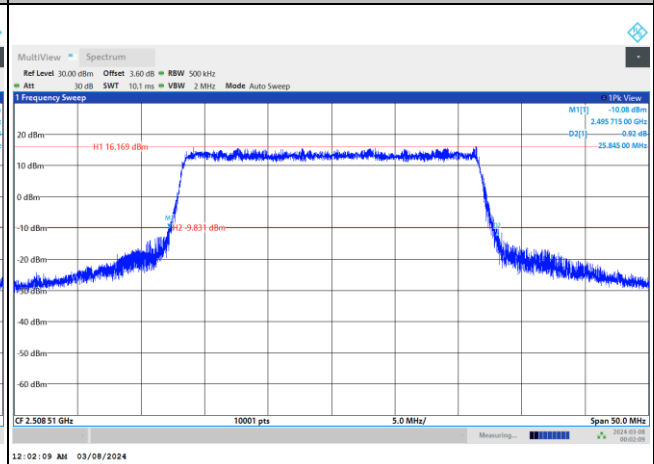


FR1 n41 / 25MHz / CP OFDM / Middle Channel / Full RB

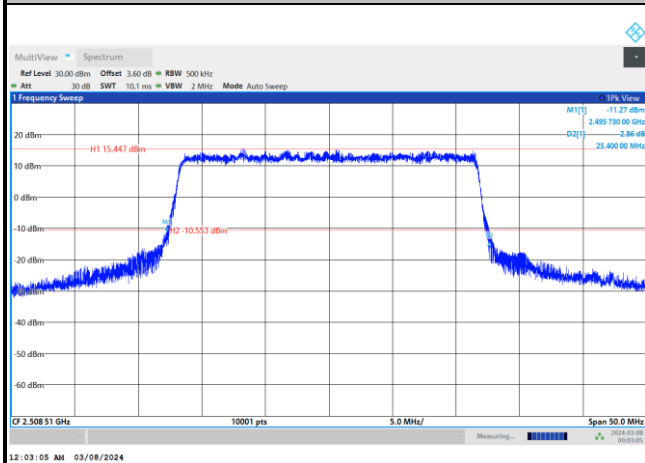
QPSK



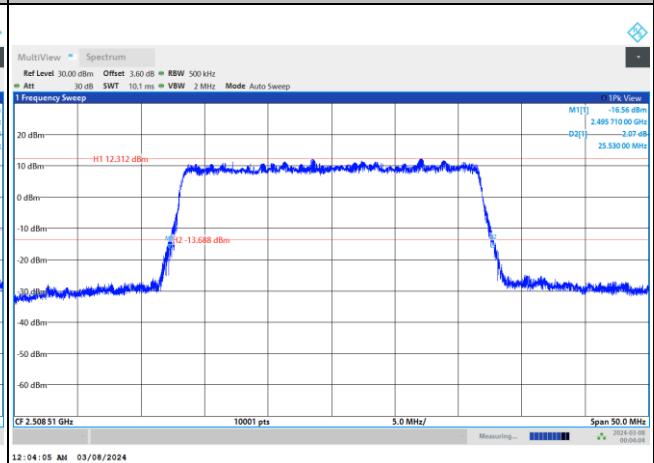
16QAM



64QAM



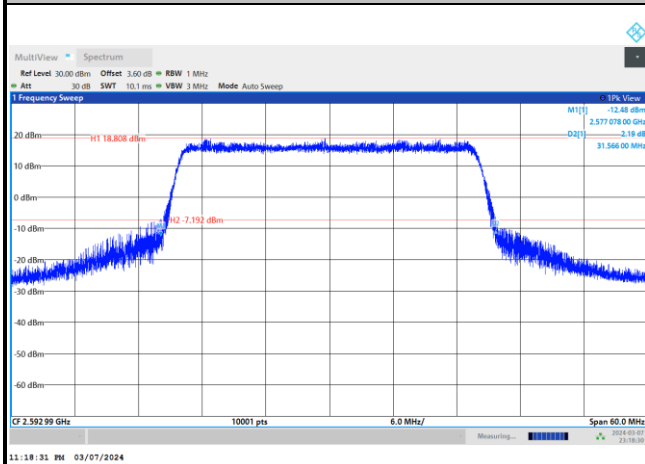
256QAM



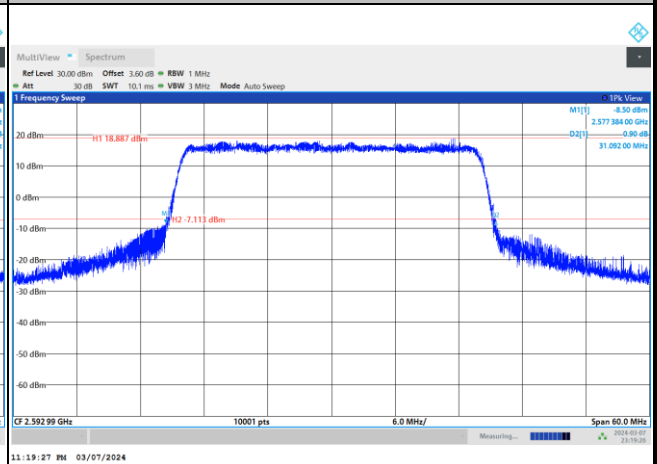


FR1 n41 / 30MHz / CP OFDM / Middle Channel / Full RB

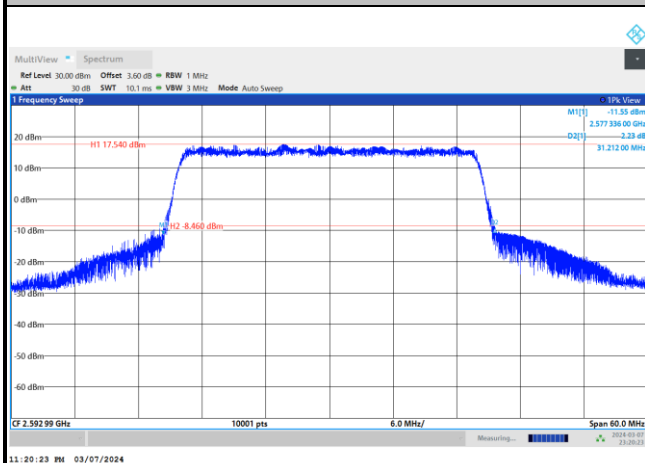
QPSK



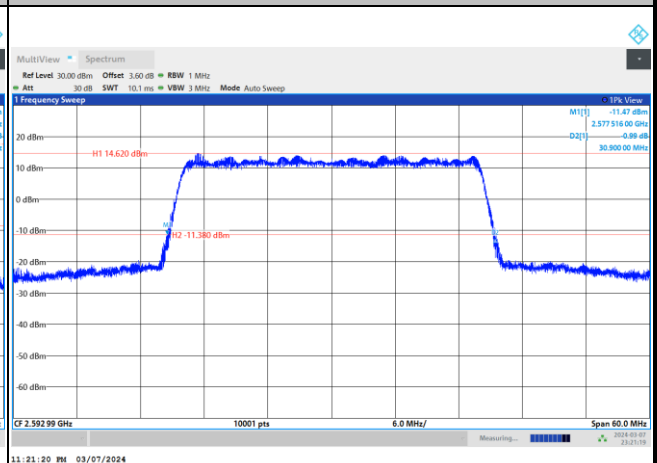
16QAM



64QAM



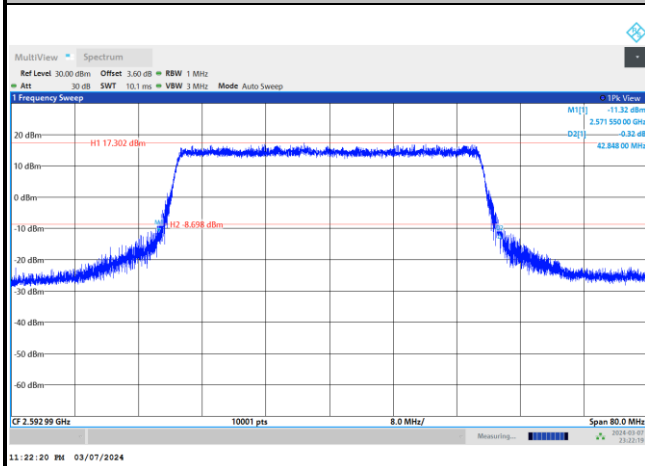
256QAM



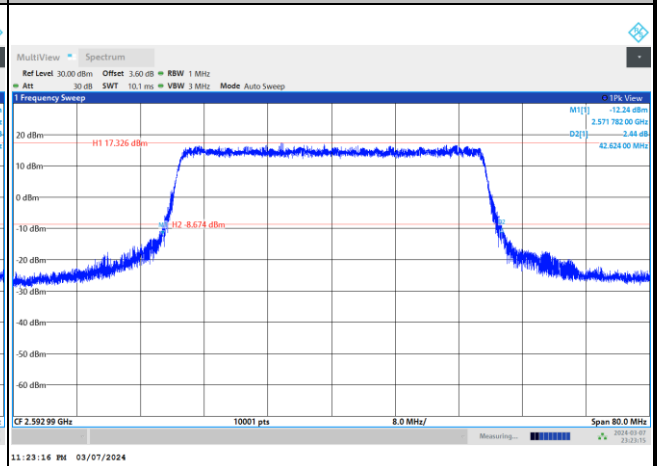


FR1 n41 / 40MHz / CP OFDM / Middle Channel / Full RB

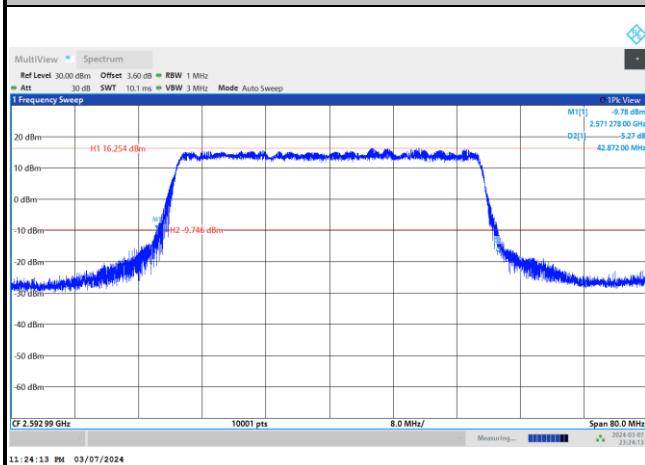
QPSK



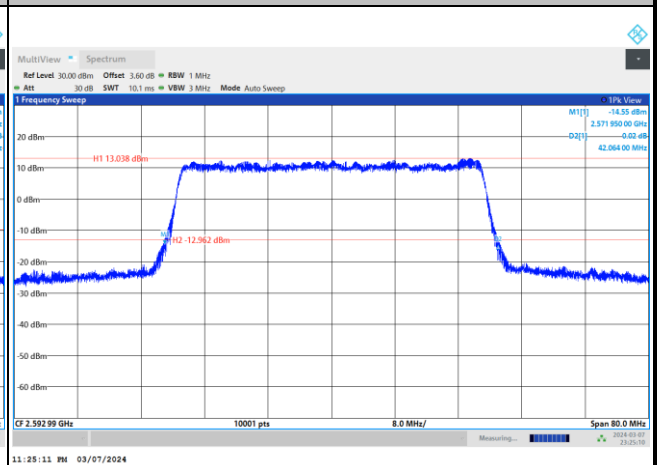
16QAM

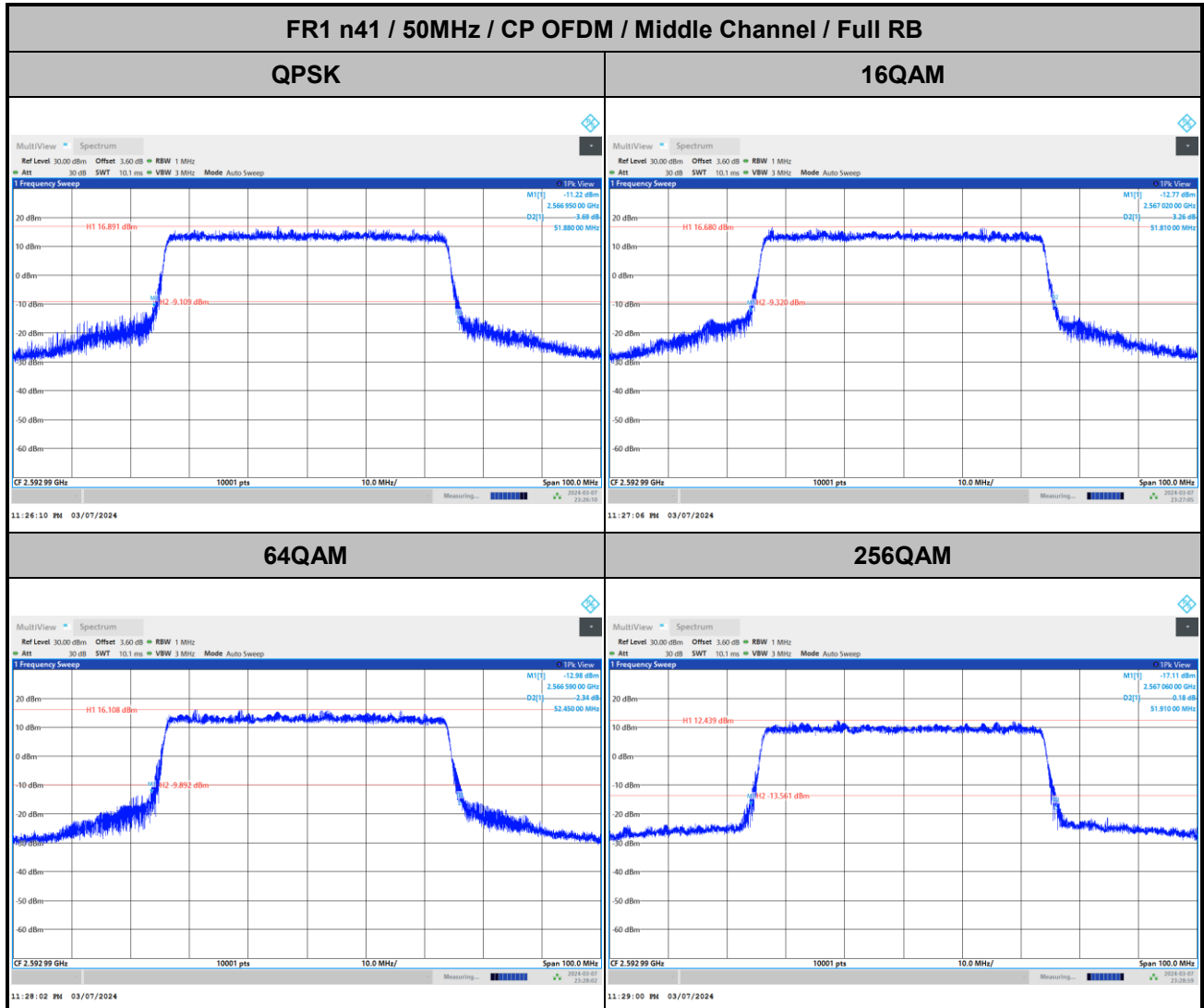


64QAM



256QAM

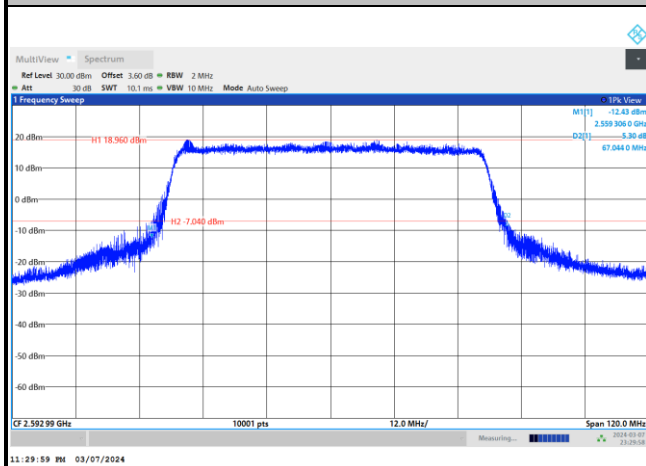




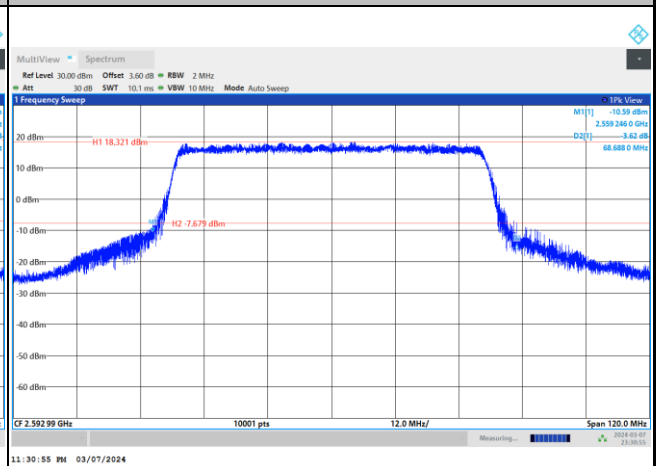


FR1 n41 / 60MHz / CP OFDM / Middle Channel / Full RB

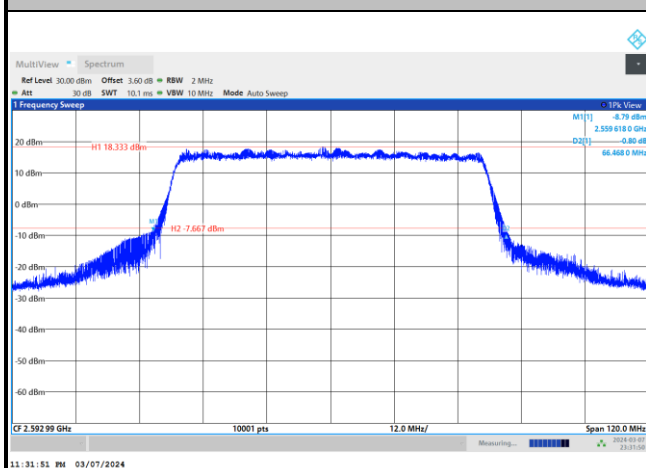
QPSK



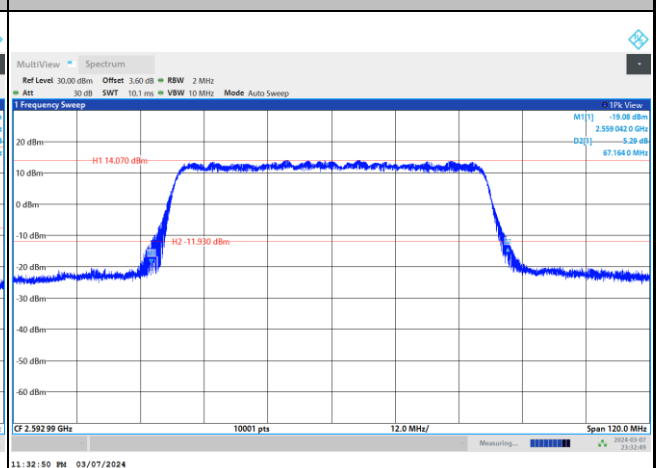
16QAM



64QAM



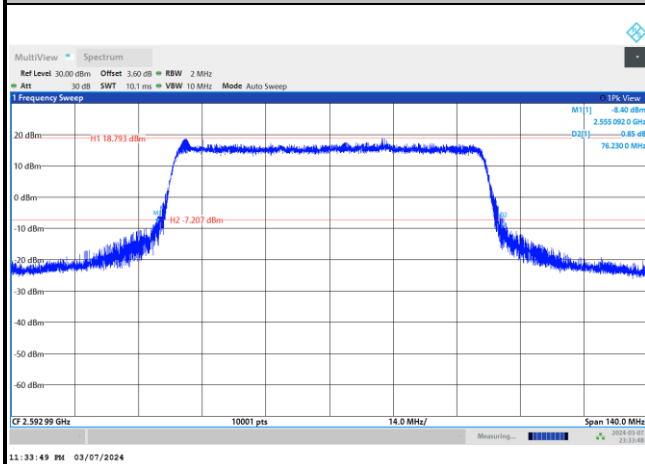
256QAM



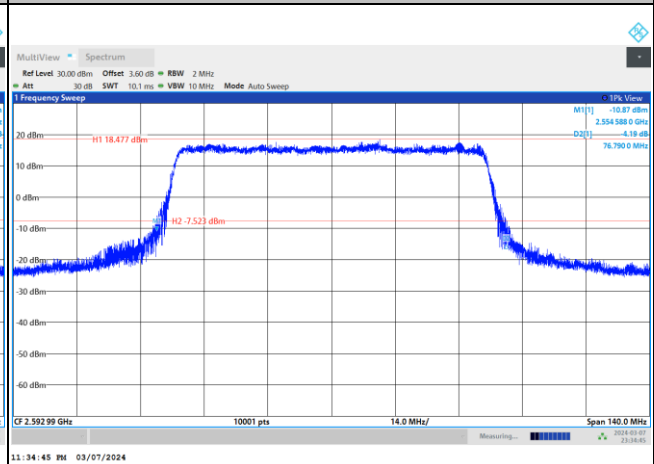


FR1 n41 / 70MHz / CP OFDM / Middle Channel / Full RB

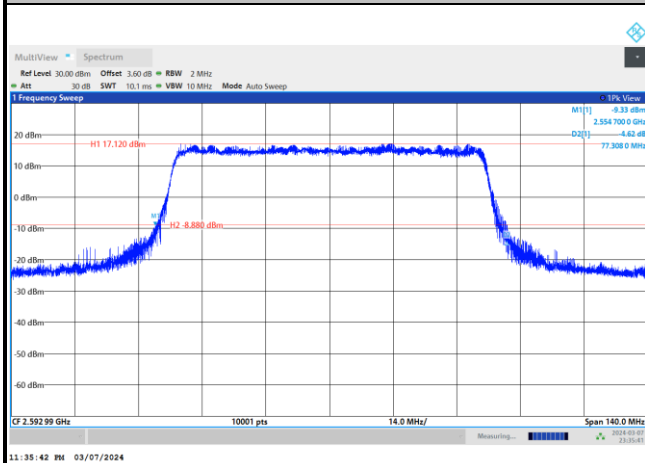
QPSK



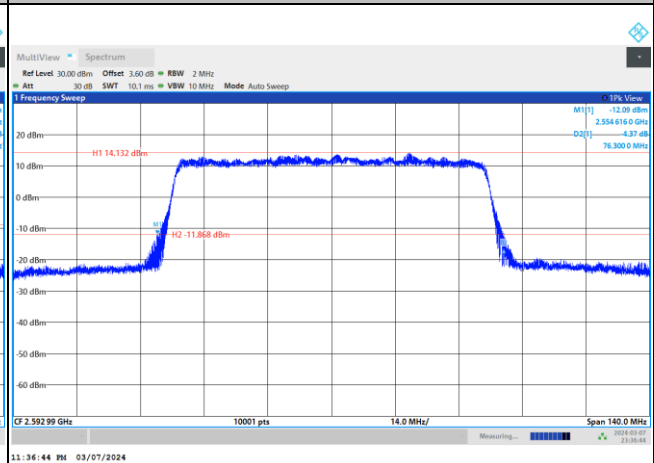
16QAM



64QAM



256QAM

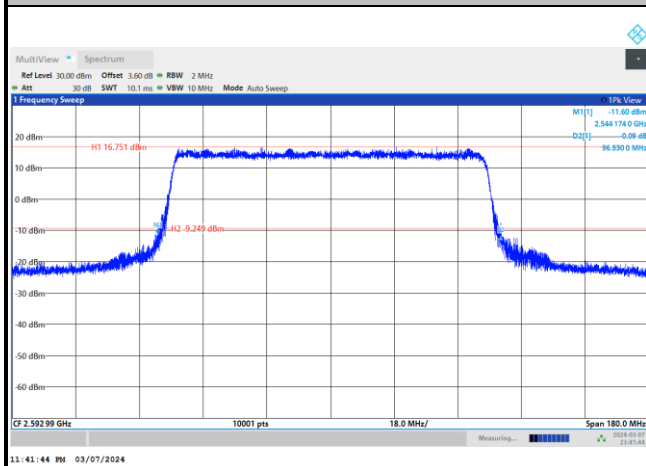




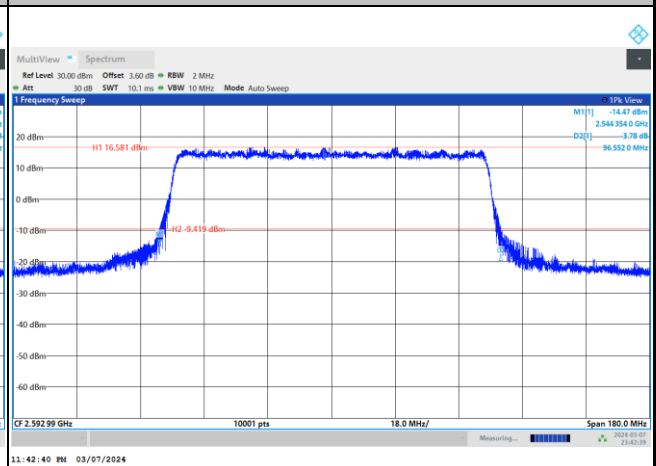


FR1 n41 / 90MHz / CP OFDM / Middle Channel / Full RB

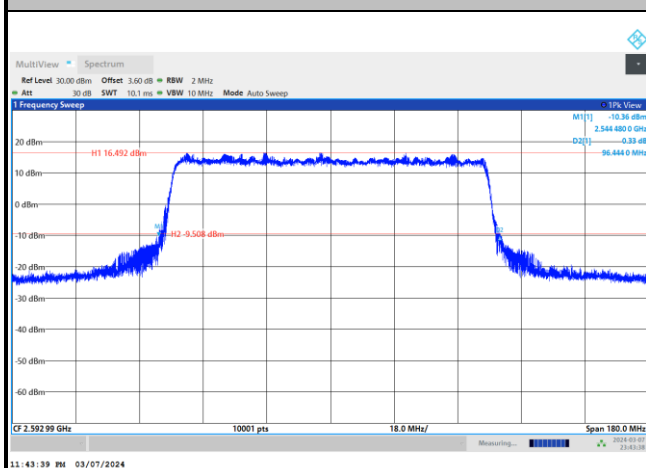
QPSK



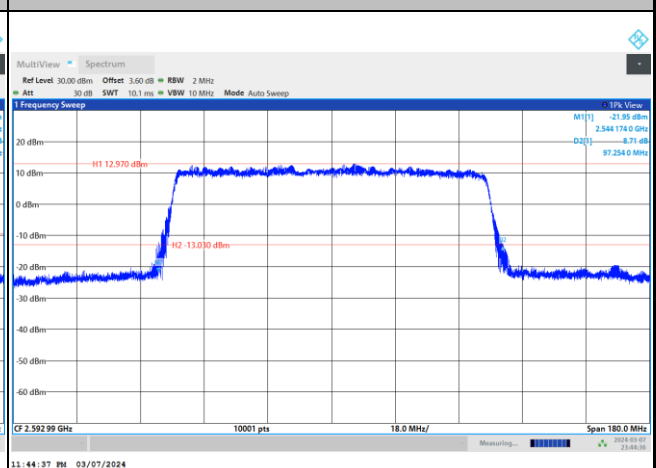
16QAM



64QAM



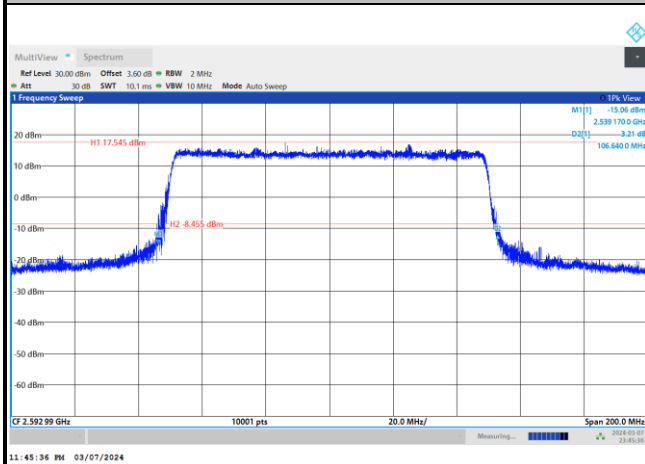
256QAM



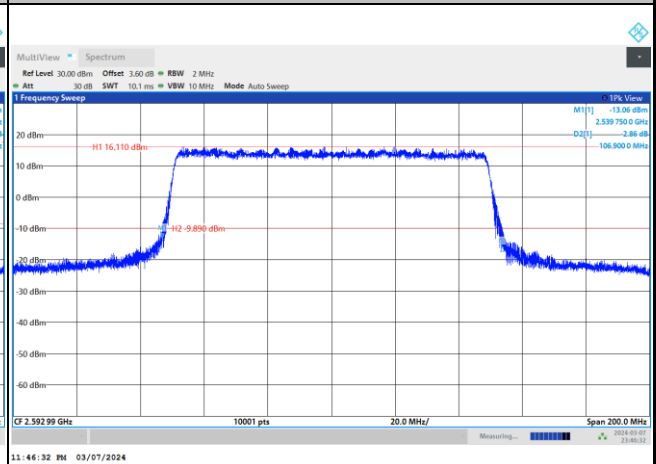


FR1 n41 / 100MHz / CP OFDM / Middle Channel / Full RB

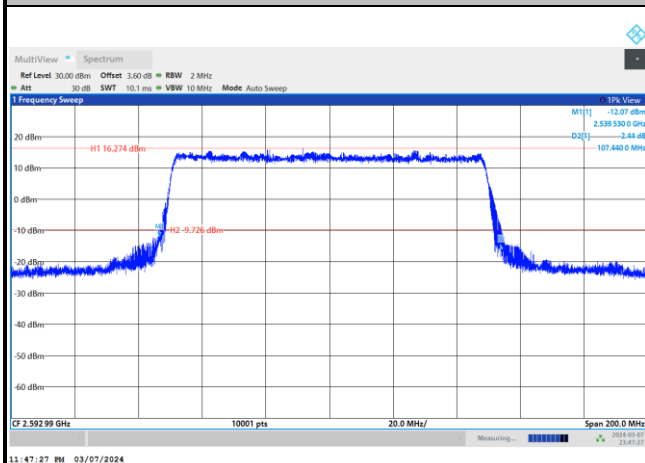
QPSK



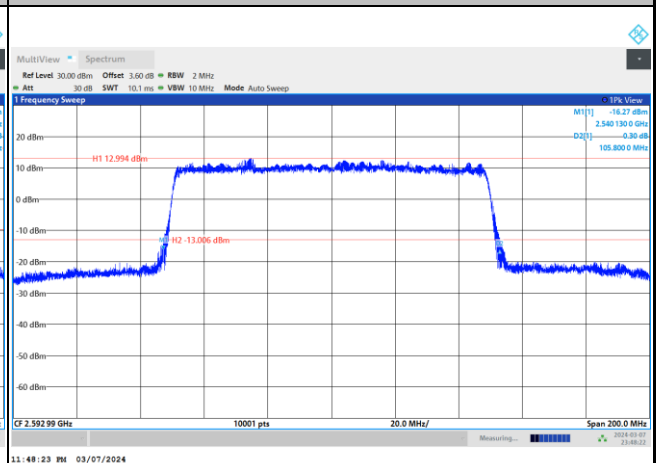
16QAM



64QAM



256QAM



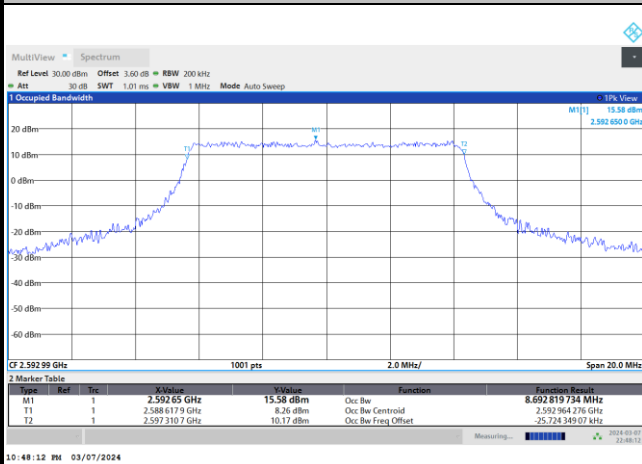
**Occupied Bandwidth**

Mode	FR1 n41 : OB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.69	8.76	13.66	13.68	18.34	18.37	23.36	23.29
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.67	8.62	13.65	13.67	18.35	18.36	23.29	23.38
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	28.21	28.22	38.21	38.22	47.60	47.64	58.64	58.53
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	28.16	28.22	38.27	38.18	47.70	47.56	58.61	58.53
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	68.18	68.29	78.15	78.11	87.84	88.01	98.17	97.79
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	68.36	68.05	78.19	77.80	88.02	87.90	97.98	97.75

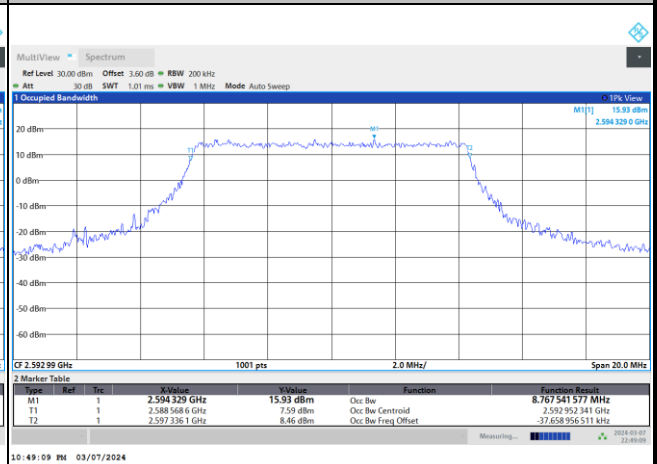


FR1 n41 / 10MHz / CP OFDM / Middle Channel / Full RB

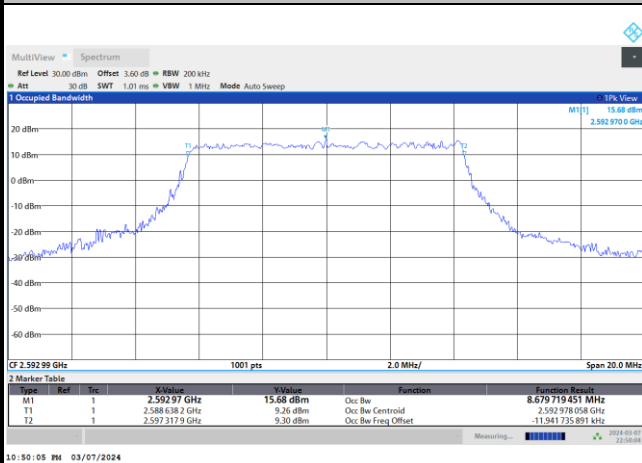
QPSK



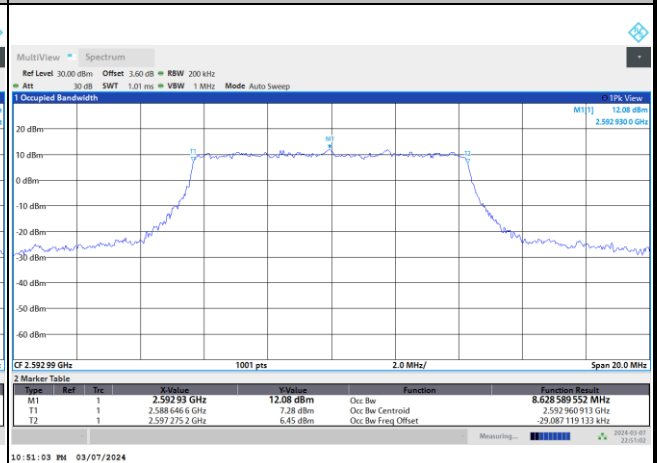
16QAM



64QAM



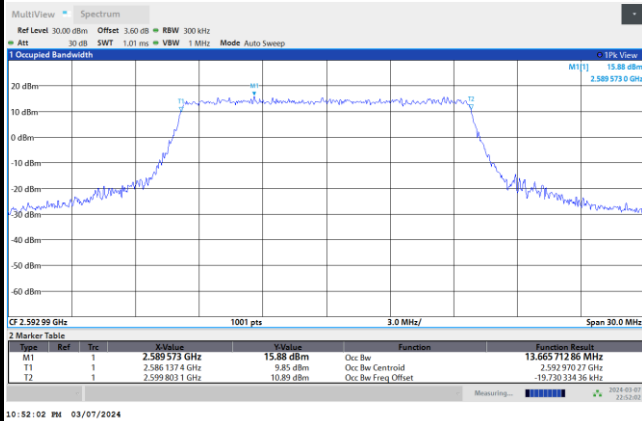
256QAM



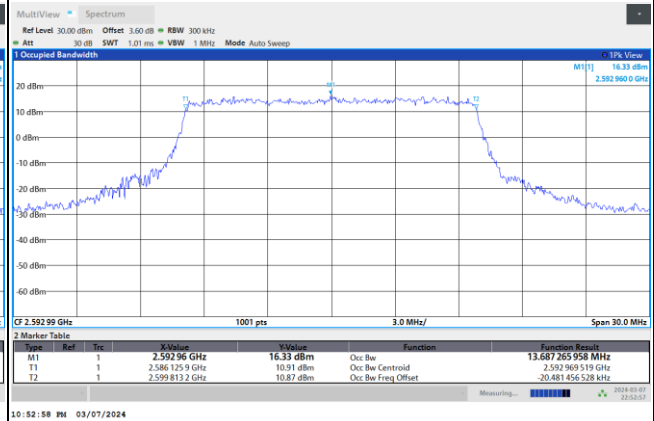


FR1 n41 / 15MHz / CP OFDM / Middle Channel / Full RB

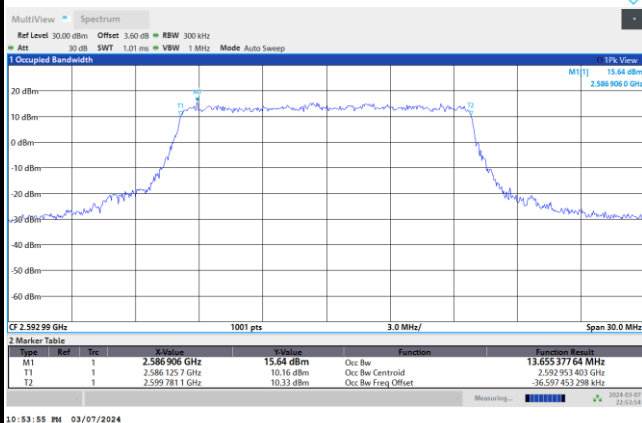
QPSK



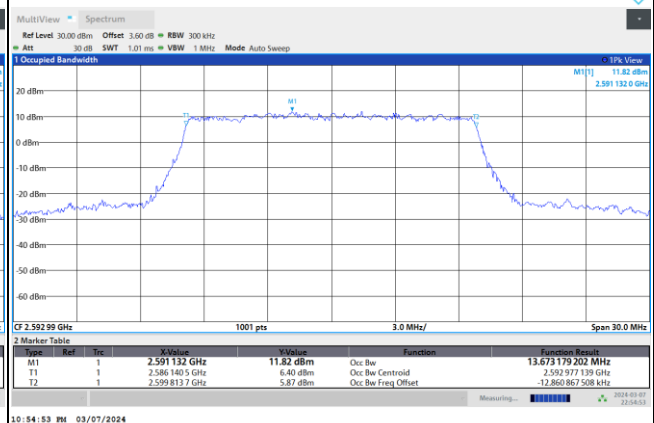
16QAM



64QAM



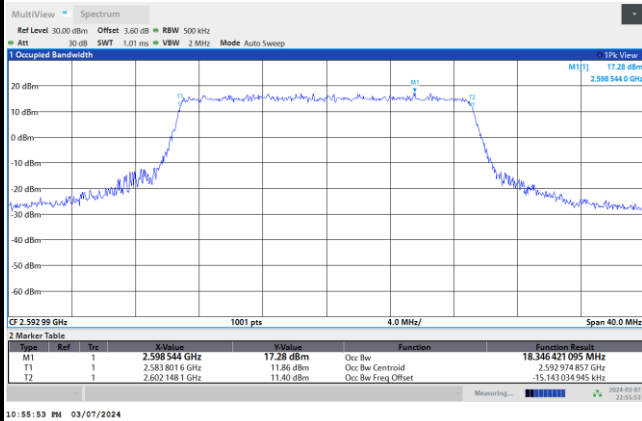
256QAM



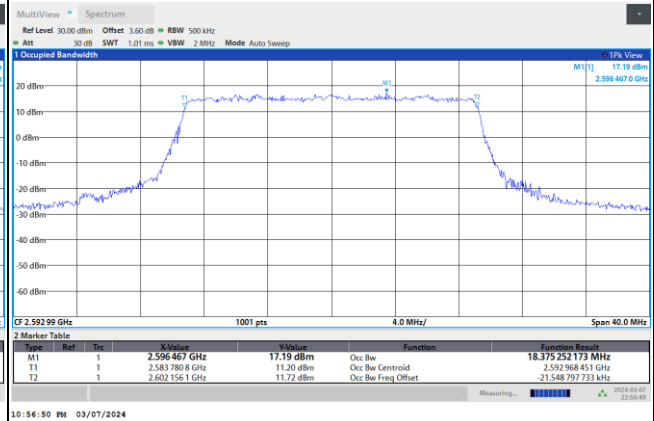


FR1 n41 / 20MHz / CP OFDM / Middle Channel / Full RB

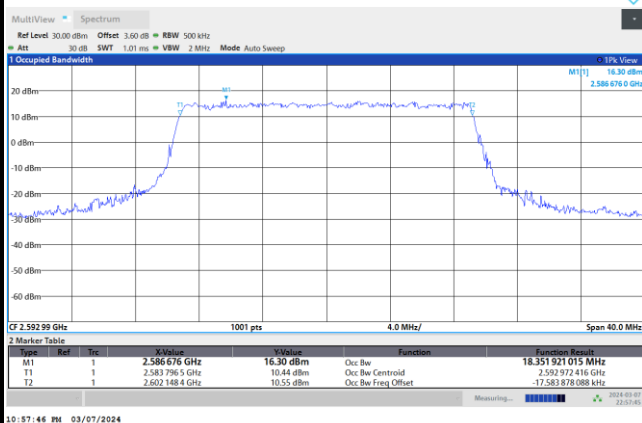
QPSK



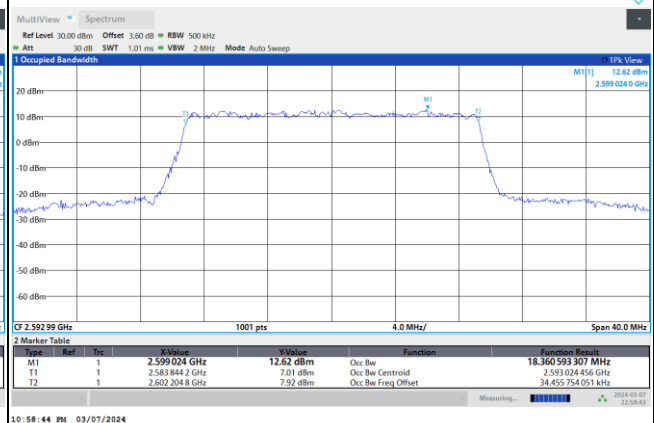
16QAM



64QAM



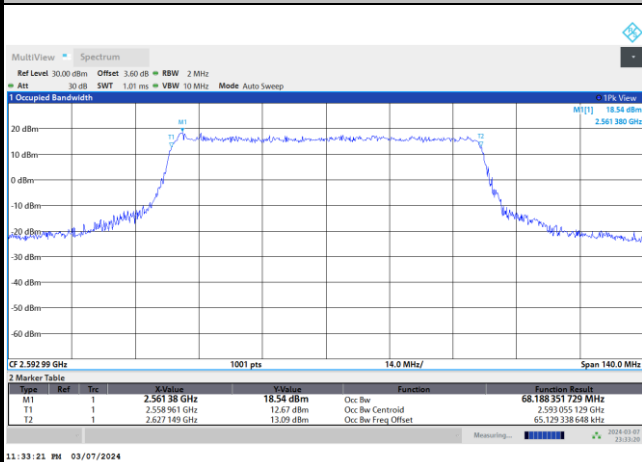
256QAM



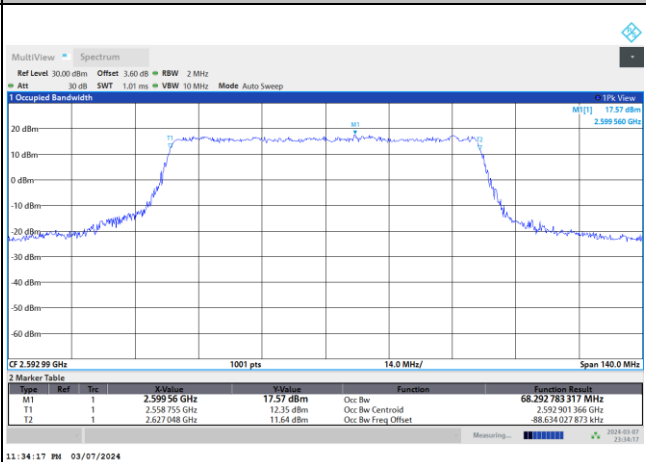


FR1 n41 / 25MHz / CP OFDM / Middle Channel / Full RB

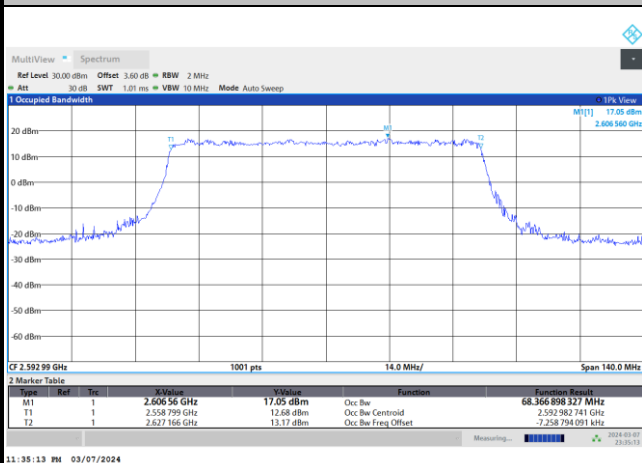
QPSK



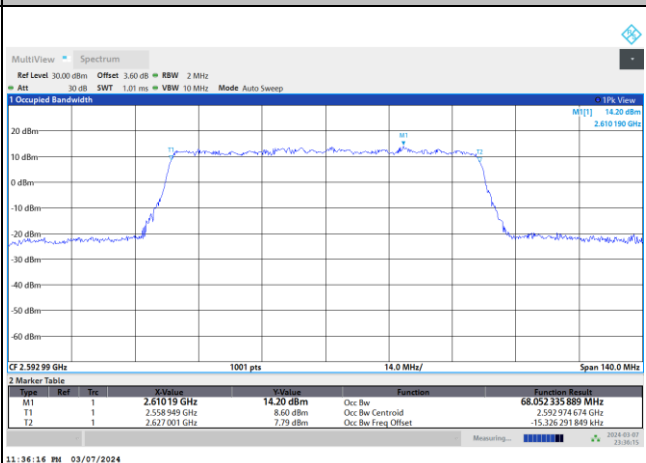
16QAM



64QAM



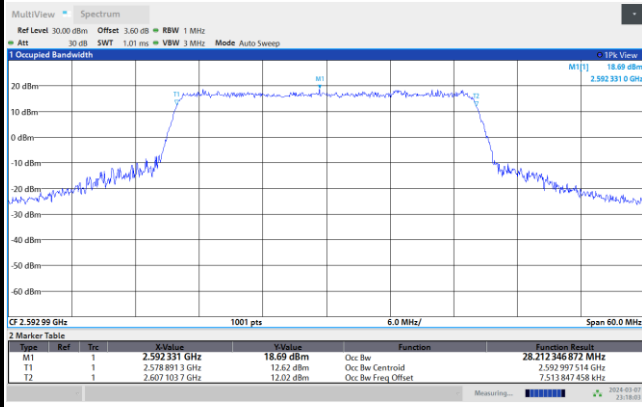
256QAM





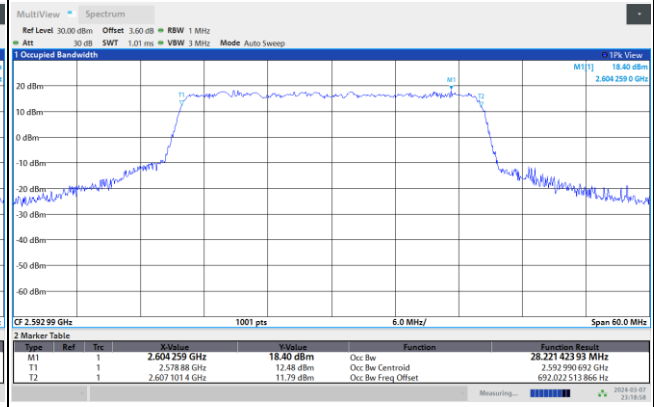
FR1 n41 / 30MHz / CP OFDM / Middle Channel / Full RB

QPSK



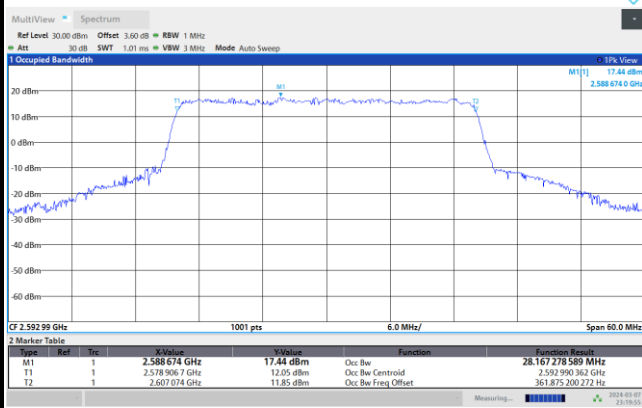
11:18:03 PM 03/07/2024

16QAM



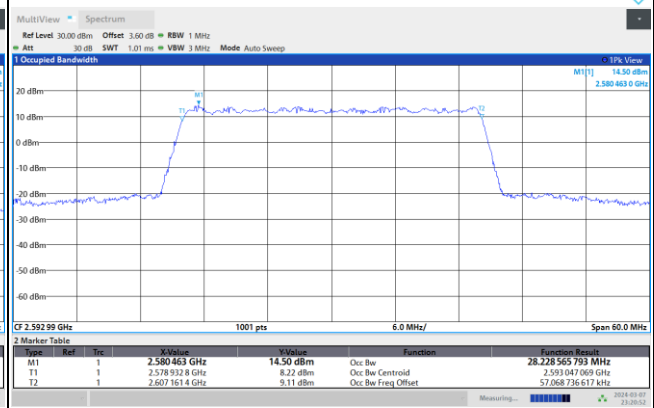
11:18:59 PM 03/07/2024

64QAM



11:19:55 PM 03/07/2024

256QAM

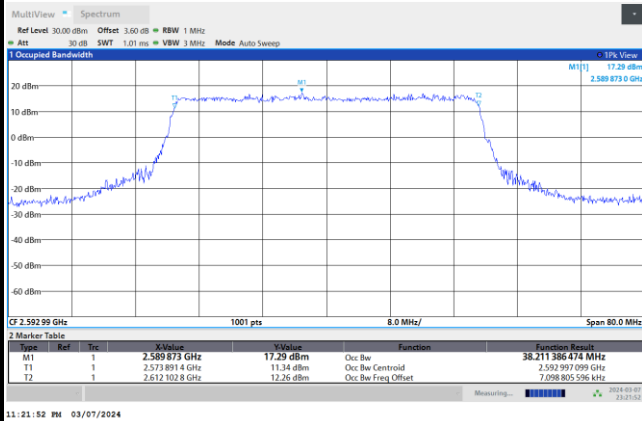


11:20:53 PM 03/07/2024

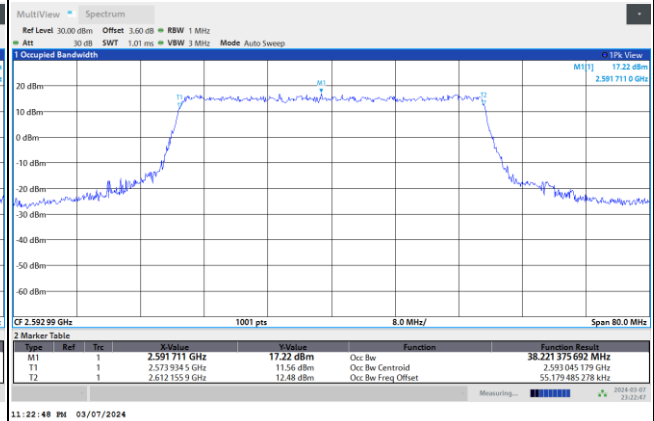


FR1 n41 / 40MHz / CP OFDM / Middle Channel / Full RB

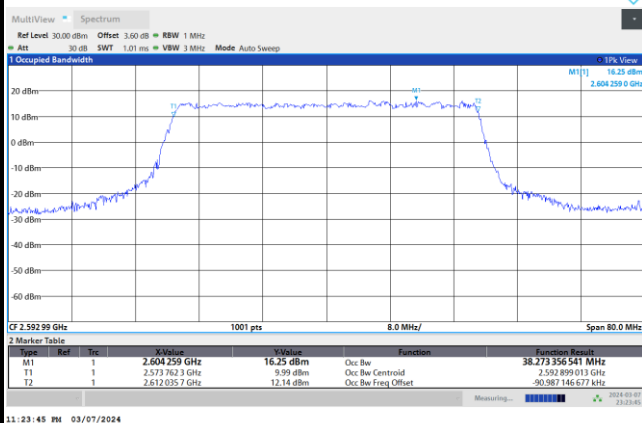
QPSK



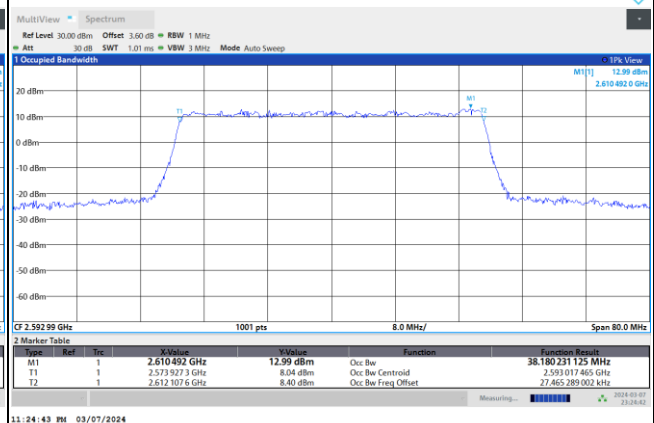
16QAM



64QAM



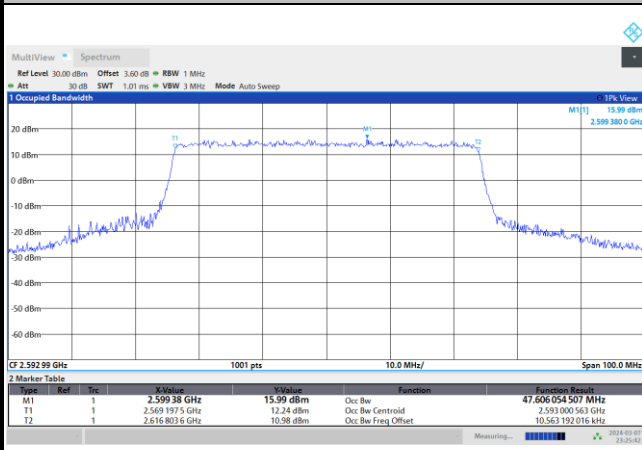
256QAM





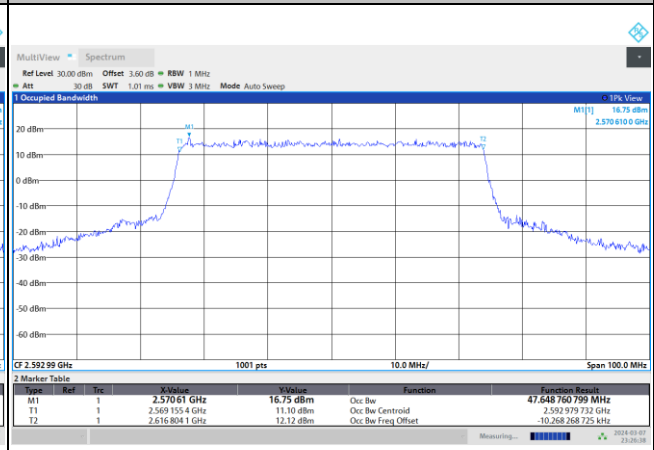
FR1 n41 / 50MHz / CP OFDM / Middle Channel / Full RB

QPSK



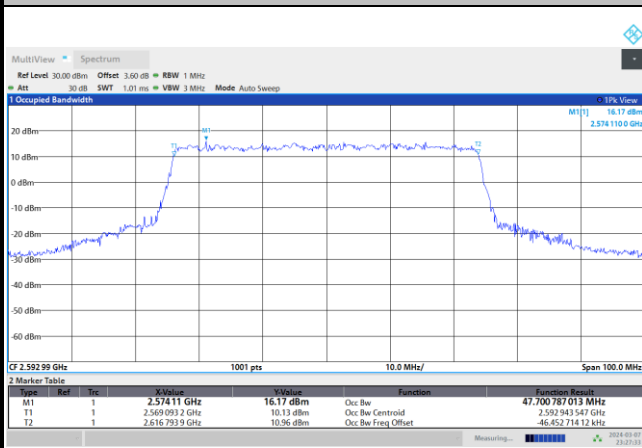
11:25:42 PM 03/07/2024

16QAM



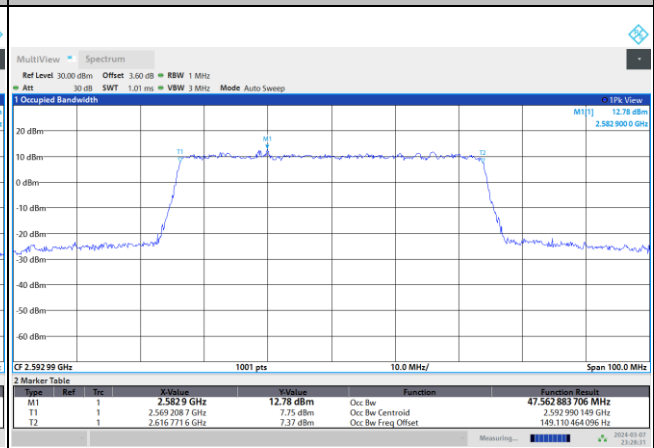
11:26:38 PM 03/07/2024

64QAM



11:27:34 PM 03/07/2024

256QAM

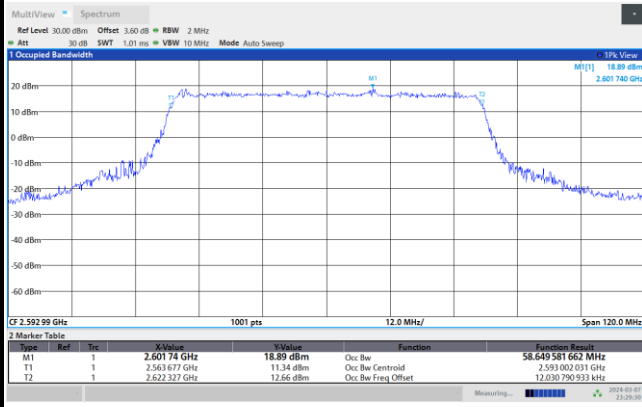


11:28:32 PM 03/07/2024



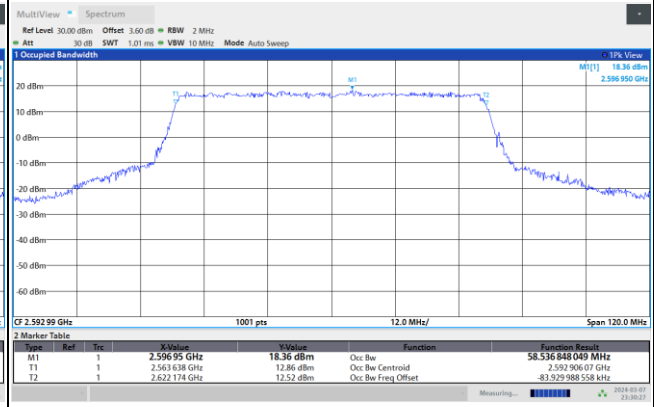
FR1 n41 / 60MHz / CP OFDM / Middle Channel / Full RB

QPSK



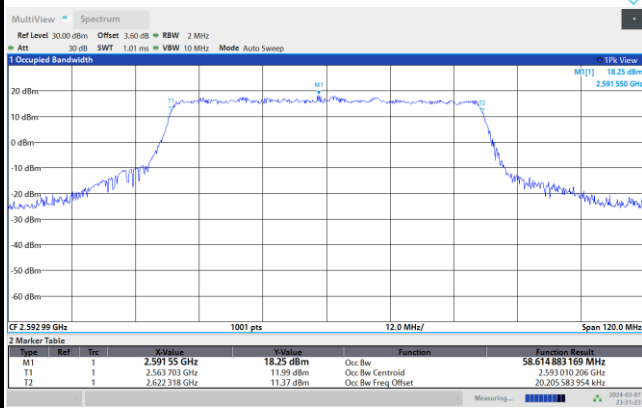
11:29:31 PM 03/07/2024

16QAM



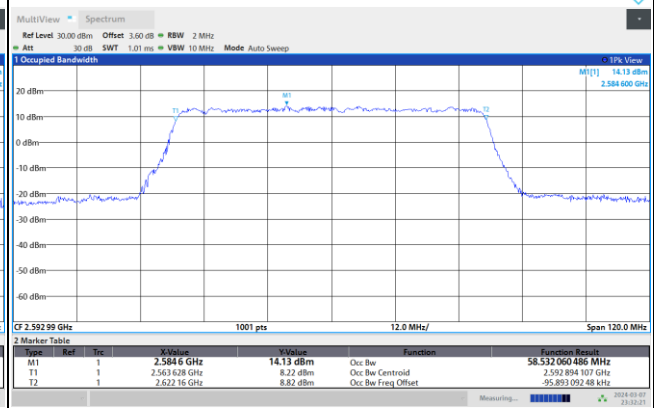
11:30:27 PM 03/07/2024

64QAM



11:31:23 PM 03/07/2024

256QAM



11:32:22 PM 03/07/2024