



FCC RADIO TEST REPORT

FCC ID : A4RG1MNW
Equipment : Phone
Model Name : G1MNW
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC 47 CFR Part 2, 27

The product was received on Feb. 02, 2023 and testing was performed from Feb. 03, 2023 to Jun. 08, 2023. 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 5

 1.1 Product Feature of Equipment Under Test..... 5

 1.2 Product Specification of Equipment Under Test..... 6

 1.3 Modification of EUT 7

 1.4 Testing Location 8

 1.5 Applicable Standards..... 8

2 Test Configuration of Equipment Under Test 9

 2.1 Test Mode..... 9

 2.2 Connection Diagram of Test System..... 11

 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 14

 3.1 Measuring Instruments 14

 3.2 Conducted Output Power and EIRP..... 15

 3.3 Peak-to-Average Ratio 17

 3.4 Occupied Bandwidth..... 18

 3.5 Conducted Band Edge 19

 3.6 Conducted Spurious Emission 20

 3.7 Frequency Stability 21

4 Radiated Test Items 22

 4.1 Measuring Instruments 22

 4.2 Radiated Spurious Emission Measurement 24

5 List of Measuring Equipment..... 25

6 Measurement Uncertainty 26

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
FG2D0206-01E	01	Initial issue of report	Jun. 20, 2023
FG2D0206-01E	02	Revise Appendix A This report is an updated version, replacing the report issued on Jun. 20, 2023.	Jun. 28, 2023



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 (j)(3)	Equivalent Isotropic Radiated Power (n77) (n78)	Pass	
3.3	§27.50 (j)(4)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §27.53 (l)(2)	Conducted Band Edge Measurement (n77) (n78)	Pass	-
3.6	§2.1051 §27.53 (l)(2)	Conducted Spurious Emission (n77) (n78)	Pass	-
3.7	§2.1055 §27.54	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1051 §27.53 (l)(2)	Radiated Spurious Emission (n77) (n78)	Pass	15.86 dB under limit at 14805.000 MHz for Primary Antenna 15.67 dB under limit at 14805.000 MHz for ASDIV Antenna

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: Clio Lo



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
Model Name	G1MNW
FCC ID	A4RG1MNW
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/NFC/GNSS/ UWB/WPT WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 WLAN 11be EHT20/EHT40/EHT80/EHT160 Bluetooth BR/EDR/LE/HR

Remark: The above EUT's information was declared by manufacturer.

EUT Information List	
S/N	Performed Test Item
358951610014526	Conducted Measurement EIRP
33141FDJG0012W	
33161FDJG000BA	Radiated Spurious Emission



1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx Frequency	5G NR n77: 3705 MHz ~ 3975 MHz 5G NR n78: 3705 MHz ~ 3795 MHz
Rx Frequency	5G NR n77: 3705 MHz ~ 3975 MHz 5G NR n78: 3705 MHz ~ 3795 MHz
Bandwidth	5G NR n77: 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz 5G NR n78: 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz
Maximum Output Power to Antenna	<p><Primary Antenna>: 5G NR n77: 26.99 dBm 5G NR n78: 26.48 dBm</p> <p><ASDIV Antenna>: 5G NR n77: 25.38 dBm 5G NR n78: 25.35 dBm</p> <p><MIMO Mode>: MIMO <Ant. 6+1>: 5G NR n77: 26.99 dBm 5G NR n78: 25.04 dBm MIMO <Ant. 7+5>: 5G NR n77: 26.17 dBm 5G NR n78: 24.66 dBm MIMO <Ant. 6+5>: 5G NR n77: 26.71 dBm 5G NR n78: 24.21 dBm MIMO <Ant. 7+1>: 5G NR n77: 26.74 dBm 5G NR n78: 24.16 dBm</p> <p><TxD Mode>: MIMO <Ant. 6+1>: 5G NR n77: 27.83 dBm MIMO <Ant. 7+5>: 5G NR n77: 26.67 dBm MIMO <Ant. 6+5>: 5G NR n77: 27.48 dBm MIMO <Ant. 7+1>: 5G NR n77: 26.88 dBm</p>
Antenna Type	<p><Primary Antenna>: <Ant. 6>: PIFA Antenna <ASDIV Antenna>: <Ant. 7>: PIFA Antenna <SRS diversity Antenna>: <Ant. 1>: PIFA Antenna <Ant. 5>: PIFA Antenna</p>
Type of Modulation	PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM



<Primary Antenna>

Radio Tech	Band Number	Antenna name	Gain
5G NR	n77	ANT6	0.6
5G NR	n78	ANT6	0.6

<ASDIV Antenna>

Radio Tech	Band Number	Antenna name	Gain
5G NR	n77	ANT7	-1.8
5G NR	n78	ANT7	-1.8

<SRS diversity Antenna>

Radio Tech	Band Number	Antenna name	Gain
5G NR	n77	ANT1	-2.6
5G NR	n78	ANT1	-2.6
5G NR	n77	ANT5	-2.4
5G NR	n78	ANT5	-2.4

Remark: The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

1.3 Modification of EUT

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



1.4 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
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.
	03CH12-HY (TAF Code: 3786)
Test Engineer	Jesse Fan, Tim Lee and Wilson Wu
Temperature (°C)	20~25
Relative Humidity (%)	50~60
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

1.5 Applicable Standards

According to the specifications of 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 test items were verified and recorded according to the standards and without any deviation during the test.
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.

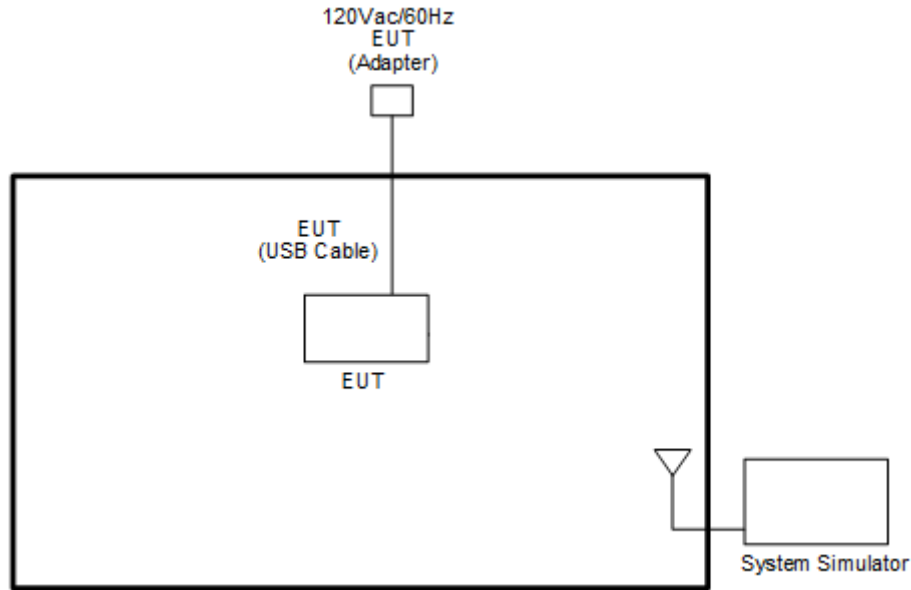
For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and accessory (Adapter or Earphone) and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

Test Items	NR Band	Bandwidth (MHz)												Modulation				RB #			Test Channel					
		10	15	20	25	30	40	50	60	70	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H		
Max. Output Power	n77	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	n78	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	n77			v										v	v	v	v	v			v		v			
	n78	Covered by n77																								
26dB and 99% Bandwidth	n77	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v		v			
	n78	Covered by n77																								
Conducted Band Edge	n77	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v	v			v
	n78	Covered by n77																								
Conducted Spurious Emission	n77	v													v					v			v	v	v	
	n78	Covered by n77																								
Frequency Stability	n77			v										v	v						v		v			
	n78	Covered by n77																								



Test Items	NR Band	Bandwidth (MHz)												Modulation				RB #			Test Channel			
		10	15	20	25	30	40	50	60	70	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
E.I.R.P	n77	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	Max. Power					
	n78	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v						
Radiated Spurious Emission	n77	Worst Case																	v	v	v			
	n78	Covered by n77																						
Remark	<ol style="list-style-type: none"> The mark "v" means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. 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. For radiated measurement, pre-scanned in two modes, DFT-s OFDM and CP OFDM. The worst cases (DFT-s OFDM) were recorded in this report, and the worst modes of FR1 and LTE for simultaneous transmission were verified and compliant. Test combination is EN-DC 66A-n77A. All the radiated test cases were performed with Adapter 2 and USB Cable 1. During the preliminary test, both charging modes (Adapter mode and WPT mode) were verified. It is determined that the adaptor mode is the worst case for official test. Wider operating range bandwidth covers narrower one when the power is higher or the same. One representative bandwidth is selected to perform PAR and Frequency Stability The n77 and n78 support total 4 UL MIMO combinations: Ant6+Ant1, Ant6+Ant5, Ant7+Ant1, Ant7+Ant5 and the worst case combination is determined during the preliminary test that Ant6+Ant1 is reported as worst case with Ant7+Ant5 RSE check data. 																							

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m

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 Band n77 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
20	Channel	647334	656000	664666
	Frequency	3710.01	3840	3969.99
25	Channel	647500	656000	664500
	Frequency	3712.5	3840	3967.5
15	Channel	647168	656000	664832
	Frequency	3707.52	3840	3972.48
10	Channel	647000	656000	665000
	Frequency	3705	3840	3975



5G NR n78 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

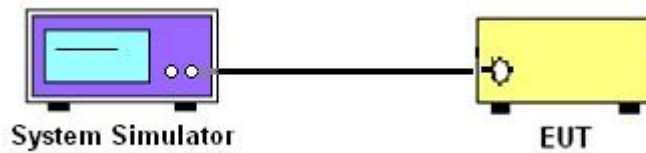
3 Conducted Test Items

3.1 Measuring Instruments

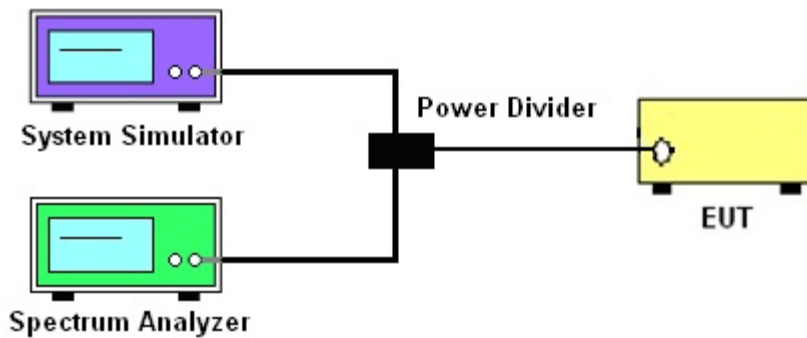
See list of measuring instruments of this test report.

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 1 Watts for 5G NR n77 and n78

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, 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:

1. 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

(i) 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.]

(ii) 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 6	Ant 1	Ant 7	Ant 5	NSS = 1	NSS = 2
n77/n78	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)
Ant. 6 + 1	0.60	-2.60	-1.80	-2.40	2.16	-0.71
Ant. 7 + 5	0.60	-2.60	-1.80	-2.40	0.92	-2.08
Ant. 6 + 5	0.60	-2.60	-1.80	-2.40	2.24	-0.64
Ant. 7 + 1	0.60	-2.60	-1.80	-2.40	0.82	-2.18

Directional gain for Ant. 6+1 correlated of TxD mode derived from formula which is

$$10 \times \log \left\{ \left[10^{(0.6 \text{ dBi} / 20)} + 10^{(-2.6 \text{ dBi} / 20)} \right]^2 / 2 \right\}$$

= 2.16 dBi

Directional gain for Ant. 6+1 uncorrelated of MIMO mode derived from formula which is

$$10 \times \log \left\{ \left[10^{(0.6 \text{ dBi} / 10)} + 10^{(-2.6 \text{ dBi} / 10)} \right] / 2 \right\}$$

= -0.71 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 (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.

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)

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.

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 middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
10. 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 $20\pm 5^{\circ}\text{C}$ and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

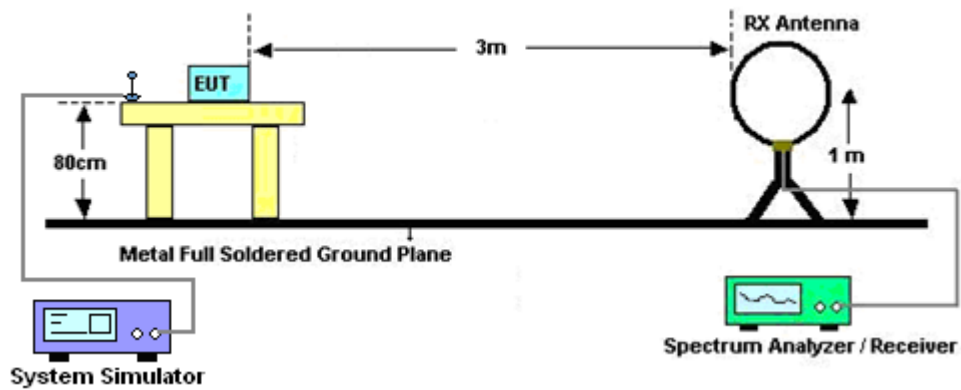
4 Radiated Test Items

4.1 Measuring Instruments

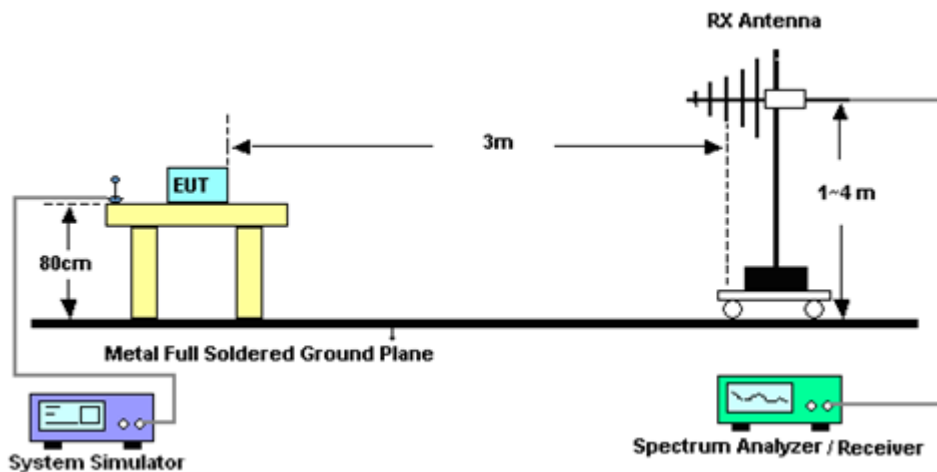
See list of measuring instruments of this test report.

4.1.1 Test Setup

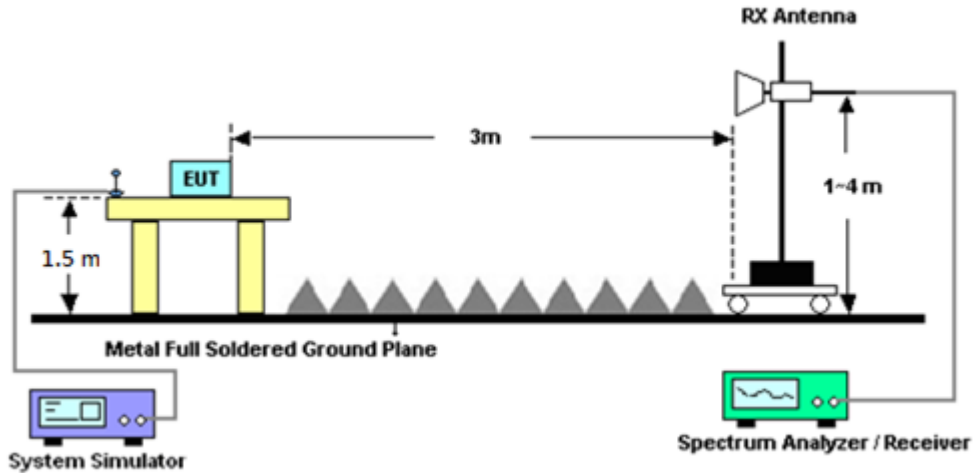
For radiated emissions below 30MHz



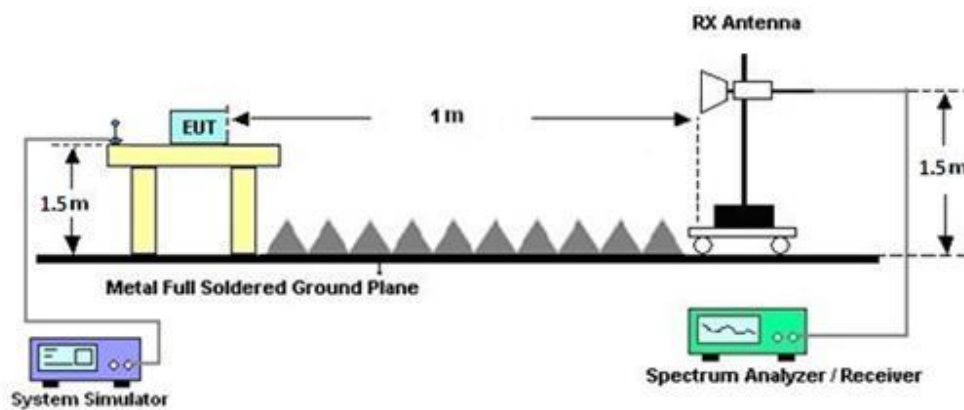
For radiated test from 30MHz to 1GHz



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.

4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI / TIA-603-E Section 2.2.12.

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. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

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



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Apr. 14, 2023~ Apr. 23, 2023	Sep. 19, 2023	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	37059 & 01	30MHz~1GHz	Nov. 10, 2022	Apr. 14, 2023~ Apr. 23, 2023	Nov. 09, 2023	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-0211 4	1GHz~18GHz	Aug. 09, 2022	Apr. 14, 2023~ Apr. 23, 2023	Aug. 08, 2023	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz~40GHz	Nov. 24, 2022	Apr. 14, 2023~ Apr. 23, 2023	Nov. 23, 2023	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 03, 2022	Apr. 14, 2023~ Apr. 23, 2023	Oct. 02, 2023	Radiation (03CH12-HY)
Preamplifier	Agilent	8449B	3008A02375	1GHz~26.5GHz	May 24, 2022	Apr. 14, 2023~ Apr. 23, 2023	May 23, 2023	Radiation (03CH12-HY)
Preamplifier	E-INSTRUME NT TECH LTD.	ERA-100M-18 G-56-01-A70	EC1900249	1GHz-18GHz	Dec. 21, 2022	Apr. 14, 2023~ Apr. 23, 2023	Dec. 20, 2023	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 07, 2022	Apr. 14, 2023~ Apr. 23, 2023	Dec. 06, 2023	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Jan. 10, 2023	Apr. 14, 2023~ Apr. 23, 2023	Jan. 09, 2024	Radiation (03CH12-HY)
Filter	Wainwright	WHKX12-1080 -1200-15000-6 0SS	SN1	1.2GHz High Pass Filter	Mar. 14, 2023	Apr. 14, 2023~ Apr. 23, 2023	Mar. 13, 2024	Radiation (03CH12-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0ST	SN2	3GHz High Pass Filter	Mar. 14, 2023	Apr. 14, 2023~ Apr. 23, 2023	Mar. 13, 2024	Radiation (03CH12-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN2	6.75GHz High Pass Filter	Mar. 14, 2023	Apr. 14, 2023~ Apr. 23, 2023	Mar. 13, 2024	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 07, 2023	Apr. 14, 2023~ Apr. 23, 2023	Mar. 06, 2024	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 20, 2022	Apr. 14, 2023~ Apr. 23, 2023	Dec. 19, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Dec. 20, 2022	Apr. 14, 2023~ Apr. 23, 2023	Dec. 19, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803953/2	30MHz~40GHz	Dec. 20, 2022	Apr. 14, 2023~ Apr. 23, 2023	Dec. 19, 2023	Radiation (03CH12-HY)
Hygrometer	TECEPEL	DTM-303B	TP210090	N/A	Oct. 03, 2022	Apr. 14, 2023~ Apr. 23, 2023	Oct. 02, 2023	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 14, 2023~ Apr. 23, 2023	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Apr. 14, 2023~ Apr. 23, 2023	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Apr. 14, 2023~ Apr. 23, 2023	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Apr. 14, 2023~ Apr. 23, 2023	N/A	Radiation (03CH12-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890001	50Hz~60Hz	Sep. 29, 2022	Feb. 03, 2023~ Jun. 08, 2023	Sep. 28, 2023	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101049	10Hz~44GHz	Oct. 07, 2022	Feb. 03, 2023~ Jun. 08, 2023	Oct. 06, 2023	Conducted (TH03-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 07, 2022	Feb. 03, 2023~ Jun. 08, 2023	Sep. 06, 2023	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8821C	6262116730	LTE	Jun. 15, 2022	Feb. 03, 2023~ Jun. 08, 2023	Jun. 14, 2023	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6262134933	FR1	Jun. 13, 2022	Feb. 03, 2023~ Jun. 08, 2023	Jun. 22, 2023	Conducted (TH03-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.31 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.25 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.81 dB
---	---------



Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and EIRP

<SISO Mode>

<Primary Antenna>

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	26.72	26.48	26.42	27.32	0.5395
10	1	22		26.56	26.64	26.31		
10	12	6		26.58	26.68	26.28		
10	1	0		23.20	22.96	22.93		
10	1	23		23.07	23.10	22.78		
10	24	0		26.08	26.14	25.74		
10	1	1	QPSK	26.71	26.49	26.47		
10	1	22		26.56	26.69	26.30		
10	12	6		26.59	26.70	26.26		
10	1	0		23.15	22.95	22.90		
10	1	23		23.04	23.12	22.76		
10	24	0		25.05	25.14	24.76		
10	1	1	16-QAM	25.80	25.61	25.55	26.40	0.4365
10	1	1	64-QAM	24.18	24.04	23.97		
10	1	1	256-QAM	22.09	21.86	21.95		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.70	26.43	26.52	27.31	0.5383
15	1	36		26.62	26.63	26.27		
15	18	9		26.57	26.43	26.49		
15	1	0		23.22	22.96	23.17		
15	1	37		23.15	23.06	22.72		
15	36	0		26.09	25.94	25.95		
15	1	1	QPSK	26.71	26.53	26.50		
15	1	36		26.56	26.69	26.26		
15	18	9		26.61	26.47	26.46		
15	1	0		23.17	22.98	23.09		
15	1	37		23.11	23.09	22.67		
15	36	0		25.06	24.92	24.91		
15	1	1	16-QAM	25.72	25.49	25.32	26.32	0.4285
15	1	1	64-QAM	24.25	23.92	23.84		
15	1	1	256-QAM	22.21	22.00	21.78		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.72	26.41	26.68	27.41	0.5508
20	1	49		26.62	26.63	26.20		
20	25	12		26.58	26.46	26.42		
20	1	0		23.21	22.95	23.10		
20	1	50		23.07	22.86	22.66		
20	50	0		26.10	25.94	25.93		
20	1	1	QPSK	26.81	26.47	26.72		
20	1	49		26.70	26.67	26.19		
20	25	12		26.66	26.54	26.45		
20	1	0		23.27	22.96	23.15		
20	1	50		23.17	22.88	22.69		
20	50	0		25.10	24.97	24.93		
20	1	1	16-QAM	25.82	25.54	25.87	26.47	0.4436
20	1	1	64-QAM	24.29	24.02	24.32		
20	1	1	256-QAM	22.20	21.95	22.26		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	26.80	26.59	26.61	27.43	0.5534
25	1	63		26.54	26.34	26.24		
25	32	16		26.64	26.45	26.51		
25	1	0		23.34	23.12	22.98		
25	1	64		23.07	22.81	22.67		
25	64	0		26.12	25.91	25.92		
25	1	1	QPSK	26.83	26.71	26.57		
25	1	63		26.56	26.35	26.20		
25	32	16		26.64	25.16	26.42		
25	1	0		23.30	23.12	23.02		
25	1	64		22.96	22.82	22.71		
25	64	0		25.13	24.96	24.91		
25	1	1	16-QAM	25.80	25.61	25.66	26.40	0.4365
25	1	1	64-QAM	24.15	24.00	24.14		
25	1	1	256-QAM	22.38	22.18	22.07		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.61	26.66	26.70	27.33	0.5408
30	1	76		26.69	26.55	26.11		
30	36	18		26.58	26.64	26.68		
30	1	0		23.12	23.12	23.18		
30	1	77		23.09	23.00	22.57		
30	75	0		26.12	26.14	26.13		
30	1	1	QPSK	26.66	26.64	26.73		
30	1	76		26.65	26.53	26.13		
30	36	18		26.64	26.66	26.66		
30	1	0		23.17	23.12	23.18		
30	1	77		23.18	23.00	22.56		
30	75	0		25.18	25.13	25.07		
30	1	1	16-QAM	25.81	25.63	25.61	26.41	0.4375
30	1	1	64-QAM	24.21	24.13	24.43		
30	1	1	256-QAM	22.09	22.11	22.13		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.82	26.66	26.73	27.42	0.5521
40	1	104		26.48	26.48	26.14		
40	50	25		26.74	26.51	26.70		
40	1	0		23.23	23.20	23.16		
40	1	105		22.95	22.98	22.61		
40	100	0		26.23	25.97	26.19		
40	1	1	QPSK	26.82	26.71	26.70		
40	1	104		26.52	26.44	26.14		
40	50	25		26.75	26.50	26.66		
40	1	0		23.22	23.17	23.13		
40	1	105		22.93	23.01	22.58		
40	100	0		25.20	24.97	25.24		
40	1	1	16-QAM	25.88	25.80	25.68	26.48	0.4446
40	1	1	64-QAM	24.21	24.37	24.01		
40	1	1	256-QAM	22.23	22.21	22.07		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.63	26.65	26.78	27.48	0.5598
50	1	131		26.51	26.43	25.97		
50	64	32		26.57	26.46	26.58		
50	1	0		23.13	23.16	23.33		
50	1	132		23.01	22.93	22.43		
50	128	0		26.07	25.94	26.08		
50	1	1	QPSK	26.65	26.65	26.88		
50	1	131		26.49	26.46	25.96		
50	64	32		26.61	26.49	26.58		
50	1	0		23.18	23.13	23.33		
50	1	132		22.98	22.94	22.47		
50	128	0		25.07	24.96	25.09		
50	1	1	16-QAM	25.79	25.68	25.94	26.54	0.4508
50	1	1	64-QAM	24.22	24.02	24.31		
50	1	1	256-QAM	22.16	22.05	22.22		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.76	26.42	26.74	27.36	0.5445
60	1	160		26.35	26.41	26.00		
60	81	40		26.64	26.44	26.57		
60	1	0		23.29	22.94	23.24		
60	1	161		22.91	22.85	22.47		
60	162	0		26.08	26.12	26.03		
60	1	1	QPSK	26.76	26.47	26.76		
60	1	160		26.37	26.41	26.00		
60	81	40		26.62	26.40	26.58		
60	1	0		23.31	22.94	23.24		
60	1	161		22.80	22.85	22.45		
60	162	0		25.07	25.08	25.02		
60	1	1	16-QAM	25.79	25.42	25.94	26.54	0.4508
60	1	1	64-QAM	24.26	23.76	24.30		
60	1	1	256-QAM	22.17	21.88	22.12		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.62	26.38	26.65	27.33	0.5408
70	1	187		26.31	26.28	25.96		
70	90	45		26.52	26.41	26.53		
70	1	0		23.16	22.91	23.28		
70	1	188		22.99	22.83	22.54		
70	180	0		25.95	25.88	26.04		
70	1	1	QPSK	26.59	26.38	26.73		
70	1	187		26.34	26.34	26.04		
70	90	45		26.55	26.43	26.57		
70	1	0		23.15	22.92	23.27		
70	1	188		22.91	22.81	22.57		
70	180	0		25.00	24.90	25.05		
70	1	1	16-QAM	25.76	25.42	25.85	26.45	0.4416
70	1	1	64-QAM	24.43	23.78	24.22		
70	1	1	256-QAM	22.23	21.90	22.10		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.64	26.46	26.65	27.35	0.5433
80	1	215		26.20	26.19	25.83		
80	108	54		26.55	26.37	26.58		
80	1	0		23.32	23.03	23.30		
80	1	216		22.76	22.80	22.41		
80	216	0		26.01	25.86	26.04		
80	1	1	QPSK	26.75	26.47	26.71		
80	1	215		26.28	26.27	25.83		
80	108	54		26.57	26.39	26.60		
80	1	0		23.33	23.00	23.31		
80	1	216		22.80	22.78	22.36		
80	216	0		25.00	24.90	25.06		
80	1	1	16-QAM	25.76	25.51	25.74	26.36	0.4325
80	1	1	64-QAM	24.28	24.04	24.21		
80	1	1	256-QAM	22.25	21.96	22.30		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.65	26.46	26.67	27.33	0.5408
90	1	243		26.21	26.17	25.65		
90	120	60		26.60	26.42	26.64		
90	1	0		23.27	23.12	23.32		
90	1	244		22.80	22.78	22.27		
90	243	0		26.03	25.91	26.07		
90	1	1	QPSK	26.69	26.54	26.73		
90	1	243		26.22	26.32	25.62		
90	120	60		26.62	26.48	26.58		
90	1	0		23.16	23.08	23.31		
90	1	244		22.74	22.80	22.15		
90	243	0		25.06	24.77	25.05		
90	1	1	16-QAM	25.53	25.62	25.76	26.36	0.4325
90	1	1	64-QAM	24.22	24.08	24.27		
90	1	1	256-QAM	22.22	22.04	22.12		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	26.74	26.65	26.70	27.59	0.5741
100	1	271		25.89	26.19	25.80		
100	135	67		26.61	26.45	26.66		
100	1	0		23.28	23.24	23.25		
100	1	272		22.45	26.21	22.34		
100	270	0		26.05	25.87	26.10		
100	1	1	QPSK	26.99	26.79	26.93		
100	1	271		22.42	26.35	25.93		
100	135	67		26.64	26.45	26.70		
100	1	0		23.32	23.23	23.25		
100	1	272		26.01	22.64	22.42		
100	270	0		25.07	24.88	25.13		
100	1	1	16-QAM	26.08	25.62	25.81	26.68	0.4656
100	1	1	64-QAM	24.41	24.15	24.07		
100	1	1	256-QAM	22.27	22.15	22.15		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	26.06	26.09	26.05	26.96	0.4966
10	1	22		26.18	26.29	26.00		
10	12	6		26.16	26.36	25.98		
10	1	0		22.54	22.54	22.53		
10	1	23		22.60	22.77	22.41		
10	24	0		25.66	25.82	25.47		
10	1	1	QPSK	26.09	26.14	26.09		
10	1	22		26.15	26.32	26.00		
10	12	6		26.16	26.36	25.99		
10	1	0		22.57	22.59	22.58		
10	1	23		22.57	22.79	22.47		
10	24	0		25.14	25.33	24.95		
10	1	1	16-QAM	24.97	25.09	25.04	25.69	0.3707
10	1	1	64-QAM	23.44	23.68	23.63		
10	1	1	256-QAM	21.40	21.58	21.45		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.08	26.06	26.21	26.89	0.4887
15	1	36		26.12	26.27	26.09		
15	18	9		26.20	26.08	26.16		
15	1	0		22.52	22.54	22.60		
15	1	37		22.57	22.69	22.52		
15	36	0		25.65	25.56	25.66		
15	1	1	QPSK	26.12	26.11	26.22		
15	1	36		26.17	26.29	26.09		
15	18	9		26.18	26.08	26.15		
15	1	0		22.57	22.54	22.61		
15	1	37		22.56	22.74	22.52		
15	36	0		25.16	25.07	25.15		
15	1	1	16-QAM	25.06	25.15	25.18	25.78	0.3784
15	1	1	64-QAM	23.73	23.44	23.65		
15	1	1	256-QAM	21.59	21.51	21.74		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.17	26.11	26.16	26.84	0.4831
20	1	49		26.19	26.22	26.03		
20	25	12		26.22	26.07	26.10		
20	1	0		22.56	22.54	22.59		
20	1	50		22.56	22.49	22.47		
20	50	0		25.70	25.57	25.61		
20	1	1	QPSK	26.16	26.13	26.18		
20	1	49		26.10	26.23	26.01		
20	25	12		26.24	26.09	26.12		
20	1	0		22.63	22.58	22.61		
20	1	50		22.60	22.54	22.49		
20	50	0		25.20	25.08	25.12		
20	1	1	16-QAM	25.28	25.10	25.12	25.88	0.3873
20	1	1	64-QAM	23.45	23.52	23.62		
20	1	1	256-QAM	21.63	21.42	21.47		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	26.12	26.06	26.22	26.82	0.4808
25	1	63		26.12	25.97	25.94		
25	32	16		26.21	26.05	26.02		
25	1	0		22.56	22.57	22.64		
25	1	64		22.52	22.51	22.33		
25	64	0		25.71	25.52	25.49		
25	1	1	QPSK	26.16	26.09	26.17		
25	1	63		26.14	26.00	25.87		
25	32	16		26.21	26.02	26.05		
25	1	0		22.58	22.52	22.67		
25	1	64		22.60	22.48	22.32		
25	64	0		25.19	25.00	25.03		
25	1	1	16-QAM	25.01	25.03	25.23	25.83	0.3828
25	1	1	64-QAM	23.63	23.59	23.64		
25	1	1	256-QAM	21.75	21.48	21.67		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.02	26.08	26.34	27.02	0.5035
30	1	76		26.03	26.04	26.04		
30	36	18		26.13	26.12	26.15		
30	1	0		22.50	22.60	22.87		
30	1	77		22.50	22.51	22.51		
30	75	0		25.59	25.58	25.62		
30	1	1	QPSK	26.03	26.15	26.42		
30	1	76		26.03	26.08	26.10		
30	36	18		26.15	26.13	26.19		
30	1	0		22.55	22.61	22.89		
30	1	77		22.50	22.49	22.56		
30	75	0		25.08	25.07	25.14		
30	1	1	16-QAM	25.06	25.09	25.33	25.93	0.3917
30	1	1	64-QAM	23.65	23.73	23.89		
30	1	1	256-QAM	21.52	21.76	21.94		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.17	26.31	26.17	26.91	0.4909
40	1	104		26.00	26.18	25.92		
40	50	25		26.18	26.10	26.11		
40	1	0		22.60	22.72	22.62		
40	1	105		22.42	22.60	22.38		
40	100	0		25.64	25.57	25.60		
40	1	1	QPSK	26.18	26.25	26.21		
40	1	104		26.03	26.13	25.94		
40	50	25		26.19	26.10	26.14		
40	1	0		22.63	22.68	22.67		
40	1	105		22.40	22.53	22.40		
40	100	0		25.15	25.08	25.09		
40	1	1	16-QAM	25.20	25.29	25.29	25.89	0.3882
40	1	1	64-QAM	23.61	23.91	23.75		
40	1	1	256-QAM	21.61	21.79	21.67		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	26.17	26.28	26.48	27.08	0.5105		
50	1	131		25.90	26.08	25.93				
50	64	32		26.13	26.09	26.30				
50	1	0		22.58	22.74	22.92				
50	1	132		22.34	22.53	22.35				
50	128	0		25.61	25.56	25.81				
50	1	1	QPSK	26.15	26.32	26.41			26.14	0.4111
50	1	131		25.88	26.05	25.86				
50	64	32		26.15	26.10	26.31				
50	1	0		22.60	22.78	22.86				
50	1	132		22.34	22.55	22.32				
50	128	0		25.13	25.04	25.28				
50	1	1	16-QAM	25.21	25.29	25.54	26.14	0.4111		
50	1	1	64-QAM	23.56	23.75	24.02				
50	1	1	256-QAM	21.55	21.70	21.84				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	26.17	26.27	26.15	26.87	0.4864		
60	1	160		26.05	25.90	25.85				
60	81	40		26.19	26.09	26.27				
60	1	0		22.68	22.71	22.62				
60	1	161		22.34	22.36	22.30				
60	162	0		25.66	25.76	25.70				
60	1	1	QPSK	26.17	26.18	26.16			25.88	0.3873
60	1	160		26.07	25.86	25.82				
60	81	40		26.20	26.08	26.26				
60	1	0		22.69	22.76	22.67				
60	1	161		22.38	22.35	22.30				
60	162	0		25.17	25.29	25.21				
60	1	1	16-QAM	25.28	25.14	25.18	25.88	0.3873		
60	1	1	64-QAM	23.65	23.65	23.67				
60	1	1	256-QAM	21.81	21.62	21.59				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	26.11	26.30	26.25	26.90	0.4898		
70	1	187		25.91	25.83	25.78				
70	90	45		26.02	26.08	26.02				
70	1	0		22.64	22.75	22.72				
70	1	188		22.47	22.27	22.26				
70	180	0		25.48	25.54	25.51				
70	1	1	QPSK	26.15	26.22	26.21			26.90	0.4898
70	1	187		25.90	25.75	25.75				
70	90	45		26.03	26.12	26.05				
70	1	0		22.63	22.75	22.73				
70	1	188		22.40	22.31	22.26				
70	180	0		24.98	25.05	25.03				
70	1	1	16-QAM	25.11	25.27	25.20	25.87	0.3864		
70	1	1	64-QAM	23.65	23.75	23.75				
70	1	1	256-QAM	21.53	21.76	21.71				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	26.10	26.23	26.20	26.86	0.4853		
80	1	215		25.75	25.72	25.72				
80	108	54		26.07	26.08	26.09				
80	1	0		22.66	22.80	22.68				
80	1	216		22.25	22.29	22.21				
80	216	0		25.53	25.55	25.57				
80	1	1	QPSK	26.15	26.26	26.16			26.86	0.4853
80	1	215		25.75	25.76	25.64				
80	108	54		26.09	26.09	26.06				
80	1	0		22.68	22.83	22.73				
80	1	216		22.29	22.31	22.19				
80	216	0		25.05	25.05	25.02				
80	1	1	16-QAM	25.12	25.33	25.19	25.93	0.3917		
80	1	1	64-QAM	23.77	23.75	23.65				
80	1	1	256-QAM	21.59	21.82	21.64				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.02	26.21	26.17	26.93	0.4932
90	1	243		25.62	25.63	25.52		
90	120	60		25.91	26.03	26.30		
90	1	0		22.60	22.82	22.79		
90	1	244		22.19	22.22	22.13		
90	243	0		25.40	25.48	25.74		
90	1	1	QPSK	26.03	26.23	26.19		
90	1	243		25.65	25.65	25.54		
90	120	60		25.96	26.06	26.33		
90	1	0		22.63	22.78	22.80		
90	1	244		22.22	22.19	22.13		
90	243	0		24.89	24.99	25.25		
90	1	1	16-QAM	25.05	25.06	25.14	25.74	0.3750
90	1	1	64-QAM	23.67	23.74	23.60		
90	1	1	256-QAM	21.72	21.73	21.88		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	26.10	-	26.76	0.4742
100	1	271		-	25.55	-		
100	135	67		-	26.02	-		
100	1	0		-	22.73	-		
100	1	272		-	22.12	-		
100	270	0		-	25.47	-		
100	1	1	QPSK	-	26.16	-		
100	1	271		-	25.62	-		
100	135	67		-	26.03	-		
100	1	0		-	22.70	-		
100	1	272		-	22.16	-		
100	270	0		-	24.97	-		
100	1	1	16-QAM	-	25.09	-	25.69	0.3707
100	1	1	64-QAM	-	23.70	-		
100	1	1	256-QAM	-	21.81	-		
Limit	EIRP < 1W			Result			Pass	



<ASDIV Antenna>

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	25.02	25.14	24.93	23.44	0.2208		
10	1	22		24.94	25.24	24.98				
10	12	6		24.98	25.21	25.04				
10	1	0		22.06	22.08	21.90				
10	1	23		21.91	22.19	21.87				
10	24	0		25.01	25.24	25.04				
10	1	1	QPSK	25.10	25.16	24.97			22.93	0.1963
10	1	22		24.95	25.21	24.98				
10	12	6		25.00	25.23	25.00				
10	1	0		21.98	22.10	21.92				
10	1	23		21.91	22.14	21.92				
10	24	0		24.00	24.23	24.00				
10	1	1	16-QAM	24.67	24.73	24.43	22.93	0.1963		
10	1	1	64-QAM	23.00	23.10	22.89				
10	1	1	256-QAM	20.94	20.98	20.83				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	25.14	25.16	24.91	23.47	0.2223		
15	1	36		24.94	25.27	24.82				
15	18	9		25.00	25.24	24.87				
15	1	0		22.05	22.12	21.97				
15	1	37		21.84	22.20	24.80				
15	36	0		25.02	25.17	24.84				
15	1	1	QPSK	25.10	25.19	24.91			22.99	0.1991
15	1	36		24.95	25.24	24.85				
15	18	9		25.02	25.23	24.86				
15	1	0		22.04	22.10	21.98				
15	1	37		21.86	22.16	24.89				
15	36	0		24.00	24.17	23.84				
15	1	1	16-QAM	24.79	24.78	24.52	22.99	0.1991		
15	1	1	64-QAM	23.01	23.15	22.81				
15	1	1	256-QAM	21.04	21.06	20.92				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	25.11	25.14	25.06	23.45	0.2213
20	1	49		24.94	25.24	24.93		
20	25	12		25.01	25.19	24.90		
20	1	0		22.14	22.07	22.02		
20	1	50		21.84	22.21	21.84		
20	50	0		25.00	25.21	24.93		
20	1	1	QPSK	25.15	25.18	25.12		
20	1	49		24.93	25.25	24.89		
20	25	12		25.01	25.17	24.94		
20	1	0		22.10	22.12	22.02		
20	1	50		21.88	22.22	21.87		
20	50	0		24.01	24.18	23.86		
20	1	1	16-QAM	24.62	24.67	24.68	22.88	0.1941
20	1	1	64-QAM	23.11	22.93	22.94		
20	1	1	256-QAM	21.02	21.10	21.04		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	25.12	25.13	25.11	23.53	0.2254
25	1	63		24.88	25.28	25.01		
25	32	16		24.96	25.21	25.00		
25	1	0		21.52	22.04	22.02		
25	1	64		21.31	22.21	21.91		
25	64	0		24.43	25.23	24.98		
25	1	1	QPSK	25.11	25.05	25.08		
25	1	63		24.84	25.33	25.00		
25	32	16		24.99	25.25	25.04		
25	1	0		21.59	22.11	22.03		
25	1	64		21.31	22.25	21.92		
25	64	0		23.94	24.21	23.97		
25	1	1	16-QAM	24.22	24.83	24.60	23.03	0.2009
25	1	1	64-QAM	22.61	23.15	22.91		
25	1	1	256-QAM	20.56	20.91	20.94		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	25.22	25.18	25.02	23.53	0.2254
30	1	76		24.92	25.33	24.95		
30	36	18		25.04	25.27	25.11		
30	1	0		22.17	22.09	21.85		
30	1	77		21.89	22.25	21.85		
30	75	0		25.01	25.27	25.10		
30	1	1	QPSK	25.21	25.14	25.05		
30	1	76		24.92	25.32	24.99		
30	36	18		25.03	25.28	25.12		
30	1	0		22.14	22.12	22.00		
30	1	77		21.87	22.27	21.90		
30	75	0		23.99	24.24	24.10		
30	1	1	16-QAM	24.67	24.77	24.52	22.97	0.1982
30	1	1	64-QAM	23.21	23.03	22.97		
30	1	1	256-QAM	21.16	21.11	20.83		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	25.18	25.14	24.90	23.51	0.2244
40	1	104		24.81	25.31	25.03		
40	50	25		25.01	25.28	25.22		
40	1	0		22.15	22.04	21.81		
40	1	105		21.74	22.22	21.93		
40	100	0		25.00	25.28	25.22		
40	1	1	QPSK	25.19	25.14	24.89		
40	1	104		24.82	25.28	25.00		
40	50	25		25.03	25.30	25.22		
40	1	0		22.14	22.07	21.82		
40	1	105		21.76	22.26	21.93		
40	100	0		23.97	24.24	24.18		
40	1	1	16-QAM	24.67	24.77	24.36	22.97	0.1982
40	1	1	64-QAM	23.22	23.10	22.98		
40	1	1	256-QAM	21.09	20.97	20.73		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	25.24	25.25	24.92	23.49	0.2234
50	1	131		24.73	24.74	24.95		
50	64	32		25.07	25.04	25.08		
50	1	0		22.28	22.25	21.89		
50	1	132		21.72	21.74	21.89		
50	128	0		25.06	25.08	25.11		
50	1	1	QPSK	25.27	25.29	24.92		
50	1	131		24.76	24.80	24.96		
50	64	32		25.11	25.06	25.08		
50	1	0		22.25	22.23	21.85		
50	1	132		21.74	21.75	21.91		
50	128	0		24.04	24.03	24.06		
50	1	1	16-QAM	24.87	24.89	24.48	23.09	0.2037
50	1	1	64-QAM	23.26	23.26	22.78		
50	1	1	256-QAM	21.18	21.31	20.79		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	25.23	25.15	25.19	23.56	0.2270
60	1	160		24.78	25.09	24.93		
60	81	40		25.03	25.31	25.13		
60	1	0		22.23	22.12	22.15		
60	1	161		21.72	22.04	21.89		
60	162	0		25.02	25.36	25.12		
60	1	1	QPSK	25.24	25.14	25.22		
60	1	160		24.79	25.05	24.95		
60	81	40		25.02	25.32	25.12		
60	1	0		22.24	22.12	22.13		
60	1	161		21.72	22.06	21.88		
60	162	0		24.00	24.35	24.11		
60	1	1	16-QAM	24.85	24.75	24.72	23.05	0.2018
60	1	1	64-QAM	23.11	23.17	23.15		
60	1	1	256-QAM	21.20	21.14	21.12		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	25.31	25.14	25.30	23.54	0.2259
70	1	187		24.78	24.99	25.00		
70	90	45		25.09	25.30	25.01		
70	1	0		22.31	22.14	22.31		
70	1	188		21.73	21.97	21.95		
70	180	0		25.06	25.32	24.97		
70	1	1	QPSK	25.32	25.12	25.31		
70	1	187		24.79	24.95	24.97		
70	90	45		25.08	25.34	25.01		
70	1	0		22.33	22.13	22.36		
70	1	188		21.79	21.96	21.94		
70	180	0		24.05	24.28	24.01		
70	1	1	16-QAM	24.73	24.65	24.79	22.99	0.1991
70	1	1	64-QAM	23.33	23.24	23.26		
70	1	1	256-QAM	21.23	21.14	21.26		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	25.34	25.18	25.25	23.58	0.2280
80	1	215		24.61	24.67	24.85		
80	108	54		25.05	25.32	24.94		
80	1	0		22.37	22.14	22.31		
80	1	216		21.66	21.64	21.85		
80	216	0		25.02	25.27	24.91		
80	1	1	QPSK	25.35	25.11	25.29		
80	1	215		24.60	24.62	24.89		
80	108	54		25.03	25.38	24.91		
80	1	0		22.38	22.17	22.30		
80	1	216		21.65	21.66	21.86		
80	216	0		24.04	24.31	23.91		
80	1	1	16-QAM	24.92	24.68	24.67	23.12	0.2051
80	1	1	64-QAM	23.45	23.13	23.23		
80	1	1	256-QAM	21.30	21.17	21.26		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	25.36	25.07	24.99	23.56	0.2270
90	1	243		24.85	24.56	24.71		
90	120	60		25.03	25.34	24.91		
90	1	0		22.41	22.13	22.11		
90	1	244		21.94	21.66	21.83		
90	243	0		25.00	25.29	24.88		
90	1	1	QPSK	25.36	25.11	24.05		
90	1	243		24.89	24.63	24.73		
90	120	60		25.02	25.31	24.92		
90	1	0		22.41	22.11	22.06		
90	1	244		21.97	21.65	21.76		
90	243	0		23.98	24.29	23.89		
90	1	1	16-QAM	24.67	24.60	24.66	22.87	0.1936
90	1	1	64-QAM	23.23	23.17	22.97		
90	1	1	256-QAM	21.35	21.06	21.10		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	25.34	25.17	24.98	23.58	0.2280
100	1	271		24.71	24.55	24.75		
100	135	67		25.01	25.31	25.13		
100	1	0		22.41	22.29	22.13		
100	1	272		21.82	21.63	21.81		
100	270	0		25.00	25.26	25.07		
100	1	1	QPSK	25.38	25.26	25.06		
100	1	271		24.72	24.57	24.82		
100	135	67		25.02	25.35	25.11		
100	1	0		22.42	22.26	22.10		
100	1	272		21.78	21.65	21.86		
100	270	0		24.00	24.27	24.07		
100	1	1	16-QAM	24.73	24.87	24.73	23.07	0.2028
100	1	1	64-QAM	23.36	23.15	23.00		
100	1	1	256-QAM	21.19	21.32	21.03		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	25.14	24.89	25.12	23.34	0.2158
10	1	22		25.02	24.96	24.94		
10	12	6		25.05	25.01	24.92		
10	1	0		21.56	21.30	21.59		
10	1	23		21.43	21.43	21.39		
10	24	0		24.54	24.49	24.41		
10	1	1	QPSK	25.12	24.90	25.08		
10	1	22		25.00	25.00	24.94		
10	12	6		25.07	25.02	24.94		
10	1	0		21.56	21.32	21.56		
10	1	23		24.47	21.42	21.42		
10	24	0		24.04	23.97	23.92		
10	1	1	16-QAM	24.17	24.13	24.13	22.37	0.1726
10	1	1	64-QAM	22.51	22.37	22.63		
10	1	1	256-QAM	20.64	20.07	20.51		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	25.18	24.92	25.11	23.39	0.2183
15	1	36		25.00	25.01	24.91		
15	18	9		25.07	24.87	25.05		
15	1	0		21.54	21.35	21.30		
15	1	37		21.40	21.45	21.34		
15	36	0		24.57	24.36	24.51		
15	1	1	QPSK	25.19	24.93	25.08		
15	1	36		25.02	25.00	24.93		
15	18	9		25.09	24.92	25.06		
15	1	0		21.67	21.31	21.32		
15	1	37		21.44	21.41	21.35		
15	36	0		24.07	23.89	24.02		
15	1	1	16-QAM	24.00	23.82	24.00	22.20	0.1660
15	1	1	64-QAM	22.57	22.21	22.48		
15	1	1	256-QAM	20.64	20.23	20.58		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	25.16	24.93	24.89	23.36	0.2168		
20	1	49		24.91	24.99	24.92				
20	25	12		25.08	24.89	20.07				
20	1	0		21.63	21.35	21.37				
20	1	50		21.35	21.37	21.34				
20	50	0		24.55	24.39	24.54				
20	1	1	QPSK	25.16	24.90	24.87			23.36	0.2168
20	1	49		24.95	24.98	24.92				
20	25	12		25.11	24.91	25.08				
20	1	0		21.63	21.36	21.35				
20	1	50		21.38	21.37	21.35				
20	50	0		24.05	23.86	24.06				
20	1	1	16-QAM	24.37	23.97	23.78	22.57	0.1807		
20	1	1	64-QAM	22.73	22.41	22.32				
20	1	1	256-QAM	20.54	20.30	20.41				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	25.18	24.94	25.04	23.38	0.2178		
25	1	63		24.92	24.87	24.92				
25	32	16		25.02	24.89	21.12				
25	1	0		21.60	21.38	21.48				
25	1	64		21.34	21.30	21.42				
25	64	0		24.50	24.36	24.61				
25	1	1	QPSK	25.13	24.96	24.99			23.38	0.2178
25	1	63		24.89	24.83	24.89				
25	32	16		25.02	24.91	25.14				
25	1	0		21.62	21.39	21.49				
25	1	64		21.36	21.31	21.33				
25	64	0		23.97	23.85	24.12				
25	1	1	16-QAM	24.19	24.08	24.11	22.39	0.1734		
25	1	1	64-QAM	22.59	22.42	22.39				
25	1	1	256-QAM	20.42	20.37	20.56				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	25.15	25.01	24.93	23.42	0.2198
30	1	76		24.92	24.90	24.87		
30	36	18		25.10	24.90	24.84		
30	1	0		21.64	21.44	24.43		
30	1	77		21.37	21.34	21.31		
30	75	0		24.53	24.41	24.33		
30	1	1	QPSK	25.22	25.03	24.93		
30	1	76		24.92	24.90	24.87		
30	36	18		25.06	24.92	24.86		
30	1	0		21.66	21.42	24.40		
30	1	77		21.35	21.32	21.31		
30	75	0		24.02	23.91	23.82		
30	1	1	16-QAM	24.23	24.07	24.00	22.43	0.1750
30	1	1	64-QAM	22.82	22.55	22.16		
30	1	1	256-QAM	20.62	20.29	20.41		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	25.15	25.07	24.99	23.35	0.2163
40	1	104		24.73	24.92	24.89		
40	50	25		24.97	24.89	24.86		
40	1	0		21.62	21.55	21.37		
40	1	105		21.15	21.34	21.22		
40	100	0		24.44	24.39	24.33		
40	1	1	QPSK	25.13	25.03	24.95		
40	1	104		24.73	24.87	24.86		
40	50	25		24.99	24.93	24.87		
40	1	0		21.59	21.50	21.38		
40	1	105		21.14	21.34	21.27		
40	100	0		23.91	23.82	23.83		
40	1	1	16-QAM	24.06	24.13	23.94	22.33	0.1710
40	1	1	64-QAM	22.68	22.64	22.54		
40	1	1	256-QAM	20.52	20.46	20.33		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	25.22	25.15	25.05	23.48	0.2228		
50	1	131		24.66	24.89	24.80				
50	64	32		25.02	24.89	24.93				
50	1	0		21.62	21.58	21.43				
50	1	132		21.13	21.34	21.26				
50	128	0		24.47	24.41	24.42				
50	1	1	QPSK	25.28	25.12	25.02			23.48	0.2228
50	1	131		24.71	24.88	24.77				
50	64	32		25.02	24.93	24.95				
50	1	0		21.68	21.59	21.49				
50	1	132		21.12	21.37	21.24				
50	128	0		23.96	23.91	23.90				
50	1	1	16-QAM	24.26	24.11	24.02	22.46	0.1762		
50	1	1	64-QAM	22.78	22.69	22.53				
50	1	1	256-QAM	20.57	20.54	20.55				
Limit	EIRP < 1W			Result			Pass			

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	25.19	25.13	24.89	23.41	0.2193		
60	1	160		24.66	24.70	24.74				
60	81	40		24.94	24.91	24.93				
60	1	0		21.66	21.57	21.37				
60	1	161		21.14	21.15	21.21				
60	162	0		24.43	24.51	24.41				
60	1	1	QPSK	25.21	25.11	24.88			23.41	0.2193
60	1	160		24.69	24.72	24.76				
60	81	40		24.92	24.95	24.96				
60	1	0		21.68	21.57	21.38				
60	1	161		21.19	21.15	21.21				
60	162	0		23.89	24.00	23.92				
60	1	1	16-QAM	24.22	24.12	23.96	22.42	0.1746		
60	1	1	64-QAM	22.70	22.61	22.31				
60	1	1	256-QAM	20.52	20.41	20.27				
Limit	EIRP < 1W			Result			Pass			



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	25.24	25.20	25.11	23.45	0.2213
70	1	187		24.74	24.71	24.76		
70	90	45		25.00	24.99	25.02		
70	1	0		21.76	21.66	21.60		
70	1	188		21.22	21.17	21.27		
70	180	0		24.54	24.43	24.48		
70	1	1	QPSK	25.25	25.17	25.13		
70	1	187		24.72	24.66	24.81		
70	90	45		25.02	24.97	25.06		
70	1	0		21.76	21.65	21.62		
70	1	188		21.22	21.13	21.29		
70	180	0		23.99	23.92	23.96		
70	1	1	16-QAM	24.21	24.33	24.08	22.53	0.1791
70	1	1	64-QAM	22.62	22.77	22.62		
70	1	1	256-QAM	20.84	20.61	20.55		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	25.26	25.24	25.11	23.52	0.2249
80	1	215		24.57	24.83	24.67		
80	108	54		25.01	24.96	24.99		
80	1	0		21.82	21.76	21.68		
80	1	216		21.14	21.37	21.23		
80	216	0		24.48	24.43	24.43		
80	1	1	QPSK	25.32	25.24	25.16		
80	1	215		24.55	24.81	24.69		
80	108	54		25.02	24.98	24.98		
80	1	0		21.84	21.73	21.69		
80	1	216		21.13	21.32	21.23		
80	216	0		23.99	23.93	23.96		
80	1	1	16-QAM	24.32	24.26	24.17	22.52	0.1786
80	1	1	64-QAM	22.92	22.74	22.74		
80	1	1	256-QAM	20.76	20.69	20.63		
Limit	EIRP < 1W			Result			Pass	



Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	25.28	25.25	25.20	23.50	0.2239
90	1	243		24.76	24.73	24.69		
90	120	60		24.94	24.97	25.06		
90	1	0		21.92	21.84	21.78		
90	1	244		21.37	21.40	21.20		
90	243	0		24.42	24.45	24.42		
90	1	1	QPSK	25.30	25.28	25.21		
90	1	243		24.79	24.76	24.68		
90	120	60		24.95	24.98	25.04		
90	1	0		21.88	21.81	21.73		
90	1	244		21.35	21.33	21.22		
90	243	0		23.91	23.93	24.01		
90	1	1	16-QAM	24.33	24.24	24.26	22.53	0.1791
90	1	1	64-QAM	22.71	22.89	22.78		
90	1	1	256-QAM	20.83	20.78	20.63		
Limit	EIRP < 1W			Result			Pass	

Part 270 NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	25.32	-	23.55	0.2265
100	1	271		-	24.62	-		
100	135	67		-	25.00	-		
100	1	0		-	21.91	-		
100	1	272		-	21.33	-		
100	270	0		-	24.44	-		
100	1	1	QPSK	-	25.35	-		
100	1	271		-	24.73	-		
100	135	67		-	24.98	-		
100	1	0		-	21.96	-		
100	1	272		-	21.26	-		
100	270	0		-	23.96	-		
100	1	1	16-QAM	-	24.34	-	22.54	0.1795
100	1	1	64-QAM	-	22.79	-		
100	1	1	256-QAM	-	20.93	-		
Limit	EIRP < 1W			Result			Pass	



<MIMO Mode>

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	23.64	23.61	23.67	23.59	23.74	23.41	26.63	26.69	26.55	26.05	0.4027
10	1	22		23.82	23.82	23.44	23.62	23.51	23.31	26.73	26.68	26.39		
10	12	6		23.79	23.90	23.50	23.70	23.55	23.21	26.76	26.74	26.37		
10	1	0		20.18	20.09	20.15	20.12	20.17	19.87	23.16	23.14	23.02		
10	1	23		20.30	20.27	19.93	20.12	19.93	19.70	23.22	23.11	22.83		
10	24	0		20.81	20.97	20.45	20.64	20.52	20.30	23.74	23.76	23.39		
10	1	1	16-QAM	23.01	23.07	23.37	23.10	23.44	22.96	26.07	26.27	26.18	25.56	0.3597
10	1	1	64-QAM	21.67	21.53	21.40	21.53	21.80	21.36	24.61	24.68	24.39		
10	1	1	256-QAM	16.92	16.95	17.19	17.03	17.24	16.82	19.99	20.11	20.02		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	23.79	23.48	23.66	23.64	23.68	23.31	26.73	26.59	26.50	26.10	0.4074
15	1	36		23.77	23.73	23.52	23.59	23.36	23.19	26.69	26.56	26.37		
15	19	9		23.91	23.41	23.67	23.69	23.49	23.24	26.81	26.46	26.47		
15	1	0		20.29	19.94	20.12	20.13	20.06	19.78	23.22	23.01	22.96		
15	1	37		20.24	20.12	19.97	19.97	19.86	19.64	23.12	23.00	22.82		
15	38	0		20.87	20.71	20.64	20.69	20.41	20.27	23.79	23.57	23.47		
15	1	1	16-QAM	23.07	22.81	22.98	23.32	23.33	22.90	26.21	26.09	25.95	25.50	0.3548
15	1	1	64-QAM	21.70	21.40	21.60	21.58	21.53	21.53	24.65	24.48	24.58		
15	1	1	256-QAM	17.10	16.96	16.99	17.06	17.05	16.97	20.09	20.02	19.99		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	23.86	23.54	23.80	23.72	23.72	23.34	26.80	26.64	26.59	26.10	0.4074
20	1	49		23.88	23.79	23.66	23.52	23.41	23.17	26.71	26.61	26.43		
20	25	12		23.93	23.53	23.76	23.67	23.62	23.33	26.81	26.59	26.56		
20	1	0		20.32	20.04	20.33	20.20	20.22	19.85	23.27	23.14	23.11		
20	1	50		20.22	20.01	20.10	20.03	19.68	19.63	23.14	22.86	22.88		
20	51	0		20.90	20.73	20.71	20.67	20.44	20.32	23.80	23.60	23.53		
20	1	1	16-QAM	23.15	22.83	23.34	23.20	23.17	22.91	26.19	26.01	26.14	25.48	0.3532
20	1	1	64-QAM	21.65	21.41	21.57	21.56	21.76	21.23	24.62	24.60	24.41		
20	1	1	256-QAM	17.17	17.02	17.06	17.03	17.05	16.95	20.11	20.05	20.02		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
25	1	1	QPSK	23.86	23.80	23.77	23.69	23.62	23.49	26.79	26.72	26.64	26.09	0.4064
25	1	63		23.94	23.53	23.58	23.32	23.17	23.18	26.65	26.36	26.39		
25	33	16		23.90	23.80	23.74	23.68	23.47	23.37	26.80	26.65	26.57		
25	1	0		20.37	20.28	20.24	20.12	20.11	19.91	23.26	23.21	23.09		
25	1	64		20.28	19.98	20.05	19.81	19.64	19.62	23.06	22.82	22.85		
25	65	0		20.86	20.74	20.73	20.63	20.46	20.35	23.76	23.61	23.55		
25	1	1	16-QAM	23.11	23.16	23.28	23.18	22.87	22.92	26.16	26.03	26.11	25.45	0.3508
25	1	1	64-QAM	21.72	21.64	21.56	21.82	21.59	21.47	24.78	24.63	24.53		
25	1	1	256-QAM	17.13	17.19	17.01	17.10	16.99	16.99	20.13	20.10	20.01		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	23.83	23.87	23.71	23.69	23.59	23.34	26.77	26.74	26.54	26.07	0.4046
30	1	76		23.70	22.53	23.45	23.45	23.22	23.10	26.59	25.90	26.29		
30	39	19		23.90	23.56	23.68	23.64	23.66	23.26	26.78	26.62	26.49		
30	1	0		20.43	20.30	20.23	20.10	20.10	19.86	23.28	23.21	23.06		
30	1	77		20.26	19.98	20.02	19.87	19.67	19.56	23.08	22.84	22.81		
30	78	0		20.82	20.75	20.66	20.86	20.49	20.23	23.85	23.63	23.46		
30	1	1	16-QAM	23.27	23.25	23.06	23.24	23.17	22.82	26.27	26.22	25.95	25.56	0.3597
30	1	1	64-QAM	21.72	21.70	21.63	21.76	21.63	21.41	24.75	24.68	24.53		
30	1	1	256-QAM	17.25	17.26	17.05	17.17	17.10	16.96	20.22	20.19	20.02		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	23.92	23.76	23.72	23.71	23.65	23.44	26.83	26.72	26.59	26.12	0.4093
40	1	104		23.62	23.84	23.57	23.49	23.31	23.09	26.57	26.59	26.35		
40	53	26		23.84	23.56	23.76	23.62	23.65	23.33	26.74	26.62	26.56		
40	1	0		20.36	20.30	20.24	20.18	20.04	20.01	23.28	23.18	23.14		
40	1	105		20.01	20.21	19.97	19.92	19.74	19.60	22.98	22.99	22.80		
40	106	0		20.82	20.76	20.71	20.60	20.45	20.27	23.72	23.62	23.51		
40	1	1	16-QAM	23.29	23.22	23.21	23.08	23.07	23.91	26.20	26.16	26.58	25.87	0.3864
40	1	1	64-QAM	21.67	21.62	21.54	21.78	21.46	21.61	24.74	24.55	24.59		
40	1	1	256-QAM	17.35	17.07	16.98	17.03	17.04	16.99	20.20	20.07	20.00		
Limit	EIRP < 1W			Result										

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
50	1	1	QPSK	23.82	23.76	23.78	23.85	23.56	23.64	26.85	26.67	26.72	26.14	0.4111
50	1	131		23.53	23.73	23.42	23.51	23.28	23.02	26.53	26.52	26.23		
50	67	33		23.91	23.82	23.67	23.59	23.52	23.37	26.76	26.68	26.53		
50	1	0		20.39	20.32	20.29	20.21	20.11	20.09	23.31	23.23	23.20		
50	1	132		20.07	20.30	19.95	20.00	19.74	19.59	23.05	23.04	22.78		
50	133	0		20.71	20.78	20.64	20.56	20.46	20.33	23.65	23.63	23.50		
50	1	1	16-QAM	23.34	23.33	23.18	23.14	23.18	23.24	26.25	26.27	26.22	25.56	0.3597
50	1	1	64-QAM	21.73	21.74	21.65	21.81	21.48	21.61	24.78	24.62	24.64		
50	1	1	256-QAM	17.33	17.10	17.19	17.09	17.09	17.35	20.22	20.11	20.28		
Limit	EIRP < 1W			Result										

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
60	1	1	QPSK	23.85	23.82	23.85	23.82	23.44	23.73	26.85	26.64	26.80	26.14	0.4111
60	1	160		23.66	23.39	23.44	23.60	23.41	23.07	26.64	26.41	26.27		
60	81	40		23.82	23.61	23.80	23.70	23.64	23.43	26.77	26.64	26.63		
60	1	0		20.29	20.26	20.27	20.27	19.98	20.18	23.29	23.13	23.24		
60	1	161		20.07	19.89	19.83	19.97	19.90	19.64	23.03	22.91	22.75		
60	162	0		20.81	20.80	20.74	20.55	20.44	20.41	23.69	23.63	23.59		
60	1	1	16-QAM	23.30	23.46	23.33	23.31	22.95	23.41	26.32	26.22	26.38	25.67	0.3690
60	1	1	64-QAM	21.73	21.86	21.81	21.87	21.48	21.75	24.81	24.68	24.79		
60	1	1	256-QAM	17.41	17.40	17.28	16.95	16.76	17.34	20.20	20.10	20.32		
Limit	EIRP < 1W			Result										



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
70	1	1	QPSK	23.87	23.73	23.87	23.76	23.52	23.58	26.83	26.64	26.74	26.12	0.4093
70	1	187		23.66	23.35	23.42	23.45	23.26	23.17	26.57	26.32	26.31		
70	95	47		23.76	23.77	23.86	23.74	23.43	23.48	26.76	26.61	26.68		
70	1	0		20.36	20.29	20.34	20.25	19.83	19.99	23.32	23.08	23.18		
70	1	188		20.17	19.82	19.99	20.10	19.73	19.60	23.15	22.79	22.81		
70	189	0		20.74	20.76	20.84	20.62	20.45	20.47	23.69	23.62	23.67		
70	1	1	16-QAM	23.41	23.44	23.40	23.53	22.92	22.86	26.48	26.20	26.15	25.77	0.3776
70	1	1	64-QAM	21.80	21.60	21.68	21.83	21.59	21.41	24.83	24.61	24.56		
70	1	1	256-QAM	17.44	17.16	17.75	17.39	16.96	16.74	20.43	20.07	20.28		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
80	1	1	QPSK	23.95	23.69	23.92	23.82	23.78	23.68	26.90	26.75	26.81	26.19	0.4159
80	1	215		23.48	23.52	23.44	23.56	23.21	23.04	26.53	26.38	26.25		
80	109	54		23.76	23.86	23.84	23.71	23.57	23.51	26.75	26.73	26.69		
80	1	0		20.42	20.28	20.43	20.41	20.35	20.24	23.43	23.33	23.35		
80	1	216		19.98	19.99	19.90	20.12	19.69	19.53	23.06	22.85	22.73		
80	217	0		20.76	23.83	20.80	20.62	23.54	20.47	23.70	26.70	23.65		
80	1	1	16-QAM	23.49	23.52	23.37	23.19	23.51	23.25	26.35	26.53	26.32	25.82	0.3819
80	1	1	64-QAM	22.08	21.61	21.95	21.88	21.95	21.66	24.99	24.79	24.82		
80	1	1	256-QAM	17.32	17.24	17.41	17.22	17.21	17.17	20.28	20.24	20.30		
Limit	EIRP < 1W			Result										

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
90	1	1	QPSK	24.08	23.79	24.00	23.88	23.92	23.64	26.99	26.87	26.83	26.28	0.4246
90	1	243		23.57	23.45	23.41	23.53	23.30	22.99	26.56	26.39	26.22		
90	123	61		23.89	23.91	23.88	23.81	23.58	23.45	26.86	26.76	26.68		
90	1	0		20.65	20.33	20.53	20.45	20.42	20.29	23.56	23.39	23.42		
90	1	244		20.13	20.04	20.03	20.06	19.77	19.57	23.11	22.92	22.82		
90	245	0		20.85	20.82	20.85	20.74	20.53	20.48	23.81	23.69	23.68		
90	1	1	16-QAM	23.65	23.11	23.48	23.34	23.42	23.40	26.51	26.28	26.45	25.80	0.3802
90	1	1	64-QAM	22.07	22.23	21.91	21.89	21.83	21.78	24.99	25.04	24.86		
90	1	1	256-QAM	17.46	17.35	17.36	17.29	17.47	17.16	20.39	20.42	20.27		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
100	1	1	QPSK	24.01	23.94	23.88	23.76	23.72	23.76	26.90	26.84	26.83	26.19	0.4159
100	1	271		23.40	23.52	23.33	23.26	23.15	23.15	26.34	26.35	26.25		
100	137	68		24.05	23.88	24.01	23.73	23.51	23.60	26.90	26.71	26.82		
100	1	0		20.52	20.54	20.34	20.41	20.36	20.25	23.48	23.46	23.31		
100	1	272		19.96	20.02	19.87	19.86	19.67	19.74	22.92	22.86	22.82		
100	273	0		21.01	20.83	20.87	20.70	20.47	20.52	23.87	23.66	23.71		
100	1	1	16-QAM	23.40	23.45	23.36	23.34	23.27	23.12	26.38	26.37	26.25	25.67	0.3690
100	1	1	64-QAM	21.86	22.01	21.64	21.76	21.67	21.77	24.82	24.85	24.72		
100	1	1	256-QAM	17.52	17.58	17.53	17.24	17.37	17.09	20.39	20.49	20.33		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	21.56	21.31	21.63	21.29	21.28	21.43	24.44	24.31	24.54	23.83	0.2415
10	1	22		21.45	21.49	21.61	21.15	21.11	21.13	24.31	24.31	24.39		
10	12	6		21.53	21.48	21.52	21.18	20.95	21.18	24.37	24.23	24.36		
10	1	0		19.53	19.34	19.67	19.21	19.26	19.35	22.38	22.31	22.52		
10	1	23		19.43	19.52	19.59	19.12	19.03	19.10	22.29	22.29	22.36		
10	24	0		19.98	19.96	19.96	19.66	19.55	19.65	22.83	22.77	22.82		
10	1	1	16-QAM	21.12	20.83	21.16	20.83	20.74	20.86	23.99	23.80	24.02	23.31	0.2143
10	1	1	64-QAM	19.52	19.34	19.57	19.29	19.22	19.43	22.42	22.29	22.51		
10	1	1	256-QAM	16.31	16.36	16.71	16.13	16.20	16.43	19.23	19.29	19.58		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	21.64	21.41	21.75	21.36	21.39	21.56	24.51	24.41	24.67	23.96	0.2489
15	1	36		21.51	21.75	21.66	21.28	21.20	21.21	24.41	24.49	24.45		
15	19	9		21.65	21.53	21.72	21.25	21.32	21.43	24.46	24.44	24.59		
15	1	0		19.73	19.50	19.55	19.35	19.38	19.48	22.55	22.45	22.53		
15	1	37		19.55	19.62	19.71	19.40	19.17	19.21	22.49	22.41	22.48		
15	38	0		20.07	20.11	20.17	19.73	19.69	19.91	22.91	22.92	23.05		
15	1	1	16-QAM	21.00	20.77	21.19	20.75	20.75	20.96	23.89	23.77	24.09	23.38	0.2178
15	1	1	64-QAM	19.65	19.51	19.72	19.42	19.36	19.54	22.55	22.45	22.64		
15	1	1	256-QAM	16.42	16.26	16.43	16.16	16.11	16.31	19.30	19.20	19.38		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	21.77	21.46	21.54	21.50	21.53	21.65	24.65	24.51	24.61	23.98	0.2500
20	1	49		21.56	21.69	21.73	21.43	21.23	21.35	24.51	24.48	24.55		
20	25	12		21.69	21.58	21.84	21.35	21.40	21.51	24.53	24.50	24.69		
20	1	0		19.74	19.51	19.61	19.43	19.63	19.59	22.60	22.58	22.61		
20	1	50		19.49	19.63	19.78	19.44	19.21	19.25	22.48	22.44	22.53		
20	51	0		20.13	20.19	20.28	19.78	19.73	19.97	22.97	22.98	23.14		
20	1	1	16-QAM	21.14	20.92	21.07	20.93	21.13	21.15	24.05	24.04	24.12	23.41	0.2193
20	1	1	64-QAM	19.61	19.61	19.42	19.34	19.51	19.51	22.49	22.57	22.48		
20	1	1	256-QAM	16.68	16.35	16.68	16.48	16.17	16.56	19.59	19.27	19.63		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
25	1	1	QPSK	21.91	21.63	21.74	21.49	21.43	21.61	24.72	24.54	24.69	24.01	0.2518
25	1	63		21.65	21.65	21.75	21.47	21.24	21.23	24.57	24.46	24.51		
25	33	16		21.72	21.73	21.87	21.35	21.23	21.55	24.55	24.50	24.72		
25	1	0		19.83	19.66	19.73	19.49	19.47	19.54	22.67	22.58	22.65		
25	1	64		19.71	19.68	19.69	19.42	19.25	19.15	22.58	22.48	22.44		
25	65	0		20.22	20.26	20.35	19.83	19.75	20.07	23.04	23.02	23.22		
25	1	1	16-QAM	21.25	21.02	21.14	20.93	20.84	21.16	24.10	23.94	24.16	23.45	0.2213
25	1	1	64-QAM	19.76	19.49	19.71	19.35	19.32	19.56	22.57	22.42	22.65		
25	1	1	256-QAM	16.83	16.48	16.79	16.51	16.42	16.58	19.68	19.46	19.70		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	21.87	21.87	21.82	21.52	21.65	21.79	24.71	24.77	24.82	24.11	0.2576
30	1	76		21.65	21.83	21.82	21.54	21.46	21.22	24.61	24.66	24.54		
30	39	19		21.75	21.87	21.82	21.58	21.62	21.74	24.68	24.76	24.79		
30	1	0		19.98	19.91	19.92	19.51	19.65	19.76	22.76	22.79	22.85		
30	1	77		19.72	19.88	19.87	19.39	19.46	19.31	22.57	22.69	22.61		
30	78	0		20.21	20.43	20.30	20.02	19.96	20.17	23.13	23.21	23.25		
30	1	1	16-QAM	21.31	21.32	21.17	21.02	20.77	21.38	24.18	24.06	24.29	23.58	0.2280
30	1	1	64-QAM	19.88	19.82	19.79	19.51	19.53	19.56	22.71	22.69	22.69		
30	1	1	256-QAM	16.86	16.86	16.77	16.53	16.64	16.54	19.71	19.76	19.67		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	21.78	21.67	21.78	21.54	21.71	21.45	24.67	24.70	24.63	23.99	0.2506
40	1	104		21.53	21.73	21.68	21.16	21.54	21.32	24.36	24.65	24.51		
40	53	26		21.73	21.72	21.68	21.59	21.48	21.65	24.67	24.61	24.68		
40	1	0		19.87	19.74	19.68	19.52	19.69	19.46	22.71	22.73	22.58		
40	1	105		19.53	19.71	19.72	19.16	19.51	19.24	22.36	22.62	22.50		
40	106	0		20.18	20.27	20.15	20.05	19.79	20.03	23.13	23.05	23.10		
40	1	1	16-QAM	21.32	21.21	21.09	20.97	20.96	20.92	24.16	24.10	24.02	23.45	0.2213
40	1	1	64-QAM	19.78	19.69	19.56	19.36	19.46	19.23	22.59	22.59	22.41		
40	1	1	256-QAM	16.79	16.68	16.54	16.43	16.62	16.43	19.62	19.66	19.50		
Limit	EIRP < 1W			Result										

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
50	1	1	QPSK	21.91	21.84	21.73	21.65	21.79	21.47	24.79	24.83	24.61	24.12	0.2582
50	1	131		21.56	21.83	21.72	21.35	21.57	21.24	24.47	24.71	24.50		
50	67	33		21.81	21.87	21.83	21.64	21.38	21.62	24.74	24.64	24.74		
50	1	0		19.96	19.84	19.87	19.65	19.78	19.44	22.82	22.82	22.67		
50	1	132		19.56	19.82	19.75	19.36	19.47	19.23	22.47	22.66	22.51		
50	133	0		20.26	19.83	20.31	20.12	19.44	20.12	23.20	22.65	23.23		
50	1	1	16-QAM	21.35	21.30	21.16	21.10	21.17	20.88	24.24	24.25	24.03	23.54	0.2259
50	1	1	64-QAM	19.91	19.83	19.66	19.53	19.77	19.52	22.73	22.81	22.60		
50	1	1	256-QAM	16.91	16.92	16.64	16.59	16.75	16.43	19.76	19.85	19.55		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
60	1	1	QPSK	21.98	21.94	21.68	21.67	21.83	21.65	24.84	24.90	24.68	24.19	0.2624
60	1	160		21.73	21.78	21.76	21.25	21.45	21.18	24.51	24.63	24.49		
60	81	40		21.78	21.82	21.87	21.63	21.55	21.71	24.72	24.70	24.80		
60	1	0		20.03	20.02	19.73	19.64	19.86	19.71	22.85	22.95	22.73		
60	1	161		19.63	19.76	19.79	19.22	19.45	19.22	22.44	22.62	22.52		
60	162	0		20.30	20.38	20.33	20.11	19.87	20.15	23.22	23.14	23.25		
60	1	1	16-QAM	21.31	21.14	21.00	21.05	21.53	21.26	24.19	24.35	24.14	23.64	0.2312
60	1	1	64-QAM	20.05	19.95	19.69	19.77	19.72	19.63	22.92	22.85	22.67		
60	1	1	256-QAM	16.83	16.82	16.70	16.46	16.69	16.68	19.66	19.77	19.70		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
70	1	1	QPSK	22.12	22.05	21.91	21.75	21.91	21.90	24.95	24.99	24.92	24.28	0.2679
70	1	187		21.76	21.83	21.89	21.51	21.50	21.26	24.65	24.68	24.60		
70	95	47		21.86	21.98	21.92	21.54	21.44	21.56	24.71	24.73	24.75		
70	1	0		20.17	20.04	20.00	19.74	19.88	19.84	22.97	22.97	22.93		
70	1	188		19.75	19.75	19.82	19.47	19.44	19.17	22.62	22.61	22.52		
70	189	0		20.37	20.48	20.37	20.03	19.89	19.98	23.21	23.21	23.19		
70	1	1	16-QAM	21.41	21.21	21.48	21.39	21.67	21.36	24.41	24.46	24.43	23.75	0.2371
70	1	1	64-QAM	20.00	20.13	19.83	19.66	19.91	19.76	22.84	23.03	22.81		
70	1	1	256-QAM	17.00	17.07	17.12	16.64	16.81	16.87	19.83	19.95	20.01		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
80	1	1	QPSK	22.18	22.07	22.00	21.75	21.75	21.92	24.98	24.92	24.97	24.27	0.2673
80	1	215		21.73	21.93	21.83	21.46	21.49	21.15	24.61	24.73	24.51		
80	109	54		21.89	22.00	21.95	21.54	21.44	21.49	24.73	24.74	24.74		
80	1	0		20.22	20.15	20.02	19.82	19.69	19.93	23.03	22.94	22.99		
80	1	216		19.59	19.89	19.78	19.48	19.41	19.21	22.55	22.67	22.51		
80	217	0		20.37	20.49	20.39	19.97	19.91	19.95	23.18	23.22	23.19		
80	1	1	16-QAM	21.71	21.45	21.72	21.27	21.13	21.50	24.51	24.30	24.62	23.91	0.2460
80	1	1	64-QAM	20.23	20.00	20.08	19.81	19.76	20.15	23.04	22.89	23.13		
80	1	1	256-QAM	17.00	17.02	16.78	16.57	16.64	16.62	19.80	19.84	19.71		
Limit	EIRP < 1W			Result										

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
90	1	1	QPSK	22.20	22.17	22.13	21.77	21.69	21.77	25.00	24.95	24.96	24.29	0.2685
90	1	243		21.94	21.98	21.98	21.38	21.40	21.11	24.68	24.71	24.58		
90	123	61		21.89	22.00	22.00	21.64	21.48	21.45	24.78	24.76	24.74		
90	1	0		20.30	20.23	20.23	19.82	19.74	19.77	23.08	23.00	23.02		
90	1	244		19.98	20.00	19.91	19.44	19.41	19.16	22.73	22.73	22.56		
90	245	0		20.36	20.48	20.49	20.14	19.91	19.94	23.26	23.21	23.23		
90	1	1	16-QAM	21.73	21.53	21.61	21.34	21.34	21.34	24.55	24.45	24.49	23.84	0.2421
90	1	1	64-QAM	20.15	20.23	20.10	19.78	19.84	19.66	22.98	23.05	22.90		
90	1	1	256-QAM	17.26	17.16	17.18	16.84	16.74	16.81	20.07	19.97	20.01		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
100	1	1	QPSK	-	22.23	-	-	21.81	-	-	25.04	-	24.33	0.2710
100	1	271		-	21.81	-	-	21.23	-	-	24.54	-		
100	137	68		-	22.02	-	-	21.44	-	-	24.75	-		
100	1	0		-	20.28	-	-	19.87	-	-	23.09	-		
100	1	272		-	19.93	-	-	19.26	-	-	22.62	-		
100	273	0		-	20.49	-	-	19.91	-	-	23.22	-		
100	1	1	16-QAM	-	21.71	-	-	21.38	-	-	24.56	-	23.85	0.2427
100	1	1	64-QAM	-	20.27	-	-	19.85	-	-	23.08	-		
100	1	1	256-QAM	-	17.25	-	-	16.95	-	-	20.11	-		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	22.81	22.42	21.96	22.87	22.92	23.04	25.85	25.69	25.54	23.87	0.2438
10	1	22		22.81	22.23	21.92	22.91	22.78	22.95	25.87	25.52	25.48		
10	12	6		22.97	22.28	21.97	22.91	22.77	22.99	25.95	25.54	25.52		
10	1	0		19.31	19.92	18.51	19.35	19.48	19.55	22.34	22.72	22.07		
10	1	23		19.26	18.65	18.37	19.37	19.15	19.40	22.33	21.92	21.93		
10	24	0		19.90	19.27	19.02	19.97	19.81	20.00	22.95	22.56	22.55		
10	1	1	16-QAM	22.41	21.97	21.62	22.32	22.51	22.74	25.38	25.26	25.23	23.30	0.2138
10	1	1	64-QAM	20.97	20.43	20.00	20.77	21.07	21.07	23.88	23.77	23.58		
10	1	1	256-QAM	16.25	15.96	15.50	16.14	16.56	16.68	19.21	19.28	19.14		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	22.98	22.56	22.13	22.80	22.94	22.98	25.90	25.76	25.59	23.83	0.2415
15	1	36		22.87	22.00	22.04	22.65	22.95	22.86	25.77	25.51	25.48		
15	19	9		23.03	22.39	22.09	22.76	22.89	22.92	25.91	25.66	25.54		
15	1	0		19.44	18.99	18.52	19.34	19.39	19.42	22.40	22.20	22.00		
15	1	37		19.28	18.67	18.52	19.05	19.19	19.30	22.18	21.95	21.94		
15	38	0		20.01	19.28	19.07	19.77	19.76	19.90	22.90	22.54	22.52		
15	1	1	16-QAM	22.33	21.86	21.38	22.30	22.37	22.51	25.33	25.13	24.99	23.25	0.2113
15	1	1	64-QAM	20.86	20.31	20.02	20.93	21.06	20.97	23.91	23.71	23.53		
15	1	1	256-QAM	16.32	15.74	15.55	16.27	16.57	16.53	19.31	19.19	19.08		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	22.98	22.55	22.12	22.77	22.97	22.96	25.89	25.78	25.57	23.85	0.2427
20	1	49		23.05	22.21	22.20	22.79	22.68	22.88	25.93	25.46	25.56		
20	25	12		23.03	22.42	22.15	22.77	22.93	22.96	25.91	25.69	25.58		
20	1	0		19.53	19.00	18.71	19.28	19.31	19.38	22.42	22.17	22.07		
20	1	50		19.35	18.48	18.57	18.95	19.00	19.34	22.16	21.76	21.98		
20	51	0		20.00	19.23	19.12	19.76	19.75	19.99	22.89	22.51	22.59		
20	1	1	16-QAM	22.41	21.87	21.68	22.46	21.65	22.57	25.45	24.77	25.16	23.37	0.2173
20	1	1	64-QAM	20.82	20.51	19.95	20.80	20.83	20.96	23.82	23.68	23.49		
20	1	1	256-QAM	16.28	15.84	15.62	16.30	16.23	16.44	19.30	19.05	19.06		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
25	1	1	QPSK	22.47	22.42	22.01	22.34	22.81	22.93	25.42	25.63	25.50	23.59	0.2286
25	1	63		22.19	21.89	22.19	21.90	22.39	22.87	25.06	25.16	25.55		
25	33	16		22.75	22.31	22.25	22.48	22.82	23.03	25.63	25.58	25.67		
25	1	0		19.36	19.01	18.73	19.56	19.33	19.56	22.47	22.18	22.18		
25	1	64		19.22	18.60	18.63	18.88	19.04	19.34	22.06	21.84	22.01		
25	65	0		19.90	19.29	19.18	19.65	19.82	20.04	22.79	22.57	22.64		
25	1	1	16-QAM	22.63	21.86	21.64	22.36	22.47	22.56	25.51	25.19	25.13	23.43	0.2203
25	1	1	64-QAM	20.93	20.28	19.97	20.79	20.84	20.91	23.87	23.58	23.48		
25	1	1	256-QAM	16.49	15.78	16.24	16.23	16.34	16.91	19.37	19.08	19.60		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	23.08	22.50	22.19	22.90	22.89	23.10	26.00	25.71	25.68	23.92	0.2466
30	1	76		22.68	22.05	22.11	22.54	22.70	22.89	25.62	25.40	25.53		
30	39	19		22.90	22.50	22.13	22.68	23.01	22.97	25.80	25.77	25.58		
30	1	0		19.54	19.00	18.65	19.33	19.47	19.51	22.45	22.25	22.11		
30	1	77		19.18	18.59	18.55	18.96	19.17	19.35	22.08	21.90	21.98		
30	78	0		19.87	19.29	19.07	19.67	19.82	19.87	22.78	22.57	22.50		
30	1	1	16-QAM	22.55	21.95	21.49	22.34	22.41	22.60	25.46	25.20	25.09	23.38	0.2178
30	1	1	64-QAM	21.04	20.32	20.19	20.71	20.91	20.78	23.89	23.64	23.51		
30	1	1	256-QAM	16.34	15.97	15.50	16.47	16.38	16.67	19.42	19.19	19.13		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	23.01	22.50	22.28	22.90	22.80	23.13	25.97	25.66	25.74	23.89	0.2449
40	1	104		22.57	22.22	22.19	22.59	22.93	22.91	25.59	25.60	25.58		
40	53	26		22.84	22.52	22.21	22.67	23.00	23.00	25.77	25.78	25.63		
40	1	0		19.52	18.90	18.79	19.33	19.51	19.65	22.44	22.23	22.25		
40	1	105		19.03	18.59	18.52	19.07	19.38	19.42	22.06	22.01	22.00		
40	106	0		19.79	19.36	19.18	19.66	19.86	19.98	22.74	22.63	22.61		
40	1	1	16-QAM	22.39	21.82	21.70	22.44	22.42	22.81	25.43	25.14	25.30	23.35	0.2163
40	1	1	64-QAM	20.78	20.44	20.19	20.75	20.82	21.16	23.78	23.64	23.71		
40	1	1	256-QAM	16.29	15.87	15.60	16.30	16.39	16.76	19.31	19.15	19.23		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	23.10	22.50	22.41	22.91	22.94	23.18	26.02	25.74	25.82	23.94	0.2477
50	1	131		22.66	22.16	22.11	22.74	22.83	22.79	25.71	25.52	25.47		
50	67	33		22.82	22.42	22.23	22.70	22.83	23.03	25.77	25.64	25.66		
50	1	0		19.64	18.96	18.87	19.44	19.49	19.66	22.55	22.24	22.29		
50	1	132		19.14	18.69	18.62	19.19	19.30	19.26	22.18	22.02	21.96		
50	133	0		19.75	19.35	19.18	19.68	19.85	20.00	22.73	22.62	22.62		
50	1	1	16-QAM	22.64	22.02	21.74	22.51	22.62	22.80	25.59	25.34	25.31	23.51	0.2244
50	1	1	64-QAM	21.00	20.38	20.26	20.94	20.96	21.17	23.98	23.69	23.75		
50	1	1	256-QAM	16.50	15.89	15.71	16.48	16.58	16.86	19.50	19.26	19.33		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	23.04	22.43	22.66	22.93	22.97	23.56	26.00	25.72	26.14	24.06	0.2547
60	1	160		22.62	22.14	22.13	22.88	22.93	22.90	25.76	25.56	25.54		
60	81	40		22.79	22.49	22.27	22.71	23.06	23.06	25.76	25.79	25.69		
60	1	0		19.61	18.89	19.08	19.45	19.38	19.85	22.54	22.15	22.49		
60	1	161		23.07	18.64	18.61	22.96	19.36	19.37	26.03	22.03	22.02		
60	162	0		19.72	19.30	19.29	19.69	19.88	20.09	22.72	22.61	22.72		
60	1	1	16-QAM	22.70	22.07	22.13	22.43	22.37	22.84	25.58	25.23	25.51	23.50	0.2239
60	1	1	64-QAM	21.12	20.21	20.52	20.68	21.17	21.40	23.92	23.73	23.99		
60	1	1	256-QAM	16.31	15.73	16.24	16.32	16.37	16.75	19.33	19.07	19.51		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	23.25	22.31	22.29	23.06	22.97	23.10	26.17	25.66	25.72	24.09	0.2564
70	1	187		22.69	22.08	22.13	22.70	22.83	22.88	25.71	25.48	25.53		
70	95	47		22.81	22.30	22.45	22.80	22.85	23.18	25.82	25.59	25.84		
70	1	0		19.71	18.87	18.79	19.50	19.45	19.59	22.62	22.18	22.22		
70	1	188		19.17	18.58	18.63	19.23	19.38	19.35	22.21	22.01	22.02		
70	189	0		19.83	19.36	19.40	19.78	19.87	20.16	22.82	22.63	22.81		
70	1	1	16-QAM	22.70	21.91	21.52	22.44	22.54	22.77	25.58	25.25	25.20	23.50	0.2239
70	1	1	64-QAM	21.20	20.23	20.21	21.06	21.02	21.03	24.14	23.65	23.65		
70	1	1	256-QAM	16.54	15.59	15.84	16.44	16.44	16.54	19.50	19.05	19.21		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	23.17	22.72	22.45	23.03	23.24	23.21	26.11	26.00	25.86	24.03	0.2529
80	1	215		22.62	21.97	21.98	22.66	22.73	22.80	25.65	25.38	25.42		
80	109	54		22.86	22.45	22.42	22.81	22.95	23.16	25.85	25.72	25.82		
80	1	0		19.73	19.22	18.95	19.54	19.74	19.79	22.65	22.50	22.40		
80	1	216		19.06	18.50	18.54	19.17	19.26	19.32	22.13	21.91	21.96		
80	217	0		19.82	19.32	19.38	19.77	19.92	20.14	22.81	22.64	22.79		
80	1	1	16-QAM	22.72	22.14	21.97	22.48	22.72	22.73	25.61	25.45	25.38	23.53	0.2254
80	1	1	64-QAM	21.19	20.66	20.55	20.93	21.27	21.30	24.07	23.99	23.95		
80	1	1	256-QAM	16.61	16.16	15.92	16.44	16.47	16.67	19.54	19.33	19.32		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	23.20	22.67	22.38	23.00	23.18	23.14	26.11	25.94	25.79	24.03	0.2529
90	1	243		22.44	21.79	21.94	22.61	22.68	22.72	25.54	25.27	25.36		
90	123	61		22.90	22.31	22.34	22.93	22.85	23.13	25.93	25.60	25.76		
90	1	0		19.82	19.24	18.97	19.58	19.71	19.65	22.71	22.49	22.33		
90	1	244		18.92	18.46	18.52	19.21	19.22	19.21	22.08	21.87	21.89		
90	245	0		19.85	19.31	19.35	19.87	19.89	20.07	22.87	22.62	22.74		
90	1	1	16-QAM	22.68	22.20	21.91	22.52	22.74	22.97	25.61	25.49	25.48	23.53	0.2254
90	1	1	64-QAM	21.29	20.68	20.20	21.09	21.33	21.07	24.20	24.03	23.67		
90	1	1	256-QAM	16.67	16.13	16.16	16.43	16.67	16.65	19.56	19.42	19.42		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	23.01	22.72	22.52	23.02	23.10	23.04	26.03	25.92	25.80	23.95	0.2483
100	1	271		22.15	21.70	21.63	22.57	23.40	22.63	25.38	25.64	25.17		
100	137	68		22.86	22.27	22.39	23.01	22.84	23.12	25.95	25.57	25.78		
100	1	0		19.64	19.25	19.07	19.67	19.63	19.73	22.67	22.45	22.42		
100	1	272		18.70	18.33	18.12	19.10	19.01	19.14	21.91	21.69	21.67		
100	273	0		18.78	19.22	19.31	19.96	19.74	20.11	22.42	22.50	22.74		
100	1	1	16-QAM	22.49	22.12	22.07	22.54	22.62	22.49	25.53	25.39	25.30	23.45	0.2213
100	1	1	64-QAM	20.80	20.70	20.57	21.12	21.06	21.12	23.97	23.89	23.86		
100	1	1	256-QAM	16.61	16.06	15.94	16.74	16.70	16.74	19.69	19.40	19.37		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	20.53	20.35	20.30	20.22	20.11	20.26	23.39	23.24	23.29	21.31	0.1352
10	1	22		20.50	20.23	20.11	20.08	20.04	20.09	23.31	23.15	23.11		
10	12	6		20.48	20.16	20.05	20.09	19.96	20.00	23.30	23.07	23.04		
10	1	0		18.64	18.38	18.36	18.15	18.00	18.29	21.41	21.20	21.34		
10	1	23		18.45	18.18	18.12	18.06	18.02	18.09	21.27	21.11	21.12		
10	24	0		18.95	18.64	18.52	18.54	18.48	18.47	21.76	21.57	21.51		
10	1	1	16-QAM	20.08	19.84	19.72	19.79	19.64	19.85	22.95	22.75	22.80	20.87	0.1222
10	1	1	64-QAM	18.68	18.34	18.20	18.22	18.17	18.15	21.47	21.27	21.19		
10	1	1	256-QAM	15.65	15.31	15.38	14.98	15.12	15.20	18.34	18.23	18.30		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	20.62	20.42	20.36	20.20	20.06	20.25	23.43	23.25	23.32	21.35	0.1365
15	1	36		20.45	20.25	20.08	20.06	20.09	20.04	23.27	23.18	23.07		
15	19	9		20.48	20.38	20.30	20.06	20.15	20.24	23.29	23.28	23.28		
15	1	0		18.61	18.43	18.32	18.20	18.06	18.12	21.42	21.26	21.23		
15	1	37		18.62	18.24	18.00	18.18	18.04	17.99	21.42	21.15	21.01		
15	38	0		18.95	18.71	18.75	18.53	18.43	18.73	21.76	21.58	21.75		
15	1	1	16-QAM	20.22	19.78	19.87	19.65	19.46	19.91	22.95	22.63	22.90	20.87	0.1222
15	1	1	64-QAM	18.62	18.26	18.79	18.20	18.00	18.33	21.43	21.14	21.58		
15	1	1	256-QAM	15.46	15.39	15.35	15.00	15.25	15.17	18.25	18.33	18.27		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	20.59	20.35	20.33	20.15	20.11	20.29	23.39	23.24	23.32	21.31	0.1352
20	1	49		20.55	20.17	20.07	20.11	20.08	20.00	23.35	23.14	23.05		
20	25	12		20.54	20.38	20.32	20.15	20.12	20.27	23.36	23.26	23.31		
20	1	0		18.73	18.44	18.37	18.19	18.08	18.29	21.48	21.27	21.34		
20	1	50		18.50	18.15	18.03	18.15	18.03	18.00	21.34	21.10	21.03		
20	51	0		19.00	18.73	18.81	18.57	18.47	18.72	21.80	21.61	21.78		
20	1	1	16-QAM	20.23	20.00	20.00	19.63	19.56	19.89	22.95	22.80	22.96	20.88	0.1225
20	1	1	64-QAM	18.68	18.46	18.38	18.25	18.12	18.27	21.48	21.30	21.34		
20	1	1	256-QAM	15.59	15.43	15.23	15.13	14.98	15.10	18.38	18.22	18.18		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	20.65	20.30	20.44	20.14	20.00	20.32	23.41	23.16	23.39	21.33	0.1358
25	1	63		20.55	20.15	20.05	20.00	20.03	20.00	23.29	23.10	23.04		
25	33	16		20.53	20.25	20.36	20.06	20.00	20.26	23.31	23.14	23.32		
25	1	0		18.74	18.38	18.44	18.18	17.96	18.37	21.48	21.19	21.42		
25	1	64		18.58	18.15	18.11	18.00	18.06	18.00	21.31	21.12	21.07		
25	65	0		19.00	18.71	18.81	18.53	18.47	18.77	21.78	21.60	21.80		
25	1	1	16-QAM	20.00	19.83	20.00	19.94	19.57	19.86	22.98	22.71	22.94	20.90	0.1230
25	1	1	64-QAM	18.48	18.34	18.26	18.14	18.00	18.66	21.32	21.18	21.47		
25	1	1	256-QAM	15.55	15.28	15.22	15.00	14.94	15.37	18.29	18.12	18.31		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	20.64	20.43	20.33	20.26	19.99	20.43	23.46	23.23	23.39	21.42	0.1387
30	1	76		20.52	20.16	19.93	20.09	20.08	20.16	23.32	23.13	23.06		
30	39	19		20.73	20.41	20.28	20.24	20.16	20.27	23.50	23.30	23.29		
30	1	0		18.73	18.42	18.34	18.30	17.95	18.43	21.53	21.20	21.40		
30	1	77		18.52	18.24	18.00	18.03	18.06	17.96	21.29	21.16	20.99		
30	78	0	19.19	18.72	18.78	18.74	18.49	16.74	21.98	21.62	20.89	20.84	0.1213	
30	1	1	16-QAM	20.07	19.89	19.79	19.68	19.46	20.02	22.89	22.69			22.92
30	1	1	64-QAM	18.63	18.79	18.29	18.38	18.17	18.42	21.52	21.50			21.37
30	1	1	256-QAM	15.65	15.32	15.26	15.17	14.82	15.41	18.43	18.09	18.35	Limit	EIRP < 1W
Result											Pass			

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	20.62	20.59	20.20	20.19	20.12	20.13	23.42	23.37	23.18	21.34	0.1361
40	1	104		20.23	20.36	20.00	19.79	20.26	20.01	23.03	23.32	23.02		
40	53	26		20.63	20.42	20.33	20.16	20.15	20.32	23.41	23.30	23.34		
40	1	0		18.73	18.63	18.25	18.20	18.15	18.23	21.48	21.41	21.25		
40	1	105		18.23	18.31	17.98	17.75	18.26	17.91	21.01	21.30	20.96		
40	106	0	19.14	18.72	18.81	18.67	18.48	18.79	21.92	21.61	21.81	20.85	0.1216	
40	1	1	16-QAM	20.00	19.97	19.64	19.83	19.78	19.84	22.93	22.89			22.75
40	1	1	64-QAM	18.57	18.45	18.16	18.23	18.07	18.41	21.41	21.27			21.30
40	1	1	256-QAM	15.65	15.62	15.00	15.13	15.10	15.15	18.41	18.38	18.09	Limit	EIRP < 1W
Result											Pass			

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.75	21.68	21.22	21.22	21.34	21.06	24.50	24.52	24.15	22.44	0.1754
50	1	131		21.30	21.29	20.98	21.00	21.21	20.86	24.16	24.26	23.93		
50	67	33		21.64	21.29	21.38	21.13	20.98	21.31	24.40	24.15	24.36		
50	1	0		19.84	19.72	19.23	19.24	19.31	19.07	22.56	22.53	22.16		
50	1	132		19.30	19.27	18.95	19.01	19.22	18.90	22.17	22.26	21.94		
50	133	0	20.13	19.71	19.86	19.69	19.53	19.78	22.93	22.63	22.83	21.89	0.1545	
50	1	1	16-QAM	21.05	21.26	20.73	20.74	20.64	20.62	23.91	23.97			23.69
50	1	1	64-QAM	19.65	19.70	19.38	19.22	19.23	19.23	22.45	22.48			22.32
50	1	1	256-QAM	16.76	16.57	16.00	16.12	16.28	16.10	19.46	19.44	19.06	Limit	EIRP < 1W
Result											Pass			

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	20.75	20.68	20.22	20.22	20.34	20.06	23.50	23.52	23.15	21.44	0.1393
60	1	160		20.30	20.29	19.98	20.00	20.21	19.86	23.16	23.26	22.93		
60	81	40		20.64	20.29	20.38	20.13	19.98	20.31	23.40	23.15	23.36		
60	1	0		18.84	18.72	18.23	18.24	18.31	18.07	21.56	21.53	21.16		
60	1	161		18.30	18.27	17.95	18.01	18.22	17.90	21.17	21.26	20.94		
60	162	0	19.13	18.71	18.86	18.69	18.53	18.78	21.93	21.63	21.83	20.89	0.1227	
60	1	1	16-QAM	20.05	20.26	19.73	19.74	19.64	19.62	22.91	22.97			22.69
60	1	1	64-QAM	18.65	18.70	18.38	18.22	18.23	18.23	21.45	21.48			21.32
60	1	1	256-QAM	15.76	15.57	15.00	15.12	15.28	15.10	18.46	18.44	18.06	Limit	EIRP < 1W
Result											Pass			



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	20.89	20.85	20.83	20.31	20.43	20.29	23.62	23.66	23.58	21.58	0.1439
70	1	187		20.36	20.20	20.09	20.20	20.05	19.51	23.29	23.14	22.82		
70	95	47		20.44	20.33	20.37	20.03	20.06	20.20	23.25	23.21	23.30		
70	1	0		18.92	18.89	18.82	18.33	18.40	18.27	21.65	21.66	21.56		
70	1	188		18.35	18.21	18.06	18.16	18.05	17.95	21.27	21.14	21.02		
70	189	0		18.95	18.79	18.82	18.60	18.48	18.61	21.79	21.65	21.73		
70	1	1	16-QAM	20.24	20.37	20.32	19.87	20.00	19.86	23.07	23.20	23.11	21.12	0.1294
70	1	1	64-QAM	18.60	18.81	18.62	18.45	18.52	18.39	21.54	21.68	21.52		
70	1	1	256-QAM	15.90	15.78	15.77	15.37	15.42	15.06	18.65	18.61	18.44		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	21.82	21.74	21.87	21.36	21.29	21.41	24.61	24.53	24.66	22.58	0.1811
80	1	215		21.15	21.20	21.03	21.06	21.03	20.78	24.12	24.13	23.92		
80	109	54		21.45	21.34	21.33	21.11	21.06	21.16	24.29	24.21	24.26		
80	1	0		19.87	19.84	19.93	19.36	19.32	19.46	22.63	22.60	22.71		
80	1	216		19.11	19.15	18.95	19.06	19.05	18.87	22.10	22.11	21.92		
80	217	0		19.91	19.80	19.79	19.57	19.47	19.51	22.75	22.65	22.66		
80	1	1	16-QAM	21.26	21.23	21.22	20.92	20.78	21.03	24.10	24.02	24.14	22.06	0.1607
80	1	1	64-QAM	19.91	19.68	20.01	19.24	19.43	19.55	22.60	22.57	22.80		
80	1	1	256-QAM	16.84	16.70	16.68	16.46	16.15	16.44	19.66	19.44	19.57		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	20.82	20.74	20.87	20.36	20.29	20.41	23.61	23.53	23.66	21.58	0.1439
90	1	243		20.15	20.20	20.03	20.06	20.03	19.78	23.12	23.13	22.92		
90	123	61		20.45	20.34	20.33	20.11	20.06	20.16	23.29	23.21	23.26		
90	1	0		18.87	18.84	18.93	18.36	18.32	18.46	21.63	21.60	21.71		
90	1	244		18.11	18.15	17.95	18.06	18.05	17.87	21.10	21.11	20.92		
90	245	0		18.91	18.80	18.79	18.57	18.47	18.51	21.75	21.65	21.66		
90	1	1	16-QAM	20.26	20.23	20.22	19.92	19.78	20.03	23.10	23.02	23.14	21.06	0.1276
90	1	1	64-QAM	18.91	18.68	19.01	18.24	18.43	18.55	21.60	21.57	21.80		
90	1	1	256-QAM	15.84	15.70	15.68	15.46	15.15	15.44	18.66	18.44	18.57		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	20.87	-	-	20.40	-	-	23.65	-	21.57	0.1435
100	1	271		-	19.89	-	-	19.93	-	-	22.92	-		
100	137	68		-	20.37	-	-	20.07	-	-	23.23	-		
100	1	0		-	18.99	-	-	18.48	-	-	21.75	-		
100	1	272		-	18.03	-	-	17.92	-	-	20.99	-		
100	273	0		-	18.83	-	-	18.51	-	-	21.68	-		
100	1	1	16-QAM	-	20.42	-	-	20.00	-	-	23.23	-	21.15	0.1303
100	1	1	64-QAM	-	18.84	-	-	18.66	-	-	21.76	-		
100	1	1	256-QAM	-	15.85	-	-	15.53	-	-	18.70	-		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	23.51	23.50	23.61	22.81	23.04	23.07	26.18	26.29	26.36	25.72	0.3733
10	1	22		23.61	23.79	23.44	22.85	22.82	22.98	26.26	26.34	26.23		
10	12	6		23.75	23.78	23.39	22.85	22.80	23.01	26.33	26.33	26.21		
10	1	0		20.04	20.02	20.12	19.30	19.50	19.57	22.70	22.78	22.86		
10	1	23		20.15	20.24	19.87	19.30	19.30	19.41	22.76	22.81	22.66		
10	24	0		20.68	20.76	20.37	19.85	19.81	19.95	23.30	23.32	23.18		
10	1	1	16-QAM	23.02	23.09	23.05	22.26	22.59	22.56	25.67	25.86	25.82	25.22	0.3327
10	1	1	64-QAM	21.56	21.41	21.45	20.83	21.06	21.02	24.22	24.25	24.25		
10	1	1	256-QAM	16.77	17.12	16.83	16.39	16.31	16.56	19.59	19.74	19.71		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	23.82	23.42	23.70	22.89	22.97	23.07	26.39	26.21	26.41	25.84	0.3837
15	1	36		23.84	23.70	23.56	22.71	22.86	22.99	26.32	26.31	26.29		
15	19	9		23.96	23.56	23.76	22.91	22.96	23.11	26.48	26.28	26.46		
15	1	0		20.33	19.93	20.21	19.36	19.48	19.44	22.88	22.72	22.85		
15	1	37		20.37	20.24	20.01	19.10	19.20	19.42	22.79	22.76	22.74		
15	38	0		20.92	20.75	20.70	19.79	19.84	20.06	23.40	23.33	23.40		
15	1	1	16-QAM	23.40	22.98	23.14	22.39	22.71	22.53	25.93	25.86	25.86	25.29	0.3381
15	1	1	64-QAM	21.84	21.46	21.65	20.87	21.16	21.20	24.39	24.32	24.44		
15	1	1	256-QAM	17.41	17.10	16.74	16.27	16.36	16.66	19.89	19.76	19.71		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	23.89	23.52	23.77	22.90	23.01	23.05	26.43	26.28	26.44	25.82	0.3819
20	1	49		23.90	23.76	23.62	22.55	22.84	23.05	26.29	26.33	26.35		
20	25	12		23.98	23.56	23.77	22.84	22.96	23.10	26.46	26.28	26.46		
20	1	0		20.42	20.04	20.28	19.37	19.57	19.53	22.94	22.82	22.93		
20	1	50		20.30	20.03	20.04	19.04	19.12	19.46	22.73	22.61	22.77		
20	51	0		20.94	20.74	20.71	19.80	19.82	20.09	23.42	23.31	23.42		
20	1	1	16-QAM	23.26	22.69	23.32	22.48	22.75	22.69	25.90	25.73	26.03	25.39	0.3459
20	1	1	64-QAM	21.82	21.45	21.63	20.83	21.00	20.97	24.36	24.24	24.32		
20	1	1	256-QAM	17.00	16.77	17.05	16.41	16.45	16.48	19.73	19.62	19.78		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
25	1	1	QPSK	23.92	23.85	23.79	22.88	22.96	23.15	26.44	26.44	26.49	25.85	0.3846
25	1	63		23.80	23.58	23.50	22.52	22.54	23.00	26.22	26.10	26.27		
25	33	16		23.97	23.83	23.82	22.77	22.87	23.10	26.42	26.39	26.49		
25	1	0		20.41	20.31	20.27	19.41	19.37	19.63	22.95	22.88	22.97		
25	1	64		20.30	20.01	20.06	18.99	19.12	19.42	22.70	22.60	22.76		
25	65	0		20.96	20.78	20.79	19.77	19.83	20.20	23.42	23.34	23.52		
25	1	1	16-QAM	23.35	23.17	23.12	22.47	22.49	22.71	25.94	25.85	25.93	25.30	0.3388
25	1	1	64-QAM	21.67	21.71	21.66	20.68	20.99	21.27	24.21	24.38	24.48		
25	1	1	256-QAM	17.32	17.26	16.98	16.50	16.28	16.70	19.94	19.81	19.85		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	23.92	23.89	23.77	22.92	22.99	23.08	26.46	26.47	26.45	25.83	0.3828
30	1	76		23.82	23.54	23.50	22.57	22.77	22.92	26.25	26.18	26.23		
30	39	19		23.98	23.64	23.73	22.75	23.09	23.01	26.42	26.38	26.40		
30	1	0		20.44	20.37	20.21	19.41	19.48	19.55	22.97	22.96	22.90		
30	1	77		20.33	20.05	20.01	18.97	19.17	19.37	22.71	22.64	22.71		
30	78	0		20.93	20.84	20.71	19.71	19.91	19.98	23.37	23.41	23.37		
30	1	1	16-QAM	23.28	23.24	23.20	22.42	22.67	22.72	25.88	25.97	25.98	25.34	0.3420
30	1	1	64-QAM	21.68	21.88	21.77	20.88	21.08	21.53	24.31	24.51	24.66		
30	1	1	256-QAM	17.62	17.21	17.18	16.29	16.44	16.48	20.02	19.85	19.85		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	23.91	23.91	23.79	22.92	22.88	23.26	26.45	26.44	26.54	25.90	0.3890
40	1	104		23.67	23.80	23.58	22.68	22.88	23.00	26.21	26.37	26.31		
40	53	26		23.91	23.53	23.85	22.72	22.91	23.08	26.37	26.24	26.49		
40	1	0		20.40	20.29	20.29	19.37	19.38	19.66	22.93	22.87	23.00		
40	1	105		20.07	20.40	20.03	19.15	19.27	19.45	22.64	22.88	22.76		
40	106	0		20.88	20.82	20.78	19.74	19.87	20.04	23.36	23.38	23.44		
40	1	1	16-QAM	23.16	23.29	23.12	22.45	22.41	22.89	25.83	25.88	26.02	25.38	0.3451
40	1	1	64-QAM	21.76	21.79	21.66	20.89	21.04	21.21	24.36	24.44	24.45		
40	1	1	256-QAM	17.20	17.23	17.35	16.44	16.28	16.78	19.85	19.79	20.08		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	23.99	23.83	23.89	23.04	22.98	23.27	26.55	26.44	26.60	25.96	0.3945
50	1	131		23.68	23.79	23.56	22.78	22.87	22.90	26.26	26.36	26.25		
50	67	33		23.96	23.86	23.79	22.72	22.89	23.08	26.39	26.41	26.46		
50	1	0		20.48	20.34	20.47	19.48	19.46	19.68	23.02	22.93	23.10		
50	1	132		20.14	20.31	20.11	19.33	19.38	19.44	22.76	22.88	22.80		
50	133	0		20.92	20.80	20.74	19.73	19.88	20.09	23.38	23.37	23.44		
50	1	1	16-QAM	23.46	23.22	23.11	22.68	22.41	22.91	26.10	25.84	26.02	25.46	0.3516
50	1	1	64-QAM	21.83	21.64	21.78	21.08	20.99	21.36	24.48	24.34	24.59		
50	1	1	256-QAM	17.19	17.51	17.10	16.60	16.24	16.89	19.92	19.93	20.01		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	24.01	23.87	23.99	23.02	22.93	23.39	26.55	26.44	26.71	26.07	0.4046
60	1	160		23.80	23.40	23.51	22.88	22.88	22.78	26.37	26.16	26.17		
60	81	40		23.93	23.65	23.81	22.73	23.05	23.03	26.38	26.37	26.45		
60	1	0		20.49	20.34	20.47	19.52	19.40	19.81	23.04	22.91	23.16		
60	1	161		20.08	19.88	20.03	19.16	19.37	19.37	22.65	22.64	22.72		
60	162	0		20.90	20.81	20.83	19.73	19.89	20.06	23.36	23.38	23.47		
60	1	1	16-QAM	23.39	23.37	23.49	22.51	22.71	22.80	25.98	26.06	26.17	25.53	0.3573
60	1	1	64-QAM	21.93	21.81	21.90	20.89	21.05	21.36	24.45	24.46	24.65		
60	1	1	256-QAM	17.25	17.33	17.37	16.47	16.45	16.82	19.89	19.92	20.11		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	24.04	23.80	23.98	23.06	22.94	23.09	26.59	26.40	26.57	25.95	0.3936
70	1	187		23.81	23.38	23.66	22.82	22.89	22.92	26.35	26.15	26.32		
70	95	47		23.85	23.80	23.93	22.82	22.84	23.20	26.38	26.36	26.59		
70	1	0		20.57	20.25	20.48	19.54	19.43	19.59	23.10	22.87	23.07		
70	1	188		20.32	19.88	20.08	19.32	19.33	19.33	22.86	22.62	22.73		
70	189	0		20.83	20.83	20.96	19.79	19.90	20.20	23.35	23.40	23.61		
70	1	1	16-QAM	23.44	23.41	23.57	22.45	22.47	22.59	25.98	25.98	26.12	25.48	0.3532
70	1	1	64-QAM	21.98	21.96	21.92	20.82	20.87	21.18	24.45	24.46	24.58		
70	1	1	256-QAM	17.28	17.14	17.48	16.38	16.56	16.76	19.86	19.87	20.15		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	23.88	23.72	23.87	22.95	23.32	23.13	26.45	26.53	26.53	25.89	0.3882
80	1	215		23.44	23.49	23.39	22.64	22.65	22.76	26.07	26.10	26.10		
80	109	54		23.76	23.78	23.74	22.81	22.90	23.04	26.32	26.37	26.41		
80	1	0		20.47	20.17	20.43	19.55	19.78	19.73	23.04	22.99	23.10		
80	1	216		19.98	19.99	20.03	19.20	19.24	19.22	22.62	22.64	22.65		
80	217	0		20.74	20.72	20.75	19.76	19.87	20.09	23.29	23.33	23.44		
80	1	1	16-QAM	23.29	23.18	23.47	22.42	22.61	22.55	25.89	25.91	26.04	25.40	0.3467
80	1	1	64-QAM	21.76	21.65	21.89	20.74	21.19	21.35	24.29	24.44	24.64		
80	1	1	256-QAM	16.99	17.12	17.39	16.33	16.76	16.72	19.68	19.95	20.08		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	23.99	23.76	23.84	23.05	23.18	23.15	26.56	26.49	26.52	25.92	0.3908
90	1	243		23.49	23.44	23.33	22.72	22.65	22.73	26.13	26.07	26.05		
90	123	61		23.87	23.85	23.72	22.98	22.96	23.02	26.46	26.44	26.39		
90	1	0		20.46	20.32	20.35	19.58	19.77	19.72	23.05	23.06	23.06		
90	1	244		20.07	20.05	19.92	19.27	19.19	19.28	22.70	22.65	22.62		
90	245	0		20.74	20.81	20.77	19.84	19.92	20.08	23.32	23.40	23.45		
90	1	1	16-QAM	23.27	23.02	22.64	22.61	22.54	23.42	25.96	25.80	26.06	25.42	0.3483
90	1	1	64-QAM	21.84	21.79	21.79	20.92	21.20	21.18	24.41	24.52	24.51		
90	1	1	256-QAM	17.50	17.05	17.52	16.40	16.57	16.86	20.00	19.83	20.21		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	23.94	23.93	23.99	23.01	23.05	23.07	26.51	26.52	26.56	25.92	0.3908
100	1	271		23.28	23.46	22.97	22.51	22.51	22.58	25.92	26.02	25.79		
100	137	68		23.94	23.77	23.79	22.99	22.77	23.14	26.50	26.31	26.49		
100	1	0		20.39	20.48	20.43	19.57	19.67	19.68	23.01	23.10	23.08		
100	1	272		19.84	19.97	19.55	19.06	19.00	19.20	22.48	22.52	22.39		
100	273	0		20.89	20.70	20.77	19.96	19.74	20.11	23.46	23.26	23.46		
100	1	1	16-QAM	23.34	23.56	23.45	22.43	22.63	22.83	25.92	26.13	26.16	25.52	0.3565
100	1	1	64-QAM	21.80	21.72	21.87	21.06	21.04	20.93	24.46	24.40	24.44		
100	1	1	256-QAM	17.38	17.51	17.68	16.60	16.48	16.57	20.02	20.04	20.17		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	21.53	21.42	21.68	20.32	20.25	20.43	23.98	23.88	24.11	23.47	0.2223
10	1	22		21.47	21.46	21.51	20.16	20.13	20.21	23.87	23.86	23.92		
10	12	6		21.52	21.48	21.42	20.22	20.10	20.12	23.93	23.85	23.83		
10	1	0		19.58	19.34	19.61	18.28	18.20	18.40	21.99	21.82	22.06		
10	1	23		19.45	19.46	19.49	18.13	18.08	18.11	21.85	21.83	21.86		
10	24	0		19.95	19.96	19.93	18.66	18.58	18.65	22.36	22.33	22.35		
10	1	1	16-QAM	20.89	20.73	20.97	19.88	19.78	19.87	23.42	23.29	23.47	22.83	0.1919
10	1	1	64-QAM	19.49	19.23	19.38	18.00	18.32	18.45	21.82	21.81	21.95		
10	1	1	256-QAM	16.43	16.27	16.56	15.38	15.21	15.32	18.95	18.78	18.99		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	21.57	21.28	21.59	20.32	20.22	20.43	24.00	23.79	24.06	23.42	0.2198
15	1	36		21.36	21.44	21.46	20.17	20.23	20.16	23.82	23.89	23.87		
15	19	9		21.50	21.38	21.56	20.23	20.23	20.32	23.92	23.85	23.99		
15	1	0		19.64	19.29	19.43	18.32	18.21	18.43	22.04	21.79	21.97		
15	1	37		19.38	19.36	19.46	18.30	18.27	18.18	21.88	21.86	21.88		
15	38	0		19.97	19.95	20.05	18.69	18.59	18.83	22.39	22.33	22.49		
15	1	1	16-QAM	21.03	20.95	20.93	19.94	19.72	19.89	23.53	23.39	23.45	22.89	0.1945
15	1	1	64-QAM	19.43	19.53	19.45	18.53	18.36	18.30	22.01	21.99	21.92		
15	1	1	256-QAM	16.54	16.19	16.44	15.35	15.11	15.33	19.00	18.69	18.93		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	21.53	21.30	21.27	20.35	20.23	20.45	23.99	23.81	23.89	23.38	0.2178
20	1	49		21.31	21.48	21.38	20.31	20.23	20.38	23.85	23.91	23.92		
20	25	12		21.48	21.37	21.59	20.22	20.25	20.34	23.91	23.86	24.02		
20	1	0		19.55	19.38	19.32	18.35	18.22	18.42	22.00	21.85	21.90		
20	1	50		19.32	19.34	19.42	18.21	18.22	18.09	21.81	21.83	21.82		
20	51	0		19.97	19.95	20.05	18.69	18.60	18.86	22.39	22.34	22.51		
20	1	1	16-QAM	21.02	20.79	20.98	19.76	19.74	19.95	23.45	23.31	23.51	22.87	0.1936
20	1	1	64-QAM	19.43	19.21	19.35	18.11	18.45	18.65	21.83	21.86	22.02		
20	1	1	256-QAM	16.53	16.22	16.23	15.46	15.21	15.31	19.04	18.75	18.80		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	21.56	21.43	21.42	20.36	20.05	20.49	24.01	23.80	23.99	23.37	0.2173
25	1	63		21.32	21.36	21.39	20.22	20.20	20.13	23.82	23.83	23.82		
25	33	16		21.44	21.48	21.53	20.21	20.07	20.36	23.88	23.84	23.99		
25	1	0		19.62	19.47	19.38	18.37	18.12	18.50	22.05	21.86	21.97		
25	1	64		19.32	19.35	19.42	18.20	18.20	18.10	21.81	21.82	21.82		
25	65	0		19.92	19.97	20.00	18.66	18.58	18.84	22.35	22.34	22.47		
25	1	1	16-QAM	21.03	20.75	20.86	19.89	19.75	19.95	23.51	23.29	23.44	22.87	0.1936
25	1	1	64-QAM	19.44	19.22	19.33	18.47	18.05	18.23	21.99	21.68	21.83		
25	1	1	256-QAM	16.52	16.32	16.46	15.23	14.95	15.53	18.93	18.70	19.03		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	21.65	21.54	21.35	20.32	20.16	20.50	24.05	23.91	23.96	23.41	0.2193
30	1	76		21.29	21.38	21.42	20.13	20.25	20.05	23.76	23.86	23.80		
30	39	19		21.38	21.45	21.35	20.34	20.32	20.36	23.90	23.93	23.89		
30	1	0		19.63	19.56	19.48	18.26	18.13	18.54	22.01	21.91	22.05		
30	1	77		19.31	19.43	19.46	18.15	18.22	18.00	21.78	21.88	21.80		
30	78	0		19.82	20.05	19.87	18.79	18.59	18.87	22.35	22.39	22.41		
30	1	1	16-QAM	21.25	20.95	20.90	19.82	19.61	19.96	23.60	23.34	23.47	22.96	0.1977
30	1	1	64-QAM	19.48	19.35	19.21	18.23	18.23	18.78	21.91	21.84	22.01		
30	1	1	256-QAM	16.35	16.43	16.32	15.38	15.03	15.42	18.90	18.80	18.90		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	21.63	21.53	21.37	20.32	20.32	20.31	24.03	23.98	23.88	23.39	0.2183
40	1	104		21.32	21.43	21.42	19.95	20.45	20.13	23.70	23.98	23.83		
40	53	26		21.48	21.44	21.38	20.31	20.26	20.45	23.94	23.90	23.95		
40	1	0		19.67	19.56	19.50	18.31	18.32	18.34	22.05	21.99	21.97		
40	1	105		19.25	19.35	19.34	17.87	18.43	18.10	21.62	21.92	21.77		
40	106	0		19.94	20.09	19.84	18.85	18.58	18.94	22.44	22.41	22.42		
40	1	1	16-QAM	21.11	21.00	20.92	19.86	19.85	19.85	23.54	23.47	23.43	22.90	0.1950
40	1	1	64-QAM	19.59	19.62	19.32	18.34	18.43	18.63	22.02	22.08	22.00		
40	1	1	256-QAM	16.57	16.56	16.45	15.32	15.32	15.30	19.00	18.99	18.92		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.68	21.56	21.48	20.32	20.36	20.20	24.06	24.01	23.90	23.42	0.2198
50	1	131		21.21	21.43	21.32	20.05	20.30	20.00	23.68	23.91	23.72		
50	67	33		21.43	21.59	21.43	20.32	20.15	20.46	23.92	23.94	23.98		
50	1	0		19.73	19.63	19.52	18.32	18.35	18.20	22.09	22.05	21.92		
50	1	132		19.32	19.45	19.29	18.06	18.35	18.03	21.75	21.95	21.72		
50	133	0		20.00	20.01	19.94	18.82	18.59	18.92	22.46	22.37	22.47		
50	1	1	16-QAM	21.13	20.99	21.04	19.89	19.85	19.73	23.56	23.47	23.44	22.92	0.1959
50	1	1	64-QAM	19.61	19.43	19.53	18.30	18.37	18.19	22.01	21.94	21.92		
50	1	1	256-QAM	16.63	16.42	16.42	15.32	15.43	15.15	19.03	18.96	18.84		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	21.65	21.62	21.42	20.37	20.44	20.23	24.07	24.08	23.88	23.44	0.2208
60	1	160		21.30	21.30	21.42	20.02	20.23	19.97	23.72	23.81	23.77		
60	81	40		21.48	21.43	21.51	20.30	20.30	20.48	23.94	23.91	24.04		
60	1	0		19.74	19.61	19.51	18.37	18.43	18.23	22.12	22.07	21.93		
60	1	161		19.19	19.23	19.42	18.04	18.21	18.00	21.66	21.76	21.78		
60	162	0		19.96	20.02	19.98	18.79	18.55	18.88	22.42	22.36	22.48		
60	1	1	16-QAM	21.23	20.97	20.94	19.93	20.07	19.93	23.64	23.55	23.47	23.00	0.1995
60	1	1	64-QAM	19.53	19.47	19.31	18.53	18.66	18.12	22.07	22.09	21.77		
60	1	1	256-QAM	16.46	16.52	16.32	15.33	15.34	15.14	18.94	18.98	18.78		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	21.72	21.56	21.58	20.43	20.61	20.32	24.13	24.12	24.01	23.49	0.2234
70	1	187		21.34	21.22	21.42	20.38	20.27	19.95	23.90	23.78	23.76		
70	95	47		21.47	21.61	21.51	20.14	20.15	20.33	23.87	23.95	23.97		
70	1	0		19.82	19.65	19.67	18.50	18.60	18.42	22.22	22.17	22.10		
70	1	188		19.32	19.20	19.38	18.32	18.28	17.98	21.86	21.77	21.75		
70	189	0		19.97	20.06	19.97	18.71	18.58	18.68	22.40	22.39	22.38		
70	1	1	16-QAM	21.12	21.08	20.93	20.00	20.09	19.79	23.61	23.62	23.41	22.98	0.1986
70	1	1	64-QAM	19.53	19.56	19.53	18.50	18.72	18.43	22.06	22.17	22.03		
70	1	1	256-QAM	16.76	16.49	16.62	15.38	15.58	15.23	19.13	19.07	18.99		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	21.76	21.73	21.58	20.45	20.53	20.51	24.16	24.18	24.09	23.54	0.2259
80	1	215		21.35	21.51	21.37	20.19	20.15	19.95	23.82	23.89	23.73		
80	109	54		21.51	21.59	21.48	20.13	20.15	20.22	23.88	23.94	23.91		
80	1	0		19.80	19.80	19.72	18.51	18.49	18.51	22.21	22.20	22.17		
80	1	216		19.10	19.50	19.35	18.21	18.16	17.98	21.69	21.89	21.73		
80	217	0		20.02	20.02	19.93	18.68	18.59	18.62	22.41	22.37	22.33		
80	1	1	16-QAM	21.20	21.36	21.24	19.90	20.06	19.95	23.61	23.77	23.65	23.13	0.2056
80	1	1	64-QAM	19.76	19.69	19.44	18.68	18.53	18.61	22.26	22.16	22.06		
80	1	1	256-QAM	16.76	16.68	16.61	15.43	15.42	15.41	19.16	19.11	19.06		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	21.81	21.76	21.73	20.45	20.43	20.45	24.19	24.16	24.15	23.55	0.2265
90	1	243		21.45	21.53	21.30	20.12	20.10	19.83	23.85	23.88	23.64		
90	123	61		21.43	21.54	21.54	20.30	20.15	20.17	23.91	23.91	23.92		
90	1	0		19.92	19.81	19.85	18.46	18.33	18.41	22.26	22.14	22.20		
90	1	244		19.46	19.49	19.40	18.21	18.17	17.95	21.89	21.89	21.75		
90	245	0		19.90	20.03	20.03	18.80	18.61	18.61	22.40	22.39	22.39		
90	1	1	16-QAM	21.37	21.18	21.15	19.61	19.83	20.08	23.59	23.57	23.66	23.02	0.2004
90	1	1	64-QAM	19.74	19.72	19.64	18.58	18.43	18.50	22.21	22.13	22.12		
90	1	1	256-QAM	16.88	16.63	16.78	15.42	15.33	15.31	19.22	19.04	19.12		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	21.85	-	-	20.44	-	-	24.21	-	23.57	0.2275
100	1	271		-	21.32	-	-	19.95	-	-	23.70	-		
100	137	68		-	21.59	-	-	20.15	-	-	23.94	-		
100	1	0		-	19.93	-	-	18.51	-	-	22.29	-		
100	1	272		-	19.43	-	-	18.00	-	-	21.78	-		
100	273	0		-	20.09	-	-	18.62	-	-	22.43	-		
100	1	1		16-QAM	-	21.24	-	-	20.06	-	-	23.70		
100	1	1	64-QAM	-	19.82	-	-	18.39	-	-	22.17	-	23.06	0.2023
100	1	1	256-QAM	-	16.81	-	-	15.63	-	-	19.27	-		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	22.55	22.47	22.24	23.54	23.62	23.29	26.08	26.09	25.81	24.02	0.2523
10	1	22		22.64	22.67	22.03	23.55	23.34	23.19	26.13	26.03	25.66		
10	12	6		22.72	22.62	22.05	23.62	23.47	23.22	26.20	26.08	25.68		
10	1	0		19.05	18.85	18.73	20.02	20.01	19.79	22.57	22.48	22.30		
10	1	23		19.14	19.03	18.50	24.01	19.82	19.65	25.23	22.45	22.12		
10	24	0		19.70	19.56	19.05	20.56	20.43	20.20	23.16	23.03	22.67		
10	1	1	16-QAM	21.93	21.87	21.65	23.11	23.28	22.87	25.57	25.64	25.31	23.46	0.2218
10	1	1	64-QAM	20.64	20.12	20.32	21.51	21.68	21.31	24.11	23.98	23.85		
10	1	1	256-QAM	15.80	16.01	15.54	16.94	17.12	16.71	19.42	19.61	19.17		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	22.92	22.44	22.50	23.84	23.75	23.47	26.41	26.15	26.02	24.27	0.2673
15	1	36		22.96	22.65	22.33	23.75	23.52	23.43	26.38	26.12	25.93		
15	19	9		23.01	22.52	22.51	23.83	23.69	23.42	26.45	26.15	26.00		
15	1	0		19.41	18.94	19.00	20.18	20.26	19.83	22.82	22.66	22.45		
15	1	37		19.39	19.15	18.82	20.09	20.00	19.78	22.76	22.61	22.34		
15	38	0		19.97	19.68	19.45	20.82	20.56	20.37	23.43	23.15	22.94		
15	1	1	16-QAM	22.23	21.91	22.03	23.56	23.40	23.05	25.96	25.73	25.58	23.78	0.2388
15	1	1	64-QAM	20.79	20.38	20.57	21.68	21.74	21.59	24.27	24.12	24.12		
15	1	1	256-QAM	16.28	15.53	15.79	17.26	17.61	16.95	19.81	19.70	19.42		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	22.90	22.45	22.60	23.68	23.81	23.39	26.32	26.19	26.02	24.26	0.2667
20	1	49		22.97	22.68	22.39	23.61	23.45	23.32	26.31	26.09	25.89		
20	25	12		23.02	22.52	22.53	23.80	23.71	23.40	26.44	26.17	26.00		
20	1	0		19.41	18.99	19.11	20.22	20.31	19.86	22.84	22.71	22.51		
20	1	50		19.31	18.96	18.87	20.12	19.74	19.68	22.74	22.38	22.30		
20	51	0		19.97	19.72	19.52	20.79	20.56	20.43	23.41	23.17	23.01		
20	1	1	16-QAM	22.16	21.47	21.98	23.39	23.72	22.95	25.83	25.75	25.50	23.65	0.2317
20	1	1	64-QAM	20.73	20.38	20.33	21.60	22.00	21.38	24.20	24.28	23.90		
20	1	1	256-QAM	16.09	15.79	16.12	17.03	17.31	17.06	19.60	19.63	19.63		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
25	1	1	QPSK	22.97	23.73	22.59	23.83	23.72	23.57	26.43	26.74	26.12	24.56	0.2858
25	1	63		22.87	22.40	22.39	23.65	23.29	23.34	26.29	25.88	25.90		
25	33	16		23.00	22.76	22.59	23.79	23.61	23.46	26.42	26.22	26.06		
25	1	0		19.43	19.30	19.04	20.28	20.19	20.06	22.89	22.78	22.59		
25	1	64		19.32	18.89	18.85	20.01	19.74	19.81	22.69	22.35	22.37		
25	65	0		19.88	19.72	19.52	20.82	20.57	20.44	23.39	23.18	23.01		
25	1	1	16-QAM	22.32	22.08	22.12	23.45	23.24	22.97	25.93	25.71	25.58	23.75	0.2371
25	1	1	64-QAM	20.87	20.53	20.63	21.97	21.70	21.43	24.47	24.16	24.06		
25	1	1	256-QAM	16.32	16.02	16.12	17.23	17.08	17.03	19.81	19.59	19.61		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	22.94	22.78	22.44	23.86	23.72	23.45	26.43	26.29	25.98	24.25	0.2661
30	1	76		22.86	22.46	22.22	23.55	23.32	23.20	26.23	25.92	25.75		
30	39	19		22.97	22.47	22.52	23.68	23.77	23.38	26.35	26.18	25.98		
30	1	0		19.50	19.29	18.95	20.33	20.21	19.98	22.95	22.78	22.51		
30	1	77		19.32	18.97	18.69	20.00	19.80	19.54	22.68	22.42	22.15		
30	78	0		19.90	19.69	19.44	20.70	20.57	20.37	23.33	23.16	22.94		
30	1	1	16-QAM	22.48	22.26	21.85	23.31	23.13	22.89	25.93	25.73	25.41	23.75	0.2371
30	1	1	64-QAM	20.83	20.43	20.41	21.99	21.69	21.27	24.46	24.12	23.87		
30	1	1	256-QAM	16.22	16.25	15.92	17.30	17.24	17.34	19.80	19.78	19.70		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	22.96	22.77	22.63	23.83	23.68	23.59	26.43	26.26	26.15	24.25	0.2661
40	1	104		22.64	22.78	22.34	23.59	23.43	23.22	26.15	26.13	25.81		
40	53	26		22.90	22.47	22.63	23.74	23.74	23.44	26.35	26.16	26.06		
40	1	0		19.45	19.25	19.09	20.30	20.14	20.10	22.91	22.73	22.63		
40	1	105		19.09	19.14	18.76	20.07	19.88	19.70	22.62	22.54	22.27		
40	106	0		19.86	19.71	19.59	20.68	20.58	20.40	23.30	23.18	23.02		
40	1	1	16-QAM	22.36	22.08	21.95	23.23	23.13	23.13	25.83	25.65	25.59	23.65	0.2317
40	1	1	64-QAM	20.84	20.68	20.48	21.88	21.72	21.67	24.40	24.24	24.13		
40	1	1	256-QAM	16.31	16.03	16.00	17.36	17.21	17.08	19.88	19.67	19.58		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	23.04	22.79	22.64	23.85	23.67	23.64	26.47	26.26	26.18	24.29	0.2685
50	1	131		22.65	22.72	22.28	23.59	23.37	23.11	26.16	26.07	25.73		
50	67	33		22.94	22.76	22.57	23.67	23.61	23.46	26.33	26.22	26.05		
50	1	0		19.51	19.32	19.13	20.32	20.11	20.16	22.94	22.74	22.69		
50	1	132		19.13	19.22	18.74	20.12	19.92	19.61	22.66	22.59	22.21		
50	133	0		19.90	19.69	19.50	20.68	20.57	20.44	23.32	23.16	23.01		
50	1	1	16-QAM	22.35	22.25	21.88	23.23	23.17	23.01	25.82	25.74	25.49	23.64	0.2312
50	1	1	64-QAM	20.71	20.73	20.60	21.80	21.71	21.71	24.30	24.26	24.20		
50	1	1	256-QAM	16.49	16.23	16.07	17.44	17.00	17.05	20.00	19.64	19.60		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	22.89	22.68	22.76	23.81	23.60	23.88	26.38	26.17	26.37	24.20	0.2630
60	1	160		22.65	22.19	22.27	23.59	23.47	23.20	26.16	25.89	25.77		
60	81	40		22.89	22.49	22.56	23.67	23.76	23.38	26.31	26.18	26.00		
60	1	0		19.39	19.21	19.30	20.29	20.09	20.31	22.87	22.68	22.84		
60	1	161		19.00	18.61	18.85	19.93	20.06	19.69	22.50	22.41	22.30		
60	162	0		19.85	19.67	19.58	20.63	20.56	20.45	23.27	23.15	23.05		
60	1	1	16-QAM	22.39	22.24	22.24	23.34	23.20	23.18	25.90	25.76	25.75	23.72	0.2355
60	1	1	64-QAM	20.74	20.57	21.73	21.72	21.60	20.86	24.27	24.13	24.33		
60	1	1	256-QAM	16.19	15.86	16.23	17.30	17.01	17.33	19.79	19.48	19.83		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	23.03	22.70	22.81	23.89	23.59	23.64	26.49	26.18	26.26	24.31	0.2698
70	1	187		22.74	22.23	22.35	23.71	23.50	23.21	26.26	25.92	25.81		
70	95	47		22.76	22.69	22.73	23.74	23.54	23.55	26.29	26.15	26.17		
70	1	0		19.44	19.17	19.30	20.34	20.13	20.13	22.92	22.69	22.75		
70	1	188		19.16	18.75	18.88	20.19	19.97	19.72	22.72	22.41	22.33		
70	189	0		19.77	19.73	19.73	20.68	20.56	20.56	23.26	23.18	23.18		
70	1	1	16-QAM	22.52	22.14	22.48	23.41	23.16	23.13	26.00	25.69	25.83	23.82	0.2410
70	1	1	64-QAM	20.90	20.92	21.05	22.01	21.54	21.52	24.50	24.25	24.30		
70	1	1	256-QAM	16.54	16.23	16.26	17.18	17.17	17.11	19.88	19.74	19.72		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	22.99	22.74	22.82	23.97	23.91	23.72	26.52	26.37	26.30	24.34	0.2716
80	1	215		22.47	22.34	22.14	23.63	23.30	23.07	26.10	25.86	25.64		
80	109	54		22.81	22.77	22.68	23.77	23.58	23.55	26.33	26.20	26.15		
80	1	0		19.52	19.30	19.36	20.44	20.42	20.30	23.01	22.91	22.87		
80	1	216		18.96	18.86	18.70	20.11	19.75	19.59	22.58	22.34	22.18		
80	217	0		19.32	19.71	19.68	20.71	20.55	20.58	23.08	23.16	23.16		
80	1	1	16-QAM	22.49	22.22	22.41	23.50	23.65	23.18	26.03	26.00	25.82	23.85	0.2427
80	1	1	64-QAM	20.91	20.99	20.70	22.03	22.29	21.76	24.52	24.70	24.27		
80	1	1	256-QAM	16.59	16.38	16.65	17.51	17.35	17.17	20.08	19.90	19.93		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	22.64	22.56	22.48	23.69	23.72	23.43	26.21	26.19	25.99	24.03	0.2529
90	1	243		22.28	22.20	22.04	23.30	22.98	22.82	25.83	25.62	25.46		
90	123	61		22.50	22.52	22.33	23.60	23.43	23.21	26.10	26.01	25.80		
90	1	0		19.21	19.04	19.08	20.25	20.28	20.00	22.77	22.71	22.57		
90	1	244		18.82	18.86	18.56	19.89	19.53	19.27	22.40	22.22	21.94		
90	245	0		19.45	19.48	19.32	20.56	20.32	20.22	23.05	22.93	22.80		
90	1	1	16-QAM	22.16	21.97	21.90	23.19	23.36	22.90	25.72	25.73	25.44	23.55	0.2265
90	1	1	64-QAM	20.73	20.33	20.37	21.59	21.79	21.59	24.19	24.13	24.03		
90	1	1	256-QAM	16.13	15.92	16.01	17.17	17.24	16.99	19.69	19.64	19.54		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	22.78	22.72	22.62	23.79	23.72	23.59	26.32	26.26	26.14	24.14	0.2594
100	1	271		22.11	22.12	21.58	23.25	22.91	22.86	25.73	25.54	25.28		
100	137	68		22.79	22.57	22.54	23.61	23.42	23.48	26.23	26.03	26.05		
100	1	0		19.31	19.31	19.26	20.34	20.21	20.24	22.87	22.79	22.79		
100	1	272		18.63	18.73	18.19	19.80	19.52	19.42	22.26	22.15	21.86		
100	273	0		19.80	19.56	19.44	20.61	20.36	20.44	23.23	22.99	22.98		
100	1	1	16-QAM	22.33	22.12	22.21	23.19	23.19	23.09	25.79	25.70	25.68	23.61	0.2296
100	1	1	64-QAM	20.85	20.65	20.53	21.88	21.79	21.75	24.41	24.27	24.19		
100	1	1	256-QAM	16.12	16.40	16.04	17.38	17.24	17.17	19.81	19.85	19.65		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	20.53	20.36	20.50	21.34	21.23	21.32	23.96	23.83	23.94	21.78	0.1507
10	1	22		20.46	20.43	20.38	21.18	21.04	21.06	23.85	23.76	23.74		
10	12	6		20.48	20.42	20.36	21.16	20.97	21.01	23.84	23.71	23.71		
10	1	0		18.55	18.31	18.46	19.29	19.08	19.36	21.95	21.72	21.94		
10	1	23		18.46	18.46	18.39	19.12	19.03	19.03	21.81	21.76	21.73		
10	24	0		18.99	18.95	18.83	19.64	19.51	19.53	22.34	22.25	22.20		
10	1	1	16-QAM	19.89	19.74	19.93	20.71	20.83	20.89	23.33	23.33	23.45	21.27	0.1340
10	1	1	64-QAM	18.47	18.47	18.32	19.14	19.33	19.22	21.83	21.93	21.80		
10	1	1	256-QAM	15.45	15.34	15.59	16.23	16.24	16.43	18.87	18.82	19.04		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	20.55	20.32	20.35	21.27	21.21	21.33	23.94	23.80	23.88	21.76	0.1500
15	1	36		20.35	20.41	20.28	21.17	21.08	21.05	23.79	23.77	23.69		
15	19	9		20.48	20.32	20.51	21.16	21.15	21.29	23.84	23.77	23.93		
15	1	0		18.54	18.33	18.25	19.21	19.20	19.26	21.90	21.80	21.79		
15	1	37		18.34	18.38	18.25	19.34	19.05	19.00	21.88	21.74	21.65		
15	38	0		18.98	18.92	18.96	19.64	19.68	19.72	22.33	22.33	22.37		
15	1	1	16-QAM	20.03	19.79	19.72	21.07	20.57	20.93	23.59	23.21	23.38	21.41	0.1384
15	1	1	64-QAM	18.42	18.33	18.48	19.38	19.21	19.53	21.94	21.80	22.05		
15	1	1	256-QAM	15.45	15.32	15.35	16.08	16.15	16.27	18.79	18.77	18.84		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	20.56	20.28	20.30	21.28	21.16	21.32	23.95	23.75	23.85	21.77	0.1503
20	1	49		20.33	20.42	20.37	21.29	21.03	21.05	23.85	23.75	23.73		
20	25	12		20.45	20.32	20.49	21.16	21.18	21.30	23.83	23.78	23.92		
20	1	0		18.56	18.33	18.32	19.27	19.15	19.24	21.94	21.77	21.81		
20	1	50		18.29	18.28	18.38	19.24	18.98	18.97	21.80	21.65	21.70		
20	51	0		18.93	18.92	18.96	19.62	19.48	19.72	22.30	22.22	22.37		
20	1	1	16-QAM	20.05	19.72	19.70	20.89	20.78	20.82	23.50	23.29	23.31	21.32	0.1355
20	1	1	64-QAM	18.44	18.23	18.04	19.31	19.19	19.46	21.91	21.75	21.82		
20	1	1	256-QAM	15.51	15.23	15.11	16.14	16.10	16.23	18.85	18.70	18.72		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	20.54	20.35	20.35	21.27	21.00	21.37	23.93	23.70	23.90	21.75	0.1496
25	1	63		20.29	20.26	20.31	21.23	21.09	20.92	23.80	23.71	23.64		
25	33	16		20.45	20.45	20.48	21.13	21.06	21.28	23.81	23.78	23.91		
25	1	0		18.57	18.48	18.38	19.23	19.14	1.04	21.92	21.83	18.46		
25	1	64		18.30	18.24	18.30	19.21	19.02	18.95	21.79	21.66	21.65		
25	65	0		18.91	18.92	19.04	19.61	19.45	19.77	22.28	22.20	22.43		
25	1	1	16-QAM	20.11	19.77	19.75	20.74	20.72	20.92	23.45	23.28	23.38	21.27	0.1340
25	1	1	64-QAM	18.56	18.31	18.37	19.22	19.32	19.36	21.91	21.85	21.90		
25	1	1	256-QAM	15.48	15.22	15.62	16.45	16.13	16.23	19.00	18.71	18.95		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	20.54	20.35	20.24	21.30	21.24	21.36	23.95	23.83	23.85	21.77	0.1503
30	1	76		20.26	20.23	20.26	21.08	21.04	21.01	23.70	23.66	23.66		
30	39	19		20.44	20.32	20.23	21.35	21.20	21.27	23.93	23.79	23.79		
30	1	0		18.55	18.38	18.31	19.32	19.15	19.35	21.96	21.79	21.87		
30	1	77		18.30	18.25	18.22	19.24	19.08	19.00	21.81	21.70	21.64		
30	78	0		18.91	18.91	18.72	19.83	19.48	19.75	22.40	22.21	22.28		
30	1	1	16-QAM	19.95	19.94	19.72	20.62	20.64	20.93	23.31	23.31	23.38	21.20	0.1318
30	1	1	64-QAM	18.45	18.33	18.13	19.45	19.23	19.35	21.99	21.81	21.79		
30	1	1	256-QAM	15.45	15.32	15.24	16.30	16.17	16.46	18.91	18.78	18.90		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	20.56	20.46	20.24	21.19	21.32	21.22	23.90	23.92	23.77	21.74	0.1493
40	1	104		20.19	20.29	20.23	20.89	21.24	20.95	23.56	23.80	23.62		
40	53	26		20.35	20.36	20.26	21.35	21.20	21.32	23.89	23.81	23.83		
40	1	0		18.61	18.52	18.31	19.24	19.34	19.07	21.95	21.96	21.72		
40	1	105		18.19	18.27	18.23	18.89	19.24	18.91	21.56	21.79	21.59		
40	106	0		18.81	18.94	18.75	19.76	19.50	19.79	22.32	22.24	22.31		
40	1	1	16-QAM	19.96	19.79	19.74	21.05	21.02	20.79	23.55	23.46	23.31	21.37	0.1371
40	1	1	64-QAM	18.45	18.36	18.22	19.17	19.15	19.22	21.84	21.78	21.76		
40	1	1	256-QAM	15.55	15.34	15.23	16.31	16.22	16.21	18.96	18.81	18.76		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	20.62	20.49	20.45	21.26	21.35	21.03	23.96	23.95	23.76	21.78	0.1507
50	1	131		20.15	20.27	20.26	20.93	21.16	20.83	23.57	23.75	23.56		
50	67	33		20.40	20.46	20.34	21.35	21.07	21.31	23.91	23.79	23.86		
50	1	0		18.68	18.51	18.46	19.25	19.35	19.04	21.98	21.96	21.77		
50	1	132		18.19	18.27	18.28	19.12	19.10	18.81	21.69	21.72	21.56		
50	133	0		18.91	18.92	18.83	19.81	19.51	19.76	22.39	22.24	22.33		
50	1	1	16-QAM	20.01	19.82	19.93	20.62	20.96	20.51	23.34	23.44	23.24	21.26	0.1337
50	1	1	64-QAM	18.42	18.43	18.25	19.53	19.27	19.44	22.02	21.88	21.90		
50	1	1	256-QAM	15.46	15.44	15.24	16.24	16.30	16.06	18.88	18.90	18.68		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	20.60	20.41	20.24	21.25	21.45	21.25	23.95	23.97	23.78	21.79	0.1510
60	1	160		20.15	20.01	20.22	20.83	21.07	20.87	23.51	23.58	23.57		
60	81	40		20.42	20.35	20.33	21.30	21.21	21.33	23.89	23.81	23.87		
60	1	0		18.66	18.48	18.35	19.38	19.48	19.33	22.05	22.02	21.88		
60	1	161		18.08	18.02	18.15	18.89	19.12	18.79	21.51	21.62	21.49		
60	162	0		18.88	18.91	18.78	19.75	19.50	19.77	22.35	22.23	22.31		
60	1	1		16-QAM	20.35	19.90	19.75	20.75	21.00	20.86	23.56	23.50		
60	1	1	64-QAM	18.52	18.42	18.15	19.28	19.48	19.29	21.93	21.99	21.77	21.38	0.1374
60	1	1	256-QAM	15.64	15.37	15.32	16.33	16.53	16.34	19.01	19.00	18.87		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	20.62	20.53	20.46	21.42	21.46	21.45	24.05	24.03	23.99	21.87	0.1538
70	1	187		20.25	20.11	20.24	21.16	21.05	20.85	23.74	23.62	23.57		
70	95	47		20.41	20.48	20.36	21.15	21.05	21.18	23.81	23.78	23.80		
70	1	0		18.71	18.59	18.53	19.35	19.53	19.43	22.05	22.10	22.01		
70	1	188		18.13	18.14	18.23	19.16	19.02	18.79	21.69	21.61	21.53		
70	189	0		18.88	18.92	18.84	19.67	19.51	19.57	22.30	22.24	22.23		
70	1	1	16-QAM	20.10	19.97	19.88	20.97	20.93	21.02	23.57	23.49	23.50	21.39	0.1377
70	1	1	64-QAM	18.65	18.44	18.31	19.53	19.57	19.46	22.12	22.05	21.93		
70	1	1	256-QAM	15.62	15.50	15.43	16.43	16.49	16.21	19.05	19.03	18.85		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	20.75	20.62	20.53	21.39	21.35	21.49	24.09	24.01	24.05	21.91	0.1552
80	1	215		20.05	20.30	20.18	21.06	21.03	20.82	23.59	23.69	23.52		
80	109	54		20.42	20.48	20.38	21.12	21.09	21.15	23.79	23.81	23.79		
80	1	0		18.78	18.67	18.58	19.41	19.35	19.59	22.12	22.03	22.12		
80	1	216		18.03	18.29	18.15	19.13	19.00	18.83	21.63	21.67	21.51		
80	217	0		18.87	18.94	18.83	19.59	19.52	19.56	22.26	22.25	22.22		
80	1	1	16-QAM	20.14	20.04	19.91	20.86	20.91	21.11	23.53	23.51	23.56	21.38	0.1374
80	1	1	64-QAM	18.69	18.42	18.57	19.66	19.55	19.76	22.21	22.03	22.22		
80	1	1	256-QAM	15.64	15.68	15.55	16.41	16.30	16.52	19.05	19.01	19.07		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	20.74	20.69	20.63	21.40	21.44	21.37	24.09	24.09	24.03	21.91	0.1552
90	1	243		20.33	20.31	20.21	20.98	21.06	20.75	23.68	23.71	23.50		
90	123	61		20.50	20.48	20.46	21.26	21.06	21.12	23.91	23.79	23.81		
90	1	0		18.81	18.78	18.73	19.45	19.43	19.33	22.15	22.13	22.05		
90	1	244		18.31	18.31	18.23	19.01	19.01	18.77	21.68	21.68	21.52		
90	245	0		18.84	18.95	18.93	19.72	19.52	19.53	22.31	22.25	22.25		
90	1	1	16-QAM	20.14	19.98	20.03	21.00	21.01	20.86	23.60	23.54	23.48	21.42	0.1387
90	1	1	64-QAM	18.48	18.80	18.55	19.44	19.59	19.36	22.00	22.22	21.98		
90	1	1	256-QAM	15.77	15.69	15.53	16.42	16.43	16.57	19.12	19.09	19.09		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	20.72	-	-	21.54	-	-	24.16	-	21.98	0.1578
100	1	271		-	20.13	-	-	20.93	-	-	23.56	-		
100	137	68		-	20.48	-	-	21.07	-	-	23.80	-		
100	1	0		-	18.86	-	-	19.56	-	-	22.23	-		
100	1	272		-	18.24	-	-	18.92	-	-	21.60	-		
100	273	0		-	18.93	-	-	19.53	-	-	22.25	-		
100	1	1	16-QAM	-	20.37	-	-	20.97	-	-	23.69	-	21.51	0.1416
100	1	1	64-QAM	-	18.88	-	-	19.74	-	-	22.34	-		
100	1	1	256-QAM	-	15.73	-	-	16.53	-	-	19.16	-		
Limit	EIRP < 1W			Result									Pass	



<TxD Mode>

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	BPSK	24.64	24.32	24.71	24.32	24.23	24.15	27.49	27.29	27.45	29.98	0.9954
10	1	22		24.79	24.85	24.24	24.32	24.14	24.35	27.57	27.52	27.31		
10	12	6		24.81	24.52	23.89	24.57	24.36	23.77	27.70	27.45	26.84		
10	1	1	QPSK	24.38	24.82	24.51	24.70	24.16	23.94	27.55	27.51	27.24		
10	1	22		24.52	24.72	24.42	24.47	24.69	24.41	27.51	27.72	27.43		
10	12	6		24.78	24.92	24.02	24.84	24.24	23.70	27.82	27.60	26.87		
10	1	1	16-QAM	23.42	23.67	23.68	23.92	23.71	22.72	26.69	26.70	26.24	29.08	0.8091
10	1	22		23.43	23.95	23.44	23.72	23.28	23.35	26.59	26.64	26.41		
10	12	6		23.79	24.40	22.93	23.96	23.35	22.57	26.89	26.92	25.76		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	BPSK	24.48	24.39	24.55	24.83	24.62	24.44	27.67	27.52	27.51	29.99	0.9977
15	1	36		24.57	24.66	24.31	24.83	24.63	24.22	27.71	27.66	27.28		
15	18	9		24.81	24.37	23.93	24.82	24.39	23.96	27.83	27.39	26.96		
15	1	1	QPSK	24.68	24.72	24.52	24.44	24.11	24.44	27.57	27.44	27.49		
15	1	36		24.47	24.65	24.77	24.79	24.63	24.11	27.64	27.65	27.46		
15	18	9		24.81	24.62	24.11	24.71	24.55	23.65	27.77	27.60	26.90		
15	1	1	16-QAM	23.39	23.85	23.84	23.68	23.35	23.32	26.55	26.62	26.60	29.12	0.8166
15	1	36		23.83	23.82	23.98	23.55	23.81	23.25	26.70	26.83	26.64		
15	18	9		23.86	23.57	23.05	24.03	23.28	22.86	26.96	26.44	25.97		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	BPSK	24.32	24.64	24.75	24.85	24.34	24.32	27.60	27.50	27.55	29.94	0.9863
20	1	49		24.34	24.85	24.11	24.31	24.13	24.28	27.34	27.52	27.21		
20	25	12		24.81	24.48	23.94	24.72	24.41	23.74	27.78	27.46	26.85		
20	1	1	QPSK	24.66	24.62	24.44	24.46	24.39	24.67	27.57	27.52	27.57		
20	1	49		24.21	24.52	24.69	24.47	24.55	24.07	27.35	27.55	27.40		
20	25	12		24.77	24.52	23.97	24.67	24.39	23.62	27.73	27.47	26.81		
20	1	1	16-QAM	23.66	23.55	23.92	23.44	23.24	23.34	26.56	26.41	26.65	28.91	0.7780
20	1	49		23.26	23.79	23.37	23.67	23.07	23.42	26.48	26.46	26.41		
20	25	12		23.76	23.56	23.09	23.71	23.44	22.67	26.75	26.51	25.90		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
25	1	1	BPSK	24.52	24.15	24.66	24.76	24.78	24.07	27.65	27.49	27.39	29.96	0.9908
25	1	63		24.63	24.73	24.27	24.27	24.34	24.31	27.46	27.55	27.30		
25	32	16		24.91	24.56	23.75	24.67	24.48	23.59	27.80	27.53	26.68		
25	1	1	QPSK	24.48	24.66	24.98	24.76	24.13	24.48	27.63	27.41	27.75		
25	1	63		24.42	24.43	24.52	24.52	24.63	23.87	27.48	27.54	27.22		
25	32	16		24.78	24.54	23.86	24.66	24.45	23.60	27.73	27.51	26.74		
25	1	1	16-QAM	23.44	23.26	23.82	23.91	23.78	23.29	26.69	26.54	26.57	29.23	0.8375
25	1	63		23.37	24.36	23.54	23.63	23.74	22.82	26.51	27.07	26.21		
25	32	16		23.72	23.59	22.99	23.89	23.37	22.68	26.82	26.49	25.85		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	BPSK	24.43	24.36	25.27	24.47	24.48	24.16	27.46	27.43	27.76	29.94	0.9863
30	1	76		24.25	24.34	24.49	24.55	24.71	24.34	27.41	27.54	27.43		
30	36	18		24.74	24.55	23.86	24.51	24.34	23.99	27.64	27.46	26.94		
30	1	1	QPSK	24.45	24.42	24.72	24.47	24.52	24.82	27.47	27.48	27.78		
30	1	76		24.12	24.56	24.44	24.36	24.35	24.32	27.25	27.47	27.39		
30	36	18		24.73	24.54	23.95	24.69	24.43	23.90	27.72	27.50	26.94		
30	1	1	16-QAM	23.71	23.56	24.12	23.45	23.62	23.54	26.59	26.60	26.85	29.01	0.7962
30	1	76		23.32	23.42	23.07	23.59	23.66	23.27	26.47	26.55	26.18		
30	36	18		23.77	23.43	23.04	23.65	23.47	22.87	26.72	26.46	25.97		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	BPSK	24.51	24.66	24.74	24.65	24.25	24.81	27.59	27.47	27.79	29.95	0.9886
40	1	104		24.54	24.65	24.53	24.13	24.29	23.82	27.35	27.48	27.20		
40	50	25		24.52	24.54	23.98	24.59	24.45	23.94	27.57	27.51	26.97		
40	1	1	QPSK	24.62	24.50	25.05	24.48	24.48	24.25	27.56	27.50	27.68		
40	1	104		24.63	24.35	24.34	23.92	24.63	23.77	27.30	27.50	27.07		
40	50	25		24.46	24.54	24.04	24.57	24.38	23.86	27.53	27.47	26.96		
40	1	1	16-QAM	23.69	23.45	23.76	23.45	23.58	23.94	26.58	26.53	26.86	29.02	0.7980
40	1	104		23.40	23.64	22.96	23.25	23.26	23.22	26.34	26.46	26.10		
40	50	25		23.52	23.52	23.21	23.74	23.36	22.85	26.64	26.45	26.04		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
50	1	1	BPSK	24.43	24.42	25.15	24.72	24.55	24.29	27.59	27.50	27.75	29.91	0.9795
50	1	131		24.17	24.68	24.47	24.41	24.19	23.71	27.30	27.45	27.12		
50	64	32		24.66	24.51	24.14	24.54	24.39	24.01	27.61	27.46	27.09		
50	1	1	QPSK	24.34	24.38	25.14	24.71	24.57	24.26	27.54	27.49	27.73		
50	1	131		24.43	24.48	23.95	24.03	24.34	24.16	27.24	27.42	27.07		
50	64	32		24.48	24.55	24.28	24.60	24.42	23.96	27.55	27.50	27.13		
50	1	1	16-QAM	23.53	23.32	23.76	23.31	23.31	23.43	26.43	26.33	26.61	28.80	0.7586
50	1	131		23.39	23.39	23.12	22.92	23.22	22.95	26.17	26.32	26.05		
50	64	32		23.58	23.56	23.42	23.68	23.38	22.95	26.64	26.48	26.20		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
60	1	1	BPSK	24.78	24.58	24.26	24.47	24.44	24.17	27.64	27.52	27.23	29.80	0.9550
60	1	160		24.37	24.42	23.98	24.22	24.59	24.25	27.31	27.52	27.13		
60	81	40		24.45	24.63	24.35	24.62	24.51	24.22	27.55	27.58	27.30		
60	1	1	QPSK	24.74	24.64	24.07	24.45	24.49	23.96	27.61	27.58	27.03		
60	1	160		24.44	24.65	24.39	24.23	24.21	23.95	27.35	27.45	27.19		
60	81	40		24.47	24.66	24.31	24.73	24.52	24.02	27.61	27.60	27.18		
60	1	1	16-QAM	23.68	23.54	23.05	23.98	23.39	23.26	26.84	26.48	26.17	29.00	0.7943
60	1	160		23.44	23.59	23.12	23.29	23.34	23.06	26.37	26.48	26.10		
60	81	40		23.61	23.66	23.44	23.75	23.51	23.04	26.69	26.60	26.25		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 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	24.52	24.70	24.74	24.83	24.51	24.71	27.69	27.62	27.74	29.90	0.9772
70	1	187		24.34	24.74	24.00	23.93	24.14	24.08	27.15	27.46	27.05		
70	90	45		24.82	24.66	24.25	24.56	24.52	23.76	27.70	27.60	27.02		
70	1	1	QPSK	24.65	24.82	24.75	24.43	24.19	24.58	27.55	27.53	27.68		
70	1	187		23.88	24.34	24.03	24.32	24.47	24.25	27.12	27.42	27.15		
70	90	45		24.77	24.68	24.10	24.46	24.50	23.90	27.63	27.60	27.01		
70	1	1	16-QAM	23.43	23.64	23.92	23.71	23.43	23.74	26.58	26.55	26.84	29.00	0.7943
70	1	187		23.32	23.39	23.11	22.86	23.55	23.19	26.11	26.48	26.16		
70	90	45		23.86	23.66	23.22	23.54	23.48	23.10	26.71	26.58	26.17		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 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	24.64	24.85	24.98	24.82	24.51	24.61	27.74	27.69	27.81	29.97	0.9931
80	1	215		23.97	24.35	24.25	24.37	24.12	23.68	27.18	27.25	26.98		
80	108	54		24.55	23.64	24.01	24.61	24.52	24.03	27.59	27.11	27.03		
80	1	1	QPSK	24.54	24.41	25.17	24.97	24.97	24.25	27.77	27.71	27.74		
80	1	215		24.21	24.27	24.14	23.93	24.44	23.73	27.08	27.37	26.95		
80	108	54		24.64	24.68	23.98	24.46	24.56	23.97	27.56	27.63	26.99		
80	1	1	16-QAM	23.69	23.76	23.94	23.62	23.88	23.35	26.67	26.83	26.67	28.99	0.7925
80	1	215		22.96	23.48	22.92	23.24	23.19	23.08	26.11	26.35	26.01		
80	108	54		23.84	23.73	23.01	23.49	23.53	23.16	26.68	26.64	26.10		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 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	24.58	24.43	25.09	24.64	24.99	24.36	27.62	27.73	27.75	29.91	0.9795
90	1	243		24.21	24.51	24.16	23.97	23.99	23.46	27.10	27.27	26.83		
90	120	60		24.37	24.63	24.33	24.54	24.54	23.75	27.47	27.60	27.06		
90	1	1	QPSK	24.55	24.54	24.58	24.74	24.66	24.85	27.66	27.61	27.73		
90	1	243		24.35	24.57	23.63	23.81	24.04	23.58	27.10	27.32	26.62		
90	120	60		24.36	24.60	24.21	24.48	24.46	23.94	27.43	27.54	27.09		
90	1	1	16-QAM	23.45	23.39	23.65	23.98	23.96	23.88	26.73	26.69	26.78	28.94	0.7834
90	1	243		23.36	23.57	22.91	22.85	23.11	22.79	26.12	26.36	25.86		
90	120	60		23.51	23.63	23.37	23.55	23.45	23.10	26.54	26.55	26.25		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 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	24.36	24.62	24.61	24.95	24.48	24.90	27.68	27.56	27.77	29.93	0.9840
100	1	271		23.88	24.19	23.91	24.21	23.83	23.97	27.06	27.02	26.95		
100	135	67		24.60	24.53	23.82	24.47	24.44	24.07	27.55	27.50	26.96		
100	1	1	QPSK	24.11	24.26	24.54	23.97	24.62	24.88	27.05	27.45	27.72		
100	1	271		24.45	24.03	23.66	24.78	24.17	23.82	27.63	27.11	26.75		
100	135	67		24.57	24.58	23.99	24.36	24.32	23.86	27.48	27.46	26.94		
100	1	1	16-QAM	22.89	23.71	23.71	23.17	23.51	23.95	26.04	26.62	26.84	29.00	0.7943
100	1	271		23.52	23.11	23.22	23.57	23.32	23.52	26.56	26.23	26.38		
100	135	67		23.53	23.53	23.02	23.53	23.37	23.00	26.54	26.46	26.02		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	BPSK	23.43	22.65	23.23	23.28	23.36	23.44	26.37	26.03	26.35	27.37	0.5458
10	1	22		23.16	22.58	23.00	23.30	23.30	23.06	26.24	25.97	26.04		
10	12	6		23.14	22.54	23.09	23.45	23.09	23.35	26.31	25.83	26.23		
10	1	1	QPSK	23.32	22.70	23.37	23.56	23.27	23.45	26.45	26.00	26.42		
10	1	22		23.19	22.42	22.98	23.22	23.28	23.34	26.22	25.88	26.17		
10	12	6		23.16	22.50	23.10	23.44	23.26	23.36	26.31	25.91	26.24		
10	1	1	16-QAM	23.40	22.46	23.38	23.28	23.32	23.53	26.35	25.92	26.47	27.39	0.5483
10	1	22		23.05	22.54	23.04	23.17	23.01	23.33	26.12	25.79	26.20		
10	12	6		23.27	22.58	23.15	23.36	23.37	23.40	26.33	26.00	26.29		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	BPSK	23.37	22.74	22.37	23.62	23.29	23.42	26.51	26.03	25.94	27.43	0.5534
15	1	36		23.16	22.40	22.62	23.23	23.32	23.26	26.21	25.89	25.96		
15	18	9		23.19	22.59	22.52	23.34	23.43	23.27	26.28	26.04	25.92		
15	1	1	QPSK	23.28	22.77	22.49	23.67	23.32	23.29	26.49	26.06	25.92		
15	1	36		23.20	22.42	22.54	23.14	23.35	23.32	26.18	25.92	25.96		
15	18	9		23.15	22.68	22.47	23.37	23.32	23.28	26.27	26.02	25.90		
15	1	1	16-QAM	23.40	23.17	22.19	23.41	23.45	23.36	26.42	26.32	25.82	27.34	0.5420
15	1	36		23.06	22.33	22.71	23.21	23.26	23.53	26.15	25.83	26.15		
15	18	9		23.20	22.70	22.54	23.38	23.48	23.19	26.30	26.12	25.89		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	BPSK	23.30	22.61	22.74	23.46	23.20	23.40	26.39	25.93	26.09	27.31	0.5383
20	1	49		23.05	22.61	22.65	23.09	23.49	23.52	26.08	26.08	26.12		
20	25	12		23.19	22.58	22.55	23.36	23.34	23.30	26.29	25.99	25.95		
20	1	1	QPSK	23.12	22.55	22.72	23.46	23.27	23.50	26.30	25.94	26.14		
20	1	49		22.91	22.56	22.66	23.15	23.28	23.20	26.04	25.95	25.95		
20	25	12		23.17	22.61	22.47	23.36	23.32	23.25	26.28	25.99	25.89		
20	1	1	16-QAM	23.04	23.04	22.29	22.99	23.44	23.58	26.03	26.25	25.99	27.21	0.5260
20	1	49		23.11	22.98	22.67	23.08	23.34	23.43	26.11	26.17	26.08		
20	25	12		23.19	22.65	22.59	23.36	23.35	23.30	26.29	26.02	25.97		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
25	1	1	BPSK	23.26	22.83	22.53	23.50	23.23	23.74	26.39	26.04	26.19	27.43	0.5534
25	1	63		23.05	22.67	22.66	23.17	23.44	23.34	26.12	26.08	26.02		
25	32	16		23.18	22.59	22.61	23.34	23.41	23.27	26.27	26.03	25.96		
25	1	1	QPSK	23.32	22.82	23.12	23.61	23.37	23.84	26.48	26.11	26.51		
25	1	63		23.14	22.68	22.61	23.05	23.44	23.30	26.11	26.09	25.98		
25	32	16		23.17	22.61	22.57	23.35	23.37	23.32	26.27	26.02	25.97		
25	1	1	16-QAM	23.22	22.84	22.80	23.32	23.72	23.67	26.28	26.31	26.27	27.23	0.5284
25	1	63		22.95	22.75	22.55	23.35	23.68	23.40	26.16	26.25	26.01		
25	32	16		23.17	22.63	22.62	23.29	23.49	23.23	26.24	26.09	25.95		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	BPSK	23.15	22.89	23.00	23.53	23.58	23.63	26.35	26.26	26.34	27.31	0.5383
30	1	76		23.08	22.72	22.76	23.16	23.61	23.30	26.13	26.20	26.05		
30	36	18		23.12	22.67	22.74	23.21	23.45	23.47	26.18	26.09	26.13		
30	1	1	QPSK	23.26	22.81	22.90	23.49	23.52	23.41	26.39	26.19	26.17		
30	1	76		23.04	22.50	22.60	23.01	23.53	23.32	26.04	26.06	25.99		
30	36	18		23.13	22.67	22.78	23.19	23.40	23.50	26.17	26.06	26.17		
30	1	1	16-QAM	23.44	22.85	23.03	23.50	23.15	23.86	26.48	26.01	26.48	27.56	0.5702
30	1	76		23.22	23.01	22.75	23.20	24.17	23.22	26.22	26.64	26.00		
30	36	18		23.17	22.68	22.73	23.23	23.43	23.50	26.21	26.08	26.14		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	BPSK	23.25	23.06	23.17	23.30	23.30	23.73	26.29	26.19	26.47	27.42	0.5521
40	1	104		22.52	22.73	22.63	23.03	23.64	23.27	25.79	26.22	25.97		
40	50	25		23.02	22.64	22.83	23.15	23.43	23.52	26.10	26.06	26.20		
40	1	1	QPSK	23.33	22.74	23.27	23.43	23.52	23.70	26.39	26.16	26.50		
40	1	104		22.69	22.84	22.96	23.15	23.52	23.19	25.94	26.20	26.09		
40	50	25		23.06	22.65	22.77	23.18	23.40	23.55	26.13	26.05	26.19		
40	1	1	16-QAM	23.52	22.48	23.44	23.40	23.10	23.87	26.47	25.81	26.67	27.59	0.5741
40	1	104		22.87	23.02	22.71	22.68	23.84	23.33	25.79	26.46	26.04		
40	50	25		23.08	22.63	22.83	23.13	23.39	23.50	26.12	26.04	26.19		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	BPSK	23.52	22.86	22.86	23.57	23.48	23.54	26.56	26.19	26.22	27.48	0.5598
50	1	131		22.58	22.70	22.70	23.30	23.51	23.06	25.97	26.13	25.89		
50	64	32		23.11	22.62	22.75	23.23	23.43	23.61	26.18	26.05	26.21		
50	1	1	QPSK	23.35	22.78	22.83	23.50	23.51	23.55	26.44	26.17	26.22		
50	1	131		22.80	22.73	22.54	23.30	23.62	23.25	26.07	26.21	25.92		
50	64	32		23.14	22.67	22.84	23.30	23.45	23.59	26.23	26.09	26.24		
50	1	1	16-QAM	23.53	22.76	23.07	23.60	23.60	23.57	26.58	26.21	26.34	27.50	0.5623
50	1	131		22.87	22.80	22.39	23.32	23.54	23.19	26.11	26.20	25.82		
50	64	32		23.14	22.72	22.87	23.30	23.51	23.62	26.23	26.14	26.27		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	BPSK	23.48	22.69	22.75	23.70	23.18	23.76	26.60	25.95	26.29	27.52	0.5649
60	1	160		22.55	22.46	22.59	23.44	23.28	23.29	26.03	25.90	25.96		
60	81	40		23.07	22.74	22.93	23.23	23.44	23.68	26.16	26.11	26.33		
60	1	1	QPSK	23.48	22.82	22.86	23.59	23.50	23.73	26.55	26.18	26.33		
60	1	160		22.76	22.69	22.45	23.23	23.52	23.23	26.01	26.14	25.87		
60	81	40		23.10	22.73	22.91	23.32	23.46	23.65	26.22	26.12	26.31		
60	1	1	16-QAM	23.13	22.89	23.07	23.63	23.68	23.64	26.40	26.31	26.37	27.32	0.5395
60	1	160		22.58	22.83	22.73	22.87	23.11	23.07	25.74	25.98	25.91		
60	81	40		23.07	22.72	22.93	23.26	23.45	23.74	26.18	26.11	26.36		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	BPSK	23.38	22.59	22.96	23.50	23.67	23.82	26.45	26.17	26.42	27.42	0.5521
70	1	187		22.49	22.50	22.61	23.05	23.36	23.37	25.79	25.96	26.02		
70	90	45		23.00	22.69	23.11	23.21	23.48	23.83	26.12	26.11	26.50		
70	1	1	QPSK	23.41	22.70	23.03	23.52	23.58	23.69	26.48	26.17	26.38		
70	1	187		22.67	22.51	22.79	23.10	23.65	23.42	25.90	26.13	26.13		
70	90	45		22.97	22.72	23.07	23.25	23.43	23.85	26.12	26.10	26.49		
70	1	1	16-QAM	23.29	22.61	23.30	23.50	23.45	23.76	26.41	26.06	26.55	27.47	0.5585
70	1	187		22.55	22.24	22.81	23.02	23.86	22.90	25.80	26.14	25.87		
70	90	45		23.04	22.70	23.10	23.32	23.43	23.80	26.19	26.09	26.47		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	BPSK	23.43	22.85	22.68	23.48	23.61	23.63	26.47	26.26	26.19	27.52	0.5649
80	1	215		22.67	22.42	22.48	23.14	23.52	23.24	25.92	26.02	25.89		
80	108	54		23.03	22.72	23.03	23.23	23.47	23.76	26.14	26.12	26.42		
80	1	1	QPSK	23.58	23.15	22.88	23.59	23.63	23.83	26.60	26.41	26.39		
80	1	215		22.61	22.36	22.46	22.92	23.21	23.16	25.78	25.82	25.83		
80	108	54		22.95	22.69	23.06	23.25	23.43	23.74	26.11	26.09	26.42		
80	1	1	16-QAM	23.41	23.07	23.01	23.71	23.66	24.10	26.57	26.39	26.60	27.52	0.5649
80	1	215		22.64	22.67	22.81	23.33	23.55	23.05	26.01	26.14	25.94		
80	108	54		22.98	22.74	23.04	23.21	23.42	23.81	26.11	26.10	26.45		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	BPSK	23.44	22.98	23.17	23.65	23.73	23.84	26.56	26.38	26.53	27.57	0.5715
90	1	243		22.54	22.29	22.50	23.13	23.17	22.89	25.86	25.76	25.71		
90	120	60		22.92	22.69	22.76	23.27	23.39	23.48	26.11	26.06	26.15		
90	1	1	QPSK	23.49	22.71	23.39	23.65	23.42	23.88	26.58	26.09	26.65		
90	1	243		22.48	22.32	22.48	23.11	23.44	22.95	25.82	25.93	25.73		
90	120	60		22.99	22.67	22.81	23.29	23.46	23.47	26.15	26.09	26.16		
90	1	1	16-QAM	23.07	23.17	23.30	23.81	24.01	23.90	26.47	26.62	26.62	27.54	0.5675
90	1	243		22.23	22.41	22.54	23.57	23.01	23.41	25.96	25.73	26.01		
90	120	60		22.98	22.69	22.84	23.31	23.43	23.54	26.16	26.09	26.21		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	BPSK	23.35	22.68	23.16	23.50	23.53	23.73	26.44	26.14	26.46	27.51	0.5636
100	1	271		22.62	22.25	22.50	23.47	23.20	23.01	26.08	25.76	25.77		
100	135	67		22.94	22.72	22.94	23.30	23.47	23.63	26.13	26.12	26.31		
100	1	1	QPSK	23.52	22.83	23.21	23.64	23.45	23.89	26.59	26.16	26.57		
100	1	271		22.73	22.18	22.48	23.12	23.26	23.21	25.94	25.76	25.87		
100	135	67		22.93	22.68	22.88	23.20	23.46	23.54	26.08	26.10	26.23		
100	1	1	16-QAM	23.41	22.66	23.24	23.79	23.36	23.86	26.61	26.03	26.57	27.53	0.5662
100	1	271		22.55	22.26	22.22	23.35	23.52	22.74	25.98	25.95	25.50		
100	135	67		22.95	22.70	22.93	23.27	23.48	23.57	26.12	26.12	26.27		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	BPSK	24.16	24.12	23.62	23.56	23.51	23.53	26.88	26.84	26.59	29.21	0.8337
10	1	22		24.33	24.15	23.62	23.42	23.50	23.64	26.91	26.85	26.64		
10	12	6		24.35	24.24	23.66	23.40	23.59	23.62	26.91	26.94	26.65		
10	1	1	QPSK	24.30	23.92	23.72	23.56	23.65	23.67	26.96	26.80	26.71		
10	1	22		24.30	24.25	23.40	23.60	23.62	23.67	26.97	26.96	26.55		
10	12	6		24.30	24.25	23.66	23.51	23.44	23.61	26.93	26.87	26.65		
10	1	1	16-QAM	24.26	24.00	23.70	23.70	23.78	23.61	27.00	26.90	26.67	29.24	0.8395
10	1	22		24.32	24.34	23.72	23.55	23.54	23.61	26.96	26.97	26.68		
10	12	6		24.31	24.32	23.56	23.50	23.64	23.60	26.93	27.00	26.59		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	BPSK	24.12	23.84	23.84	23.56	23.64	23.74	26.86	26.75	26.80	29.27	0.8453
15	1	36		24.33	24.32	23.55	23.47	23.61	23.71	26.93	26.99	26.64		
15	18	9		24.41	24.12	23.91	23.58	23.67	23.74	27.03	26.91	26.84		
15	1	1	QPSK	24.26	23.90	23.82	23.63	23.52	23.62	26.97	26.72	26.73		
15	1	36		24.36	24.31	23.59	23.55	23.45	23.67	26.98	26.91	26.64		
15	18	9		24.35	24.05	23.81	23.56	23.60	23.65	26.98	26.84	26.74		
15	1	1	16-QAM	24.16	23.91	23.84	23.73	23.62	23.71	26.96	26.78	26.79	29.25	0.8414
15	1	36		24.36	24.21	23.80	23.61	23.51	23.84	27.01	26.88	26.83		
15	18	9		24.30	24.01	23.77	23.58	23.64	23.69	26.97	26.84	26.74		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	BPSK	24.25	24.06	23.77	23.52	23.45	24.04	26.91	26.78	26.92	29.27	0.8453
20	1	49		24.12	24.22	23.54	23.41	23.70	23.87	26.79	26.98	26.72		
20	25	12		24.41	24.09	23.78	23.51	23.59	23.67	26.99	26.86	26.74		
20	1	1	QPSK	24.25	24.22	23.81	23.65	23.61	24.01	26.97	26.94	26.92		
20	1	49		24.04	24.22	23.58	23.52	23.61	23.72	26.80	26.94	26.66		
20	25	12		24.41	24.08	23.77	23.60	23.59	23.65	27.03	26.85	26.72		
20	1	1	16-QAM	24.27	24.05	24.01	23.66	24.01	24.01	26.99	27.04	27.02	29.28	0.8472
20	1	49		23.92	24.33	23.72	23.61	23.52	24.01	26.78	26.95	26.88		
20	25	12		24.39	24.04	23.76	23.61	23.61	23.62	27.03	26.84	26.70		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
25	1	1	BPSK	24.12	24.01	24.06	23.64	23.55	23.91	26.90	26.80	27.00	29.32	0.8551
25	1	63		24.14	24.14	23.70	23.56	23.75	23.70	26.87	26.96	26.71		
25	32	16		24.44	24.10	23.77	23.63	23.64	23.60	27.06	26.89	26.70		
25	1	1	QPSK	24.30	23.74	24.10	23.67	23.56	23.95	27.01	26.66	27.04		
25	1	63		24.17	23.96	23.71	23.52	23.67	23.56	26.87	26.83	26.65		
25	32	16		24.44	24.10	23.81	23.66	23.65	23.62	27.08	26.89	26.73		
25	1	1	16-QAM	24.30	24.05	24.16	23.65	23.64	24.13	27.00	26.86	27.16	29.40	0.8710
25	1	63		24.46	24.12	23.41	23.54	23.76	23.71	27.03	26.95	26.57		
25	32	16		24.45	24.11	23.81	23.66	23.67	23.57	27.08	26.91	26.70		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	BPSK	24.29	23.93	24.36	23.61	23.70	24.00	26.97	26.83	27.19	29.44	0.8790
30	1	76		24.16	23.94	23.51	23.52	23.57	23.52	26.86	26.77	26.53		
30	36	18		24.31	24.08	23.92	23.55	23.63	23.95	26.96	26.87	26.95		
30	1	1	QPSK	24.30	23.92	24.31	23.47	23.72	24.07	26.92	26.83	27.20		
30	1	76		24.30	23.95	23.57	23.59	23.71	23.61	26.97	26.84	26.60		
30	36	18		24.35	24.11	23.91	23.52	23.61	23.97	26.97	26.88	26.95		
30	1	1	16-QAM	24.16	23.99	24.21	23.51	23.56	24.25	26.86	26.79	27.24	29.48	0.8872
30	1	76		23.92	24.07	23.72	23.53	23.76	23.84	26.74	26.93	26.79		
30	36	18		24.37	24.12	23.91	23.56	23.62	24.00	26.99	26.89	26.97		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	BPSK	24.22	24.15	24.56	23.75	23.71	24.02	27.00	26.95	27.31	29.59	0.9099
40	1	104		24.36	24.32	24.17	23.44	23.78	23.58	26.93	27.07	26.90		
40	50	25		24.15	24.23	24.25	23.51	23.63	23.91	26.85	26.95	27.09		
40	1	1	QPSK	24.23	24.21	24.51	23.57	23.60	24.16	26.92	26.93	27.35		
40	1	104		24.24	24.37	24.02	23.19	23.75	23.72	26.76	27.08	26.88		
40	50	25		24.01	24.22	24.34	23.52	23.61	23.88	26.78	26.94	27.13		
40	1	1	16-QAM	24.45	24.16	24.56	23.87	23.82	24.17	27.18	27.00	27.38	29.62	0.9162
40	1	104		24.54	24.23	24.04	23.54	23.98	23.55	27.08	27.12	26.81		
40	50	25		24.08	24.22	24.35	23.52	23.72	23.91	26.82	26.99	27.15		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	BPSK	24.17	24.10	24.78	23.46	23.73	23.72	26.84	26.93	27.29	29.55	0.9016
50	1	131		24.21	24.18	24.02	23.32	23.74	23.46	26.80	26.98	26.76		
50	64	32		24.27	24.24	24.55	23.57	23.61	24.01	26.94	26.95	27.30		
50	1	1	QPSK	24.24	24.21	24.64	23.63	23.74	23.91	26.96	26.99	27.30		
50	1	131		24.21	24.24	23.98	23.37	23.71	23.66	26.82	26.99	26.83		
50	64	32		24.19	24.25	24.55	23.56	23.65	24.03	26.90	26.97	27.31		
50	1	1	16-QAM	24.33	24.54	25.02	23.55	23.59	23.85	26.97	27.10	27.48	29.72	0.9376
50	1	131		24.13	24.29	24.46	23.72	23.74	23.63	26.94	27.03	27.08		
50	64	32		24.28	24.29	24.61	23.65	23.69	24.04	26.99	27.01	27.34		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	BPSK	24.35	24.16	24.41	23.72	23.57	23.95	27.06	26.89	27.20	29.50	0.8913
60	1	160		24.09	24.04	23.86	23.45	23.71	23.59	26.79	26.89	26.74		
60	81	40		24.33	24.23	24.51	23.65	23.65	23.97	27.01	26.96	27.26		
60	1	1	QPSK	24.32	24.25	24.45	23.71	23.74	23.95	27.04	27.01	27.22		
60	1	160		24.12	24.08	23.96	23.44	23.75	23.65	26.80	26.93	26.82		
60	81	40		24.35	24.26	24.51	23.64	23.58	23.96	27.02	26.94	27.25		
60	1	1	16-QAM	24.74	24.41	24.47	23.62	23.65	24.02	27.23	27.06	27.26	29.51	0.8933
60	1	160		24.03	24.17	23.93	23.56	23.95	23.71	26.81	27.07	26.83		
60	81	40		24.33	24.24	24.52	23.62	23.63	23.99	27.00	26.96	27.27		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	BPSK	24.18	24.15	24.35	23.61	23.57	23.82	26.91	26.88	27.10	29.42	0.8750
70	1	187		23.83	24.23	23.86	23.32	23.66	23.56	26.59	26.96	26.72		
70	90	45		24.38	24.22	24.36	23.46	23.61	23.98	26.95	26.94	27.18		
70	1	1	QPSK	24.36	24.17	24.45	23.62	23.58	23.85	27.02	26.90	27.17		
70	1	187		23.85	24.12	23.79	23.36	23.65	23.51	26.62	26.90	26.66		
70	90	45		24.37	24.23	24.31	23.46	23.61	23.95	26.95	26.94	27.14		
70	1	1	16-QAM	24.56	24.39	24.52	23.78	23.51	23.67	27.20	26.98	27.13	29.44	0.8790
70	1	187		23.88	24.44	23.92	23.34	23.77	23.42	26.63	27.13	26.69		
70	90	45		24.38	24.25	24.34	23.42	23.59	23.96	26.94	26.94	27.16		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	BPSK	24.37	24.42	24.40	23.65	23.66	24.01	27.04	27.07	27.22	29.57	0.9057
80	1	215		23.79	23.84	23.85	23.32	23.42	23.48	26.57	26.65	26.68		
80	108	54		24.41	24.43	24.43	23.51	23.45	24.01	26.99	26.98	27.24		
80	1	1	QPSK	24.23	24.29	24.65	23.74	23.74	23.96	27.00	27.03	27.33		
80	1	215		23.84	23.70	23.65	23.45	23.32	23.54	26.66	26.52	26.61		
80	108	54		24.42	24.39	24.42	23.51	23.48	24.01	27.00	26.97	27.23		
80	1	1	16-QAM	24.26	24.19	24.62	23.75	23.79	23.89	27.02	27.00	27.28	29.52	0.8954
80	1	215		23.77	23.89	23.93	23.35	23.33	23.51	26.58	26.63	26.74		
80	108	54		24.43	24.41	24.42	23.51	23.48	24.01	27.00	26.98	27.23		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	BPSK	24.40	24.32	24.57	23.65	24.01	24.01	27.05	27.18	27.31	29.55	0.9016
90	1	243		24.04	23.71	23.86	23.26	23.32	23.42	26.68	26.53	26.66		
90	120	60		24.26	24.57	24.57	23.46	23.86	23.85	26.89	27.24	27.24		
90	1	1	QPSK	24.47	24.48	24.45	23.72	24.02	24.11	27.12	27.27	27.29		
90	1	243		23.92	24.51	23.71	23.38	24.04	23.41	26.67	27.29	26.57		
90	120	60		24.28	24.56	24.59	23.40	23.83	23.85	26.87	27.22	27.25		
90	1	1	16-QAM	24.18	24.57	24.42	23.42	23.69	24.45	26.83	27.16	27.45	29.69	0.9311
90	1	243		24.15	23.63	23.74	23.45	23.42	23.52	26.82	26.54	26.64		
90	120	60		24.27	24.57	24.65	23.45	23.84	23.86	26.89	27.23	27.28		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	BPSK	24.44	24.21	24.35	23.45	23.65	24.03	26.98	26.95	27.20	29.49	0.8892
100	1	271		23.84	24.08	23.63	23.40	23.65	23.51	26.64	26.88	26.58		
100	135	67		24.28	24.23	24.35	23.57	23.65	23.89	26.95	26.96	27.14		
100	1	1	QPSK	24.35	24.24	24.42	23.77	23.69	24.06	27.08	26.98	27.25		
100	1	271		23.76	23.69	23.45	23.42	23.55	23.49	26.60	26.63	26.48		
100	135	67		24.33	24.25	24.35	23.76	23.67	23.95	27.06	26.98	27.16		
100	1	1	16-QAM	24.38	24.17	24.36	23.75	23.82	24.05	27.09	27.01	27.22	29.46	0.8831
100	1	271		23.85	23.92	23.68	23.36	23.63	23.49	26.62	26.79	26.60		
100	135	67		24.35	24.24	24.35	23.56	23.65	23.97	26.98	26.97	27.17		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	BPSK	23.04	22.98	22.93	23.83	23.67	23.36	26.46	26.35	26.16	27.57	0.5715
10	1	22		23.19	23.11	22.70	23.76	23.59	23.56	26.49	26.37	26.16		
10	12	6		23.23	23.22	22.74	23.95	23.63	23.37	26.62	26.44	26.08		
10	1	1	QPSK	23.08	23.01	22.81	23.91	23.73	23.18	26.53	26.40	26.01		
10	1	22		23.26	23.19	22.76	24.18	23.44	23.40	26.75	26.33	26.10		
10	12	6		23.31	23.11	22.71	23.90	23.60	23.30	26.63	26.37	26.03		
10	1	1	16-QAM	23.31	22.97	22.74	24.17	23.52	23.11	26.77	26.26	25.94	27.59	0.5741
10	1	22		23.10	23.16	22.84	24.18	23.56	23.35	26.68	26.37	26.11		
10	12	6		23.27	23.29	22.78	23.95	23.75	23.34	26.63	26.54	26.08		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	BPSK	23.08	23.03	22.83	23.85	23.67	23.50	26.49	26.37	26.19	27.48	0.5598
15	1	36		23.19	23.18	22.78	23.66	23.52	23.19	26.44	26.36	26.00		
15	18	9		23.24	22.86	22.70	23.91	23.70	23.65	26.60	26.31	26.21		
15	1	1	QPSK	23.04	22.92	22.66	23.94	23.62	23.52	26.52	26.29	26.12		
15	1	36		23.10	23.15	22.75	23.84	23.54	23.36	26.50	26.36	26.08		
15	18	9		23.31	22.94	22.69	23.96	23.64	23.45	26.66	26.31	26.10		
15	1	1	16-QAM	23.20	23.15	22.63	23.66	23.80	23.35	26.45	26.50	26.02	27.43	0.5534
15	1	36		23.15	23.19	22.75	23.72	23.83	23.19	26.45	26.53	25.99		
15	18	9		23.32	23.14	22.66	23.87	23.70	23.53	26.61	26.44	26.13		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	BPSK	23.26	22.98	23.00	24.03	23.73	23.62	26.67	26.38	26.33	27.49	0.5610
20	1	49		22.94	23.15	22.79	23.60	23.61	23.27	26.29	26.40	26.05		
20	25	12		23.25	23.08	22.84	23.81	23.75	23.35	26.55	26.44	26.11		
20	1	1	QPSK	23.15	23.13	22.81	23.98	23.82	23.52	26.60	26.50	26.19		
20	1	49		22.93	23.31	22.72	23.70	23.61	23.26	26.34	26.47	26.01		
20	25	12		23.23	23.01	22.81	23.85	23.76	23.34	26.56	26.41	26.09		
20	1	1	16-QAM	23.20	23.12	22.83	23.94	24.06	23.55	26.60	26.63	26.22	27.45	0.5559
20	1	49		23.00	23.09	22.34	23.67	23.48	23.40	26.36	26.30	25.91		
20	25	12		23.20	23.08	22.82	23.86	23.75	23.39	26.55	26.44	26.12		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 7			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
25	1	1	BPSK	23.14	22.96	23.14	23.93	23.75	23.57	26.56	26.38	26.37	27.52	0.5649
25	1	63		23.12	23.04	22.75	23.70	23.72	23.42	26.43	26.40	26.11		
25	32	16		23.32	22.99	22.96	23.92	23.78	23.37	26.64	26.41	26.18		
25	1	1	QPSK	23.18	23.02	23.10	24.15	23.84	23.76	26.70	26.46	26.45		
25	1	63		23.09	23.14	22.54	23.78	23.84	23.28	26.46	26.51	25.94		
25	32	16		23.30	23.04	23.07	23.87	23.77	23.38	26.60	26.43	26.24		
25	1	1	16-QAM	23.32	23.62	23.24	24.02	23.92	23.66	26.69	26.78	26.47	27.60	0.5754
25	1	63		23.05	23.20	22.54	23.77	23.58	23.35	26.44	26.40	25.97		
25	32	16		23.33	23.12	23.00	23.88	23.72	23.41	26.62	26.44	26.22		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	BPSK	23.17	22.98	23.10	24.00	23.98	23.64	26.62	26.52	26.39	27.51	0.5636
30	1	76		22.99	23.02	22.60	23.95	23.91	23.24	26.51	26.50	25.94		
30	36	18		23.24	23.05	22.81	23.86	23.69	23.53	26.57	26.39	26.20		
30	1	1	QPSK	23.27	22.98	23.21	24.05	23.84	23.64	26.69	26.44	26.44		
30	1	76		22.98	23.06	22.70	23.82	23.91	23.35	26.43	26.52	26.05		
30	36	18		23.23	23.02	22.82	23.90	23.72	23.58	26.59	26.39	26.23		
30	1	1	16-QAM	23.33	23.14	23.30	23.75	23.75	24.05	26.56	26.47	26.70	27.52	0.5649
30	1	76		22.93	22.88	22.70	23.56	23.79	23.25	26.27	26.37	25.99		
30	36	18		23.30	23.05	22.76	23.93	23.74	23.56	26.64	26.42	26.19		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	BPSK	23.10	22.76	22.85	24.06	23.79	23.79	26.62	26.32	26.36	27.44	0.5546
40	1	104		23.02	23.05	22.85	23.77	23.70	23.50	26.42	26.40	26.20		
40	50	25		22.99	23.06	22.90	23.75	23.75	23.60	26.40	26.43	26.27		
40	1	1	QPSK	23.15	22.95	22.85	23.91	23.96	23.98	26.56	26.49	26.46		
40	1	104		23.14	23.18	22.62	23.52	23.70	23.34	26.34	26.46	26.01		
40	50	25		22.96	23.08	22.94	23.75	23.75	23.62	26.38	26.44	26.30		
40	1	1	16-QAM	23.02	23.14	23.46	23.63	23.92	24.21	26.35	26.56	26.86	27.68	0.5861
40	1	104		23.35	23.10	23.05	23.40	23.83	23.18	26.39	26.49	26.13		
40	50	25		22.99	23.08	23.01	23.74	23.77	23.68	26.39	26.45	26.37		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	BPSK	23.12	22.97	23.12	24.10	23.85	23.75	26.65	26.44	26.46	27.47	0.5585
50	1	131		23.07	23.09	22.75	23.65	23.83	23.21	26.38	26.49	26.00		
50	64	32		23.10	23.05	23.10	23.90	23.76	23.70	26.53	26.43	26.42		
50	1	1	QPSK	23.33	22.99	23.21	23.90	23.86	23.94	26.63	26.46	26.60		
50	1	131		22.81	22.80	22.65	23.41	23.74	23.14	26.13	26.31	25.91		
50	64	32		23.18	23.08	23.07	23.88	23.72	23.71	26.55	26.42	26.41		
50	1	1	16-QAM	23.27	23.07	23.09	24.30	24.12	23.41	26.83	26.64	26.26	27.65	0.5821
50	1	131		22.91	22.59	22.76	23.56	23.84	23.07	26.26	26.27	25.93		
50	64	32		23.13	23.05	23.07	23.90	23.74	23.70	26.54	26.42	26.41		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	BPSK	23.03	23.04	23.12	24.00	23.80	23.87	26.55	26.45	26.52	27.44	0.5546
60	1	160		22.65	22.89	22.79	23.71	23.80	23.11	26.22	26.38	25.96		
60	81	40		23.11	23.07	23.13	23.90	23.77	23.75	26.53	26.44	26.46		
60	1	1	QPSK	23.20	22.83	23.13	23.98	23.82	23.93	26.62	26.36	26.56		
60	1	160		22.82	22.98	22.48	23.59	23.78	23.24	26.23	26.41	25.89		
60	81	40		23.12	23.08	23.16	23.83	23.80	23.70	26.50	26.47	26.45		
60	1	1	16-QAM	23.36	22.93	23.21	23.74	23.85	23.94	26.56	26.42	26.60	27.42	0.5521
60	1	160		23.02	22.98	22.15	23.94	23.56	23.08	26.51	26.29	25.65		
60	81	40		23.08	23.15	23.14	23.90	23.77	23.80	26.52	26.48	26.49		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	BPSK	23.19	22.97	23.29	23.99	23.65	23.76	26.62	26.33	26.54	27.50	0.5623
70	1	187		22.61	22.82	22.64	23.52	23.73	23.29	26.10	26.31	25.99		
70	90	45		23.30	23.09	23.16	23.81	23.80	23.97	26.57	26.47	26.59		
70	1	1	QPSK	23.23	23.02	23.40	24.04	23.55	23.92	26.66	26.30	26.68		
70	1	187		22.72	22.79	22.72	23.51	23.77	23.28	26.14	26.32	26.02		
70	90	45		23.25	23.06	23.19	23.80	23.80	24.00	26.54	26.46	26.62		
70	1	1	16-QAM	23.21	23.11	23.47	24.25	23.64	24.09	26.77	26.39	26.80	27.62	0.5781
70	1	187		22.58	22.83	22.81	23.53	23.82	23.23	26.09	26.36	26.04		
70	90	45		23.32	23.07	23.16	23.85	23.74	23.93	26.60	26.43	26.57		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	BPSK	23.21	22.94	23.17	24.13	24.02	24.01	26.70	26.52	26.62	27.52	0.5649
80	1	215		22.44	22.61	22.61	23.63	23.75	23.10	26.09	26.23	25.87		
80	108	54		23.25	23.10	23.11	23.70	23.80	23.88	26.49	26.47	26.52		
80	1	1	QPSK	23.27	22.85	22.96	24.08	24.00	24.07	26.70	26.47	26.56		
80	1	215		22.42	22.75	22.74	23.42	23.66	23.47	25.96	26.24	26.13		
80	108	54		23.24	23.10	23.07	23.72	23.80	23.91	26.50	26.47	26.52		
80	1	1	16-QAM	23.50	23.21	23.30	24.03	23.93	24.38	26.78	26.60	26.88	27.70	0.5888
80	1	215		22.78	23.19	22.60	23.70	24.14	23.51	26.27	26.70	26.09		
80	108	54		23.22	23.13	23.16	23.80	23.76	23.92	26.53	26.47	26.57		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	BPSK	23.24	23.18	23.35	24.03	24.00	24.02	26.66	26.62	26.71	27.70	0.5888
90	1	243		22.68	22.57	22.53	23.41	23.53	23.27	26.07	26.09	25.93		
90	120	60		23.15	23.06	23.13	23.80	23.82	23.71	26.50	26.47	26.44		
90	1	1	QPSK	23.41	23.22	23.16	24.28	24.25	24.03	26.88	26.78	26.63		
90	1	243		22.63	22.65	22.59	23.49	23.52	23.40	26.09	26.12	26.02		
90	120	60		23.15	23.10	23.15	23.80	23.78	23.61	26.50	26.46	26.40		
90	1	1	16-QAM	23.18	22.88	22.70	24.40	24.09	23.84	26.84	26.54	26.32	27.66	0.5834
90	1	243		22.51	22.31	22.58	23.50	23.66	23.05	26.04	26.05	25.83		
90	120	60		23.13	23.12	23.11	23.80	23.82	23.60	26.49	26.49	26.37		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	BPSK	23.33	23.11	23.09	24.13	23.85	24.18	26.76	26.51	26.68	27.58	0.5728
100	1	271		22.76	22.75	22.48	23.63	23.36	23.17	26.23	26.08	25.85		
100	135	67		23.08	23.09	23.02	23.77	23.82	23.73	26.45	26.48	26.40		
100	1	1	QPSK	23.20	22.97	23.15	24.16	23.84	24.11	26.72	26.44	26.67		
100	1	271		22.64	22.35	22.57	23.63	23.48	23.02	26.17	25.96	25.81		
100	135	67		23.15	23.12	22.97	23.78	23.82	23.77	26.49	26.49	26.40		
100	1	1	16-QAM	23.40	23.15	22.87	24.10	23.96	23.86	26.77	26.58	26.40	27.59	0.5741
100	1	271		22.63	22.42	22.53	23.55	23.39	23.09	26.12	25.94	25.83		
100	135	67		23.17	22.96	22.96	23.80	23.85	23.73	26.51	26.44	26.37		
Limit	EIRP < 1W			Result									Pass	



FR1 n77 HPUE

<SISO Mode>

Peak-to-Average Ratio

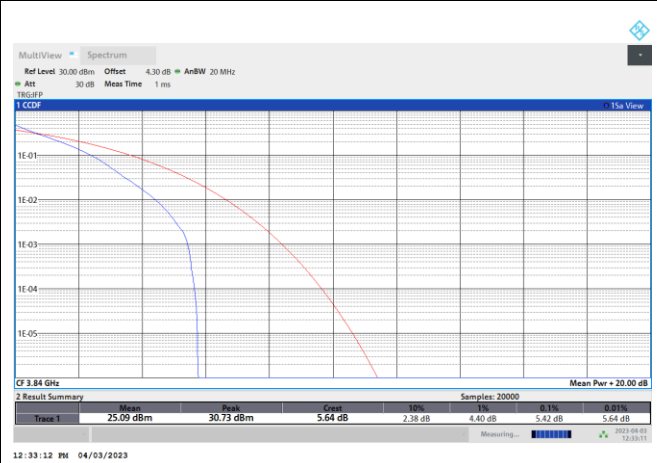
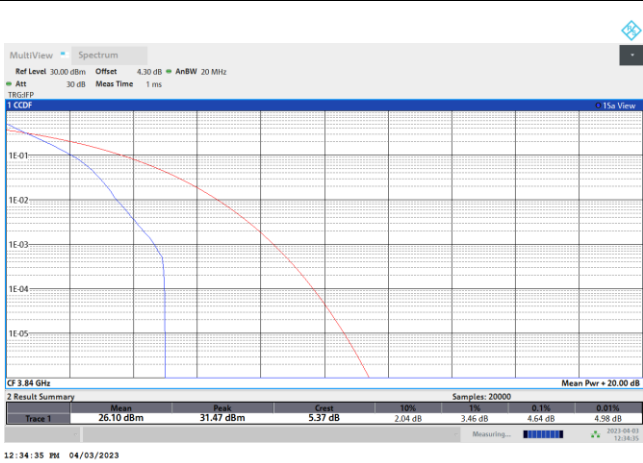
Mode	FR1 n77 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.64	5.42	5.58	5.64	PASS
Mode	FR1 n77 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.62				PASS



FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

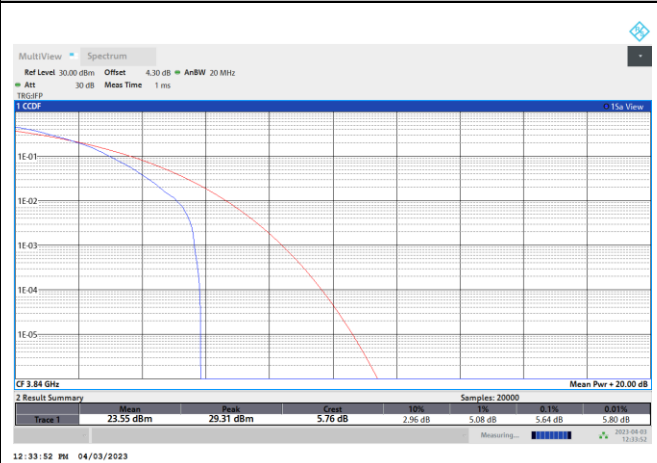
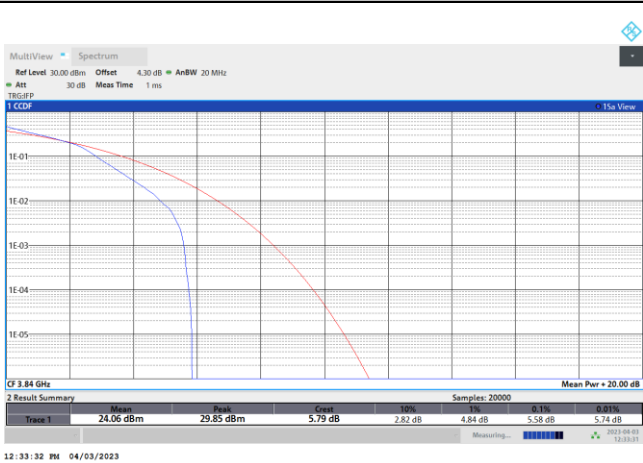
PI/2 BPSK

QPSK

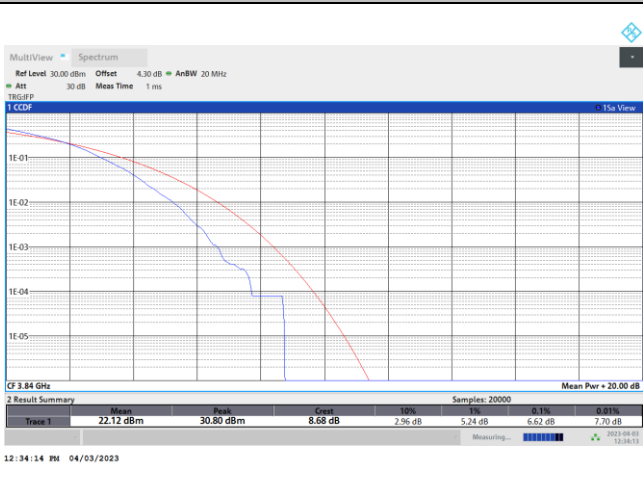


16QAM

64QAM



256QAM





26dB Bandwidth

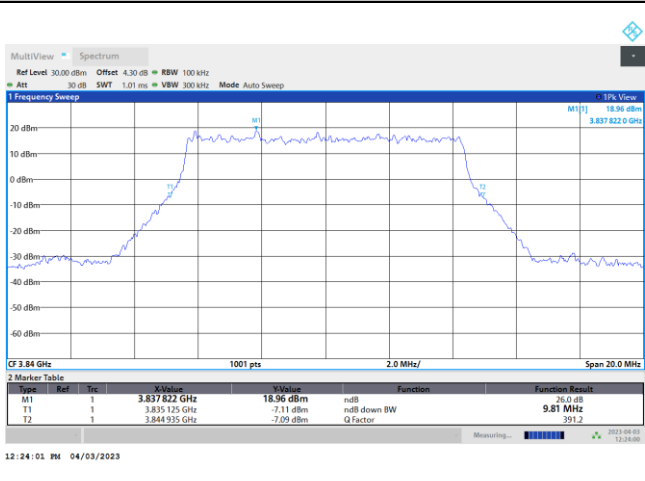
Mode	FR1 n77 : 26dB BW(MHz) / DFT-S OFDM							
BW	10MHz	15MHz	20MHz	25MHz	30MHz	40MHz	50MHz	60MHz
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK
Middle CH	9.81	14.75	19.86	24.88	28.83	39.16	49.25	62.94
BW	70MHz	80MHz	90MHz	100MHz				
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK				
Middle CH	70.07	83.60	93.51	101.90				

Mode	FR1 n77 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.27	9.85	15.55	15.73	20.34	20.42	25.33	25.18
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	9.93	9.61	15.82	15.88	20.18	20.02	25.38	25.23
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	29.97	29.91	42.20	42.36	51.85	52.05	63.90	64.38
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	29.79	29.79	42.12	43.16	51.85	52.05	63.54	63.78
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	74.13	73.71	84.40	85.03	94.41	93.69	103.50	103.30
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	73.71	73.71	84.88	83.44	93.87	93.51	104.70	103.70



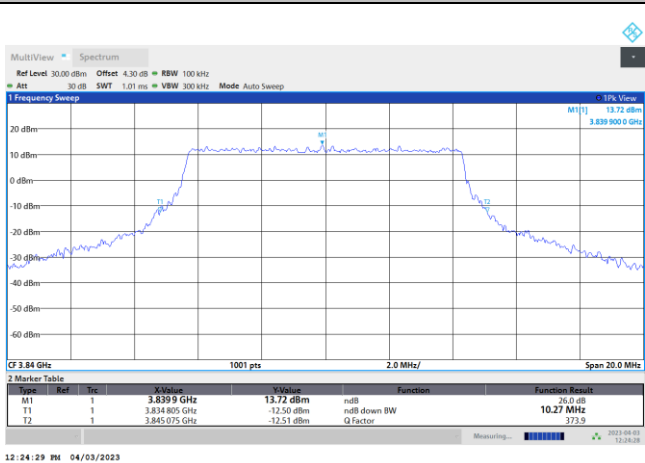
FR1 n77 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

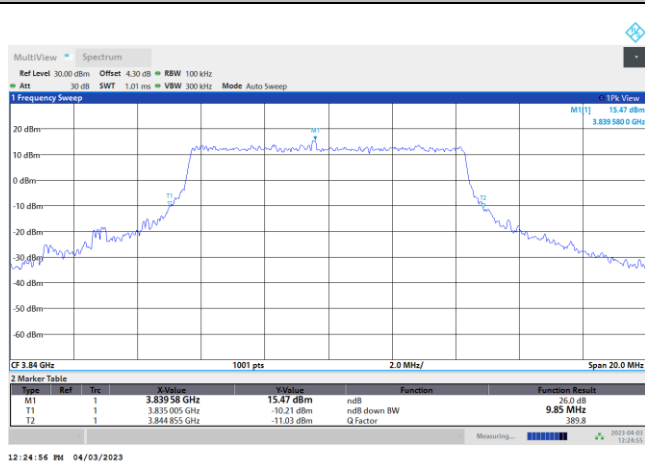


FR1 n77 / 10MHz / CP OFDM / Middle Channel / Full RB

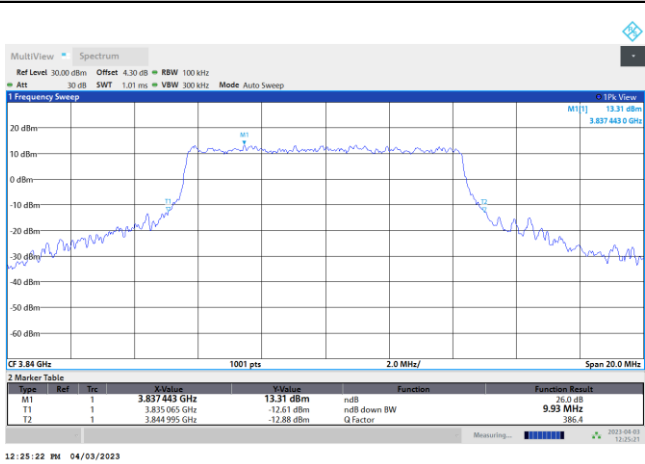
QPSK



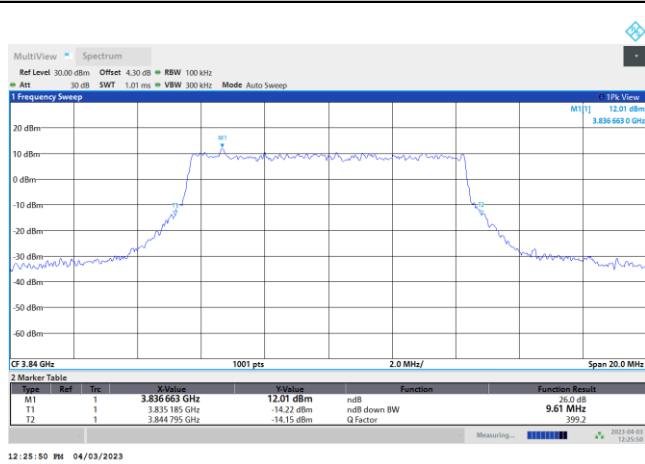
16QAM



64QAM



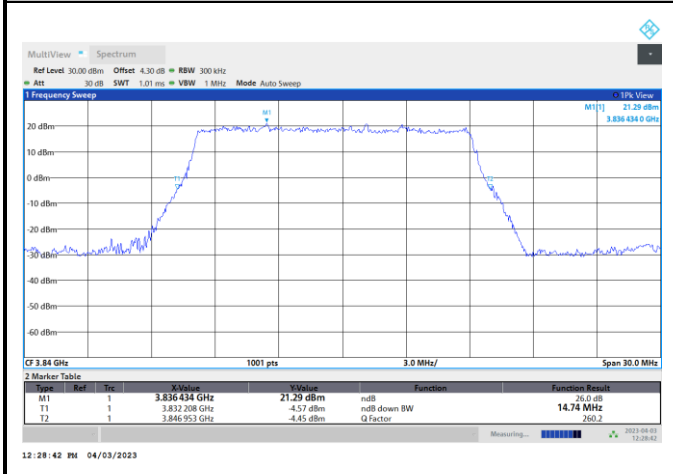
256QAM





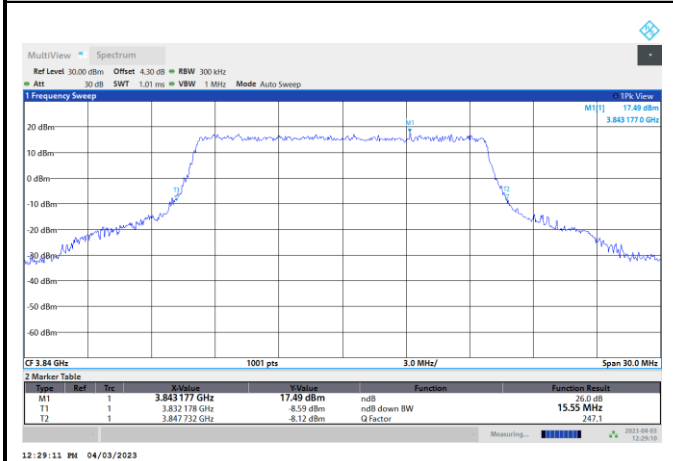
FR1 n77 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

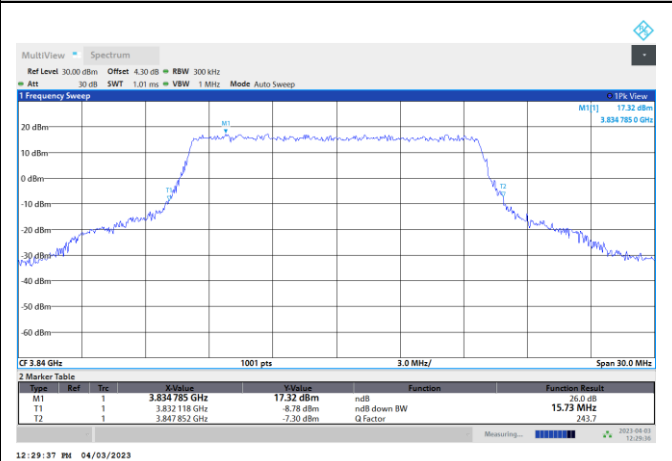


FR1 n77 / 15MHz / CP OFDM / Middle Channel / Full RB

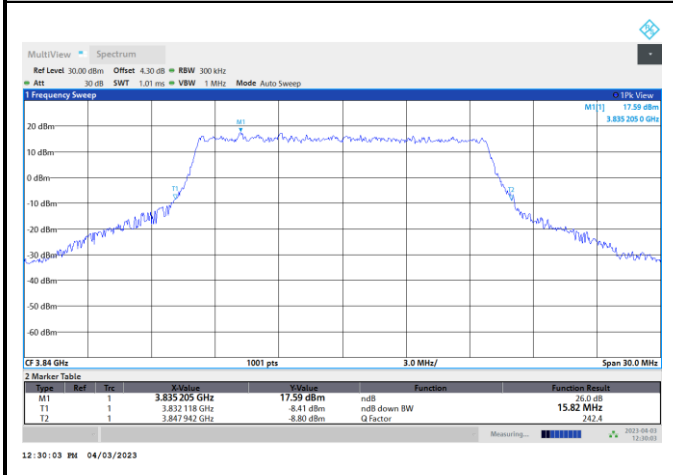
QPSK



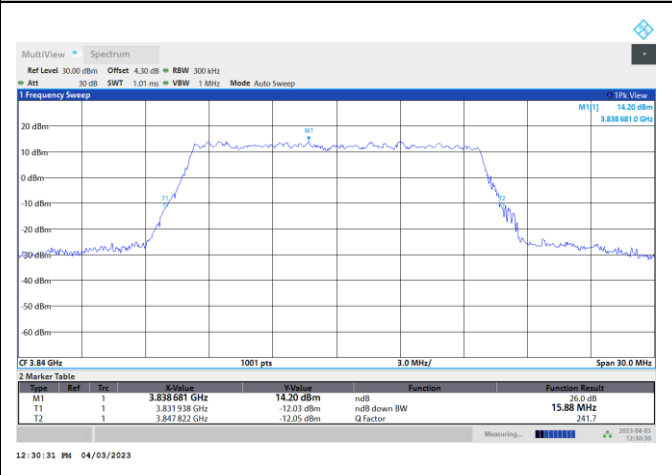
16QAM



64QAM



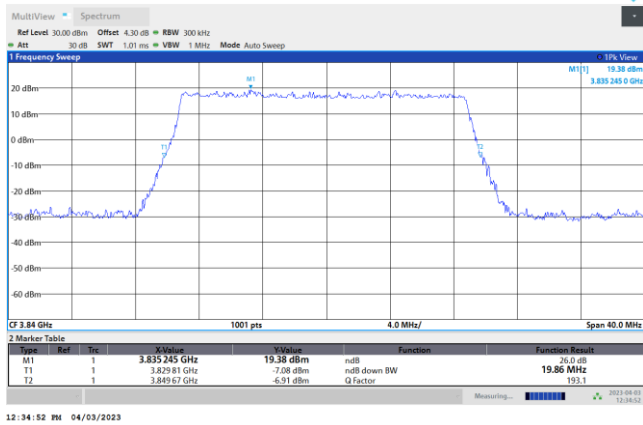
256QAM





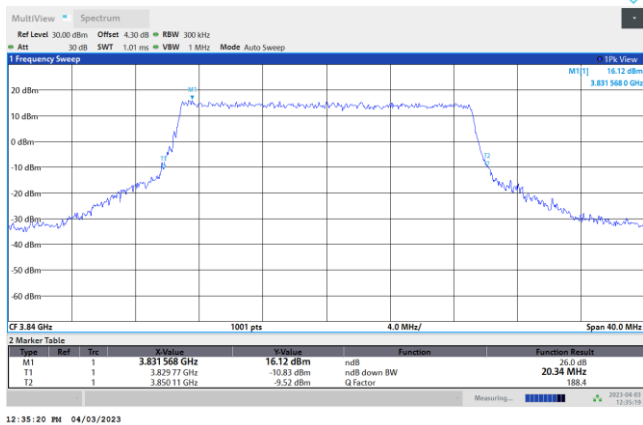
FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

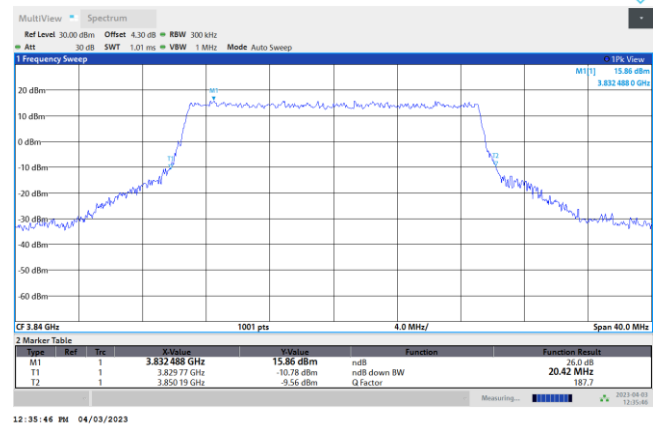


FR1 n77 / 20MHz / CP OFDM / Middle Channel / Full RB

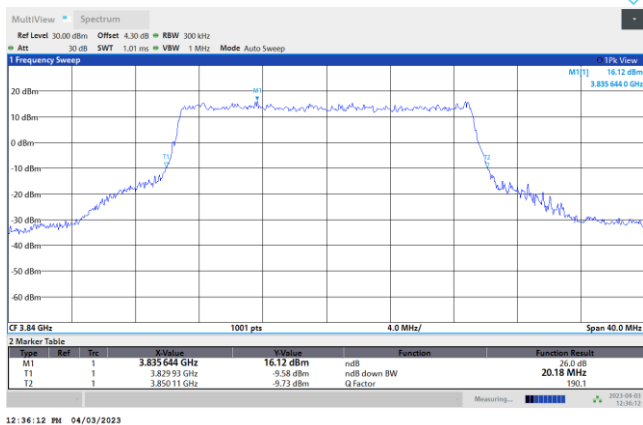
QPSK



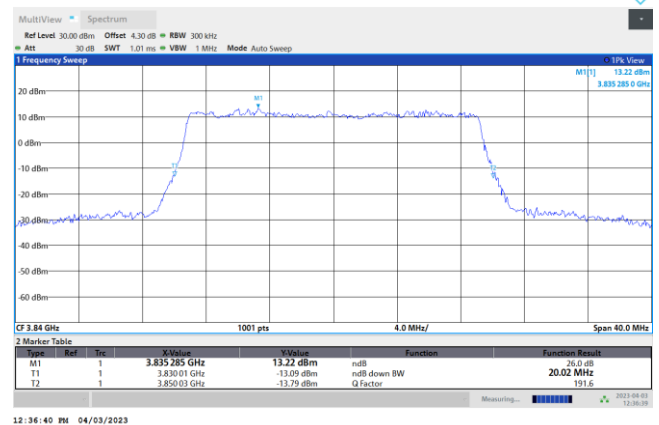
16QAM



64QAM



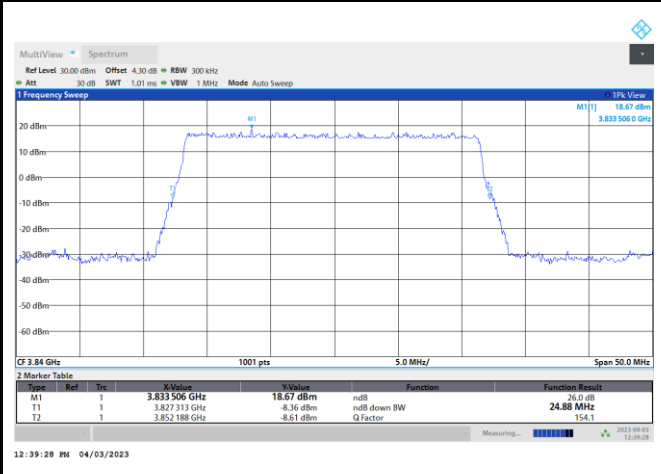
256QAM





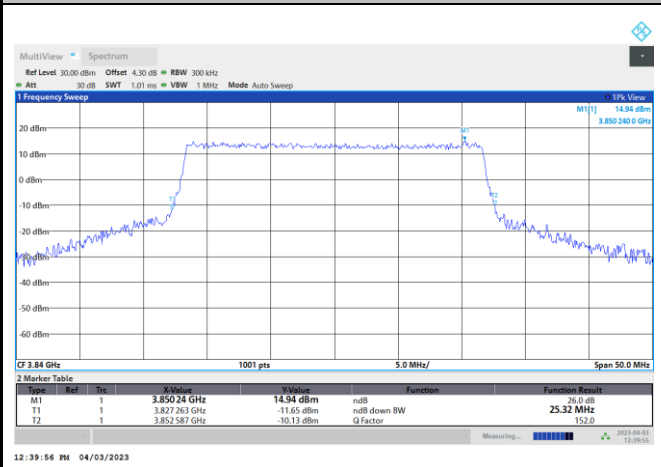
FR1 n77 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

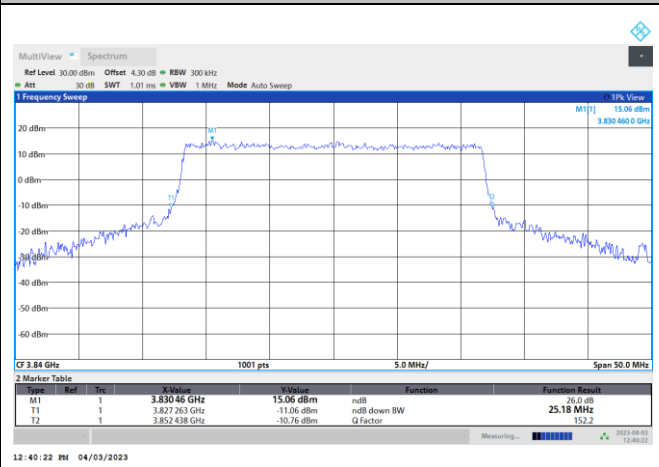


FR1 n77 / 25MHz / CP OFDM / Middle Channel / Full RB

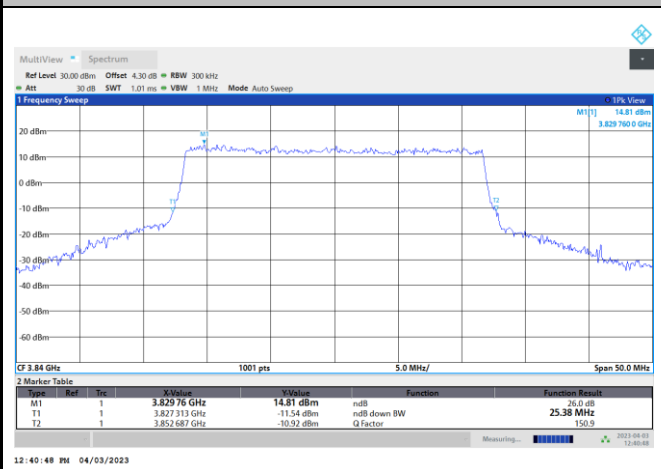
QPSK



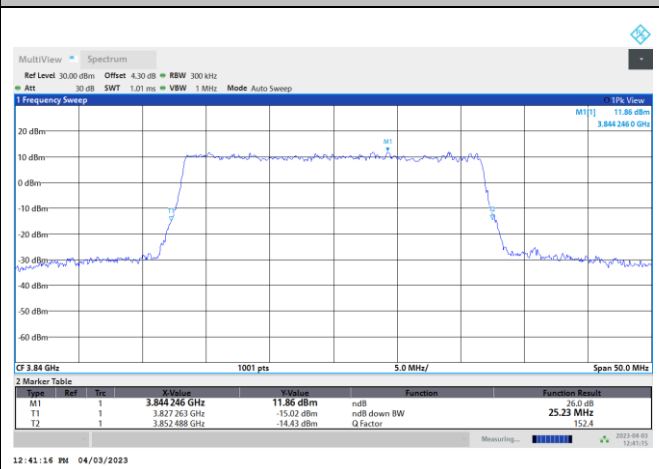
16QAM



64QAM



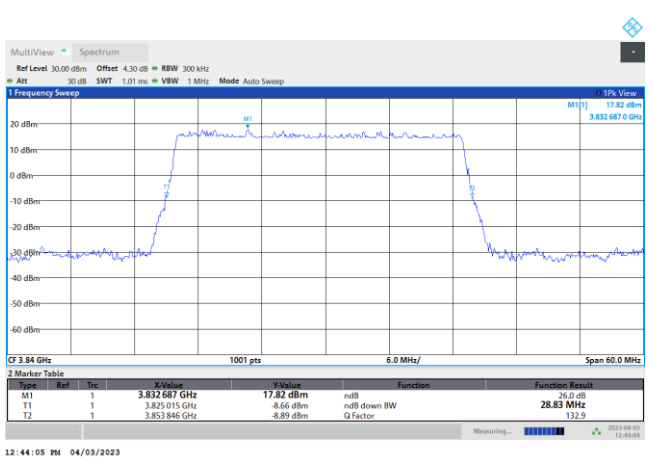
256QAM





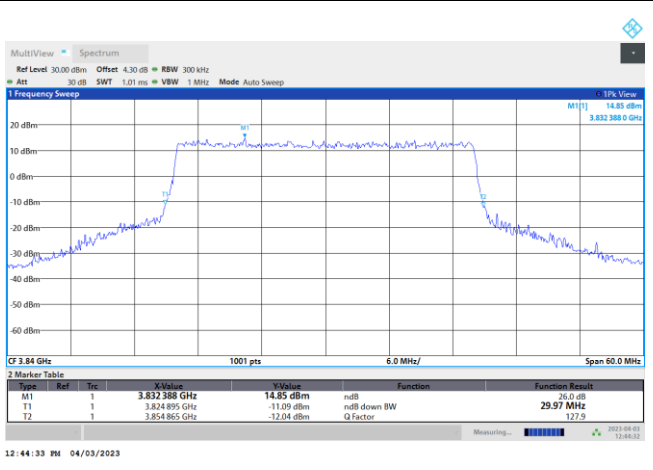
FR1 n77 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

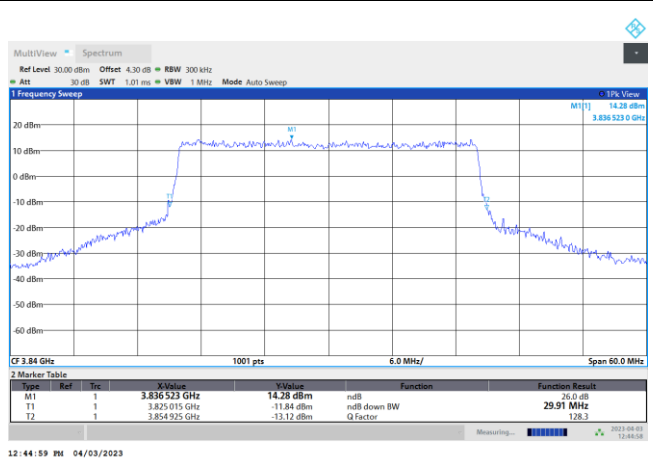


FR1 n77 / 30MHz / CP OFDM / Middle Channel / Full RB

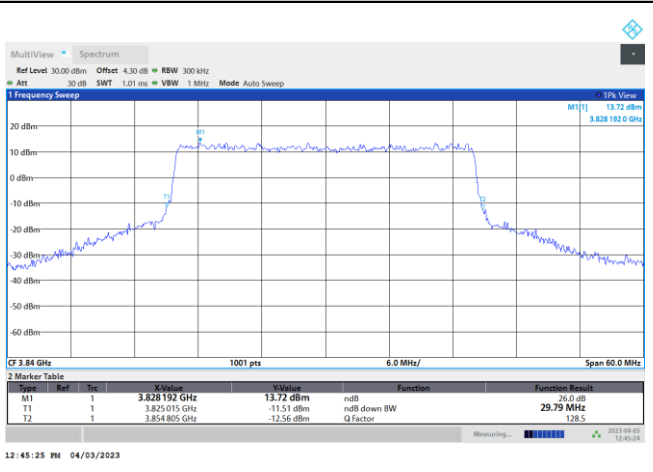
QPSK



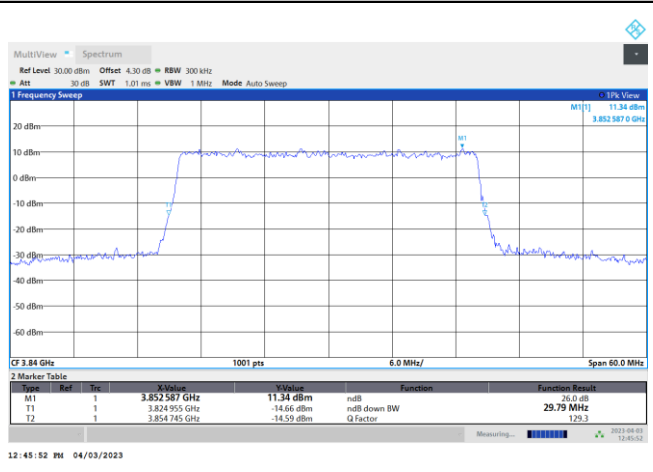
16QAM



64QAM



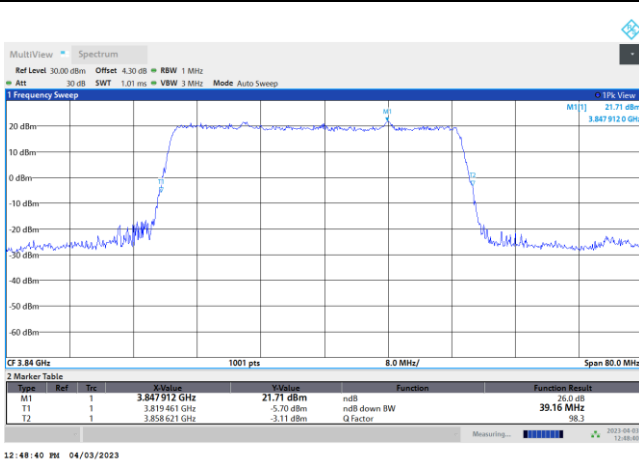
256QAM





FR1 n77 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

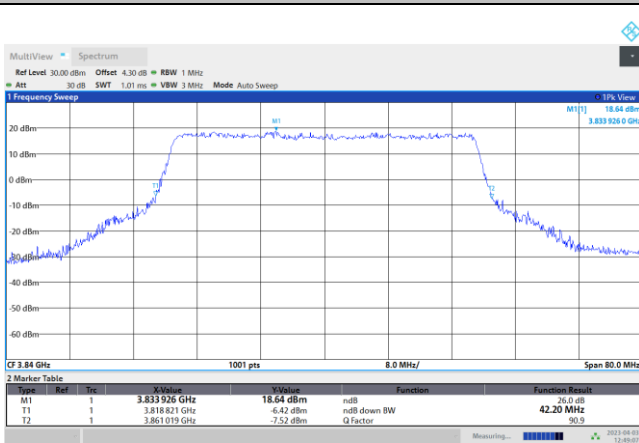
PI/2 BPSK



12:48:40 PM 04/03/2023

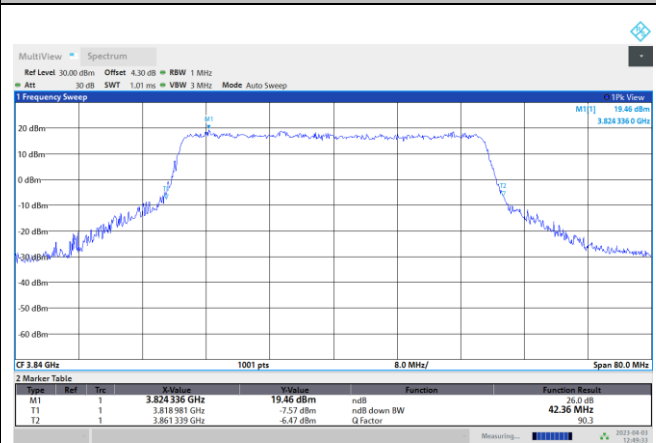
FR1 n77 / 40MHz / CP OFDM / Middle Channel / Full RB

QPSK



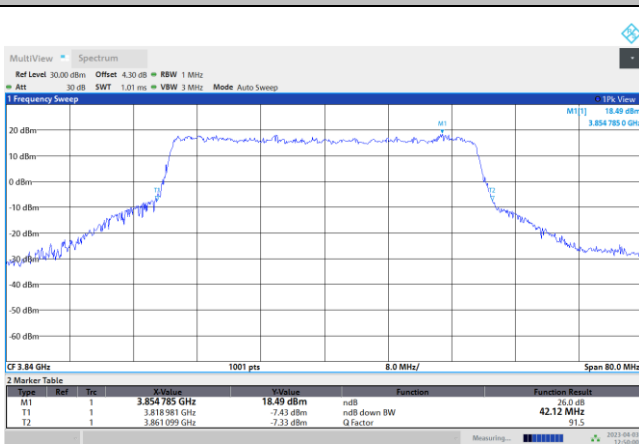
12:49:08 PM 04/03/2023

16QAM



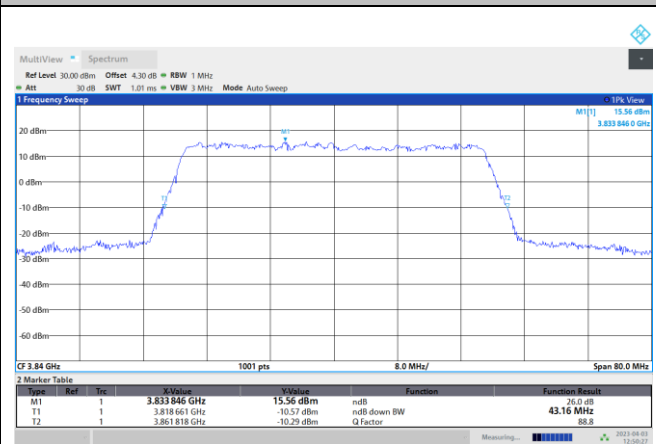
12:49:34 PM 04/03/2023

64QAM



12:50:00 PM 04/03/2023

256QAM

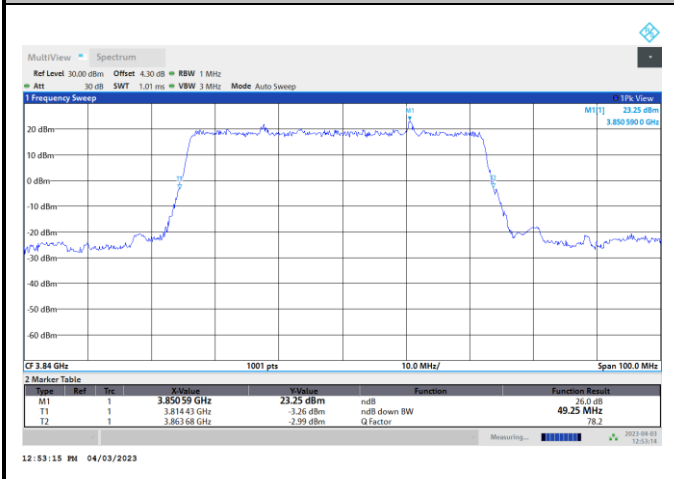


12:50:27 PM 04/03/2023



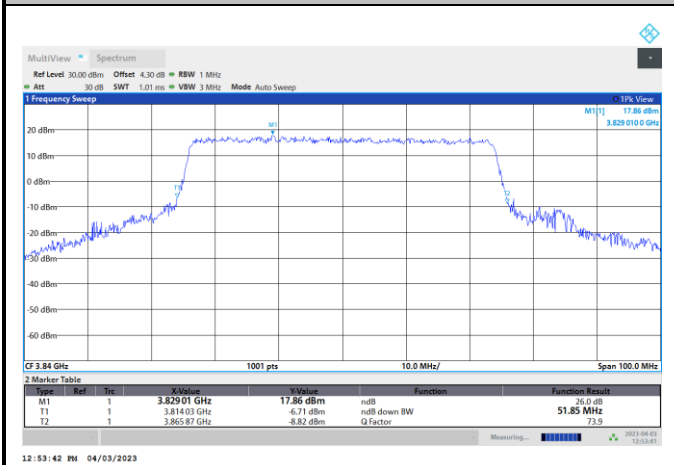
FR1 n77 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

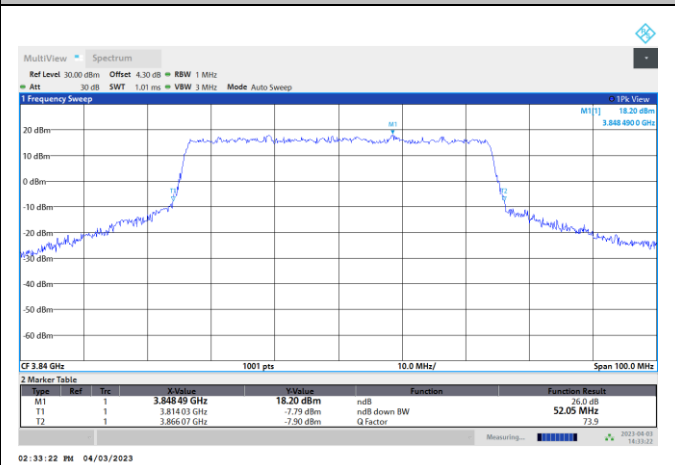


FR1 n77 / 50MHz / CP OFDM / Middle Channel / Full RB

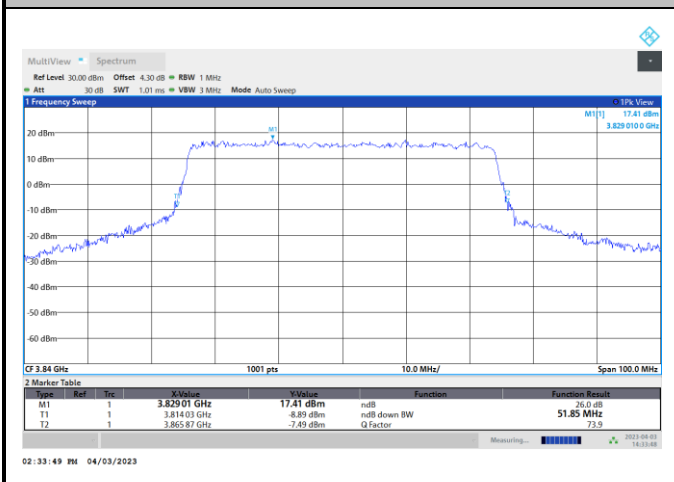
QPSK



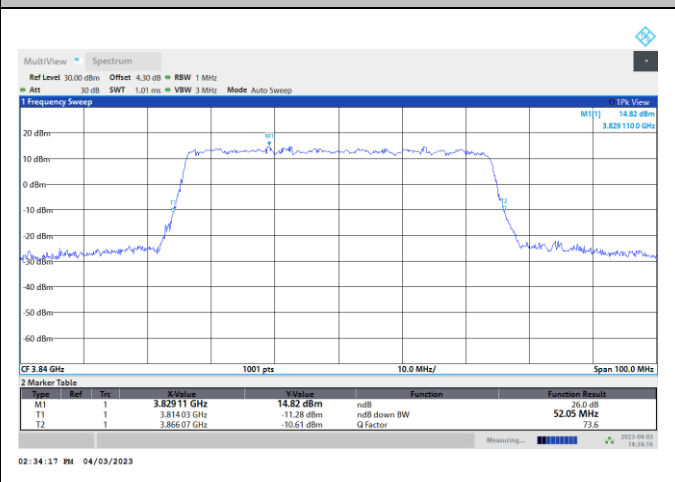
16QAM



64QAM



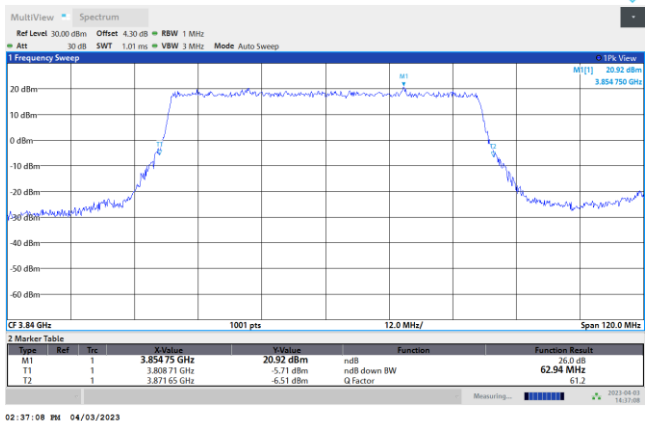
256QAM





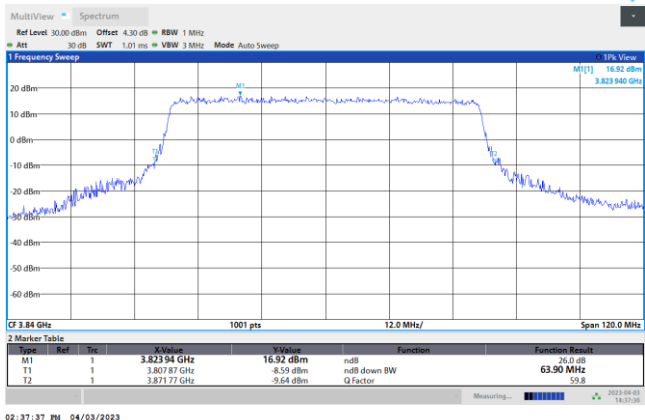
FR1 n77 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

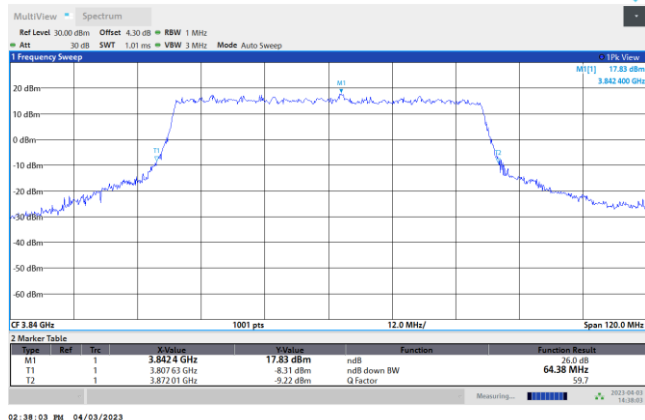


FR1 n77 / 60MHz / CP OFDM / Middle Channel / Full RB

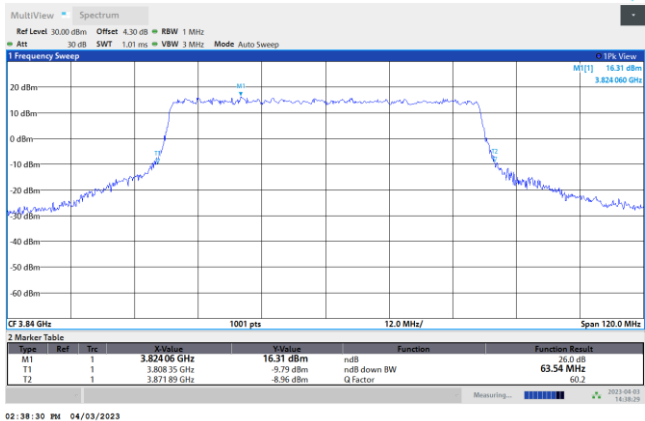
QPSK



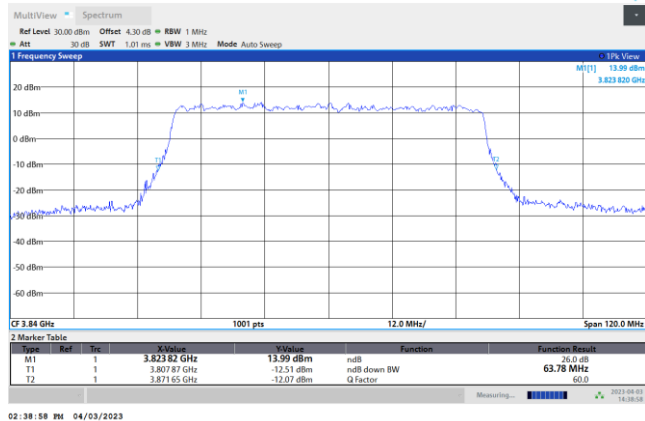
16QAM



64QAM



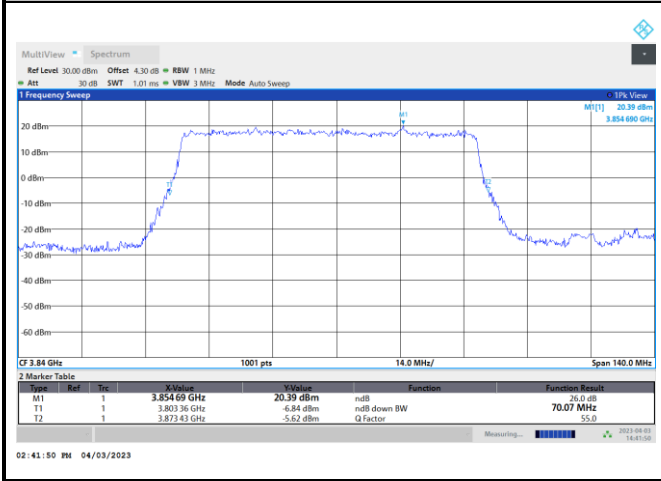
256QAM





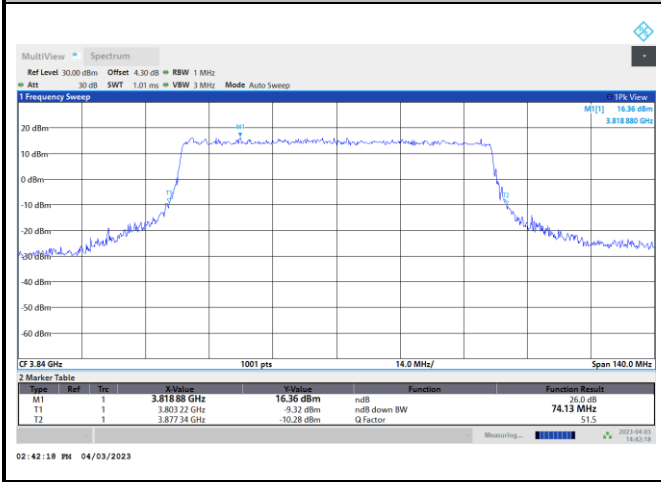
FR1 n77 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

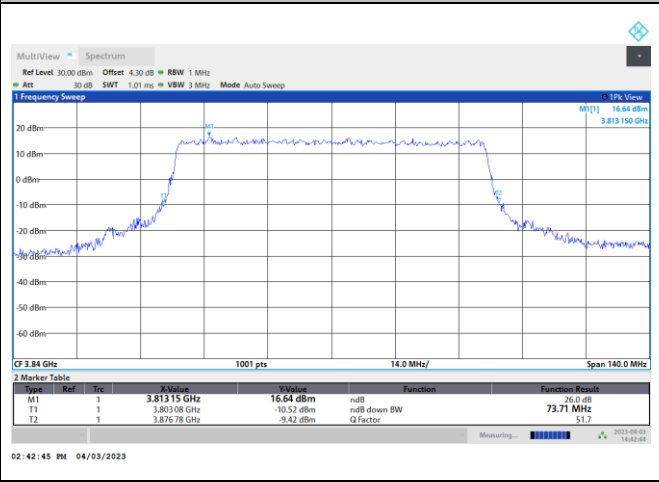


FR1 n77 / 70MHz / CP OFDM / Middle Channel / Full RB

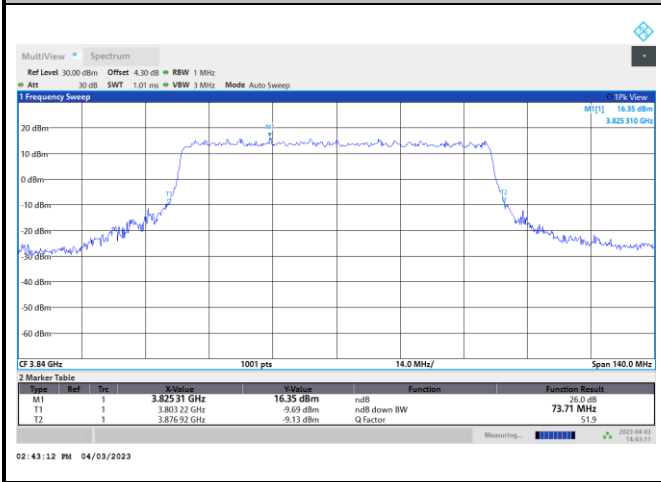
QPSK



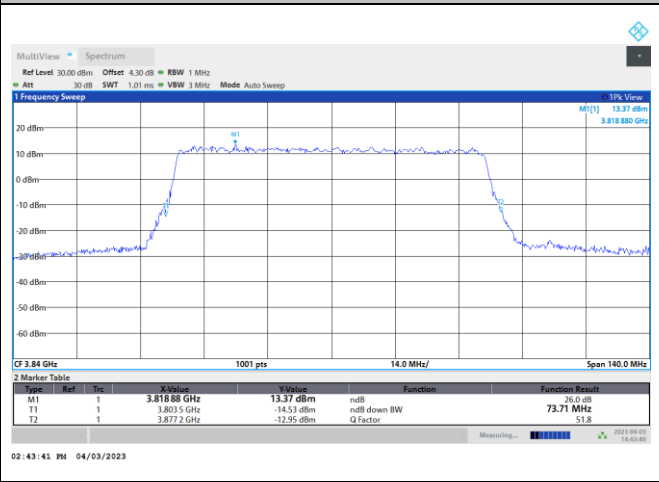
16QAM



64QAM



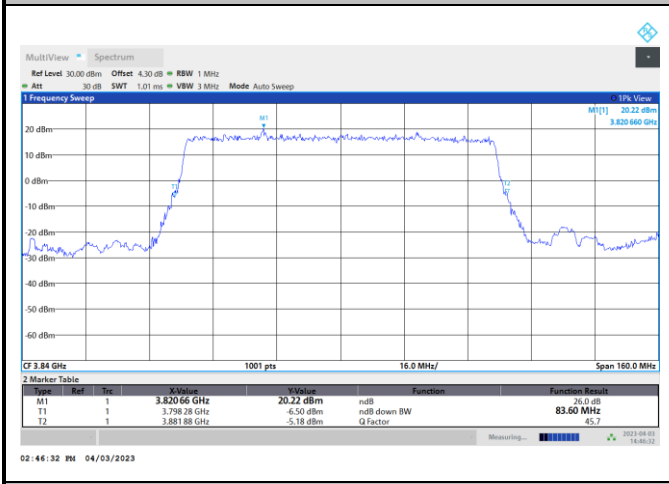
256QAM





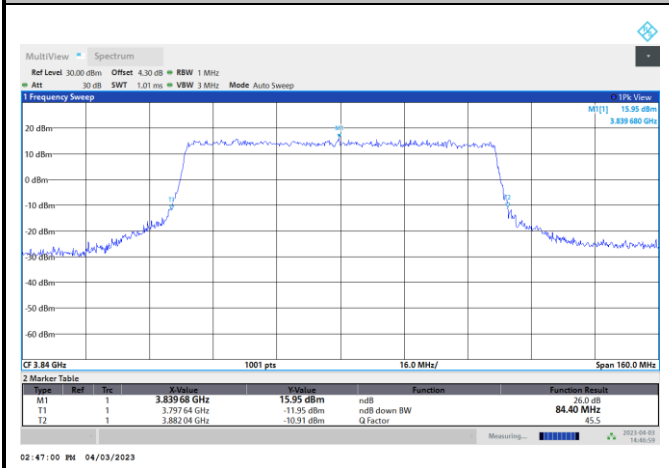
FR1 n77 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

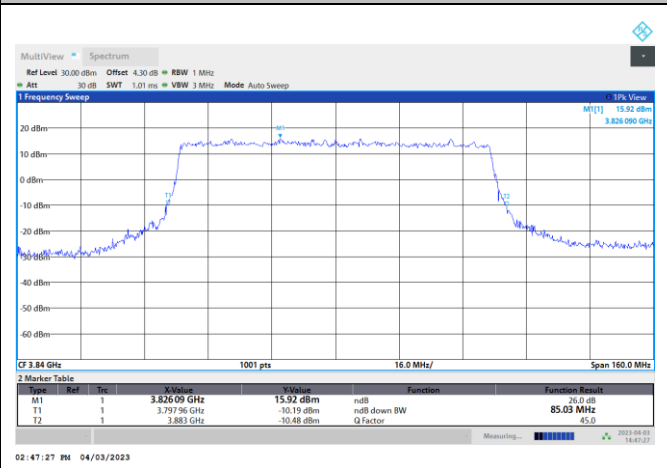


FR1 n77 / 80MHz / CP OFDM / Middle Channel / Full RB

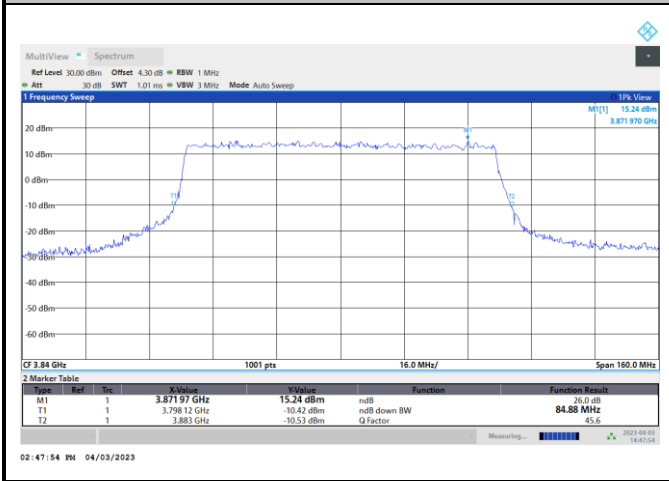
QPSK



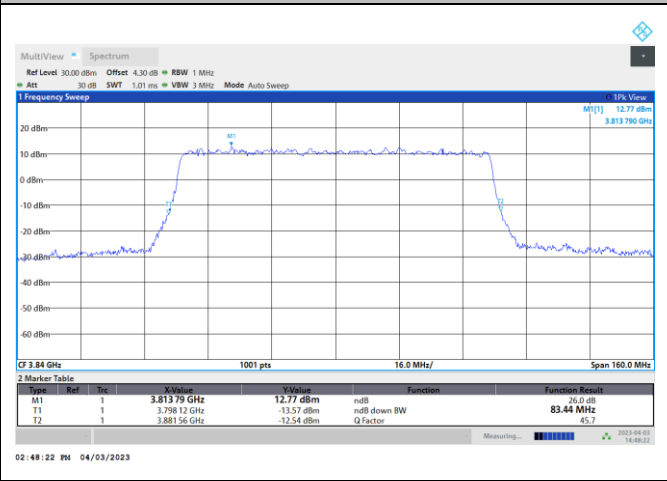
16QAM



64QAM



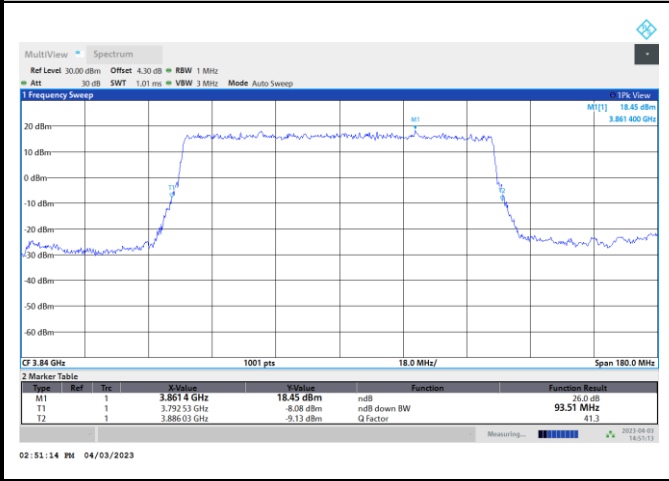
256QAM





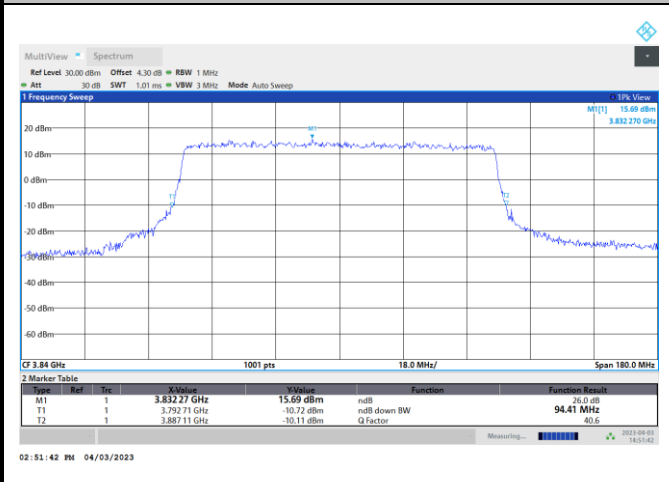
FR1 n77 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

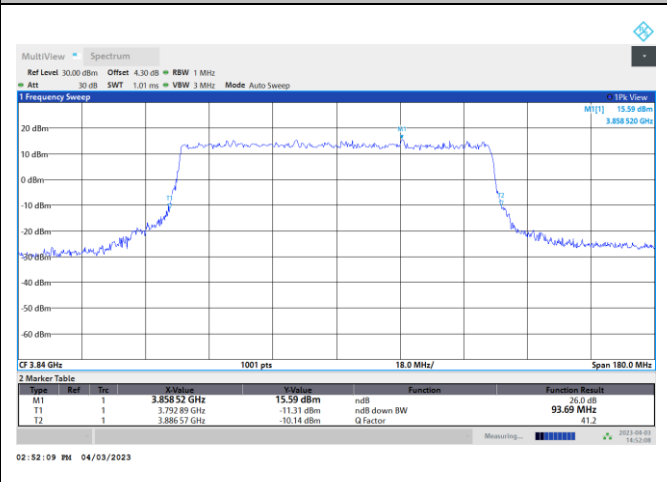


FR1 n77 / 90MHz / CP OFDM / Middle Channel / Full RB

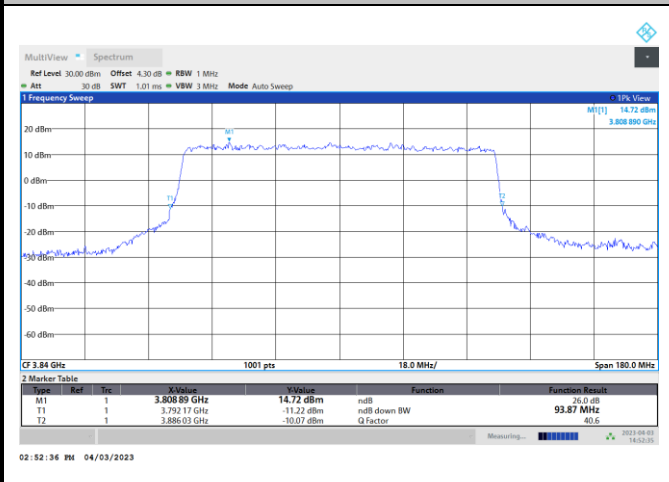
QPSK



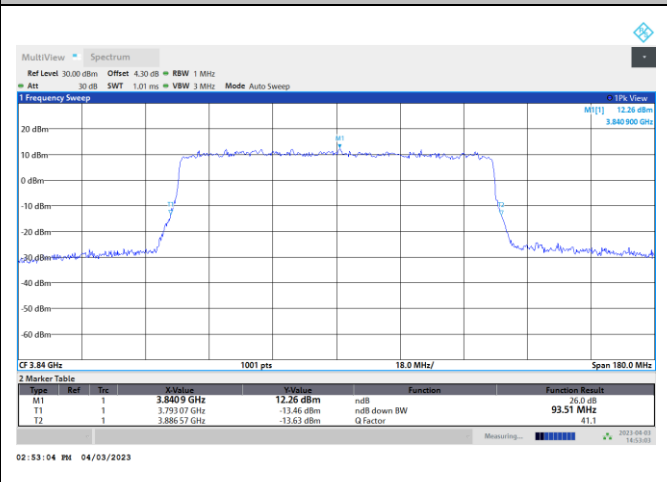
16QAM



64QAM



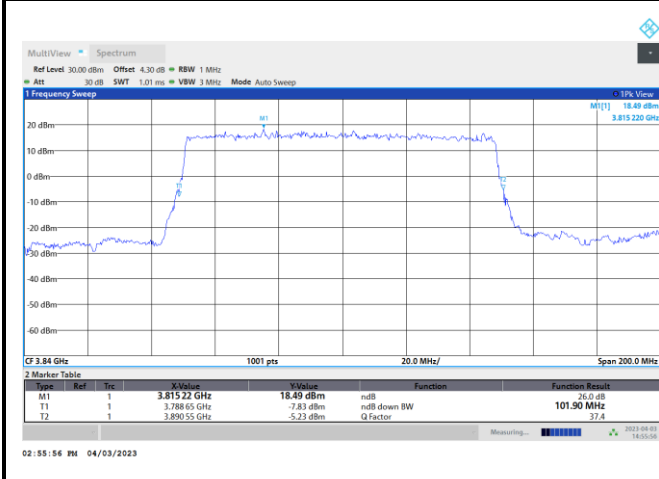
256QAM





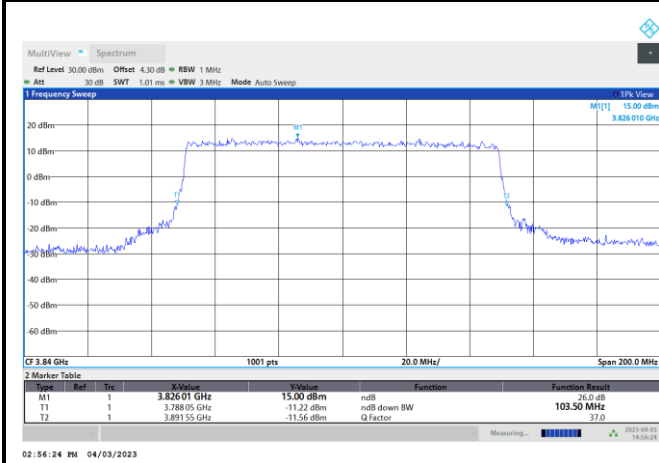
FR1 n77 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

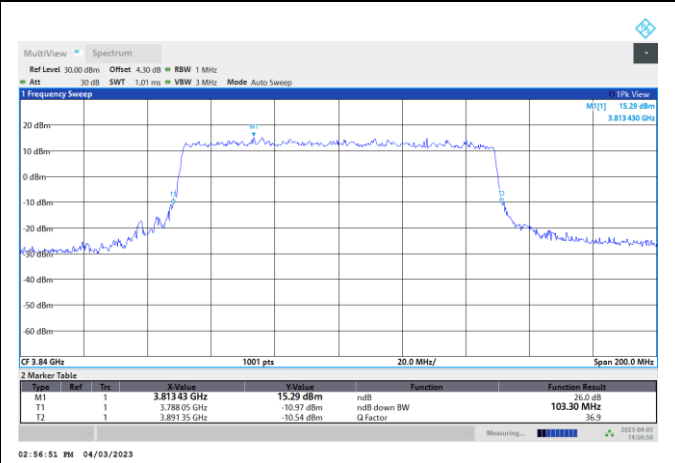


FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB

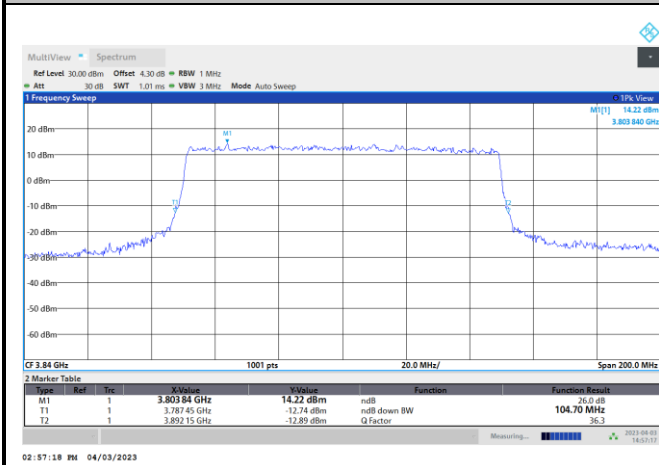
QPSK



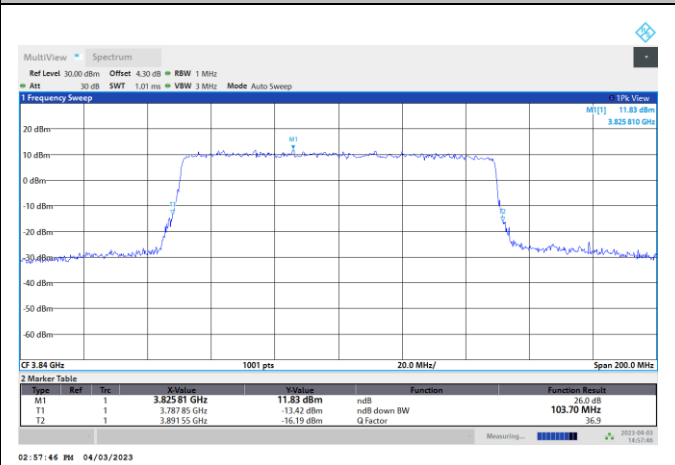
16QAM



64QAM



256QAM





Occupied Bandwidth

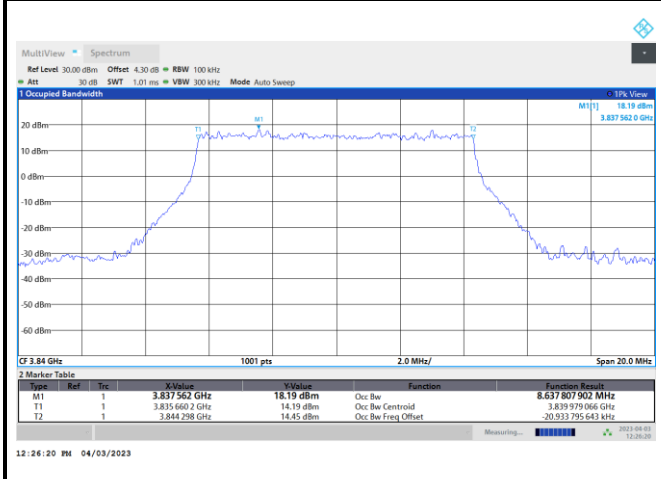
Mode	FR1 n77 : OB BW(MHz) / DFT-S OFDM							
BW	10MHz	15MHz	20MHz	25MHz	30MHz	40MHz	50MHz	60MHz
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK
Middle CH	8.63	13.03	17.96	22.96	26.81	36.03	45.97	58.00
BW	70MHz	80MHz	90MHz	100MHz				
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK				
Middle CH	64.51	77.38	86.74	96.48				

Mode	FR1 n77 : OB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.62	8.62	13.68	13.70	18.31	18.30	23.23	23.27
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.60	8.60	13.81	13.82	18.30	18.29	23.27	23.26
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	27.86	27.89	38.15	38.19	47.71	47.58	57.95	57.92
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	27.86	27.93	38.27	38.45	47.82	47.63	57.97	57.94
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	67.59	67.51	77.46	77.53	87.35	87.38	97.32	97.23
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	67.58	67.49	77.56	77.45	87.39	87.30	97.41	97.32



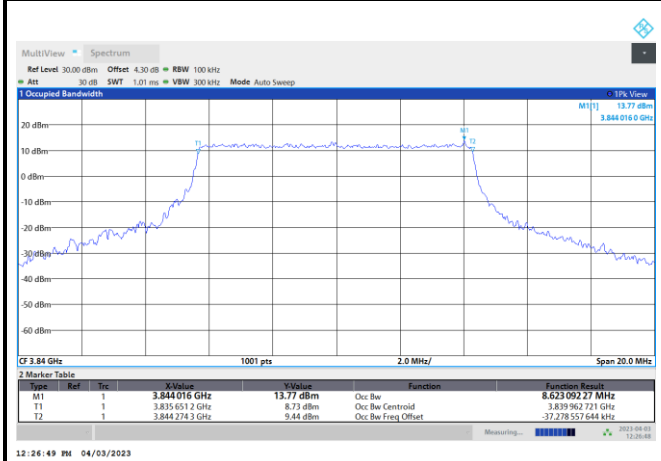
FR1 n77 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

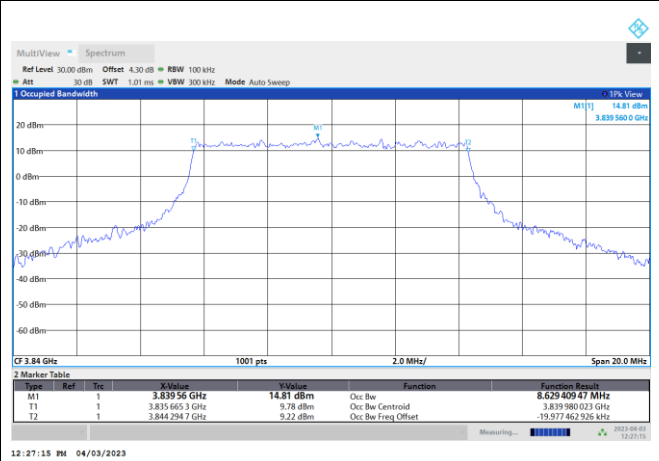


FR1 n77 / 10MHz / CP OFDM / Middle Channel / Full RB

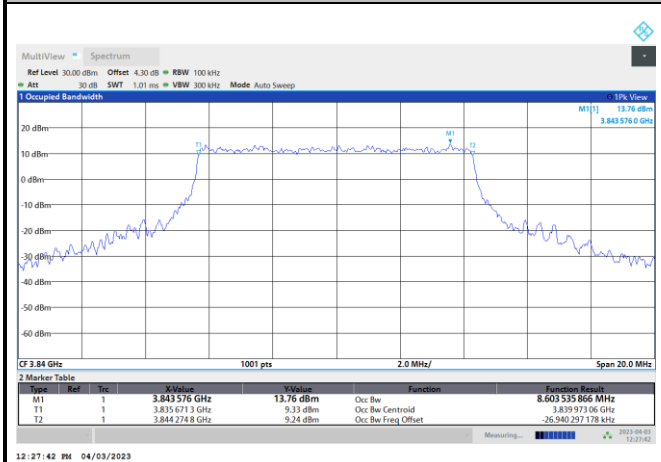
QPSK



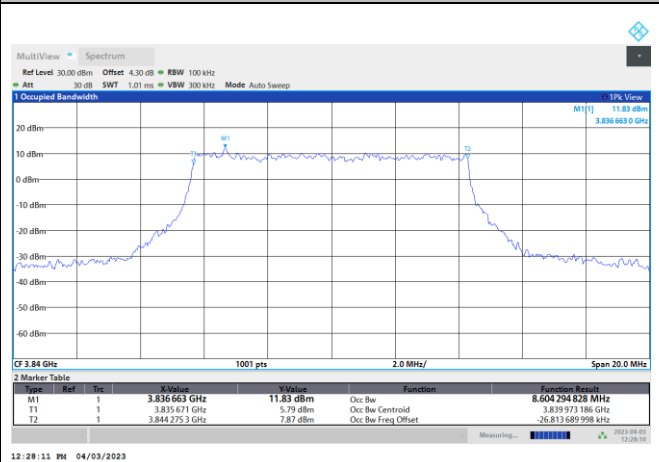
16QAM



64QAM



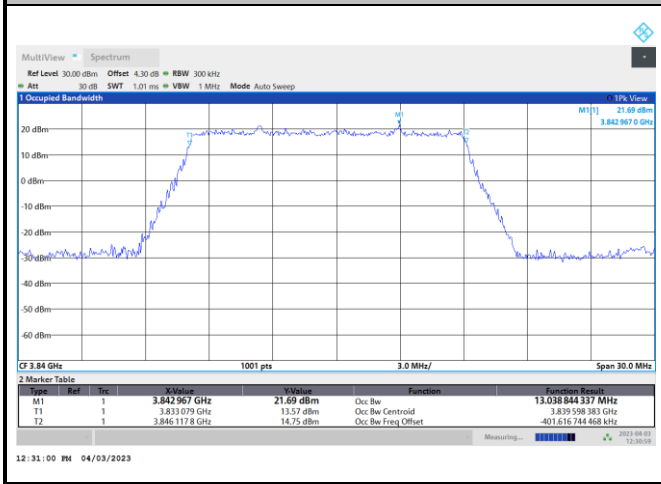
256QAM





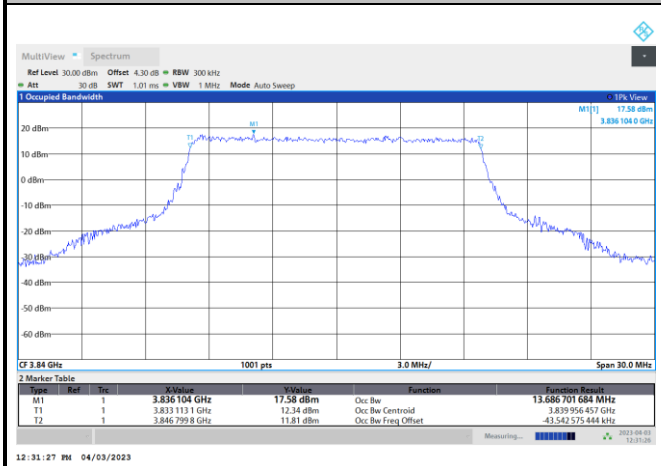
FR1 n77 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

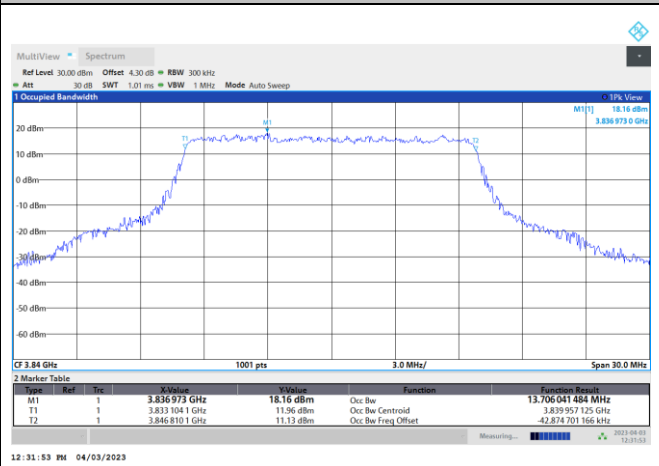


FR1 n77 / 15MHz / CP OFDM / Middle Channel / Full RB

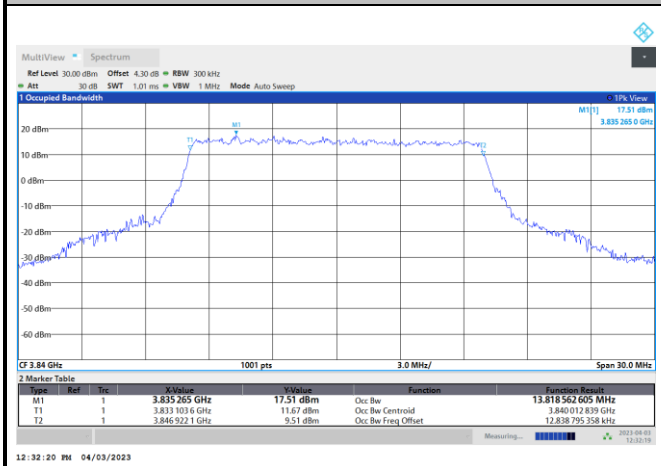
QPSK



16QAM



64QAM



256QAM

