



FCC RADIO TEST REPORT

FCC ID : A4RGKWS6
Equipment : Phone
Model Name : GKWS6
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC 47 CFR Part 2, 27

The product was received on Feb. 06, 2023 and testing was performed from Feb. 06, 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 of 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.)



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History of this test report

Report No.	Version	Description	Issue Date
FG2D0208-01E	01	Initial issue of report	Jun. 19, 2023
FG2D0208-01E	02	Revise Section 1.2 and Appendix A This report is an updated version, replacing the report issued on Jun. 19, 2023.	Jun. 30, 2023
FG2D0208-01E	03	Revise Section 3.2.1 and Appendix A This report is an updated version, replacing the report issued on Jun. 30, 2023.	Jul. 03, 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	36.12 dB under limit at 11883.000 MHz for Primary Antenna 33.92 dB under limit at 11494.000 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: Michelle Chen



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
Model Name	GKWS6
FCC ID	A4RGKWS6
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/NFC/GNSS/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
33251FDJH0003B	Conducted Measurement EIRP
33131FDJH0007T	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: 27.91 dBm 5G NR n78: 26.66 dBm</p> <p><ASDIV Antenna>: 5G NR n77: 26.27 dBm 5G NR n78: 25.59 dBm</p> <p><MIMO Mode>: MIMO <Ant. 6+1>: 5G NR n77: 27.71 dBm 5G NR n78: 25.06 dBm MIMO <Ant. 7+5>: 5G NR n77: 26.48 dBm 5G NR n78: 24.23 dBm MIMO <Ant. 6+5>: 5G NR n77: 27.26 dBm 5G NR n78: 24.61 dBm MIMO <Ant. 7+1>: 5G NR n77: 26.88 dBm 5G NR n78: 24.59 dBm</p> <p><TxD Mode>: MIMO <Ant. 6+1>: 5G NR n77: 28.68 dBm MIMO <Ant. 7+5>: 5G NR n77: 26.39 dBm MIMO <Ant. 6+5>: 5G NR n77: 27.01 dBm MIMO <Ant. 7+1>: 5G NR n77: 28.28 dBm</p>
Antenna Type	<p><Primary Antenna>: <Ant. 6>: PIFA Antenna</p> <p><ASDIV Antenna>: <Ant. 7>: IFA Antenna</p> <p><SRS diversity Antenna>: <Ant. 1>: IFA Antenna <Ant. 5>: Loop 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	-1.1
5G NR	n78	ANT6	-1.1

<ASDIV Antenna>

Radio Tech	Band Number	Antenna name	Gain
5G NR	n77	ANT7	-0.8
5G NR	n78	ANT7	-0.8

<SRS diversity Antenna>

Radio Tech	Band Number	Antenna name	Gain
5G NR	n77	ANT1	-5.9
5G NR	n78	ANT1	-5.9
5G NR	n77	ANT5	-0.1
5G NR	n78	ANT5	-0.1

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 (%)	42~58

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

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

FCC Designation No.: TW1190 and TW3786

1.5 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.

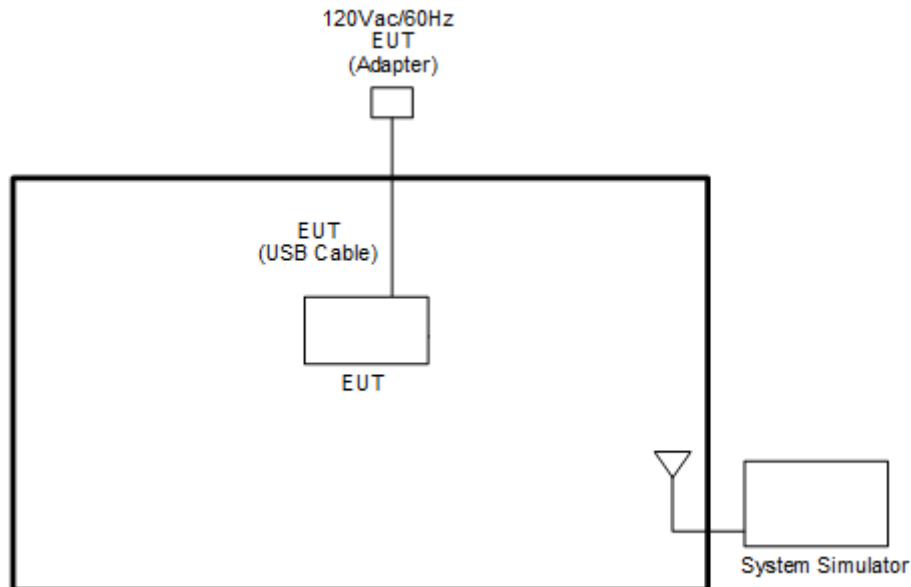
For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter or Earphone), and adjusting the measurement antenna 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	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
	n78	Covered by n77																									
Frequency Stability	n77			v											v	v								v		v	
	n78	Covered by n77																									

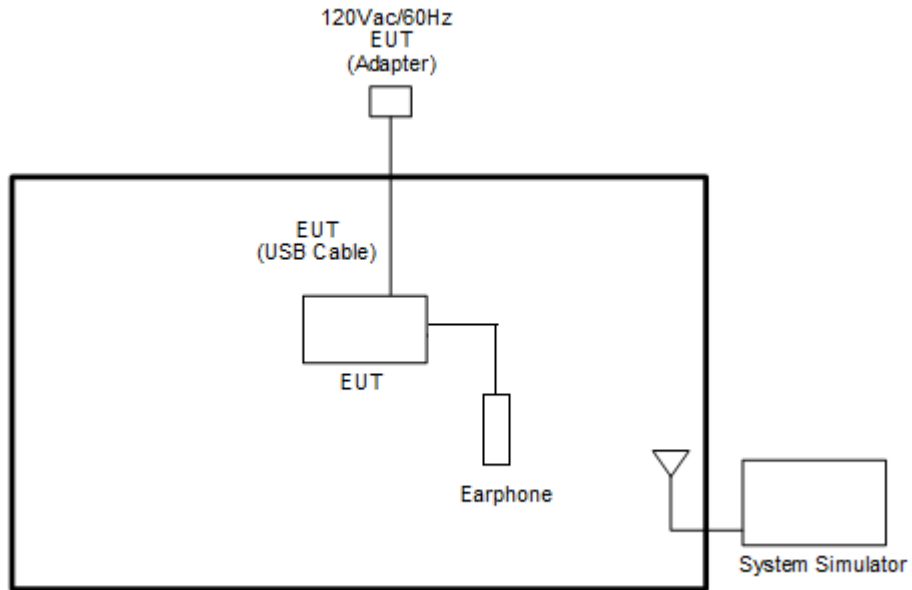
Test Items	NR Band	Bandwidth (MHz)												Modulation					RB #			Test Channel		
		10	15	20	25	30	40	50	60	70	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
E.I.R.P	n77	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	Max. Power						
	n78	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	Max. Power						
Radiated Spurious Emission	n77	Worst Case															v	v	v					
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 7A-n77A. All the radiated test cases were performed with Adapter 1 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

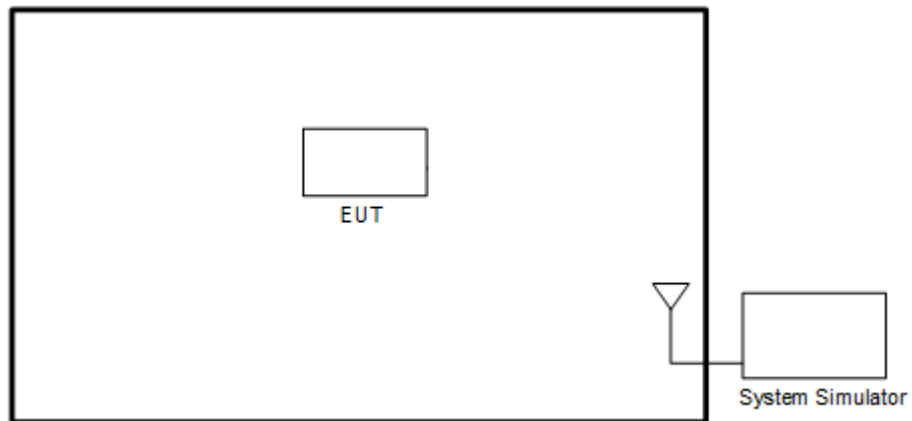
<EUT with Adapter>



<EUT with Earphone>



<EUT without Accessory>





2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	5G Wireless Test Platform	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	Earphone	Google	G019A	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

Example :

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



2.5 Frequency List of Low/Middle/High Channels

5G NR 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
25	Channel	647500	656000	664500
	Frequency	3712.5	3840	3967.5
20	Channel	647334	656000	664666
	Frequency	3710.01	3840	3969.99
15	Channel	647168	656000	664832
	Frequency	3707.52	3840	3972.48
10	Channel	647000	656000	665000
	Frequency	3705	3840	3975



5G NR n78 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

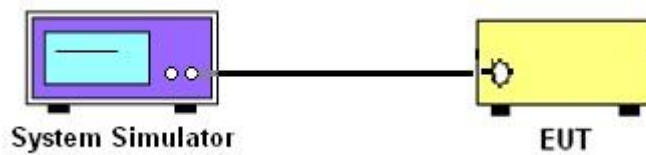
3 Conducted Test Items

3.1 Measuring Instruments

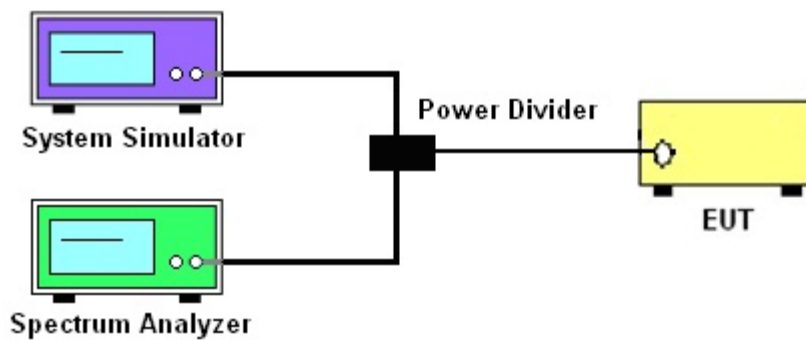
See list of measuring instruments of this test report.

3.1.1 Test Setup

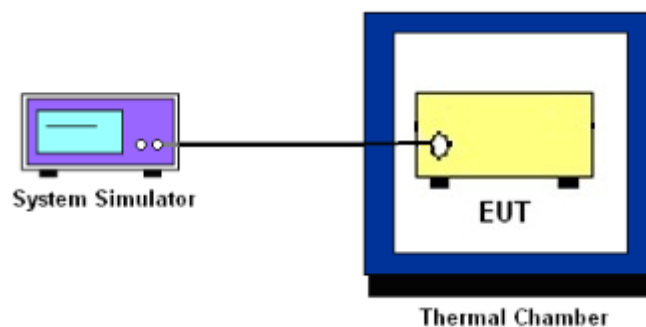
3.1.2 Conducted Output Power



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, 5G NR 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	-1.10	-5.90	-0.80	-0.10	-0.16	-2.86
Ant. 7 + 5	-1.10	-5.90	-0.80	-0.10	2.57	-0.43
Ant. 6 + 5	-1.10	-5.90	-0.80	-0.10	2.43	-0.57
Ant. 7 + 1	-1.10	-5.90	-0.80	-0.10	0.03	-2.64

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

$$10 \times \log \left\{ \left[10^{(-1.1 \text{ dBi} / 20)} + 10^{(-5.9 \text{ dBi} / 20)} \right]^2 / 2 \right\}$$

= -0.16 dBi

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

$$10 \times \log \left\{ \left[10^{(-1.1 \text{ dBi} / 10)} + 10^{(-5.9 \text{ dBi} / 10)} \right] / 2 \right\}$$

= -2.86 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 (I)(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 (I)(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.

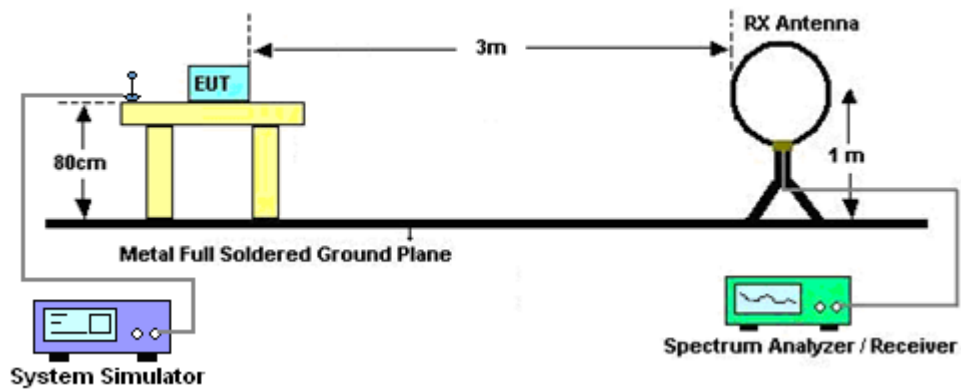
4 Radiated Test Items

4.1 Measuring Instruments

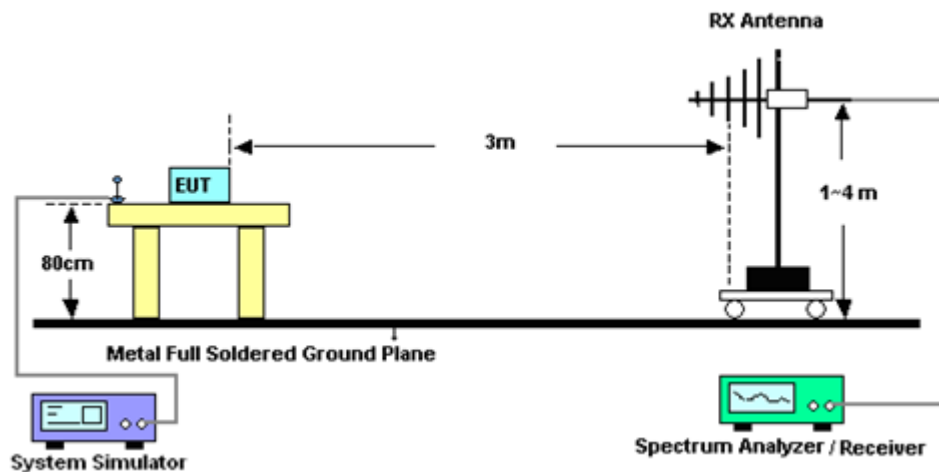
See list of measuring instruments of this test report.

4.1.1 Test Setup

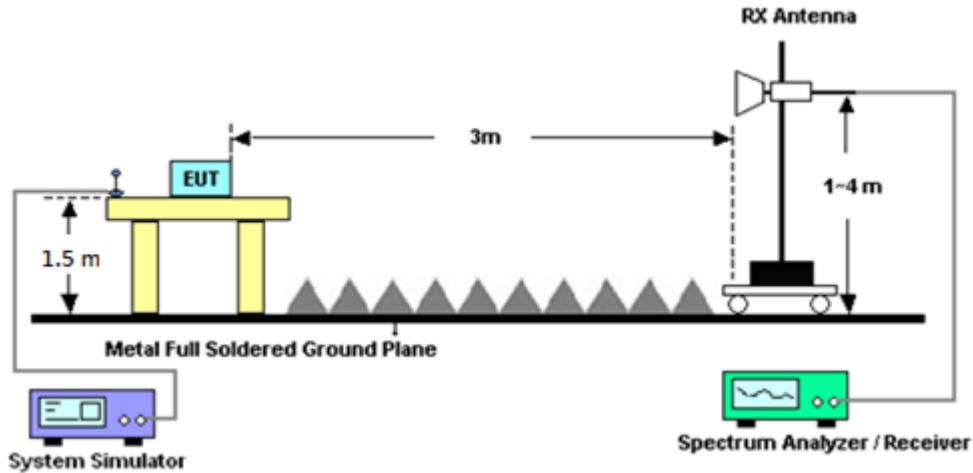
For radiated emissions below 30MHz



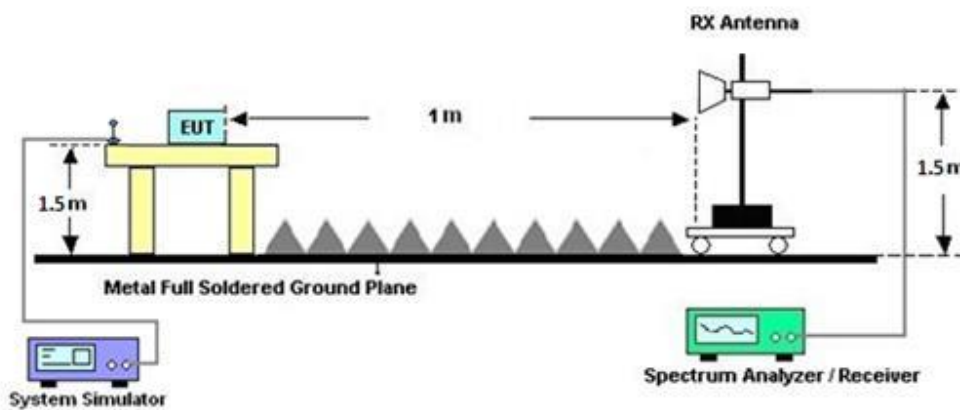
For radiated test from 30MHz to 1GHz



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	Mar. 30, 2023~ May 18, 2023	Sep. 19, 2023	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Oct. 04, 2022	May 05, 2023~ May 18, 2023	Oct. 03, 2023	Radiation (03CH21-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 08, 2021	May 05, 2023~ May 18, 2023	Oct. 07, 2022	Radiation (03CH21-HY)
Horn Antenna	RFSPIN	DRH18-E	LE2C03A18 EN	1GHz~18GHz	Jul. 06, 2022	May 05, 2023~ May 18, 2023	Jul. 05, 2023	Radiation (03CH21-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz~18GHz	Aug. 24, 2022	May 05, 2023~ May 18, 2023	Aug. 23, 2023	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 05, 2022	Mar. 30, 2023 ~ May 18, 2023	Jul. 04, 2022	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	00993	18GHz~40GHz	Nov. 24, 2022	Mar. 30, 2023 ~ May 18, 2023	Nov. 23, 2023	Radiation (03CH21-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18 G-56-01-A70	EC1900249	1GHz-18GHz	Dec. 21, 2022	Mar. 30, 2023~ May 18, 2023	Dec. 20, 2023	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Sep. 29, 2022	Mar. 30, 2023~ May 18, 2023	Sep. 28, 2023	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Sep. 11, 2022	Mar. 30, 2023~ May 18, 2023	Sep. 10, 2023	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Mar. 30, 2023~ May 18, 2023	Mar. 06, 2024	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,804612/2,804614/2	30MHz~40GHz	Oct. 25, 2022	Mar. 30, 2023~ May 18, 2023	Oct. 24, 2023	Radiation (03CH21-HY)
Filter	Wainwright	WHKX12-1080-1200-15000-6 OST	SN14	1.2GHz High Pass Filter	May 24, 2022	Mar. 30, 2023~ May 18, 2023	May 23, 2023	Radiation (03CH21-HY)
Filter	Wainwright	WHKX12-2805-3000-18000-4 OST	SN19	3GHz High Pass Filter	Aug. 05, 2022	Mar. 30, 2023~ May 18, 2023	Aug. 04, 2023	Radiation (03CH21-HY)
Filter	Wainwright	WHKX8-6090-7000-18000-40 SS	SN98	7GHz High Pass Filter	Nov. 03, 2022	Mar. 30, 2023~ May 18, 2023	Nov. 02, 2023	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Nov. 17, 2022	Mar. 30, 2023~ May 18, 2023	Nov. 16, 2023	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Mar. 30, 2023~ May 18, 2023	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Mar. 30, 2023~ May 18, 2023	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Mar. 30, 2023~ May 18, 2023	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Mar. 30, 2023~ May 18, 2023	N/A	Radiation (03CH21-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890001	50Hz~60Hz	Sep. 29, 2022	Feb. 06, 2023~ Jun. 08, 2023	Sep. 28, 2023	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101049	10Hz~44GHz	Oct. 07, 2022	Feb. 06, 2023~ Jun. 08, 2023	Oct. 06, 2023	Conducted (TH03-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 07, 2022	Feb. 06, 2023~ Jun. 08, 2023	Sep. 06, 2023	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	NA	Mar. 21, 2022	Feb. 06, 2023~ Mar. 19, 2023	Mar. 20, 2023	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	NA	Mar. 28, 2023	Mar. 28, 2023~ Jun. 08, 2023	Mar. 27, 2024	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8821C	6262116730	LTE	Jun. 15, 2022	Feb. 06, 2023~ Jun. 08, 2023	Jun. 14, 2023	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6262134933	FR1	Jun. 13, 2022	Feb. 06, 2023~ Jun. 08, 2023	Jun. 12, 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% ($U = 2Uc(y)$)	3.06 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.31 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.30 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and EIRP

<SISO Mode>

<Primary Antenna>

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	26.93	26.71	26.84	25.88	0.3873
10	1	22		26.76	26.64	26.57		
10	12	6		26.81	26.62	26.68		
10	1	0		23.41	23.13	23.23		
10	1	23		23.16	23.06	23.06		
10	24	0		26.28	26.10	26.15		
10	1	1	QPSK	26.98	26.71	26.87		
10	1	22		26.75	26.63	26.62		
10	12	6		26.82	26.63	26.72		
10	1	0		23.42	23.11	23.26		
10	1	23		23.20	23.08	23.06		
10	24	0		25.28	25.10	25.16		
10	1	1	16-QAM	26.05	25.82	25.77	24.95	0.3126
10	1	1	64-QAM	24.42	24.21	24.39		
10	1	1	256-QAM	22.45	22.18	22.31		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.92	26.64	26.75	25.88	0.3873
15	1	36		26.69	26.59	26.45		
15	18	9		26.77	26.69	26.71		
15	1	0		23.37	23.12	23.05		
15	1	37		22.97	23.05	22.92		
15	36	0		26.23	26.16	26.16		
15	1	1	QPSK	26.98	26.65	26.79		
15	1	36		26.69	26.60	26.51		
15	18	9		26.77	26.69	26.71		
15	1	0		23.40	23.10	23.08		
15	1	37		23.02	23.01	22.92		
15	36	0		25.25	25.14	25.15		
15	1	1	16-QAM	26.09	25.50	25.72	24.99	0.3155
15	1	1	64-QAM	24.51	23.97	24.12		
15	1	1	256-QAM	22.32	22.05	22.22		
Limit	EIRP < 1W			Result			Pass	



NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	27.00	26.78	26.75	25.91	0.3899		
20	1	49		26.58	26.68	26.57				
20	25	12		26.81	26.76	26.83				
20	1	0		23.45	23.18	23.15				
20	1	50		23.06	23.21	22.98				
20	50	0		26.29	26.24	26.28				
20	1	1	QPSK	27.01	26.75	26.74			24.94	0.3119
20	1	49		26.61	26.68	26.56				
20	25	12		26.82	26.74	26.84				
20	1	0		23.44	23.21	23.16				
20	1	50		23.03	23.19	22.98				
20	50	0		25.28	25.22	25.28				
20	1	1	16-QAM	26.04	25.86	25.86	24.94	0.3119		
20	1	1	64-QAM	24.48	24.33	24.22				
20	1	1	256-QAM	22.45	22.11	22.18				
Limit	EIRP < 1W			Result			Pass			

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	27.02	26.52	26.59	25.95	0.3936		
25	1	63		26.61	26.74	26.62				
25	32	16		26.83	26.77	26.92				
25	1	0		23.48	23.07	22.98				
25	1	64		23.06	23.19	23.02				
25	64	0		26.30	26.26	26.39				
25	1	1	QPSK	27.05	26.65	26.60			25.10	0.3236
25	1	63		26.61	26.78	26.62				
25	32	16		26.82	26.81	26.92				
25	1	0		23.47	23.05	22.97				
25	1	64		23.11	23.17	23.07				
25	64	0		25.28	25.24	25.38				
25	1	1	16-QAM	26.20	25.77	25.71	25.10	0.3236		
25	1	1	64-QAM	24.47	24.00	24.15				
25	1	1	256-QAM	22.45	22.00	22.02				
Limit	EIRP < 1W			Result			Pass			



NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	27.10	26.59	26.50	26.00	0.3981		
30	1	76		26.58	26.67	26.57				
30	36	18		26.82	26.78	26.78				
30	1	0		23.55	23.02	22.94				
30	1	77		23.03	23.15	22.99				
30	75	0		26.19	26.27	26.26				
30	1	1	QPSK	27.04	26.65	26.52			24.92	0.3105
30	1	76		26.52	26.67	26.61				
30	36	18		26.82	26.78	26.80				
30	1	0		23.50	23.06	22.92				
30	1	77		23.00	23.14	23.02				
30	75	0		25.16	25.28	25.25				
30	1	1	16-QAM	26.02	25.82	25.46	24.92	0.3105		
30	1	1	64-QAM	24.51	24.01	23.92				
30	1	1	256-QAM	22.41	22.02	21.92				
Limit	EIRP < 1W			Result			Pass			

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	27.00	26.54	26.37	25.92	0.3908		
40	1	104		26.49	26.72	26.52				
40	50	25		26.69	26.78	26.76				
40	1	0		23.44	22.97	22.82				
40	1	105		22.95	23.10	22.96				
40	100	0		26.16	26.27	26.25				
40	1	1	QPSK	27.02	26.52	26.38			24.92	0.3105
40	1	104		26.53	26.67	26.57				
40	50	25		26.69	26.81	26.77				
40	1	0		23.48	22.96	22.79				
40	1	105		22.95	23.06	22.97				
40	100	0		25.13	25.25	25.24				
40	1	1	16-QAM	26.02	25.46	25.47	24.92	0.3105		
40	1	1	64-QAM	24.37	24.05	23.85				
40	1	1	256-QAM	22.42	21.97	21.84				
Limit	EIRP < 1W			Result			Pass			



NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	27.06	26.48	26.52	25.98	0.3963		
50	1	131		26.45	26.53	26.47				
50	64	32		26.74	26.78	26.52				
50	1	0		23.53	22.97	22.94				
50	1	132		22.95	22.99	22.94				
50	128	0		26.22	26.23	26.02				
50	1	1	QPSK	27.08	26.57	26.50			24.88	0.3076
50	1	131		26.50	26.57	26.51				
50	64	32		26.74	26.76	26.54				
50	1	0		23.51	22.91	22.96				
50	1	132		22.97	23.02	22.95				
50	128	0		25.21	25.23	25.00				
50	1	1	16-QAM	25.98	25.63	25.45	24.88	0.3076		
50	1	1	64-QAM	24.52	24.05	24.04				
50	1	1	256-QAM	22.44	21.97	22.03				
Limit	EIRP < 1W			Result			Pass			

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	26.90	26.61	26.62	25.81	0.3811		
60	1	160		26.41	26.33	26.38				
60	81	40		26.61	26.71	26.40				
60	1	0		23.42	23.12	23.03				
60	1	161		22.79	22.82	22.81				
60	162	0		26.12	26.12	25.88				
60	1	1	QPSK	26.91	26.62	26.57			24.80	0.302
60	1	160		26.42	26.33	26.41				
60	81	40		26.60	26.71	26.40				
60	1	0		23.40	23.08	23.07				
60	1	161		22.77	22.78	22.84				
60	162	0		25.06	25.07	26.87				
60	1	1	16-QAM	25.90	25.56	25.53	24.80	0.302		
60	1	1	64-QAM	24.41	24.14	24.34				
60	1	1	256-QAM	22.41	22.06	21.94				
Limit	EIRP < 1W			Result			Pass			



NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	26.92	26.56	26.75	25.88	0.3873		
70	1	187		26.25	26.22	26.35				
70	90	45		26.73	26.76	26.45				
70	1	0		23.43	23.14	23.29				
70	1	188		22.79	22.78	22.87				
70	180	0		26.20	26.21	25.90				
70	1	1	QPSK	26.98	26.65	26.82			24.93	0.3112
70	1	187		26.25	26.26	26.41				
70	90	45		26.74	26.76	26.46				
70	1	0		23.46	23.15	23.26				
70	1	188		22.75	22.76	22.91				
70	180	0		25.19	25.22	24.92				
70	1	1	16-QAM	26.03	25.53	25.77	24.93	0.3112		
70	1	1	64-QAM	24.53	24.17	24.31				
70	1	1	256-QAM	22.41	22.12	22.12				
Limit	EIRP < 1W			Result			Pass			

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	26.98	26.70	26.62	25.96	0.3945		
80	1	215		26.20	26.03	26.31				
80	108	54		26.78	26.74	26.38				
80	1	0		23.53	23.21	23.17				
80	1	216		22.75	22.60	22.82				
80	216	0		26.23	26.18	25.83				
80	1	1	QPSK	27.06	26.82	26.69			25.15	0.3273
80	1	215		26.21	26.08	26.31				
80	108	54		26.78	26.75	26.39				
80	1	0		23.51	23.21	23.13				
80	1	216		22.71	22.56	22.82				
80	216	0		25.23	25.18	24.83				
80	1	1	16-QAM	26.25	25.81	25.41	25.15	0.3273		
80	1	1	64-QAM	24.53	24.18	24.02				
80	1	1	256-QAM	22.47	22.16	22.21				
Limit	EIRP < 1W			Result			Pass			



NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	27.11	26.91	26.61	26.18	0.415		
90	1	243		26.58	26.17	26.27				
90	120	60		26.82	26.77	26.51				
90	1	0		23.53	23.26	23.05				
90	1	244		22.92	22.57	22.77				
90	243	0		26.25	26.16	25.92				
90	1	1	QPSK	27.28	27.11	26.66			25.12	0.3251
90	1	243		26.79	26.31	26.41				
90	120	60		26.83	26.78	26.52				
90	1	0		23.51	23.22	23.04				
90	1	244		22.94	22.56	22.74				
90	243	0		25.27	25.19	24.92				
90	1	1	16-QAM	26.22	25.90	25.53	25.12	0.3251		
90	1	1	64-QAM	24.40	24.32	24.04				
90	1	1	256-QAM	22.49	22.26	21.98				
Limit	EIRP < 1W			Result			Pass			

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	27.53	27.31	26.91	26.81	0.4797		
100	1	271		26.92	26.37	26.56				
100	135	67		26.79	26.79	26.67				
100	1	0		23.50	23.21	22.98				
100	1	272		22.86	22.52	22.73				
100	270	0		26.20	26.18	26.07				
100	1	1	QPSK	27.91	27.72	27.12			25.50	0.3548
100	1	271		27.34	26.67	26.79				
100	135	67		26.79	26.76	26.69				
100	1	0		23.47	23.21	23.03				
100	1	272		22.91	22.52	22.76				
100	270	0		25.21	25.18	25.07				
100	1	1	16-QAM	26.60	26.18	25.77	25.50	0.3548		
100	1	1	64-QAM	24.46	24.31	24.05				
100	1	1	256-QAM	22.45	22.30	22.02				
Limit	EIRP < 1W			Result			Pass			



NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	26.01	26.18	25.98	25.14	0.3266		
10	1	22		25.94	26.14	26.07				
10	12	6		26.04	26.24	26.05				
10	1	0		22.46	22.62	22.44				
10	1	23		22.41	22.62	22.51				
10	24	0		25.45	25.67	25.57				
10	1	1	QPSK	26.03	26.16	25.99			24.04	0.2535
10	1	22		26.02	26.14	26.03				
10	12	6		26.05	26.22	26.05				
10	1	0		22.49	22.67	22.42				
10	1	23		22.46	22.62	22.51				
10	24	0		25.01	25.15	25.02				
10	1	1	16-QAM	25.08	25.14	25.02	24.04	0.2535		
10	1	1	64-QAM	23.54	23.68	23.45				
10	1	1	256-QAM	21.42	21.65	21.39				
Limit	EIRP < 1W			Result			Pass			

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	26.12	26.12	22.64	25.07	0.3214		
15	1	36		26.02	26.14	26.17				
15	18	9		26.02	26.12	26.05				
15	1	0		22.54	22.65	22.64				
15	1	37		22.41	22.57	22.57				
15	36	0		25.04	25.62	25.52				
15	1	1	QPSK	26.12	26.16	26.08			23.93	0.2472
15	1	36		26.04	26.15	26.13				
15	18	9		26.07	26.16	26.07				
15	1	0		22.56	22.64	22.62				
15	1	37		22.51	22.62	22.59				
15	36	0		25.06	25.11	25.05				
15	1	1	16-QAM	24.85	25.01	25.03	23.93	0.2472		
15	1	1	64-QAM	23.65	23.54	23.62				
15	1	1	256-QAM	21.54	21.57	21.54				
Limit	EIRP < 1W			Result			Pass			



NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	26.16	26.19	26.06	25.09	0.3228		
20	1	49		26.02	26.18	26.05				
20	25	12		26.04	26.13	26.01				
20	1	0		22.59	22.65	22.54				
20	1	50		22.45	22.56	22.51				
20	50	0		25.58	25.62	22.48				
20	1	1	QPSK	26.15	26.15	26.14			24.00	0.2512
20	1	49		26.02	26.10	26.12				
20	25	12		26.09	26.16	26.04				
20	1	0		22.56	22.62	22.55				
20	1	50		22.40	22.54	22.57				
20	50	0		25.07	25.13	25.01				
20	1	1	16-QAM	24.96	25.10	25.04	24.00	0.2512		
20	1	1	64-QAM	23.18	23.48	23.65				
20	1	1	256-QAM	21.67	21.42	21.46				
Limit	EIRP < 1W			Result			Pass			

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	26.24	26.20	25.98	25.20	0.3311		
25	1	63		25.92	26.07	26.01				
25	32	16		26.16	26.16	25.97				
25	1	0		22.62	22.70	22.44				
25	1	64		22.34	22.53	22.47				
25	64	0		25.62	25.66	25.45				
25	1	1	QPSK	26.26	26.30	26.03			24.36	0.2729
25	1	63		25.93	26.12	26.10				
25	32	16		26.17	26.17	26.02				
25	1	0		22.71	22.73	22.49				
25	1	64		22.36	22.55	22.56				
25	64	0		25.12	25.16	24.96				
25	1	1	16-QAM	25.28	25.46	24.93	24.36	0.2729		
25	1	1	64-QAM	23.79	23.66	23.63				
25	1	1	256-QAM	21.70	21.65	21.38				
Limit	EIRP < 1W			Result			Pass			



NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	26.12	26.24	26.09	25.16	0.3281		
30	1	76		25.81	26.07	26.08				
30	36	18		26.03	26.16	26.20				
30	1	0		22.55	22.71	22.51				
30	1	77		22.23	22.48	22.54				
30	75	0		25.48	25.66	25.65				
30	1	1	QPSK	26.16	26.26	26.13			24.20	0.263
30	1	76		25.84	26.07	26.13				
30	36	18		26.06	26.17	26.22				
30	1	0		22.58	22.69	22.60				
30	1	77		22.28	22.49	22.59				
30	75	0		25.01	25.15	25.17				
30	1	1	16-QAM	25.16	25.30	25.19	24.20	0.263		
30	1	1	64-QAM	23.50	23.87	23.63				
30	1	1	256-QAM	21.43	21.50	21.43				
Limit	EIRP < 1W			Result			Pass			

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	26.19	26.14	26.20	25.16	0.3281		
40	1	104		26.06	25.90	25.98				
40	50	25		26.13	26.20	26.07				
40	1	0		22.60	22.55	22.67				
40	1	105		22.50	22.31	22.44				
40	100	0		25.59	25.66	25.60				
40	1	1	QPSK	26.25	26.04	26.26			24.10	0.257
40	1	104		26.11	25.81	26.04				
40	50	25		26.13	26.19	26.08				
40	1	0		22.75	22.55	22.71				
40	1	105		22.60	22.31	22.47				
40	100	0		25.11	25.15	25.08				
40	1	1	16-QAM	25.14	25.02	25.20	24.10	0.257		
40	1	1	64-QAM	23.63	23.51	23.62				
40	1	1	256-QAM	21.70	21.58	21.62				
Limit	EIRP < 1W			Result			Pass			



NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	26.15	26.09	26.34	25.24	0.3342		
50	1	131		25.83	25.82	25.95				
50	64	32		25.86	26.18	26.07				
50	1	0		22.59	22.47	22.81				
50	1	132		22.33	22.25	22.40				
50	128	0		25.32	25.63	25.54				
50	1	1	QPSK	26.16	26.11	26.27			24.18	0.2618
50	1	131		25.92	25.86	25.94				
50	64	32		25.87	26.18	26.09				
50	1	0		22.68	22.55	22.78				
50	1	132		22.38	22.31	22.42				
50	128	0		24.86	25.14	25.03				
50	1	1	16-QAM	25.06	24.94	25.28	24.18	0.2618		
50	1	1	64-QAM	23.68	23.38	23.80				
50	1	1	256-QAM	21.48	21.44	21.71				
Limit	EIRP < 1W			Result			Pass			

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	26.17	26.17	26.21	25.15	0.3273		
60	1	160		25.85	25.80	25.90				
60	81	40		25.95	26.13	25.96				
60	1	0		22.72	22.70	22.73				
60	1	161		22.36	22.29	22.39				
60	162	0		25.45	25.66	25.44				
60	1	1	QPSK	26.25	26.18	26.21			24.18	0.2618
60	1	160		25.87	25.83	25.89				
60	81	40		25.96	26.17	25.98				
60	1	0		22.74	22.69	22.70				
60	1	161		22.38	22.30	22.36				
60	162	0		24.94	25.18	24.93				
60	1	1	16-QAM	25.28	25.24	25.24	24.18	0.2618		
60	1	1	64-QAM	23.75	23.57	23.66				
60	1	1	256-QAM	21.72	21.67	21.65				
Limit	EIRP < 1W			Result			Pass			



NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	26.17	26.16	26.04	25.08	0.3221		
70	1	187		25.63	25.77	25.80				
70	90	45		26.12	26.15	26.06				
70	1	0		22.68	22.72	22.56				
70	1	188		22.13	22.27	22.34				
70	180	0		25.58	25.60	25.53				
70	1	1	QPSK	26.15	26.18	26.02			24.17	0.2612
70	1	187		25.60	25.81	25.80				
70	90	45		26.14	26.17	26.08				
70	1	0		22.64	22.74	22.56				
70	1	188		22.16	22.35	22.32				
70	180	0		25.11	25.11	25.05				
70	1	1	16-QAM	25.15	25.27	25.13	24.17	0.2612		
70	1	1	64-QAM	23.47	23.75	23.50				
70	1	1	256-QAM	21.75	21.58	21.61				
Limit	EIRP < 1W			Result			Pass			

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	26.18	26.19	26.12	25.17	0.3289		
80	1	215		25.66	25.66	25.74				
80	108	54		26.19	26.13	26.14				
80	1	0		22.76	22.76	22.70				
80	1	216		22.23	22.18	22.31				
80	216	0		25.64	25.59	25.57				
80	1	1	QPSK	26.22	26.27	26.19			24.17	0.2612
80	1	215		25.67	25.63	25.71				
80	108	54		26.20	26.16	26.15				
80	1	0		22.75	22.79	22.73				
80	1	216		22.19	22.25	22.29				
80	216	0		25.16	25.13	25.09				
80	1	1	16-QAM	25.27	25.23	25.20	24.17	0.2612		
80	1	1	64-QAM	23.77	23.63	23.75				
80	1	1	256-QAM	21.56	21.73	21.56				
Limit	EIRP < 1W			Result			Pass			



NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.22	26.32	26.26	25.27	0.3365
90	1	243		25.60	25.65	25.68		
90	120	60		26.04	26.14	26.27		
90	1	0		22.78	22.81	22.85		
90	1	244		22.15	22.21	22.27		
90	243	0		25.51	25.59	25.69		
90	1	1	QPSK	26.32	26.36	26.37		
90	1	243		25.68	25.70	25.85		
90	120	60		26.07	26.17	26.32		
90	1	0		22.75	22.83	22.83		
90	1	244		22.13	22.19	22.29		
90	243	0		25.03	25.10	25.22		
90	1	1	16-QAM	25.01	25.25	25.42	24.32	0.2704
90	1	1	64-QAM	23.74	23.74	23.78		
90	1	1	256-QAM	21.61	21.84	21.85		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	26.40	-	25.56	0.3597
100	1	271		-	25.86	-		
100	135	67		-	26.21	-		
100	1	0		-	22.88	-		
100	1	272		-	22.27	-		
100	270	0		-	25.62	-		
100	1	1	QPSK	-	26.66	-		
100	1	271		-	26.12	-		
100	135	67		-	26.26	-		
100	1	0		-	22.86	-		
100	1	272		-	22.31	-		
100	270	0		-	25.15	-		
100	1	1	16-QAM	-	25.59	-	24.49	0.2812
100	1	1	64-QAM	-	23.79	-		
100	1	1	256-QAM	-	22.02	-		
Limit	EIRP < 1W			Result			Pass	



<ASDIV Antenna>

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	25.57	25.28	25.01	24.80	0.3020
10	1	22		25.43	25.34	24.91		
10	12	6		25.55	25.36	25.01		
10	1	0		22.00	21.78	21.43		
10	1	23		21.94	21.80	21.32		
10	24	0		25.03	24.79	24.47		
10	1	1	QPSK	25.60	25.38	25.06		
10	1	22		25.52	25.39	24.95		
10	12	6		25.60	25.35	25.03		
10	1	0		22.10	21.78	21.53		
10	1	23		21.92	21.83	21.38		
10	24	0		24.03	23.81	23.50		
10	1	1	16-QAM	24.65	24.43	23.96	23.85	0.2427
10	1	1	64-QAM	23.27	22.69	22.74		
10	1	1	256-QAM	21.02	20.67	20.46		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	25.60	25.35	25.11	24.85	0.3055
15	1	36		25.43	25.37	24.97		
15	18	9		25.59	25.35	25.11		
15	1	0		22.01	21.81	21.66		
15	1	37		21.86	21.82	21.38		
15	36	0		25.03	24.80	24.55		
15	1	1	QPSK	25.65	25.36	25.16		
15	1	36		25.46	25.38	24.98		
15	18	9		25.57	25.37	25.13		
15	1	0		22.12	21.78	21.73		
15	1	37		21.91	21.81	21.42		
15	36	0		24.04	23.82	23.56		
15	1	1	16-QAM	24.61	24.51	24.06	23.81	0.2404
15	1	1	64-QAM	23.15	22.85	22.65		
15	1	1	256-QAM	21.05	20.79	20.58		
Limit	EIRP < 1W			Result			Pass	



NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	25.64	25.30	25.23	24.89	0.3083		
20	1	49		25.41	25.39	24.90				
20	25	12		25.60	25.32	25.04				
20	1	0		22.10	21.69	21.65				
20	1	50		21.87	21.79	21.29				
20	50	0		25.04	24.81	24.57				
20	1	1	QPSK	25.69	25.30	25.27			23.85	0.2427
20	1	49		25.44	25.38	24.94				
20	25	12		25.60	25.36	25.07				
20	1	0		22.15	21.77	21.71				
20	1	50		21.92	21.85	21.37				
20	50	0		24.06	23.82	23.54				
20	1	1	16-QAM	24.65	24.32	24.13	23.85	0.2427		
20	1	1	64-QAM	23.27	22.84	22.77				
20	1	1	256-QAM	21.15	20.84	20.64				
Limit	EIRP < 1W			Result			Pass			

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	25.74	25.33	24.93	24.94	0.3119		
25	1	63		25.26	25.37	24.84				
25	32	16		25.58	25.32	25.05				
25	1	0		22.19	21.76	21.37				
25	1	64		21.71	21.78	21.27				
25	64	0		25.01	24.78	24.50				
25	1	1	QPSK	25.74	25.39	24.98			23.81	0.2404
25	1	63		25.29	25.41	24.86				
25	32	16		25.58	25.34	25.05				
25	1	0		22.18	21.83	21.43				
25	1	64		21.76	21.85	21.29				
25	64	0		24.05	23.80	23.50				
25	1	1	16-QAM	24.61	24.40	23.89	23.81	0.2404		
25	1	1	64-QAM	23.23	22.90	22.51				
25	1	1	256-QAM	21.12	20.81	20.35				
Limit	EIRP < 1W			Result			Pass			



NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	25.57	25.33	24.99	24.84	0.3048		
30	1	76		25.11	25.29	24.91				
30	36	18		25.45	25.32	25.27				
30	1	0		22.00	21.75	21.37				
30	1	77		21.56	21.74	21.31				
30	75	0		24.90	24.83	24.71				
30	1	1	QPSK	25.64	25.41	25.06			23.74	0.2366
30	1	76		25.17	25.38	24.94				
30	36	18		25.45	25.35	25.31				
30	1	0		22.09	21.85	21.44				
30	1	77		21.62	21.81	21.34				
30	75	0		23.91	23.80	23.71				
30	1	1	16-QAM	24.54	24.47	24.12	23.74	0.2366		
30	1	1	64-QAM	23.05	22.88	22.65				
30	1	1	256-QAM	20.95	20.77	20.34				
Limit	EIRP < 1W			Result			Pass			

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	25.69	25.52	25.13	24.89	0.3083		
40	1	104		25.33	25.40	24.81				
40	50	25		25.45	25.34	25.22				
40	1	0		22.11	21.98	21.59				
40	1	105		21.73	21.81	21.26				
40	100	0		24.95	24.79	24.66				
40	1	1	QPSK	25.69	25.53	25.19			23.83	0.2415
40	1	104		25.33	25.38	24.88				
40	50	25		25.49	25.35	25.22				
40	1	0		22.10	21.96	21.60				
40	1	105		21.73	21.85	21.28				
40	100	0		23.93	23.79	23.67				
40	1	1	16-QAM	24.63	24.61	24.11	23.83	0.2415		
40	1	1	64-QAM	23.18	22.95	22.59				
40	1	1	256-QAM	21.10	20.82	20.40				
Limit	EIRP < 1W			Result			Pass			



NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	25.59	25.57	25.23	24.85	0.3055		
50	1	131		25.04	25.35	24.77				
50	64	32		25.23	25.32	24.97				
50	1	0		22.07	22.05	21.72				
50	1	132		21.54	21.78	21.22				
50	128	0		24.71	24.77	24.43				
50	1	1	QPSK	25.65	25.54	25.31			23.80	0.2399
50	1	131		25.12	25.31	24.88				
50	64	32		25.22	25.34	24.96				
50	1	0		22.12	21.96	21.72				
50	1	132		21.57	21.71	21.23				
50	128	0		23.67	23.78	23.44				
50	1	1	16-QAM	24.60	24.60	24.22	23.80	0.2399		
50	1	1	64-QAM	23.13	22.94	22.68				
50	1	1	256-QAM	21.02	20.87	20.63				
Limit	EIRP < 1W			Result			Pass			

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	25.68	25.40	25.37	24.89	0.3083		
60	1	160		25.03	25.12	24.70				
60	81	40		25.29	25.33	24.88				
60	1	0		22.16	21.90	21.86				
60	1	161		21.55	21.61	21.16				
60	162	0		24.72	24.81	24.32				
60	1	1	QPSK	25.69	25.39	25.44			23.85	0.2427
60	1	160		25.06	25.10	24.75				
60	81	40		25.32	25.35	24.89				
60	1	0		22.15	21.88	21.95				
60	1	161		21.52	21.60	21.21				
60	162	0		23.76	23.78	23.33				
60	1	1	16-QAM	24.65	24.45	24.36	23.85	0.2427		
60	1	1	64-QAM	23.22	22.90	23.02				
60	1	1	256-QAM	21.21	20.82	20.89				
Limit	EIRP < 1W			Result			Pass			



NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	25.62	25.44	25.38	24.84	0.3048		
70	1	187		24.74	25.01	24.62				
70	90	45		25.43	25.35	25.01				
70	1	0		22.18	21.97	21.89				
70	1	188		21.31	21.53	21.13				
70	180	0		24.95	24.79	24.51				
70	1	1	QPSK	25.64	25.51	25.41			23.83	0.2415
70	1	187		24.76	25.07	24.66				
70	90	45		25.47	25.34	25.02				
70	1	0		22.21	22.02	21.90				
70	1	188		21.27	21.59	21.20				
70	180	0		23.96	23.78	23.47				
70	1	1	16-QAM	24.63	24.49	24.51	23.83	0.2415		
70	1	1	64-QAM	23.23	22.95	22.89				
70	1	1	256-QAM	21.17	20.89	20.77				
Limit	EIRP < 1W			Result			Pass			

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	25.66	25.35	25.41	24.89	0.3083		
80	1	215		24.77	25.03	24.58				
80	108	54		25.50	25.31	25.08				
80	1	0		22.28	21.93	21.97				
80	1	216		21.43	21.58	21.16				
80	216	0		24.96	24.78	24.55				
80	1	1	QPSK	25.69	25.47	25.41			23.96	0.2489
80	1	215		24.81	25.13	24.64				
80	108	54		25.51	25.37	25.10				
80	1	0		22.28	21.95	21.90				
80	1	216		21.38	21.56	21.13				
80	216	0		23.98	23.80	23.53				
80	1	1	16-QAM	24.76	24.36	24.50	23.96	0.2489		
80	1	1	64-QAM	23.27	22.93	23.06				
80	1	1	256-QAM	21.27	20.88	20.81				
Limit	EIRP < 1W			Result			Pass			



NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	25.76	25.42	25.26	25.02	0.3177
90	1	243		24.76	25.05	24.53		
90	120	60		25.29	25.30	25.14		
90	1	0		22.23	21.92	21.76		
90	1	244		21.27	21.48	21.04		
90	243	0		24.76	24.75	24.57		
90	1	1	QPSK	25.82	25.51	25.32		
90	1	243		24.82	25.15	24.65		
90	120	60		25.32	25.30	25.16		
90	1	0		22.20	21.90	21.73		
90	1	244		21.19	21.47	21.01		
90	243	0		23.80	23.74	23.57		
90	1	1	16-QAM	24.70	24.39	24.27	23.90	0.2455
90	1	1	64-QAM	23.22	22.93	22.74		
90	1	1	256-QAM	21.15	20.79	20.67		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	26.08	25.56	25.94	25.47	0.3524
100	1	271		25.16	24.77	24.73		
100	135	67		25.34	25.28	25.17		
100	1	0		22.27	21.84	22.04		
100	1	272		21.32	21.10	20.95		
100	270	0		24.79	24.72	24.60		
100	1	1	QPSK	26.27	25.77	26.17		
100	1	271		25.36	25.07	24.95		
100	135	67		25.37	25.30	25.18		
100	1	0		22.27	21.85	22.02		
100	1	272		21.35	21.06	20.93		
100	270	0		23.78	23.74	23.60		
100	1	1	16-QAM	25.21	24.62	25.04	24.41	0.2761
100	1	1	64-QAM	23.20	22.83	23.12		
100	1	1	256-QAM	21.21	20.73	20.91		
Limit	EIRP < 1W			Result			Pass	



NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	25.06	24.95	24.62	24.32	0.2704
10	1	22		24.99	24.91	24.64		
10	12	6		25.01	24.94	24.69		
10	1	0		21.52	21.41	21.06		
10	1	23		21.41	21.36	21.12		
10	24	0		24.52	24.43	24.19		
10	1	1	QPSK	25.12	24.97	24.65		
10	1	22		24.98	24.93	24.64		
10	12	6		25.04	24.95	24.72		
10	1	0		21.56	21.38	21.01		
10	1	23		21.46	21.35	21.11		
10	24	0		24.01	23.93	23.68		
10	1	1	16-QAM	24.06	23.87	23.51	23.26	0.2118
10	1	1	64-QAM	22.68	22.41	22.04		
10	1	1	256-QAM	20.41	20.20	19.90		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	25.10	25.01	24.78	24.38	0.2742
15	1	36		24.92	24.95	24.87		
15	18	9		25.09	24.92	24.73		
15	1	0		21.61	21.43	21.32		
15	1	37		21.43	21.30	21.21		
15	36	0		24.57	24.42	24.25		
15	1	1	QPSK	25.18	25.05	24.79		
15	1	36		24.96	24.90	24.81		
15	18	9		25.11	24.95	24.78		
15	1	0		21.61	21.48	21.35		
15	1	37		21.43	21.31	21.30		
15	36	0		24.06	23.92	23.74		
15	1	1	16-QAM	24.07	23.86	23.71	23.27	0.2123
15	1	1	64-QAM	22.77	22.59	22.23		
15	1	1	256-QAM	20.50	20.48	20.10		
Limit	EIRP < 1W			Result			Pass	



NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	25.18	24.98	24.79	24.44	0.278
20	1	49		24.96	24.79	24.73		
20	25	12		25.11	24.93	24.70		
20	1	0		21.66	21.45	21.26		
20	1	50		21.43	21.27	21.19		
20	50	0		24.60	24.40	24.18		
20	1	1	QPSK	25.24	25.02	24.86		
20	1	49		24.94	24.87	24.80		
20	25	12		25.13	24.95	24.75		
20	1	0		21.68	21.46	21.34		
20	1	50		21.45	21.34	21.24		
20	50	0		24.10	23.92	23.68		
20	1	1	16-QAM	24.08	24.04	23.83	23.28	0.2128
20	1	1	64-QAM	22.79	22.36	22.25		
20	1	1	256-QAM	20.61	20.41	20.21		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	25.26	25.13	24.67	24.46	0.2793
25	1	63		24.76	24.84	24.72		
25	32	16		25.12	24.95	24.66		
25	1	0		21.70	21.50	21.16		
25	1	64		21.27	21.22	21.14		
25	64	0		24.60	24.43	24.14		
25	1	1	QPSK	25.26	25.13	24.73		
25	1	63		24.87	24.80	24.70		
25	32	16		25.14	24.95	24.68		
25	1	0		21.76	21.58	21.19		
25	1	64		21.26	21.25	21.22		
25	64	0		24.11	23.92	23.66		
25	1	1	16-QAM	24.29	24.15	23.67	23.49	0.2234
25	1	1	64-QAM	22.76	22.64	22.35		
25	1	1	256-QAM	20.61	20.52	20.06		
Limit	EIRP < 1W			Result			Pass	



NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	25.12	25.11	24.88	24.39	0.2748
30	1	76		24.66	24.72	24.85		
30	36	18		25.01	24.96	24.90		
30	1	0		21.56	21.59	21.26		
30	1	77		21.12	21.22	21.22		
30	75	0		24.46	24.41	24.38		
30	1	1	QPSK	25.19	25.18	24.86		
30	1	76		24.73	24.80	24.84		
30	36	18		25.04	24.97	24.90		
30	1	0		21.63	21.49	21.30		
30	1	77		21.13	21.21	21.25		
30	75	0		23.96	23.91	23.87		
30	1	1	16-QAM	24.15	24.07	23.77	23.35	0.2163
30	1	1	64-QAM	22.60	22.62	22.32		
30	1	1	256-QAM	20.43	20.55	20.18		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	25.18	24.95	25.00	24.47	0.2799
40	1	104		24.84	24.54	24.72		
40	50	25		25.06	24.94	24.78		
40	1	0		21.67	21.40	21.39		
40	1	105		21.31	21.01	21.13		
40	100	0		24.52	24.45	24.28		
40	1	1	QPSK	25.27	24.99	25.00		
40	1	104		24.90	24.56	24.70		
40	50	25		25.06	24.97	24.80		
40	1	0		21.72	21.41	21.47		
40	1	105		21.36	20.95	21.21		
40	100	0		24.01	23.94	23.79		
40	1	1	16-QAM	24.29	23.97	24.04	23.49	0.2234
40	1	1	64-QAM	22.67	22.65	22.41		
40	1	1	256-QAM	20.65	20.35	20.45		
Limit	EIRP < 1W			Result			Pass	



NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	25.18	24.98	25.13	24.39	0.2748		
50	1	131		24.64	24.47	24.65				
50	64	32		24.80	24.97	24.77				
50	1	0		21.63	21.40	21.59				
50	1	132		21.15	20.94	21.08				
50	128	0		24.29	24.45	24.27				
50	1	1	QPSK	25.19	24.99	25.17			23.47	0.2223
50	1	131		24.72	24.54	24.70				
50	64	32		24.80	24.98	24.79				
50	1	0		21.68	21.46	21.64				
50	1	132		21.14	20.98	21.13				
50	128	0		23.79	23.95	23.79				
50	1	1	16-QAM	24.27	23.98	24.03	23.47	0.2223		
50	1	1	64-QAM	22.82	22.47	22.76				
50	1	1	256-QAM	20.72	20.35	20.49				
Limit	EIRP < 1W			Result			Pass			

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	25.23	25.10	25.03	24.48	0.2805		
60	1	160		24.61	24.48	24.59				
60	81	40		24.86	24.94	24.70				
60	1	0		21.74	21.62	21.56				
60	1	161		21.13	21.01	21.09				
60	162	0		24.35	24.46	24.16				
60	1	1	QPSK	25.28	25.13	25.08			23.41	0.2193
60	1	160		24.64	24.56	24.65				
60	81	40		24.87	24.99	24.71				
60	1	0		21.72	21.61	21.53				
60	1	161		21.18	21.03	21.09				
60	162	0		23.86	23.97	23.68				
60	1	1	16-QAM	24.21	24.11	24.10	23.41	0.2193		
60	1	1	64-QAM	22.77	22.66	22.65				
60	1	1	256-QAM	20.74	20.51	20.50				
Limit	EIRP < 1W			Result			Pass			



NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	25.23	25.15	24.94	24.43	0.2773		
70	1	187		24.34	24.51	24.50				
70	90	45		25.01	24.97	24.84				
70	1	0		21.73	21.67	21.43				
70	1	188		20.83	20.99	21.02				
70	180	0		24.49	24.42	24.33				
70	1	1	QPSK	25.23	25.17	24.90			23.54	0.2259
70	1	187		24.32	24.54	24.45				
70	90	45		25.04	24.97	24.85				
70	1	0		21.74	21.66	21.46				
70	1	188		20.88	21.06	20.99				
70	180	0		23.99	23.94	23.83				
70	1	1	16-QAM	24.34	24.08	23.98	23.54	0.2259		
70	1	1	64-QAM	22.63	22.51	22.58				
70	1	1	256-QAM	20.67	20.59	20.36				
Limit	EIRP < 1W			Result			Pass			

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	25.28	25.12	25.09	24.48	0.2805		
80	1	215		24.41	24.26	24.42				
80	108	54		25.09	24.94	24.90				
80	1	0		21.84	21.71	21.65				
80	1	216		20.98	20.85	21.00				
80	216	0		24.54	24.40	24.36				
80	1	1	QPSK	25.26	25.21	25.12			23.54	0.2259
80	1	215		24.42	24.36	24.43				
80	108	54		25.07	24.94	24.90				
80	1	0		21.80	21.73	21.66				
80	1	216		20.96	20.84	20.94				
80	216	0		24.04	23.93	23.86				
80	1	1	16-QAM	24.34	24.10	24.29	23.54	0.2259		
80	1	1	64-QAM	22.83	22.78	22.74				
80	1	1	256-QAM	20.80	20.79	20.57				
Limit	EIRP < 1W			Result			Pass			



NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	25.21	25.24	25.19	24.52	0.2831
90	1	243		24.19	24.27	24.31		
90	120	60		24.88	24.95	25.02		
90	1	0		21.76	21.86	21.79		
90	1	244		20.80	20.85	20.92		
90	243	0		24.37	24.37	24.46		
90	1	1	QPSK	25.32	25.32	25.28		
90	1	243		24.31	24.33	24.43		
90	120	60		24.89	24.96	25.03		
90	1	0		21.76	21.82	21.77		
90	1	244		20.80	20.79	20.91		
90	243	0		23.85	23.90	23.96		
90	1	1	16-QAM	24.23	24.33	24.17	23.53	0.2254
90	1	1	64-QAM	22.72	22.81	22.82		
90	1	1	256-QAM	20.64	20.71	20.78		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	25.46	-	24.79	0.3013
100	1	271		-	24.54	-		
100	135	67		-	24.94	-		
100	1	0		-	21.90	-		
100	1	272		-	20.93	-		
100	270	0		-	24.40	-		
100	1	1	QPSK	-	25.59	-		
100	1	271		-	24.68	-		
100	135	67		-	24.95	-		
100	1	0		-	21.87	-		
100	1	272		-	20.90	-		
100	270	0		-	23.91	-		
100	1	1	16-QAM	-	24.57	-	23.77	0.2382
100	1	1	64-QAM	-	22.93	-		
100	1	1	256-QAM	-	20.84	-		
Limit	EIRP < 1W			Result			Pass	



<MIMO Mode>
MIMO <Ant. 6+1>

NR n77 Maximum Average Power [dBm], DG = -2.86 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	24.15	24.24	24.27	24.18	24.21	24.02	27.18	27.24	27.16	24.38	0.2742
10	1	22		23.95	24.33	24.32	24.12	24.04	23.98	27.05	27.20	27.16		
10	12	6		24.01	24.30	24.32	24.21	24.10	24.06	27.12	27.21	27.20		
10	1	0		20.56	20.58	20.67	20.58	20.67	20.45	23.58	23.64	23.57		
10	1	23		20.41	20.69	20.61	20.54	20.51	20.37	23.49	23.61	23.50		
10	24	0		20.96	21.24	21.28	21.17	21.02	21.03	24.08	24.14	24.17		
10	1	1	16-QAM	23.51	23.67	23.85	23.87	23.72	23.51	26.70	26.71	26.69	23.85	0.2427
10	1	1	64-QAM	22.04	22.21	22.26	22.11	22.10	22.28	25.09	25.17	25.28		
10	1	1	256-QAM	17.51	17.65	17.67	17.45	17.83	17.43	20.49	20.75	20.56		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -2.86 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	24.16	23.92	24.03	23.86	23.70	23.67	27.02	26.82	26.86	24.16	0.2606
15	1	36		24.00	23.78	23.70	23.94	23.90	23.41	26.98	26.85	26.57		
15	19	9		24.01	23.85	23.96	23.74	23.59	23.46	26.89	26.73	26.73		
15	1	0		20.66	20.26	20.40	20.26	20.17	20.18	23.47	23.23	23.30		
15	1	37		20.19	20.25	20.17	19.84	20.29	19.91	23.03	23.28	23.05		
15	38	0		20.95	20.76	20.95	20.73	20.84	20.61	23.85	23.81	23.79		
15	1	1	16-QAM	23.64	23.60	23.59	23.49	23.23	23.22	26.58	26.43	26.42	23.72	0.2355
15	1	1	64-QAM	22.01	21.65	22.03	21.89	21.88	21.80	24.96	24.78	24.93		
15	1	1	256-QAM	17.68	17.21	17.38	17.32	17.27	16.92	20.51	20.25	20.17		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -2.86 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	24.13	23.86	23.93	23.90	23.74	23.89	27.03	26.81	26.92	24.17	0.2612
20	1	49		23.78	23.81	23.78	23.49	23.73	23.48	26.65	26.78	26.64		
20	25	12		23.98	23.88	24.06	23.79	23.72	23.68	26.90	26.81	26.88		
20	1	0		20.56	20.33	20.36	20.31	20.18	20.31	23.45	23.27	23.35		
20	1	50		20.13	20.29	20.19	19.96	20.23	19.96	23.06	23.27	23.09		
20	51	0		20.93	20.77	20.97	20.75	20.88	20.62	23.85	23.84	23.81		
20	1	1	16-QAM	23.55	23.29	23.46	23.43	22.89	23.45	26.50	26.10	26.47	23.64	0.2312
20	1	1	64-QAM	22.12	21.69	21.56	22.08	21.91	21.99	25.11	24.81	24.79		
20	1	1	256-QAM	17.55	17.16	17.16	17.37	17.22	17.33	20.47	20.20	20.26		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -2.86 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	24.18	23.67	23.76	23.86	23.56	23.92	27.03	26.63	26.85	24.17	0.2612
25	1	63		23.76	23.77	23.79	23.67	23.67	23.44	26.73	26.73	26.63		
25	33	16		23.95	23.83	24.05	23.82	23.91	23.66	26.90	26.88	26.87		
25	1	0		20.66	20.14	20.23	20.31	20.03	20.39	23.50	23.10	23.32		
25	1	64		20.26	20.18	20.31	20.12	20.13	19.88	23.20	23.17	23.11		
25	65	0		20.91	20.75	21.03	20.77	20.91	20.67	23.85	23.84	23.86		
25	1	1	16-QAM	23.44	23.29	23.20	23.26	23.15	23.33	26.36	26.23	26.28	23.5	0.2239
25	1	1	64-QAM	21.91	21.77	21.51	21.96	21.54	21.98	24.95	24.67	24.76		
25	1	1	256-QAM	17.33	16.99	17.13	17.27	16.98	17.32	20.31	20.00	20.24		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -2.86 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	24.24	23.72	23.62	23.93	23.62	23.89	27.10	26.68	26.77	24.24	0.2655
30	1	76		23.73	23.81	23.70	23.71	23.75	23.46	26.73	26.79	26.59		
30	39	19		23.85	23.91	23.91	23.62	23.77	23.78	26.75	26.85	26.86		
30	1	0		20.68	20.18	20.12	20.34	20.06	20.39	23.52	23.13	23.27		
30	1	77		20.23	20.25	20.11	20.18	20.10	19.93	23.22	23.19	23.03		
30	78	0		20.80	20.84	20.88	20.58	20.96	20.75	23.70	23.91	23.83		
30	1	1	16-QAM	23.54	23.13	23.14	23.42	23.04	23.34	26.49	26.10	26.25	23.63	0.2307
30	1	1	64-QAM	21.99	21.57	21.37	21.86	21.69	21.96	24.94	24.64	24.69		
30	1	1	256-QAM	17.65	16.96	17.01	17.43	16.97	17.26	20.55	19.98	20.15		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -2.86 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	24.15	23.69	23.59	23.83	23.72	23.57	27.00	26.72	26.59	24.14	0.2594
40	1	104		23.65	23.76	23.73	23.68	23.61	23.43	26.68	26.70	26.59		
40	53	26		23.80	23.88	23.92	23.57	23.81	23.86	26.70	26.86	26.90		
40	1	0		20.57	20.01	19.88	20.36	20.11	20.13	23.48	23.07	23.02		
40	1	105		20.12	20.16	20.12	20.08	19.99	19.91	23.11	23.09	23.03		
40	106	0		20.78	20.79	20.89	20.52	20.93	20.77	23.66	23.87	23.84		
40	1	1	16-QAM	23.50	22.99	23.04	23.24	23.31	23.17	26.38	26.16	26.12	23.52	0.2249
40	1	1	64-QAM	22.15	21.51	21.32	21.72	21.79	21.70	24.95	24.66	24.52		
40	1	1	256-QAM	17.42	17.06	16.83	17.26	17.48	17.01	20.35	20.29	19.93		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -2.86 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	24.12	23.65	23.72	23.95	23.79	23.65	27.05	26.73	26.70	24.19	0.2624
50	1	131		23.63	23.73	23.65	23.52	23.51	23.30	26.59	26.63	26.49		
50	67	33		23.84	23.87	23.63	23.85	23.99	23.73	26.86	26.94	26.69		
50	1	0		20.62	20.15	20.21	20.34	20.38	20.02	23.49	23.28	23.13		
50	1	132		20.12	20.30	20.15	20.01	20.00	19.87	23.08	23.16	23.02		
50	133	0		20.77	20.84	20.63	20.78	20.95	20.74	23.79	23.91	23.70		
50	1	1	16-QAM	23.64	23.53	23.12	23.45	23.01	23.19	26.56	26.29	26.17	23.7	0.2344
50	1	1	64-QAM	21.93	21.58	21.41	21.92	21.69	21.83	24.94	24.65	24.64		
50	1	1	256-QAM	17.27	17.00	16.97	17.51	17.34	17.09	20.40	20.18	20.04		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -2.86 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	24.20	23.85	24.04	23.83	23.90	23.73	27.03	26.89	26.90	24.17	0.2612
60	1	160		23.67	23.50	23.66	23.57	23.32	23.31	26.63	26.42	26.50		
60	81	40		23.85	23.96	23.71	23.84	23.75	23.85	26.86	26.87	26.79		
60	1	0		20.83	20.24	20.48	20.43	20.45	20.11	23.64	23.36	23.31		
60	1	161		19.98	20.00	20.10	19.94	19.81	19.82	22.97	22.92	22.97		
60	162	0		20.81	20.79	20.69	20.78	20.94	20.82	23.81	23.88	23.77		
60	1	1	16-QAM	23.75	23.29	23.56	23.49	23.52	23.19	26.63	26.42	26.39	23.77	0.2382
60	1	1	64-QAM	22.13	21.83	21.85	21.83	21.94	21.83	24.99	24.90	24.85		
60	1	1	256-QAM	17.71	17.25	17.30	17.17	17.39	17.05	20.46	20.33	20.19		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -2.86 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	23.91	23.87	24.19	24.24	23.90	23.84	27.09	26.90	27.03	24.23	0.2649
70	1	187		23.53	23.42	23.69	23.49	23.35	23.30	26.52	26.40	26.51		
70	95	47		23.95	23.90	23.71	23.90	23.99	23.58	26.94	26.96	26.66		
70	1	0		20.71	20.37	20.66	20.43	20.34	20.33	23.58	23.37	23.51		
70	1	188		19.97	19.88	20.19	19.96	19.75	19.78	22.98	22.83	23.00		
70	189	0		20.90	20.81	20.71	20.84	20.91	20.56	23.88	23.87	23.65		
70	1	1	16-QAM	23.66	23.23	23.57	23.48	23.47	23.60	26.58	26.36	26.60	23.74	0.2366
70	1	1	64-QAM	21.99	21.72	22.15	21.85	21.88	21.87	24.93	24.81	25.02		
70	1	1	256-QAM	17.76	17.26	17.76	17.47	17.41	17.40	20.63	20.35	20.59		
Limit	EIRP < 1W			Result									Pass	

n77 Maximum Average Power [dBm], DG = -2.86 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	24.29	23.97	23.96	23.93	23.93	23.82	27.12	26.96	26.90	24.26	0.2667
80	1	215		23.44	23.34	23.63	23.37	23.09	23.13	26.42	26.23	26.40		
80	109	54		23.94	23.89	23.65	23.87	23.98	23.53	26.92	26.95	26.60		
80	1	0		20.73	20.52	20.56	20.44	20.47	20.34	23.60	23.51	23.46		
80	1	216		19.92	19.79	20.10	19.76	19.64	19.66	22.85	22.73	22.90		
80	217	0		20.90	20.82	20.64	20.79	20.92	20.51	23.86	23.88	23.59		
80	1	1	16-QAM	23.80	23.34	23.18	23.47	23.51	23.35	26.65	26.44	26.28	23.79	0.2393
80	1	1	64-QAM	22.18	21.83	21.77	21.84	22.04	21.80	25.02	24.95	24.80		
80	1	1	256-QAM	17.74	17.36	17.52	17.38	17.80	17.51	20.57	20.60	20.53		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -2.86 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	24.37	24.15	23.88	23.92	23.97	23.76	27.16	27.07	26.83	24.30	0.2692
90	1	243		23.78	23.32	23.53	23.40	23.10	23.09	26.60	26.22	26.33		
90	123	61		23.98	23.86	23.74	23.81	23.98	23.58	26.91	26.93	26.67		
90	1	0		20.74	20.44	20.23	20.30	20.35	20.32	23.54	23.41	23.29		
90	1	244		20.04	19.75	19.62	19.87	19.59	19.96	22.97	22.68	22.80		
90	245	0		20.91	20.78	20.65	20.76	20.91	20.54	23.85	23.86	23.61		
90	1	1	16-QAM	23.82	23.52	23.41	23.38	23.48	23.27	26.62	26.51	26.35	23.76	0.2377
90	1	1	64-QAM	22.20	21.86	21.59	22.02	21.92	21.73	25.12	24.90	24.67		
90	1	1	256-QAM	17.81	17.48	17.23	17.59	17.41	17.35	20.71	20.46	20.30		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -2.86 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	24.46	24.16	24.53	24.55	24.37	24.86	27.52	27.28	27.71	24.85	0.3055
100	1	271		24.05	24.06	24.26	24.01	24.04	23.65	27.04	27.06	26.98		
100	137	68		24.02	24.38	24.41	24.18	24.16	24.21	27.11	27.28	27.32		
100	1	0		20.68	20.42	20.71	20.76	20.79	21.23	23.73	23.62	23.99		
100	1	272		20.24	20.33	20.48	20.40	20.39	20.17	23.33	23.37	23.34		
100	273	0		20.91	21.24	21.35	21.08	21.01	21.16	24.01	24.14	24.27		
100	1	1	16-QAM	23.87	23.55	23.87	23.80	23.84	24.37	26.85	26.71	27.14	24.28	0.2679
100	1	1	64-QAM	22.03	21.98	22.21	22.29	22.26	22.86	25.17	25.13	25.56		
100	1	1	256-QAM	17.78	17.52	17.75	17.76	17.93	18.12	20.78	20.74	20.95		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -2.86 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	21.47	21.65	21.40	21.83	21.78	21.73	24.66	24.73	24.58	21.87	0.1538
10	1	22		21.51	21.64	21.56	21.49	21.62	21.67	24.51	24.64	24.63		
10	12	6		21.59	21.75	21.57	21.54	21.61	21.62	24.58	24.69	24.61		
10	1	0		19.45	19.65	19.46	19.64	19.83	19.77	22.56	22.75	22.63		
10	1	23		19.48	19.64	19.52	19.47	19.66	19.58	22.49	22.66	22.56		
10	24	0		20.03	20.26	20.06	20.03	20.09	20.13	23.04	23.19	23.11		
10	1	1	16-QAM	20.99	21.17	20.89	21.06	21.11	21.50	24.04	24.15	24.22	21.36	0.1368
10	1	1	64-QAM	19.36	19.68	19.67	19.60	19.62	19.73	22.49	22.66	22.71		
10	1	1	256-QAM	16.65	16.64	16.34	16.65	16.97	16.60	19.66	19.82	19.48		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -2.86 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	21.59	21.60	21.49	21.80	21.81	21.91	24.71	24.72	24.72	21.90	0.1549
15	1	36		21.51	21.62	21.59	21.57	21.62	21.74	24.55	24.63	24.68		
15	19	9		21.61	21.71	21.59	21.58	21.79	21.83	24.61	24.76	24.72		
15	1	0		19.56	19.65	19.67	19.78	19.83	19.81	22.68	22.75	22.75		
15	1	37		19.45	19.63	19.61	19.57	19.61	19.78	22.52	22.63	22.71		
15	38	0		20.07	20.23	20.05	20.09	20.13	20.35	23.09	23.19	23.21		
15	1	1	16-QAM	21.07	21.17	21.03	21.25	21.38	21.38	24.17	24.29	24.22	21.43	0.1390
15	1	1	64-QAM	19.61	19.65	19.53	19.89	19.81	19.88	22.76	22.74	22.72		
15	1	1	256-QAM	16.47	16.67	16.43	16.73	16.80	16.95	19.61	19.75	19.71		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -2.86 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	21.64	21.63	21.67	21.79	21.88	21.82	24.73	24.77	24.76	21.93	0.1560
20	1	49		21.54	21.64	21.63	21.62	21.57	21.72	24.59	24.62	24.69		
20	25	12		21.64	21.73	21.54	21.69	21.82	21.84	24.68	24.79	24.70		
20	1	0		19.62	19.67	19.54	19.85	19.85	19.65	22.75	22.77	22.61		
20	1	50		19.46	19.62	19.52	19.58	19.79	19.65	22.53	22.72	22.60		
20	51	0		20.11	20.23	20.00	20.13	20.11	20.32	23.13	23.18	23.17		
20	1	1	16-QAM	21.03	21.04	21.19	21.35	21.44	21.36	24.20	24.25	24.29	21.43	0.1390
20	1	1	64-QAM	19.57	19.59	19.81	19.98	20.18	19.61	22.79	22.91	22.72		
20	1	1	256-QAM	16.60	16.59	16.44	16.82	16.86	16.58	19.72	19.74	19.52		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -2.86 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	21.67	21.75	21.50	21.90	21.79	21.54	24.80	24.78	24.53	21.94	0.1563
25	1	63		21.35	21.55	21.51	21.56	21.79	21.61	24.47	24.68	24.57		
25	33	16		21.67	21.75	21.50	21.69	21.64	21.82	24.69	24.71	24.67		
25	1	0		19.66	19.72	19.44	19.92	19.58	19.42	22.80	22.66	22.44		
25	1	64		19.38	19.54	19.53	19.52	19.67	19.56	22.46	22.62	22.56		
25	65	0		20.14	20.20	19.97	20.16	20.12	20.30	23.16	23.17	23.15		
25	1	1	16-QAM	21.18	21.30	21.06	21.39	21.35	21.14	24.30	24.34	24.11	21.48	0.1406
25	1	1	64-QAM	19.61	19.66	19.54	19.87	19.69	19.71	22.75	22.69	22.64		
25	1	1	256-QAM	16.71	16.60	16.50	16.85	16.84	16.60	19.79	19.73	19.56		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -2.86 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	21.58	21.82	21.53	21.78	21.76	21.73	24.69	24.80	24.64	21.94	0.1563
30	1	76		21.25	21.60	21.55	21.52	21.68	21.69	24.40	24.65	24.63		
30	39	19		21.52	21.69	21.74	21.60	21.82	21.84	24.57	24.77	24.80		
30	1	0		19.56	19.75	19.56	19.77	19.59	19.74	22.68	22.68	22.66		
30	1	77		19.30	19.58	19.55	19.44	19.63	19.66	22.38	22.62	22.62		
30	78	0		19.99	20.21	20.16	20.08	20.11	20.31	23.05	23.17	23.25		
30	1	1	16-QAM	21.02	21.30	21.00	21.27	21.49	21.23	24.16	24.41	24.13	21.55	0.1429
30	1	1	64-QAM	19.53	19.92	19.60	19.36	19.24	19.59	22.46	22.60	22.61		
30	1	1	256-QAM	16.62	16.65	16.56	16.71	16.72	16.65	19.68	19.70	19.62		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -2.86 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	21.64	21.70	21.81	21.91	21.71	21.84	24.79	24.72	24.84	21.98	0.1578
40	1	104		21.55	21.35	21.47	21.49	21.27	21.58	24.53	24.32	24.54		
40	53	26		21.58	21.68	21.60	21.69	21.80	21.74	24.65	24.75	24.68		
40	1	0		19.68	19.51	19.75	19.93	19.63	19.72	22.82	22.58	22.75		
40	1	105		19.46	19.37	19.45	19.60	19.34	19.53	22.54	22.37	22.50		
40	106	0		20.08	20.20	20.08	20.11	20.10	20.20	23.11	23.16	23.15		
40	1	1	16-QAM	21.25	21.22	21.19	21.20	21.53	21.49	24.24	24.39	24.35	21.53	0.1422
40	1	1	64-QAM	19.79	19.83	19.72	19.86	19.71	19.84	22.84	22.78	22.79		
40	1	1	256-QAM	16.65	16.35	16.63	16.77	16.75	16.79	19.72	19.56	19.72		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -2.86 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.60	21.60	21.94	21.81	21.87	21.84	24.72	24.75	24.90	22.04	0.1600
50	1	131		21.34	21.27	21.45	21.50	21.46	21.53	24.43	24.38	24.50		
50	67	33		21.36	21.74	21.52	21.58	21.65	21.69	24.48	24.71	24.62		
50	1	0		19.69	19.52	19.80	19.63	19.69	19.67	22.67	22.62	22.75		
50	1	132		19.35	19.14	19.44	19.63	19.38	19.46	22.50	22.27	22.46		
50	133	0		19.86	20.19	20.06	20.06	20.10	20.09	22.97	23.16	23.09		
50	1	1	16-QAM	21.27	21.28	21.27	21.27	21.14	21.47	24.28	24.22	24.38	21.52	0.1419
50	1	1	64-QAM	19.51	19.62	19.88	19.88	19.74	19.72	22.71	22.69	22.81		
50	1	1	256-QAM	16.54	16.35	16.84	16.63	16.60	16.77	19.60	19.49	19.82		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -2.86 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	21.73	21.74	21.81	21.99	21.87	21.96	24.87	24.82	24.90	22.04	0.1600
60	1	160		21.47	21.34	21.43	21.43	21.43	21.44	24.46	24.40	24.45		
60	81	40		21.48	21.70	21.51	21.65	21.83	21.54	24.58	24.78	24.54		
60	1	0		19.76	19.72	19.77	19.82	19.80	19.76	22.80	22.77	22.78		
60	1	161		19.39	19.29	19.37	19.58	19.48	19.45	22.50	22.40	22.42		
60	162	0		19.91	20.23	19.91	20.10	20.13	19.97	23.02	23.19	22.95		
60	1	1	16-QAM	21.29	21.17	21.01	21.51	21.28	21.22	24.41	24.24	24.13	21.55	0.1429
60	1	1	64-QAM	19.84	19.74	19.90	19.82	19.69	19.64	22.84	22.73	22.78		
60	1	1	256-QAM	16.87	16.45	16.89	16.90	16.81	16.80	19.90	19.64	19.86		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -2.86 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	21.76	21.77	21.65	21.69	21.95	21.76	24.74	24.87	24.72	22.01	0.1589
70	1	187		21.17	21.23	21.38	21.22	21.50	21.51	24.21	24.38	24.46		
70	95	47		21.59	21.69	21.59	21.54	21.66	21.81	24.58	24.69	24.71		
70	1	0		19.76	19.74	19.46	19.88	19.61	19.63	22.83	22.69	22.56		
70	1	188		19.00	19.40	19.31	19.14	19.43	19.50	22.08	22.43	22.42		
70	189	0		20.16	20.15	20.06	20.15	20.08	20.25	23.17	23.13	23.17		
70	1	1	16-QAM	20.76	21.26	21.04	21.40	21.16	21.18	24.10	24.22	24.12	21.36	0.1368
70	1	1	64-QAM	19.74	19.96	19.94	19.97	20.08	19.49	22.87	23.03	22.73		
70	1	1	256-QAM	16.95	16.57	16.59	16.96	16.60	16.41	19.97	19.60	19.51		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -2.86 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	21.72	21.82	21.76	21.86	21.85	21.80	24.80	24.85	24.79	21.99	0.1581
80	1	215		21.29	21.30	21.28	21.41	21.57	21.45	24.36	24.45	24.38		
80	109	54		21.72	21.75	21.67	21.69	21.73	21.81	24.72	24.75	24.75		
80	1	0		19.58	19.83	19.68	20.02	19.68	19.73	22.82	22.77	22.72		
80	1	216		19.19	19.23	19.35	19.34	19.47	19.32	22.28	22.36	22.35		
80	217	0		20.15	20.17	20.06	20.09	20.06	20.26	23.13	23.13	23.17		
80	1	1	16-QAM	21.26	21.41	21.24	21.45	21.66	21.49	24.37	24.55	24.38	21.69	0.1476
80	1	1	64-QAM	19.71	20.02	19.69	20.35	20.24	19.27	23.05	23.14	22.50		
80	1	1	256-QAM	16.54	17.21	16.79	16.71	16.45	16.72	19.64	19.86	19.77		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -2.86 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	21.71	21.89	21.83	22.02	21.87	21.86	24.88	24.89	24.86	22.03	0.1596
90	1	243		21.27	21.18	21.24	21.47	21.52	21.48	24.38	24.36	24.37		
90	123	61		21.60	21.75	21.74	21.68	21.61	21.77	24.65	24.69	24.77		
90	1	0		19.86	19.85	19.93	19.96	19.82	19.97	22.92	22.85	22.96		
90	1	244		19.22	19.16	19.27	19.54	19.53	19.44	22.39	22.36	22.37		
90	245	0		20.03	20.15	20.12	20.17	20.11	20.21	23.11	23.14	23.18		
90	1	1	16-QAM	21.27	21.47	21.50	21.50	21.45	21.24	24.40	24.47	24.38	21.61	0.1449
90	1	1	64-QAM	19.19	19.86	19.81	19.93	19.71	19.67	22.59	22.80	22.75		
90	1	1	256-QAM	16.93	16.94	16.91	16.89	16.98	17.09	19.92	19.97	20.01		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -2.86 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	-	22.03	-	-	22.06	-	-	25.06	-	22.2	0.1660
100	1	271		-	21.27	-	-	21.28	-	-	24.29	-		
100	137	68		-	21.74	-	-	21.60	-	-	24.68	-		
100	1	0		-	19.92	-	-	20.11	-	-	23.03	-		
100	1	272		-	19.29	-	-	19.47	-	-	22.39	-		
100	273	0		-	20.26	-	-	20.05	-	-	23.17	-		
100	1	1	16-QAM	-	21.87	-	-	21.20	-	-	24.56	-	21.7	0.1479
100	1	1	64-QAM	-	19.93	-	-	20.07	-	-	23.01	-		
100	1	1	256-QAM	-	17.20	-	-	17.07	-	-	20.15	-		
Limit	EIRP < 1W			Result									Pass	



MIMO <Ant. 7+5>

NR n77 Maximum Average Power [dBm], DG = -0.43 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	23.35	22.57	22.86	23.36	23.41	24.01	26.37	26.02	26.48	26.05	0.4027
10	1	22		22.94	22.45	22.82	23.15	23.27	23.92	26.06	25.89	26.42		
10	12	6		23.03	22.49	22.89	23.16	23.35	23.93	26.11	25.95	26.45		
10	1	0		19.75	19.08	19.35	19.86	19.92	20.41	22.82	22.53	22.92		
10	1	23		19.41	18.92	19.33	16.63	19.72	20.34	21.25	22.35	22.87		
10	24	0		20.03	19.45	19.81	20.16	20.32	20.87	23.11	22.92	23.38		
10	1	1	16-QAM	22.72	21.92	22.25	22.83	22.96	23.20	25.79	25.48	25.76	25.36	0.3436
10	1	1	64-QAM	21.15	20.56	20.86	21.27	21.45	21.95	24.22	24.04	24.45		
10	1	1	256-QAM	16.53	15.98	16.35	16.68	16.98	17.42	19.62	19.52	19.93		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -0.43 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	22.33	22.70	23.12	23.22	23.76	26.06	25.81	26.27	25.84	0.3837
15	1	36		22.70	22.17	22.60	22.92	23.11	23.69	25.82	25.68	26.19		
15	19	9		22.81	22.41	22.70	22.93	23.19	23.71	25.88	25.83	26.24		
15	1	0		19.53	18.85	19.01	19.63	19.67	20.13	22.59	22.29	22.62		
15	1	37		19.22	18.64	19.00	19.44	19.56	20.14	22.34	22.13	22.62		
15	38	0		19.79	19.19	19.63	19.93	20.03	20.69	22.87	22.64	23.20		
15	1	1	16-QAM	22.54	21.75	22.15	22.55	22.81	23.34	25.56	25.32	25.80	25.37	0.3443
15	1	1	64-QAM	21.04	20.35	20.49	21.01	21.25	21.69	24.04	23.83	24.14		
15	1	1	256-QAM	16.41	15.73	16.08	16.56	16.67	17.18	19.50	19.24	19.68		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -0.43 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	23.00	22.32	22.49	23.17	23.19	23.57	26.10	25.79	26.07	25.80	0.3802
20	1	49		22.79	22.17	22.51	22.97	23.07	23.63	25.89	25.65	26.12		
20	25	12		22.86	22.37	22.70	22.97	23.20	23.69	25.93	25.82	26.23		
20	1	0		19.51	18.78	18.94	19.62	19.68	20.01	22.58	22.26	22.52		
20	1	50		19.16	18.83	18.94	19.42	19.77	20.08	22.30	22.34	22.56		
20	51	0		19.77	19.17	19.62	19.94	20.02	20.66	22.87	22.63	23.18		
20	1	1	16-QAM	22.42	21.87	21.96	22.61	22.71	23.11	25.53	25.32	25.58	25.15	0.3273
20	1	1	64-QAM	20.94	20.32	20.36	21.04	21.20	21.52	24.00	23.79	23.99		
20	1	1	256-QAM	16.43	15.67	15.88	16.63	16.57	16.98	19.54	19.15	19.48		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -0.43 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	23.01	22.46	22.32	23.20	23.30	23.35	26.12	25.91	25.88	25.74	0.375
25	1	63		22.62	22.37	22.52	22.89	23.27	23.56	25.77	25.85	26.08		
25	33	16		22.82	22.26	22.63	23.02	23.08	23.64	25.93	25.70	26.17		
25	1	0		19.55	18.96	18.82	19.71	19.78	19.83	22.64	22.40	22.36		
25	1	64		19.13	18.84	18.93	19.40	19.69	20.02	22.28	22.30	22.52		
25	65	0		19.80	19.18	19.56	20.00	20.03	20.60	22.91	22.64	23.12		
25	1	1	16-QAM	22.58	21.98	21.65	22.61	22.87	22.90	25.61	25.46	25.33	25.18	0.3296
25	1	1	64-QAM	21.02	20.26	20.14	21.08	21.22	21.20	24.06	23.78	23.71		
25	1	1	256-QAM	16.51	15.92	15.69	16.69	16.74	16.82	19.61	19.36	19.30		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -0.43 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		
30	1	1	QPSK	22.98	22.50	22.45	23.09	23.33	23.47	26.05	25.95	26.00	25.75	0.3758
30	1	76		22.57	22.35	22.53	22.91	23.26	23.62	25.75	25.84	26.12		
30	39	19		22.74	22.41	22.64	22.93	23.25	23.64	25.85	25.86	26.18		
30	1	0		19.50	18.96	18.91	19.55	19.88	19.93	22.54	22.45	22.46		
30	1	77		19.09	18.84	19.01	19.33	19.71	20.06	22.22	22.31	22.58		
30	78	0		19.70	19.15	19.57	19.93	20.05	20.59	22.83	22.63	23.12		
30	1	1	16-QAM	22.39	21.95	22.03	22.63	22.90	22.83	25.52	25.46	25.46	25.09	0.3228
30	1	1	64-QAM	20.82	20.63	20.44	20.99	21.37	21.37	23.92	24.03	23.94		
30	1	1	256-QAM	16.42	15.88	15.83	16.58	16.84	16.86	19.51	19.40	19.39		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -0.43 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		
40	1	1	QPSK	23.03	22.58	22.67	23.17	23.37	23.57	26.11	26.00	26.15	25.72	0.3733
40	1	104		22.58	22.42	22.45	22.95	23.31	23.53	25.78	25.90	26.03		
40	53	26		22.81	22.42	22.53	23.07	23.26	23.48	25.95	25.87	26.04		
40	1	0		19.57	19.08	19.17	19.64	19.88	20.02	22.62	22.51	22.63		
40	1	105		19.03	18.82	18.89	19.41	19.79	19.98	22.23	22.34	22.48		
40	106	0		19.77	19.21	19.47	20.02	20.05	20.42	22.91	22.66	22.98		
40	1	1	16-QAM	22.49	21.99	22.14	22.69	22.92	23.17	25.60	25.49	25.70	25.27	0.3365
40	1	1	64-QAM	20.99	20.57	20.78	21.25	21.45	21.33	24.13	24.04	24.07		
40	1	1	256-QAM	16.43	15.93	16.06	16.65	16.86	17.04	19.55	19.43	19.59		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -0.43 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		
50	1	1	QPSK	22.99	22.57	22.95	23.13	23.42	23.83	26.07	26.03	26.42	25.99	0.3972
50	1	131		22.58	22.30	22.46	23.04	23.27	23.51	25.83	25.82	26.03		
50	67	33		22.72	22.24	22.47	22.98	23.08	23.37	25.86	25.69	25.95		
50	1	0		19.50	19.07	19.47	19.60	19.88	20.30	22.56	22.50	22.92		
50	1	132		19.07	18.79	18.91	19.53	19.73	19.98	22.32	22.30	22.49		
50	133	0		19.65	19.19	19.36	19.92	20.05	20.27	22.80	22.65	22.85		
50	1	1	16-QAM	22.48	22.16	22.40	22.73	22.90	23.36	25.62	25.56	25.92	25.49	0.354
50	1	1	64-QAM	21.00	20.50	20.85	21.12	21.42	21.77	24.07	23.99	24.34		
50	1	1	256-QAM	16.40	16.02	16.40	16.56	16.83	17.20	19.49	19.45	19.83		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -0.43 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		
60	1	1	QPSK	23.12	22.70	22.91	23.20	23.50	23.61	26.17	26.13	26.28	25.85	0.3846
60	1	160		22.41	22.21	22.44	22.88	23.16	23.42	25.66	25.72	25.97		
60	81	40		22.80	22.40	22.41	23.10	23.25	23.26	25.96	25.86	25.87		
60	1	0		19.62	19.22	19.41	19.69	20.01	20.09	22.67	22.64	22.77		
60	1	161		19.04	18.66	18.88	19.50	19.63	19.87	22.29	22.18	22.41		
60	162	0		19.71	19.19	19.31	20.01	20.03	20.18	22.87	22.64	22.78		
60	1	1	16-QAM	22.52	22.24	22.44	22.62	23.10	23.19	25.58	25.70	25.84	25.41	0.3475
60	1	1	64-QAM	21.14	20.67	20.88	21.25	21.62	21.57	24.21	24.18	24.25		
60	1	1	256-QAM	16.51	16.17	16.30	16.71	16.91	17.03	19.62	19.57	19.69		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -0.43 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		
70	1	1	QPSK	23.08	22.76	22.78	23.16	23.52	23.42	26.13	26.17	26.12	25.74	0.375
70	1	187		22.15	22.21	22.36	22.76	23.09	23.49	25.48	25.68	25.97		
70	95	47		22.71	22.26	22.55	23.06	23.09	23.39	25.90	25.71	26.00		
70	1	0		19.57	19.37	19.28	19.68	20.07	19.89	22.64	22.74	22.61		
70	1	188		18.63	18.65	18.79	19.23	19.61	19.91	21.95	22.17	22.40		
70	189	0		19.64	19.20	19.49	20.00	20.02	20.33	22.83	22.64	22.94		
70	1	1	16-QAM	22.58	22.17	22.14	22.72	23.10	22.92	25.66	25.67	25.56	25.24	0.3342
70	1	1	64-QAM	20.98	20.74	20.71	21.10	21.45	21.50	24.05	24.12	24.13		
70	1	1	256-QAM	16.54	16.21	16.30	16.62	16.95	16.82	19.59	19.61	19.58		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -0.43 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		
80	1	1	QPSK	23.09	22.65	22.99	23.23	23.41	23.52	26.17	26.06	26.27	25.84	0.3837
80	1	215		22.23	22.01	22.42	22.84	22.91	23.39	25.56	25.49	25.94		
80	109	54		22.74	22.28	22.71	23.14	23.09	23.49	25.95	25.71	26.13		
80	1	0		19.64	19.24	19.43	19.84	19.94	20.11	22.75	22.61	22.79		
80	1	216		18.69	18.47	18.77	19.42	19.47	19.93	22.08	22.01	22.40		
80	217	0		19.69	19.19	19.61	20.06	20.02	20.40	22.89	22.64	23.03		
80	1	1	16-QAM	22.41	22.14	22.43	22.63	22.84	23.00	25.53	25.51	25.73	25.30	0.3388
80	1	1	64-QAM	21.15	20.58	20.92	21.32	21.35	21.57	24.25	23.99	24.27		
80	1	1	256-QAM	16.69	16.07	16.33	16.74	16.92	17.12	19.73	19.53	19.75		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -0.43 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		
90	1	1	QPSK	23.25	22.75	23.10	23.21	23.45	23.70	26.24	26.12	26.42	25.99	0.3972
90	1	243		22.36	21.99	22.27	22.96	22.91	23.22	25.68	25.48	25.78		
90	123	61		22.80	22.25	22.88	23.20	23.06	23.64	26.01	25.68	26.29		
90	1	0		19.73	19.26	19.53	19.81	20.05	20.23	22.78	22.68	22.90		
90	1	244		18.89	18.41	18.67	19.52	19.52	19.74	22.23	22.01	22.25		
90	245	0		19.77	19.22	19.78	20.13	20.01	20.56	22.96	22.64	23.20		
90	1	1	16-QAM	22.61	22.10	22.50	22.82	22.89	23.22	25.73	25.52	25.89	25.46	0.3516
90	1	1	64-QAM	21.24	20.67	21.12	21.15	21.38	21.60	24.21	24.05	24.38		
90	1	1	256-QAM	16.65	16.25	16.64	16.85	16.88	17.13	19.76	19.59	19.90		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -0.43 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		
100	1	1	QPSK	23.54	23.06	23.21	23.37	23.51	23.49	26.47	26.30	26.36	26.04	0.4018
100	1	271		22.31	22.13	22.35	22.90	22.99	23.32	25.63	25.59	25.87		
100	137	68		22.66	22.26	22.86	23.11	23.08	23.61	25.90	25.70	26.26		
100	1	0		19.78	19.39	19.43	19.89	20.04	20.07	22.85	22.74	22.77		
100	1	272		18.63	18.56	18.61	19.37	19.50	19.84	22.03	22.07	22.28		
100	273	0		19.58	19.21	19.72	20.03	20.04	20.56	22.82	22.66	23.17		
100	1	1	16-QAM	22.69	22.55	22.70	22.98	23.31	22.97	25.85	25.96	25.85	25.53	0.3573
100	1	1	64-QAM	21.39	20.79	21.03	21.25	21.63	21.28	24.33	24.24	24.17		
100	1	1	256-QAM	16.66	16.50	16.47	17.02	17.03	17.24	19.85	19.78	19.88		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -0.43 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	20.78	20.69	20.62	20.88	21.22	21.09	23.84	23.97	23.87	23.54	0.2259
10	1	22		20.56	20.52	20.35	20.75	20.94	21.00	23.67	23.75	23.70		
10	12	6		20.58	20.44	20.33	20.81	21.02	21.06	23.71	23.75	23.72		
10	1	0		18.77	18.71	18.46	18.88	19.08	19.11	21.84	21.91	21.81		
10	1	23		18.52	18.48	18.29	18.74	18.98	19.01	21.64	21.75	21.68		
10	24	0		19.08	19.09	18.89	19.30	19.55	19.53	22.20	22.34	22.23		
10	1	1	16-QAM	20.16	20.09	19.91	20.59	20.67	20.73	23.39	23.40	23.35	22.97	0.1982
10	1	1	64-QAM	18.92	18.63	18.46	19.10	19.23	19.09	22.02	21.95	21.80		
10	1	1	256-QAM	15.68	15.55	15.28	15.83	16.10	16.17	18.77	18.84	18.76		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -0.43 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	20.80	20.71	20.52	21.00	21.20	21.32	23.91	23.97	23.95	23.54	0.2259
15	1	36		20.47	20.41	20.28	20.84	21.00	21.14	23.67	23.73	23.74		
15	19	9		20.65	20.69	20.57	20.84	21.15	21.26	23.76	23.94	23.94		
15	1	0		18.80	18.71	18.50	18.95	19.14	19.23	21.89	21.94	21.89		
15	1	37		18.51	18.44	18.32	18.77	19.00	19.14	21.65	21.74	21.76		
15	38	0		19.12	19.01	19.05	19.32	19.51	19.79	22.23	22.28	22.45		
15	1	1	16-QAM	20.22	20.19	20.07	20.63	20.67	20.78	23.44	23.45	23.45	23.02	0.2004
15	1	1	64-QAM	18.99	18.58	18.53	18.87	19.28	19.29	21.94	21.95	21.94		
15	1	1	256-QAM	15.81	15.30	15.45	15.96	16.08	16.30	18.90	18.72	18.91		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -0.43 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	20.80	20.70	20.46	21.06	21.16	21.21	23.94	23.95	23.86	23.54	0.2259
20	1	49		20.53	20.46	20.32	20.87	20.96	21.09	23.71	23.73	23.73		
20	25	12		20.69	20.70	20.56	20.89	21.21	21.25	23.80	23.97	23.93		
20	1	0		18.90	18.75	18.44	18.93	19.13	19.18	21.93	21.95	21.84		
20	1	50		18.50	18.58	18.27	18.84	19.06	19.04	21.68	21.84	21.68		
20	51	0		19.14	18.97	19.01	19.36	19.49	19.73	22.26	22.25	22.40		
20	1	1	16-QAM	20.31	20.32	19.86	20.62	20.72	20.80	23.48	23.53	23.37	23.10	0.2042
20	1	1	64-QAM	18.60	18.74	18.64	19.11	19.30	19.11	21.87	22.04	21.89		
20	1	1	256-QAM	15.76	15.58	15.28	16.08	16.16	16.25	18.93	18.89	18.80		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -0.43 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	20.84	20.63	20.20	21.11	21.10	20.98	23.99	23.88	23.62	23.56	0.227
25	1	63		20.46	20.58	20.15	20.80	21.12	21.00	23.64	23.87	23.61		
25	33	16		20.69	20.50	20.51	20.92	21.01	21.22	23.82	23.77	23.89		
25	1	0		18.87	18.67	18.34	19.05	19.10	19.06	21.97	21.90	21.73		
25	1	64		18.46	18.53	18.23	18.75	19.09	19.01	21.62	21.83	21.65		
25	65	0		19.16	19.00	19.00	19.41	19.49	19.66	22.30	22.26	22.35		
25	1	1	16-QAM	20.28	20.17	19.86	20.77	20.55	20.59	23.54	23.37	23.25	23.11	0.2046
25	1	1	64-QAM	19.01	18.65	18.28	19.03	19.13	18.96	22.03	21.91	21.64		
25	1	1	256-QAM	15.87	15.47	15.20	15.99	15.96	16.02	18.94	18.73	18.64		
Limit	EIRP < 1W			Result										



NR n78 Maximum Average Power [dBm], DG = -0.43 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		
30	1	1	QPSK	20.82	20.69	20.37	21.04	21.11	21.22	23.94	23.92	23.83	23.56	0.227
30	1	76		20.36	20.51	20.30	20.83	21.06	21.16	23.61	23.80	23.76		
30	39	19		20.56	20.72	20.55	20.89	21.23	21.28	23.74	23.99	23.94		
30	1	0		18.81	18.73	18.43	18.95	19.07	19.20	21.89	21.91	21.84		
30	1	77		18.37	18.56	18.29	18.81	19.04	19.12	21.61	21.82	21.74		
30	78	0		19.05	18.98	19.03	19.33	19.45	19.72	22.20	22.23	22.40		
30	1	1	16-QAM	20.35	20.12	19.98	20.54	20.61	20.61	23.46	23.38	23.32	23.03	0.2009
30	1	1	64-QAM	18.80	18.65	18.42	19.01	19.09	19.25	21.92	21.89	21.87		
30	1	1	256-QAM	15.75	15.70	15.32	15.81	16.01	15.96	18.79	18.87	18.66		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -0.43 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		
40	1	1	QPSK	20.86	20.73	20.70	21.09	21.11	21.33	23.99	23.93	24.04	23.61	0.2296
40	1	104		20.38	20.06	20.28	20.85	20.76	21.06	23.63	23.43	23.70		
40	53	26		20.62	20.67	20.50	20.98	21.22	21.16	23.81	23.96	23.85		
40	1	0		18.88	18.54	18.77	19.04	19.05	19.35	21.97	21.81	22.08		
40	1	105		18.27	18.11	18.24	18.82	18.89	18.99	21.56	21.53	21.64		
40	106	0		19.10	18.99	18.95	19.43	19.48	19.67	22.28	22.25	22.34		
40	1	1	16-QAM	20.30	19.96	20.44	20.68	20.79	20.71	23.50	23.41	23.59	23.16	0.207
40	1	1	64-QAM	18.52	18.58	18.78	18.96	18.93	19.15	21.76	21.77	21.98		
40	1	1	256-QAM	15.86	15.47	15.84	16.17	16.15	16.21	19.03	18.83	19.04		
Limit	EIRP < 1W			Result										



NR n78 Maximum Average Power [dBm], DG = -0.43 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		
50	1	1	QPSK	20.91	20.59	20.61	21.08	21.05	21.28	24.01	23.84	23.97	23.58	0.228
50	1	131		20.35	20.12	20.21	20.95	20.82	20.95	23.67	23.49	23.61		
50	67	33		20.47	20.52	20.44	20.93	21.00	21.04	23.72	23.78	23.76		
50	1	0		18.84	18.75	18.66	19.06	19.09	19.25	21.96	21.93	21.98		
50	1	132		18.44	18.11	18.19	18.96	18.73	18.98	21.72	21.44	21.61		
50	133	0		19.01	19.02	18.90	19.37	19.49	19.55	22.20	22.27	22.25		
50	1	1	16-QAM	20.19	20.10	20.04	20.59	20.59	20.86	23.40	23.36	23.48	23.05	0.2018
50	1	1	64-QAM	18.71	18.59	18.72	18.92	19.01	19.05	21.83	21.82	21.90		
50	1	1	256-QAM	15.70	15.82	15.60	16.22	16.17	16.02	18.98	19.01	18.83		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -0.43 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		
60	1	1	QPSK	20.99	20.71	20.68	21.07	21.07	21.24	24.04	23.90	23.98	23.61	0.2296
60	1	160		20.23	20.20	20.13	20.75	20.90	20.88	23.51	23.57	23.53		
60	81	40		20.60	20.71	20.32	21.00	21.15	20.91	23.81	23.95	23.64		
60	1	0		18.90	18.72	18.83	19.10	19.07	19.40	22.01	21.91	22.13		
60	1	161		18.35	18.24	18.10	18.88	18.86	18.83	21.63	21.57	21.49		
60	162	0		18.98	18.91	18.79	19.43	19.46	19.38	22.22	22.20	22.11		
60	1	1	16-QAM	20.10	20.20	20.48	20.78	20.82	20.86	23.46	23.53	23.68	23.25	0.2113
60	1	1	64-QAM	18.72	18.64	18.85	19.11	18.96	19.11	21.93	21.81	21.99		
60	1	1	256-QAM	15.98	15.76	15.90	15.88	16.19	16.42	18.94	18.99	19.18		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -0.43 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		
70	1	1	QPSK	20.86	20.62	20.59	21.01	21.14	21.08	23.95	23.90	23.85	23.52	0.2249
70	1	187		20.02	20.20	20.21	20.61	20.90	20.96	23.34	23.57	23.61		
70	95	47		20.57	20.47	20.46	21.07	21.00	21.11	23.84	23.75	23.81		
70	1	0		18.76	18.65	18.60	18.97	19.06	19.15	21.88	21.87	21.89		
70	1	188		17.93	18.24	18.14	18.57	18.82	19.00	21.27	21.55	21.60		
70	189	0		19.01	18.96	18.94	19.42	19.44	19.53	22.23	22.22	22.26		
70	1	1	16-QAM	20.25	20.26	20.24	20.57	20.69	20.74	23.42	23.49	23.51	23.08	0.2032
70	1	1	64-QAM	19.02	18.95	18.73	19.43	19.40	18.92	22.24	22.19	21.84		
70	1	1	256-QAM	16.13	15.85	15.61	16.27	15.92	15.63	19.21	18.90	18.63		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -0.43 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		
80	1	1	QPSK	20.98	20.66	20.74	21.22	21.10	21.15	24.11	23.90	23.96	23.68	0.2333
80	1	215		20.14	20.17	20.13	20.81	21.04	20.91	23.50	23.64	23.55		
80	109	54		20.61	20.55	20.61	20.98	21.05	21.24	23.81	23.82	23.95		
80	1	0		19.05	18.70	18.74	19.18	19.03	19.28	22.13	21.88	22.03		
80	1	216		18.06	18.13	18.27	18.90	18.97	18.94	21.51	21.58	21.63		
80	217	0		19.04	18.95	19.06	19.40	19.42	19.73	22.23	22.20	22.42		
80	1	1	16-QAM	20.32	20.21	20.22	20.75	20.56	20.55	23.55	23.40	23.40	23.12	0.2051
80	1	1	64-QAM	18.43	18.99	19.14	19.34	19.14	19.28	21.92	22.08	22.22		
80	1	1	256-QAM	15.67	16.07	15.67	15.76	16.27	15.94	18.73	19.18	18.82		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -0.43 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		
90	1	1	QPSK	20.99	20.65	20.76	21.10	21.06	21.18	24.06	23.87	23.99	23.63	0.2307
90	1	243		20.21	20.17	20.07	20.84	20.83	20.76	23.55	23.52	23.44		
90	123	61		20.64	20.48	20.58	21.05	21.00	21.07	23.86	23.76	23.84		
90	1	0		18.92	18.92	18.89	19.10	19.00	19.13	22.02	21.97	22.02		
90	1	244		18.11	18.06	18.17	18.88	18.86	18.76	21.52	21.49	21.49		
90	245	0		19.08	18.98	18.98	19.52	19.47	19.58	22.32	22.24	22.30		
90	1	1	16-QAM	20.75	20.87	20.46	20.94	20.93	20.59	23.86	23.91	23.54	23.48	0.2228
90	1	1	64-QAM	19.16	18.80	18.80	19.18	19.13	19.39	22.18	21.98	22.12		
90	1	1	256-QAM	16.13	16.19	15.82	16.37	16.18	15.89	19.26	19.20	18.87		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -0.43 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		
100	1	1	QPSK	-	21.13	-	-	21.31	-	-	24.23	-	23.80	0.2399
100	1	271		-	20.07	-	-	20.95	-	-	23.54	-		
100	137	68		-	20.57	-	-	21.00	-	-	23.80	-		
100	1	0		-	19.21	-	-	19.32	-	-	22.28	-		
100	1	272		-	18.12	-	-	18.85	-	-	21.51	-		
100	273	0		-	19.03	-	-	19.49	-	-	22.28	-		
100	1	1	16-QAM	-	20.80	-	-	20.97	-	-	23.90	-	23.47	0.2223
100	1	1	64-QAM	-	19.37	-	-	19.30	-	-	22.35	-		
100	1	1	256-QAM	-	16.45	-	-	16.60	-	-	19.54	-		
Limit	EIRP < 1W			Result									Pass	



MIMO <Ant. 6+5>

NR n77 Maximum Average Power [dBm], DG = -0.57 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	23.89	23.98	24.02	23.34	23.47	23.92	26.63	26.74	26.98	26.42	0.4385
10	1	22		23.91	24.06	23.96	23.26	23.32	23.89	26.61	26.72	26.94		
10	12	6		23.97	24.08	24.09	23.16	23.32	23.86	26.59	26.73	26.99		
10	1	0		20.43	20.54	20.51	19.94	19.95	20.39	23.20	23.27	23.46		
10	1	23		20.38	20.51	20.40	19.75	19.77	20.31	23.09	23.17	23.37		
10	24	0		20.94	21.01	21.07	20.15	20.32	20.87	23.57	23.69	23.98		
10	1	1	16-QAM	23.33	23.41	23.56	22.77	23.01	23.35	26.07	26.22	26.47	25.9	0.389
10	1	1	64-QAM	21.89	21.95	22.07	21.28	21.41	22.02	24.61	24.70	25.06		
10	1	1	256-QAM	17.42	17.36	17.45	16.83	16.95	17.38	20.15	20.17	20.43		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -0.57 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	23.96	24.02	24.14	23.39	23.47	24.02	26.69	26.76	27.09	26.52	0.4487
15	1	36		23.85	24.09	24.01	23.17	23.35	23.94	26.53	26.75	26.99		
15	19	9		24.02	24.09	24.17	23.21	23.45	23.95	26.64	26.79	27.07		
15	1	0		20.48	20.52	20.74	19.84	19.95	20.35	23.18	23.25	23.56		
15	1	37		20.35	20.56	20.54	19.67	19.85	20.39	23.03	23.23	23.48		
15	38	0		20.95	21.04	21.13	20.18	20.29	20.94	23.59	23.69	24.05		
15	1	1	16-QAM	23.39	23.56	23.54	22.92	22.98	23.49	26.17	26.29	26.53	25.96	0.3945
15	1	1	64-QAM	21.94	21.94	22.10	21.35	21.45	21.92	24.67	24.71	25.02		
15	1	1	256-QAM	17.36	17.45	17.52	16.92	16.95	17.45	20.16	20.22	20.50		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -0.57 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	21.01	23.99	24.26	20.24	23.46	23.77	23.65	26.74	27.03	26.47	0.4436
20	1	49		23.98	24.18	24.06	23.25	23.45	23.85	26.64	26.84	26.97		
20	25	12		24.06	24.07	24.14	23.26	23.46	23.92	26.69	26.79	27.04		
20	1	0		20.62	20.50	20.80	19.91	19.99	20.26	23.29	23.26	23.55		
20	1	50		20.44	20.65	20.48	19.72	20.07	20.31	23.11	23.38	23.41		
20	51	0		21.02	21.03	21.09	20.24	20.31	20.90	23.66	23.70	24.01		
20	1	1	16-QAM	21.02	23.30	23.65	20.25	22.81	23.38	23.66	26.07	26.53	25.96	0.3945
20	1	1	64-QAM	20.51	21.98	22.17	19.74	21.39	21.75	23.15	24.71	24.98		
20	1	1	256-QAM	17.45	17.46	17.62	16.68	16.98	17.32	20.09	20.24	20.48		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -0.57 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	24.08	23.97	24.01	23.51	23.56	23.65	26.81	26.78	26.84	26.42	0.4385
25	1	63		23.75	24.09	23.95	23.20	23.54	23.79	26.49	26.83	26.88		
25	33	16		24.04	24.08	24.08	23.31	23.32	23.88	26.70	26.73	26.99		
25	1	0		20.58	20.52	20.43	19.99	20.04	20.11	23.31	23.30	23.28		
25	1	64		20.24	20.56	20.46	19.71	19.98	20.32	22.99	23.29	23.40		
25	65	0		20.99	21.03	21.07	20.29	20.29	20.86	23.66	23.69	23.98		
25	1	1	16-QAM	23.42	23.58	23.41	23.01	23.12	23.10	26.23	26.37	26.27	25.8	0.3802
25	1	1	64-QAM	22.08	21.98	21.83	21.45	21.65	21.66	24.79	24.83	24.76		
25	1	1	256-QAM	17.52	17.52	17.45	16.88	16.95	17.04	20.22	20.25	20.26		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -0.57 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		
30	1	1	QPSK	23.95	24.03	24.01	23.35	23.54	23.69	26.67	26.80	26.86	26.54	0.4508
30	1	76		23.65	24.04	23.96	23.17	23.49	23.87	26.43	26.78	26.93		
30	39	19		23.91	24.09	24.32	23.21	23.49	23.86	26.58	26.81	27.11		
30	1	0		20.43	20.52	20.52	19.84	20.09	20.18	23.16	23.32	23.36		
30	1	77		20.14	20.55	20.47	19.65	19.98	20.34	22.91	23.28	23.42		
30	78	0		20.86	21.04	21.27	20.17	20.32	20.84	23.54	23.71	24.07		
30	1	1	16-QAM	23.42	23.49	23.55	22.92	23.14	23.32	26.19	26.33	26.45	25.88	0.3873
30	1	1	64-QAM	21.93	21.98	21.98	21.45	21.69	21.72	24.71	24.85	24.86		
30	1	1	256-QAM	17.33	17.54	17.44	16.81	16.99	17.10	20.09	20.28	20.28		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -0.57 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		
40	1	1	QPSK	24.02	24.21	24.19	23.45	23.65	23.78	26.75	26.95	27.00	26.43	0.4395
40	1	104		23.92	24.19	23.94	23.26	23.54	23.81	26.61	26.89	26.89		
40	53	26		23.98	24.07	24.27	23.32	23.49	23.68	26.67	26.80	27.00		
40	1	0		20.53	20.71	20.68	19.91	20.10	20.27	23.24	23.43	23.49		
40	1	105		20.36	20.64	20.38	19.73	20.01	20.28	23.07	23.35	23.34		
40	106	0		20.92	21.03	21.23	20.28	20.27	20.75	23.62	23.68	24.01		
40	1	1	16-QAM	23.55	23.65	23.55	22.85	23.18	23.49	26.22	26.43	26.53	25.96	0.3945
40	1	1	64-QAM	22.06	22.14	22.12	21.54	21.65	21.85	24.82	24.91	25.00		
40	1	1	256-QAM	17.54	17.69	17.64	16.93	17.05	17.35	20.26	20.39	20.51		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -0.57 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		
50	1	1	QPSK	24.02	24.19	24.31	23.41	23.56	24.04	26.74	26.90	27.19	26.62	0.4592
50	1	131		23.76	24.09	23.90	23.30	23.42	23.73	26.55	26.78	26.83		
50	67	33		23.76	24.05	24.07	23.25	23.31	23.59	26.52	26.71	26.85		
50	1	0		20.55	20.74	20.83	19.91	20.09	20.55	23.25	23.44	23.70		
50	1	132		20.28	20.62	20.45	19.84	19.97	20.26	23.08	23.32	23.37		
50	133	0		20.67	21.02	20.99	20.21	20.28	20.53	23.46	23.68	23.78		
50	1	1	16-QAM	23.42	23.78	23.80	22.92	23.02	23.48	26.19	26.43	26.65	26.08	0.4055
50	1	1	64-QAM	21.94	22.17	22.24	21.42	21.54	22.05	24.70	24.88	25.16		
50	1	1	256-QAM	17.45	17.72	17.65	16.85	17.04	17.49	20.17	20.40	20.58		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -0.57 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		
60	1	1	QPSK	24.10	24.06	24.42	23.54	23.77	23.85	26.84	26.93	27.15	26.58	0.455
60	1	160		23.76	23.95	23.88	23.18	23.44	23.68	26.49	26.71	26.79		
60	81	40		23.84	24.06	23.98	23.36	23.54	23.47	26.62	26.82	26.74		
60	1	0		20.65	20.62	21.02	20.01	20.30	20.35	23.35	23.47	23.71		
60	1	161		20.29	20.45	20.36	19.86	19.92	20.18	23.09	23.20	23.28		
60	162	0		20.81	21.05	20.92	20.32	20.29	20.43	23.58	23.70	23.69		
60	1	1	16-QAM	23.54	23.42	23.87	23.06	22.84	23.43	26.32	26.15	26.67	26.1	0.4074
60	1	1	64-QAM	22.09	21.70	22.36	21.53	21.41	21.98	24.83	24.57	25.18		
60	1	1	256-QAM	17.46	17.36	17.76	16.96	16.85	17.45	20.23	20.12	20.62		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -0.57 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		
70	1	1	QPSK	24.03	24.14	24.38	23.47	23.75	23.65	26.77	26.96	27.04	26.47	0.4436
70	1	187		23.51	23.89	23.78	23.07	23.37	23.68	26.31	26.65	26.74		
70	95	47		24.01	24.06	24.08	23.33	23.30	23.66	26.69	26.71	26.89		
70	1	0		20.62	20.66	20.82	20.01	20.35	20.22	23.34	23.52	23.54		
70	1	188		20.02	20.41	20.33	19.55	19.89	20.18	22.80	23.17	23.27		
70	189	0		20.96	21.06	21.02	20.28	20.28	20.61	23.64	23.70	23.83		
70	1	1	16-QAM	23.48	23.68	23.85	22.93	23.24	23.25	26.22	26.48	26.57	26	0.3981
70	1	1	64-QAM	22.01	22.13	22.29	21.48	21.86	21.65	24.76	25.01	24.99		
70	1	1	256-QAM	17.62	17.68	17.95	16.93	17.20	17.12	20.30	20.46	20.57		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -0.57 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		
80	1	1	QPSK	24.15	24.08	24.38	23.53	23.58	23.76	26.86	26.85	27.09	26.52	0.4487
80	1	215		23.64	23.95	23.79	23.11	23.16	20.60	26.39	26.58	25.49		
80	109	54		24.06	24.08	24.12	23.37	23.35	23.70	26.74	26.74	26.93		
80	1	0		20.65	20.67	20.91	20.10	20.17	20.32	23.39	23.44	23.64		
80	1	216		20.13	20.45	20.24	19.72	19.73	20.19	22.94	23.12	23.23		
80	217	0		21.03	21.02	21.08	20.35	20.25	20.67	23.71	23.66	23.89		
80	1	1	16-QAM	23.46	23.52	23.98	22.86	23.19	23.34	26.18	26.37	26.68	26.11	0.4083
80	1	1	64-QAM	22.13	22.12	22.45	21.56	21.62	21.84	24.86	24.89	25.17		
80	1	1	256-QAM	17.52	17.62	18.02	17.01	17.16	17.26	20.28	20.41	20.67		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -0.57 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		
90	1	1	QPSK	24.16	24.05	24.18	23.52	23.65	23.91	26.86	26.86	27.06	26.49	0.4457
90	1	243		23.50	23.97	23.69	23.31	23.13	23.46	26.42	26.58	26.59		
90	123	61		23.94	24.04	24.12	23.45	23.28	23.89	26.71	26.69	27.02		
90	1	0		20.38	20.70	20.73	20.09	20.23	20.53	23.25	23.48	23.64		
90	1	244		20.06	20.44	20.16	19.85	19.68	20.05	22.97	23.09	23.12		
90	245	0		20.91	21.05	21.15	20.41	20.28	20.82	23.68	23.69	24.00		
90	1	1	16-QAM	23.62	23.53	23.65	23.02	23.21	23.43	26.34	26.38	26.55	25.98	0.3963
90	1	1	64-QAM	22.22	22.06	22.15	21.58	21.64	21.99	24.92	24.87	25.08		
90	1	1	256-QAM	17.64	17.61	17.82	17.06	17.25	17.50	20.37	20.44	20.67		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -0.57 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		
100	1	1	QPSK	24.38	24.22	24.65	23.71	23.85	23.81	27.07	27.05	27.26	26.69	0.4667
100	1	271		23.67	23.66	23.72	23.13	23.28	23.59	26.42	26.48	26.67		
100	137	68		24.09	24.06	24.14	23.35	23.29	23.81	26.75	26.70	26.99		
100	1	0		20.76	20.65	21.04	20.19	20.38	20.39	23.49	23.53	23.74		
100	1	272		20.12	20.12	20.17	19.75	19.78	20.19	22.95	22.96	23.19		
100	273	0		21.04	21.05	21.08	20.29	20.27	20.81	23.69	23.69	23.96		
100	1	1	16-QAM	23.84	23.69	24.02	23.21	23.45	23.26	26.55	26.58	26.67	26.1	0.4074
100	1	1	64-QAM	22.16	21.95	22.42	21.64	21.82	21.87	24.92	24.90	25.16		
100	1	1	256-QAM	17.65	17.69	18.02	17.28	17.35	17.47	20.48	20.53	20.76		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -0.57 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	21.47	21.62	21.30	21.00	21.23	21.14	24.25	24.44	24.23	23.87	0.2438
10	1	22		21.46	21.70	21.47	20.96	21.07	21.07	24.23	24.41	24.28		
10	12	6		21.59	21.69	21.57	20.79	20.99	21.08	24.22	24.36	24.34		
10	1	0		19.56	19.69	19.35	18.90	19.10	19.15	22.25	22.42	22.26		
10	1	23		19.51	19.64	19.35	18.73	19.00	19.04	22.15	22.34	22.21		
10	24	0		20.01	20.21	20.03	19.29	19.43	19.53	22.68	22.85	22.80		
10	1	1	16-QAM	21.13	21.46	20.91	20.56	20.86	20.77	23.86	24.18	23.85	23.61	0.2296
10	1	1	64-QAM	19.95	19.49	19.02	18.93	19.19	19.09	22.48	22.35	22.07		
10	1	1	256-QAM	16.39	16.61	16.28	15.93	16.23	16.12	19.18	19.43	19.21		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -0.57 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	21.49	21.66	21.50	20.99	21.17	21.37	24.26	24.43	24.45	23.88	0.2443
15	1	36		21.47	21.62	21.58	20.82	21.09	21.21	24.17	24.37	24.41		
15	19	9		21.60	21.64	21.55	20.86	21.19	21.31	24.26	24.43	24.44		
15	1	0		19.55	19.53	19.64	18.95	19.09	19.27	22.27	22.33	22.47		
15	1	37		19.46	19.57	19.54	18.84	19.18	19.15	22.17	22.39	22.36		
15	38	0		20.05	20.14	20.03	19.34	19.52	19.77	22.72	22.85	22.91		
15	1	1	16-QAM	21.17	21.18	21.06	20.52	20.74	20.91	23.87	23.98	24.00	23.43	0.2203
15	1	1	64-QAM	19.53	19.57	19.53	19.15	19.30	19.32	22.35	22.45	22.44		
15	1	1	256-QAM	16.54	16.54	16.49	16.03	16.03	16.38	19.30	19.30	19.45		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -0.57 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	21.60	21.57	21.55	21.02	21.02	21.22	24.33	24.31	24.40	23.87	0.2438
20	1	49		21.50	21.51	21.51	20.89	21.00	21.14	24.22	24.27	24.34		
20	25	12		21.63	21.63	21.49	20.90	21.23	21.29	24.29	24.44	24.40		
20	1	0		19.53	19.61	19.57	18.99	19.07	19.10	22.28	22.36	22.35		
20	1	50		19.39	19.52	19.52	18.84	19.16	19.14	22.13	22.35	22.34		
20	51	0		20.04	20.16	19.98	19.32	19.49	19.71	22.71	22.85	22.86		
20	1	1	16-QAM	21.08	21.21	21.13	20.78	20.72	20.80	23.94	23.98	23.98	23.41	0.2193
20	1	1	64-QAM	19.57	19.68	19.64	19.20	19.03	19.30	22.40	22.38	22.48		
20	1	1	256-QAM	16.52	16.58	16.45	15.81	16.01	16.12	19.19	19.31	19.30		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -0.57 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	21.60	21.80	21.42	21.19	21.11	20.98	24.41	24.48	24.22	23.91	0.2460
25	1	63		21.28	21.50	21.46	20.91	21.18	21.01	24.11	24.35	24.25		
25	33	16		21.62	21.70	21.46	20.96	21.03	21.25	24.31	24.39	24.37		
25	1	0		19.61	19.67	19.46	19.05	19.02	18.93	22.35	22.37	22.21		
25	1	64		19.29	19.50	19.49	18.84	19.12	19.04	22.08	22.32	22.28		
25	65	0		20.08	20.17	19.93	19.43	19.53	19.72	22.78	22.87	22.84		
25	1	1	16-QAM	21.15	21.16	20.94	20.70	20.64	20.53	23.94	23.92	23.75	23.37	0.2173
25	1	1	64-QAM	19.71	19.99	19.49	19.22	19.06	19.19	22.48	22.56	22.35		
25	1	1	256-QAM	16.59	16.65	16.46	16.11	16.02	15.99	19.37	19.36	19.24		
Limit	EIRP < 1W			Result										



NR n78 Maximum Average Power [dBm], DG = -0.57 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		
30	1	1	QPSK	21.58	21.81	21.51	21.10	21.08	21.15	24.36	24.47	24.34	23.92	0.2466
30	1	76		21.25	21.56	21.51	20.84	21.14	21.10	24.06	24.37	24.32		
30	39	19		21.52	21.64	21.67	20.89	21.22	21.28	24.23	24.45	24.49		
30	1	0		19.60	19.78	19.57	19.00	18.99	19.16	22.32	22.41	22.38		
30	1	77		19.25	19.55	19.53	18.82	19.07	19.08	22.05	22.33	22.32		
30	78	0		19.95	20.17	20.16	19.35	19.52	19.75	22.67	22.87	22.97		
30	1	1	16-QAM	21.04	21.36	21.07	20.61	20.64	20.58	23.84	24.03	23.84	23.46	0.2218
30	1	1	64-QAM	19.50	19.65	19.39	19.00	19.11	19.15	22.27	22.40	22.28		
30	1	1	256-QAM	16.51	16.59	16.59	15.97	16.03	15.94	19.26	19.33	19.29		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -0.57 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		
40	1	1	QPSK	21.57	21.58	21.73	21.10	21.10	21.27	24.35	24.36	24.52	23.95	0.2483
40	1	104		21.52	21.20	21.40	20.92	20.74	20.95	24.24	23.99	24.19		
40	53	26		21.58	21.60	21.53	21.01	21.21	21.19	24.31	24.42	24.37		
40	1	0		19.65	19.55	19.66	19.13	19.07	19.26	22.41	22.33	22.47		
40	1	105		19.40	19.29	19.43	18.90	18.87	19.06	22.17	22.10	22.26		
40	106	0		20.03	20.13	20.03	19.43	19.51	19.64	22.75	22.84	22.85		
40	1	1	16-QAM	21.31	21.28	21.30	20.48	20.44	20.88	23.93	23.89	24.11	23.54	0.2259
40	1	1	64-QAM	19.56	19.48	19.76	19.31	19.12	19.35	22.45	22.31	22.57		
40	1	1	256-QAM	16.55	16.70	16.72	16.16	16.15	16.35	19.37	19.44	19.55		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -0.57 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		
50	1	1	QPSK	21.60	21.49	21.70	21.04	21.04	21.27	24.34	24.28	24.50	23.93	0.2472
50	1	131		21.29	21.19	21.35	20.92	20.81	21.00	24.12	24.01	24.19		
50	67	33		21.39	21.73	21.52	20.93	21.06	21.17	24.18	24.42	24.36		
50	1	0		19.68	19.46	19.76	19.00	19.01	19.09	22.36	22.25	22.45		
50	1	132		19.27	19.14	19.31	19.01	18.78	18.87	22.15	21.97	22.11		
50	133	0		19.82	20.18	19.93	19.38	19.50	19.55	22.62	22.86	22.75		
50	1	1	16-QAM	21.17	20.90	21.22	20.64	20.49	20.63	23.92	23.71	23.95	23.38	0.2178
50	1	1	64-QAM	19.76	19.61	19.71	19.21	19.26	19.22	22.50	22.45	22.48		
50	1	1	256-QAM	16.62	16.39	16.79	15.99	15.96	15.98	19.33	19.19	19.41		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -0.57 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		
60	1	1	QPSK	21.78	21.67	21.59	21.17	21.17	21.28	24.50	24.44	24.45	23.93	0.2472
60	1	160		21.35	21.20	21.36	20.81	20.82	20.91	24.10	24.02	24.15		
60	81	40		21.45	21.66	21.41	21.02	21.25	20.98	24.25	24.47	24.21		
60	1	0		19.70	19.71	19.67	19.13	18.99	19.20	22.43	22.38	22.45		
60	1	161		19.36	19.26	19.20	19.03	18.74	18.86	22.21	22.02	22.04		
60	162	0		19.93	20.18	19.90	19.43	19.47	19.44	22.70	22.85	22.69		
60	1	1	16-QAM	20.99	21.22	21.37	20.56	20.91	20.78	23.79	24.08	24.10	23.53	0.2254
60	1	1	64-QAM	19.71	19.62	19.96	19.24	19.16	19.15	22.49	22.41	22.58		
60	1	1	256-QAM	16.65	16.46	16.88	16.03	16.25	16.25	19.36	19.37	19.59		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -0.57 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		
70	1	1	QPSK	21.76	21.74	21.67	21.05	21.09	21.23	24.43	24.44	24.47	23.9	0.2455
70	1	187		21.14	21.32	21.35	20.64	20.95	21.08	23.91	24.15	24.23		
70	95	47		21.60	21.72	21.51	20.93	20.94	21.16	24.29	24.36	24.35		
70	1	0		19.62	19.81	19.58	19.00	19.15	19.03	22.33	22.50	22.32		
70	1	188		18.95	19.32	19.16	18.81	18.98	18.79	21.89	22.16	21.99		
70	189	0		20.06	20.19	19.99	19.42	19.49	19.72	22.76	22.86	22.87		
70	1	1	16-QAM	21.34	21.45	20.98	20.35	20.54	20.51	23.88	24.03	23.76	23.46	0.2218
70	1	1	64-QAM	19.90	20.30	19.45	19.25	18.88	19.01	22.60	22.66	22.25		
70	1	1	256-QAM	16.61	16.78	16.29	16.02	16.09	16.32	19.34	19.46	19.32		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -0.57 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		
80	1	1	QPSK	21.83	21.71	21.82	21.20	20.96	21.08	24.54	24.36	24.48	23.97	0.2495
80	1	215		21.27	21.16	21.38	20.76	21.10	20.83	24.03	24.14	24.12		
80	109	54		21.66	21.72	21.63	21.06	21.05	21.24	24.38	24.41	24.45		
80	1	0		19.80	19.73	19.62	19.19	19.02	19.02	22.52	22.40	22.34		
80	1	216		19.21	19.21	19.26	18.79	19.09	18.78	22.02	22.16	22.04		
80	217	0		20.08	20.13	20.03	19.39	19.52	19.61	22.76	22.85	22.84		
80	1	1	16-QAM	21.16	21.25	21.05	20.82	20.51	20.73	24.00	23.91	23.90	23.43	0.2203
80	1	1	64-QAM	19.77	19.74	20.25	19.35	19.22	19.14	22.58	22.50	22.74		
80	1	1	256-QAM	16.93	16.74	17.19	16.72	16.09	16.30	19.84	19.44	19.78		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -0.57 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		
90	1	1	QPSK	21.59	21.90	21.88	21.12	21.13	21.11	24.37	24.54	24.52	23.97	0.2495
90	1	243		21.09	21.17	21.19	21.00	20.99	21.02	24.06	24.09	24.12		
90	123	61		21.65	21.77	21.77	21.15	21.13	21.14	24.42	24.47	24.48		
90	1	0		19.63	19.90	19.86	19.08	18.97	18.97	22.37	22.47	22.45		
90	1	244		19.20	19.16	19.22	19.02	18.87	19.03	22.12	22.03	22.14		
90	245	0		20.08	20.15	20.14	19.56	19.47	19.59	22.84	22.83	22.88		
90	1	1	16-QAM	21.40	21.46	21.64	20.49	20.80	20.63	23.98	24.15	24.17	23.6	0.2291
90	1	1	64-QAM	19.95	19.78	20.14	19.20	19.66	19.23	22.60	22.73	22.72		
90	1	1	256-QAM	16.90	16.41	16.56	16.34	16.30	16.46	19.64	19.37	19.52		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -0.57 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		
100	1	1	QPSK	-	21.91	-	-	21.27	-	-	24.61	-	24.04	0.2535
100	1	271		-	21.25	-	-	20.82	-	-	24.05	-		
100	137	68		-	21.76	-	-	20.98	-	-	24.40	-		
100	1	0		-	19.97	-	-	19.24	-	-	22.63	-		
100	1	272		-	19.35	-	-	19.04	-	-	22.21	-		
100	273	0		-	20.24	-	-	19.44	-	-	22.87	-		
100	1	1	16-QAM	-	21.65	-	-	21.25	-	-	24.46	-	23.89	0.2449
100	1	1	64-QAM	-	19.79	-	-	19.71	-	-	22.76	-		
100	1	1	256-QAM	-	17.08	-	-	16.11	-	-	19.63	-		
Limit	EIRP < 1W			Result									Pass	



MIMO <Ant. 7+1>

NR n77 Maximum Average Power [dBm], DG = -2.64 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	22.97	22.91	22.17	23.71	23.70	23.58	26.37	26.33	25.94	23.73	0.236
10	1	22		22.85	22.82	22.16	23.67	23.62	23.51	26.29	26.25	25.90		
10	12	6		22.94	22.95	22.17	23.69	23.62	23.51	26.34	26.31	25.90		
10	1	0		19.40	19.42	18.66	20.23	20.14	20.12	22.85	22.81	22.46		
10	1	23		19.29	19.28	18.61	20.09	20.10	19.99	22.72	22.72	22.36		
10	24	0		19.91	19.90	19.14	20.66	20.65	20.52	23.31	23.30	22.89		
10	1	1	16-QAM	22.33	22.34	21.60	23.20	23.10	23.20	25.80	25.75	25.48	23.16	0.207
10	1	1	64-QAM	20.70	20.84	19.90	21.72	21.64	21.64	24.25	24.27	23.87		
10	1	1	256-QAM	16.30	16.33	15.48	17.07	17.22	16.94	19.71	19.81	19.28		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -2.64 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	23.26	22.52	22.45	23.90	23.77	23.76	26.60	26.20	26.16	23.96	0.2489
15	1	36		23.02	22.63	22.29	23.73	23.96	23.54	26.40	26.36	25.97		
15	19	9		23.19	22.56	22.44	23.82	23.74	23.67	26.53	26.20	26.11		
15	1	0		19.68	19.01	18.95	20.34	20.19	20.34	23.03	22.65	22.71		
15	1	37		19.28	19.13	18.75	20.01	20.37	19.99	22.67	22.80	22.42		
15	38	0		20.11	19.74	19.36	20.80	20.94	20.63	23.48	23.39	23.05		
15	1	1	16-QAM	22.54	21.99	21.89	23.45	23.23	23.15	26.03	25.66	25.58	23.39	0.2183
15	1	1	64-QAM	21.13	20.49	20.21	21.88	21.61	21.68	24.53	24.10	24.02		
15	1	1	256-QAM	16.67	15.69	15.81	17.34	17.26	17.15	20.03	19.56	19.54		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -2.64 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	23.22	22.57	22.58	23.94	23.83	23.89	26.61	26.26	26.29	23.97	0.2495
20	1	49		22.90	22.67	22.41	23.62	23.88	23.52	26.29	26.33	26.01		
20	25	12		23.19	22.59	22.42	23.89	23.85	23.69	26.56	26.28	26.11		
20	1	0		19.77	19.04	19.03	20.36	20.24	20.32	23.09	22.69	22.73		
20	1	50		19.29	19.11	18.74	20.00	20.24	20.04	22.67	22.72	22.45		
20	51	0		20.12	19.79	19.40	20.86	20.96	20.68	23.52	23.42	23.10		
20	1	1	16-QAM	22.64	22.15	21.84	23.47	23.41	23.44	26.09	25.84	25.72	23.45	0.2213
20	1	1	64-QAM	21.22	20.42	20.50	21.91	21.79	22.08	24.59	24.17	24.37		
20	1	1	256-QAM	16.56	15.94	15.83	17.31	17.17	17.27	19.96	19.61	19.62		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -2.64 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	22.28	22.46	22.59	23.89	23.71	23.92	26.17	26.14	26.32	23.86	0.2432
25	1	63		22.98	22.57	22.31	23.67	23.81	23.43	26.35	26.24	25.92		
25	33	16		23.11	22.76	22.44	23.84	24.00	23.69	26.50	26.43	26.12		
25	1	0		19.66	18.94	19.04	20.47	20.16	20.39	23.09	22.60	22.78		
25	1	64		19.43	19.07	18.80	20.14	20.26	19.95	22.81	22.72	22.42		
25	65	0		20.07	19.71	19.39	20.82	20.99	20.69	23.47	23.41	23.10		
25	1	1	16-QAM	22.73	21.81	21.83	23.44	23.14	23.42	26.11	25.54	25.71	23.47	0.2223
25	1	1	64-QAM	21.07	20.46	20.46	21.80	21.72	21.85	24.46	24.15	24.22		
25	1	1	256-QAM	16.90	15.81	15.91	17.42	17.06	17.51	20.18	19.49	19.79		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -2.64 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		
30	1	1	QPSK	23.23	22.49	22.47	23.96	23.71	23.95	26.62	26.15	26.28	23.98	0.25
30	1	76		22.84	22.50	22.25	23.88	23.80	23.51	26.40	26.21	25.94		
30	39	19		22.92	22.62	22.55	23.66	23.84	23.83	26.32	26.28	26.25		
30	1	0		19.74	18.92	18.95	20.41	20.16	20.40	23.10	22.59	22.75		
30	1	77		19.35	19.03	18.75	20.29	20.17	20.00	22.86	22.65	22.43		
30	78	0		19.85	19.75	19.46	20.60	20.99	20.81	23.25	23.42	23.20		
30	1	1	16-QAM	22.70	21.96	21.95	23.41	23.16	23.22	26.08	25.61	25.64	23.44	0.2208
30	1	1	64-QAM	21.06	20.23	20.33	21.88	21.74	21.86	24.50	24.06	24.17		
30	1	1	256-QAM	16.77	15.80	15.77	17.46	17.22	17.42	20.14	19.58	19.68		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -2.64 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		
40	1	1	QPSK	22.98	22.93	22.91	24.14	24.08	23.94	26.61	26.55	26.47	23.97	0.2495
40	1	104		22.77	22.89	22.59	23.84	24.01	23.84	26.35	26.50	26.27		
40	53	26		22.89	22.83	22.94	23.95	23.93	23.79	26.46	26.43	26.40		
40	1	0		19.49	19.49	19.42	20.61	20.57	20.43	23.10	23.07	22.96		
40	1	105		19.21	19.36	19.01	20.28	20.47	20.31	22.79	22.96	22.72		
40	106	0		19.86	19.82	19.87	20.91	20.77	20.76	23.43	23.33	23.35		
40	1	1	16-QAM	22.47	22.48	22.35	23.70	23.53	23.48	26.14	26.05	25.96	23.5	0.2239
40	1	1	64-QAM	20.94	20.75	20.94	22.14	22.06	22.01	24.59	24.46	24.52		
40	1	1	256-QAM	16.28	16.25	16.32	17.58	17.46	17.45	19.99	19.91	19.93		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -2.64 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		
50	1	1	QPSK	22.93	23.06	22.99	24.09	24.12	24.22	26.56	26.63	26.66	24.02	0.2523
50	1	131		22.63	22.85	22.54	23.84	23.94	23.79	26.29	26.44	26.22		
50	67	33		22.68	22.89	22.76	23.87	23.82	23.69	26.33	26.39	26.26		
50	1	0		19.46	19.56	19.55	20.61	20.58	20.73	23.08	23.11	23.19		
50	1	132		19.15	19.42	19.06	20.35	20.42	20.29	22.80	22.96	22.73		
50	133	0		19.62	19.83	19.69	20.63	20.75	20.66	23.16	23.32	23.21		
50	1	1	16-QAM	22.49	22.65	22.54	23.68	23.65	23.68	26.14	26.19	26.16	23.55	0.2265
50	1	1	64-QAM	20.82	20.81	21.15	22.02	22.06	22.28	24.47	24.49	24.76		
50	1	1	256-QAM	16.24	16.35	16.45	17.55	17.54	17.63	19.95	20.00	20.09		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -2.64 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		
60	1	1	QPSK	23.06	22.89	23.13	24.23	24.18	24.07	26.69	26.59	26.64	24.05	0.2541
60	1	160		22.66	22.74	22.51	23.69	23.82	23.75	26.22	26.32	26.18		
60	81	40		22.73	22.85	22.64	23.94	23.95	23.58	26.39	26.45	26.15		
60	1	0		19.56	19.45	19.68	20.76	20.73	20.62	23.21	23.15	23.19		
60	1	161		19.12	19.22	19.03	20.35	20.33	20.27	22.79	22.82	22.70		
60	162	0		19.71	19.84	19.62	20.92	20.75	20.56	23.37	23.33	23.13		
60	1	1	16-QAM	22.53	22.49	22.56	23.65	23.71	23.60	26.14	26.15	26.12	23.51	0.2244
60	1	1	64-QAM	21.06	20.78	21.26	22.27	22.21	22.01	24.72	24.56	24.66		
60	1	1	256-QAM	16.54	16.24	16.75	17.62	17.65	17.65	20.12	20.01	20.23		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -2.64 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		
70	1	1	QPSK	23.02	22.96	23.15	24.17	24.21	23.98	26.64	26.64	26.60	24.00	0.2512
70	1	187		22.38	22.72	22.52	23.54	23.78	23.81	26.01	26.29	26.22		
70	95	47		22.91	22.89	22.76	23.90	23.81	23.78	26.44	26.38	26.31		
70	1	0		19.56	19.53	19.65	20.72	20.74	20.51	23.19	23.19	23.11		
70	1	188		18.89	19.10	18.92	20.02	20.24	20.26	22.50	22.72	22.65		
70	189	0		19.85	19.85	19.72	20.85	20.78	20.75	23.39	23.35	23.28		
70	1	1	16-QAM	22.54	22.42	22.52	23.77	23.78	23.54	26.21	26.16	26.07	23.57	0.2275
70	1	1	64-QAM	20.93	21.07	21.14	22.17	22.32	21.93	24.60	24.75	24.56		
70	1	1	256-QAM	16.63	16.45	16.82	17.62	17.82	17.54	20.16	20.20	20.21		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -2.64 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		
80	1	1	QPSK	23.06	22.96	23.15	24.21	24.10	24.10	26.68	26.58	26.66	24.04	0.2535
80	1	215		22.51	22.79	22.45	23.69	23.56	23.68	26.15	26.20	26.12		
80	109	54		22.97	22.86	22.87	23.94	23.81	23.87	26.49	26.37	26.41		
80	1	0		19.65	19.55	19.68	20.78	20.69	20.63	23.26	23.17	23.19		
80	1	216		19.01	19.26	18.84	20.21	20.17	20.21	22.66	22.75	22.59		
80	217	0		19.94	19.84	19.79	20.89	20.76	20.84	23.45	23.33	23.36		
80	1	1	16-QAM	22.45	22.59	22.54	23.75	23.57	23.81	26.16	26.12	26.23	23.59	0.2286
80	1	1	64-QAM	21.13	20.78	21.14	22.23	22.15	22.08	24.73	24.53	24.65		
80	1	1	256-QAM	16.54	16.24	16.75	17.85	17.62	17.60	20.26	19.99	20.21		
Limit	EIRP < 1W			Result									Pass	



NR n77 Maximum Average Power [dBm], DG = -2.64 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		
90	1	1	QPSK	23.05	22.97	23.01	24.19	24.12	24.31	26.67	26.59	26.72	24.08	0.2559
90	1	243		22.37	22.76	22.35	23.75	23.51	23.51	26.12	26.16	25.98		
90	123	61		22.84	22.86	22.90	24.01	23.81	24.02	26.47	26.37	26.51		
90	1	0		19.59	19.54	19.51	20.77	20.67	20.86	23.23	23.15	23.25		
90	1	244		18.85	19.15	18.83	20.29	20.06	20.08	22.64	22.64	22.51		
90	245	0	16-QAM	19.82	19.84	19.81	20.97	20.76	21.00	23.44	23.33	23.46	23.55	0.2265
90	1	1	64-QAM	22.56	22.46	22.41	23.72	23.64	23.65	26.19	26.10	26.08		
90	1	1	256-QAM	20.82	21.08	21.03	22.12	22.07	22.32	24.53	24.61	24.73		
90	1	1	256-QAM	16.43	16.56	16.54	17.75	17.63	17.84	20.15	20.14	20.25		
Limit	EIRP < 1W			Result									Pass	

NR n77 Maximum Average Power [dBm], DG = -2.64 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		
100	1	1	QPSK	23.32	23.06	23.43	24.35	24.32	24.24	26.88	26.75	26.86	24.24	0.2655
100	1	271		22.51	22.42	22.42	23.61	23.65	23.67	26.11	26.09	26.10		
100	137	68		22.98	22.86	22.86	23.88	23.77	24.03	26.46	26.35	26.49		
100	1	0		19.72	19.51	19.75	20.84	20.81	20.76	23.33	23.22	23.29		
100	1	272		18.84	18.86	18.81	20.16	20.23	20.23	22.56	22.61	22.59		
100	273	0	16-QAM	19.89	19.82	19.84	20.83	20.47	21.02	23.40	23.17	23.48	23.80	0.2399
100	1	1	64-QAM	22.76	22.46	22.81	24.01	23.76	23.79	26.44	26.17	26.34		
100	1	1	256-QAM	21.23	20.75	21.45	22.24	22.26	22.16	24.77	24.58	24.83		
100	1	1	256-QAM	16.84	16.51	17.02	17.98	17.86	17.80	20.46	20.25	20.44		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -2.64 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	20.53	20.57	20.37	21.74	21.79	21.69	24.19	24.23	24.09	21.59	0.1442
10	1	22		20.51	20.64	20.47	21.54	21.65	21.59	24.07	24.18	24.08		
10	12	6		20.58	20.70	20.53	21.55	21.58	21.60	24.10	24.17	24.11		
10	1	0		18.56	18.59	18.39	19.75	19.76	19.71	22.21	22.22	22.11		
10	1	23		18.48	18.59	18.44	19.44	19.54	19.55	22.00	22.10	22.04		
10	24	0		19.08	19.16	18.99	19.99	20.08	20.08	22.57	22.65	22.58		
10	1	1	16-QAM	20.08	20.01	19.90	21.26	21.34	21.27	23.72	23.74	23.65	21.10	0.1288
10	1	1	64-QAM	18.65	18.70	18.44	19.70	19.57	19.81	22.22	22.17	22.19		
10	1	1	256-QAM	15.49	15.45	15.33	16.66	16.70	16.75	19.12	19.13	19.11		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -2.64 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	20.62	20.58	20.50	21.76	21.82	21.91	24.24	24.25	24.27	21.63	0.1455
15	1	36		20.48	20.59	20.55	21.53	21.58	21.77	24.05	24.12	24.21		
15	19	9		20.60	20.65	20.54	21.56	21.78	21.86	24.12	24.26	24.26		
15	1	0		18.57	18.64	18.63	19.68	19.83	19.85	22.17	22.29	22.29		
15	1	37		18.47	18.57	18.54	19.50	19.59	19.73	22.03	22.12	22.19		
15	38	0		19.09	19.17	19.01	20.03	20.11	20.32	22.60	22.68	22.72		
15	1	1	16-QAM	20.11	20.25	19.98	21.38	21.27	21.31	23.80	23.80	23.71	21.16	0.1306
15	1	1	64-QAM	18.66	18.84	18.59	19.66	19.72	19.96	22.20	22.31	22.34		
15	1	1	256-QAM	15.62	15.53	15.48	16.82	16.72	16.87	19.27	19.18	19.24		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -2.64 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	20.65	20.62	20.52	21.85	21.83	21.81	24.30	24.28	24.22	21.66	0.1466
20	1	49		20.54	20.59	20.50	21.60	21.60	21.74	24.11	24.13	24.17		
20	25	12		20.69	20.70	20.48	21.63	21.80	21.80	24.20	24.30	24.20		
20	1	0		18.68	18.61	18.56	19.85	19.83	19.80	22.31	22.27	22.23		
20	1	50		18.47	18.51	18.46	19.56	19.71	19.61	22.06	22.16	22.08		
20	51	0		19.14	19.20	18.95	20.11	20.11	20.30	22.66	22.69	22.69		
20	1	1	16-QAM	20.12	20.22	19.95	21.23	21.36	21.31	23.72	23.84	23.69	21.20	0.1318
20	1	1	64-QAM	18.77	18.61	18.42	19.71	19.71	19.73	22.28	22.21	22.13		
20	1	1	256-QAM	15.51	15.68	15.49	16.85	16.82	16.78	19.24	19.30	19.19		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -2.64 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	20.71	20.70	20.43	21.93	21.81	21.59	24.37	24.30	24.06	21.73	0.1489
25	1	63		20.38	20.44	20.49	21.49	21.70	21.58	23.98	24.13	24.08		
25	33	16		20.71	20.71	20.48	21.71	21.64	21.78	24.25	24.21	24.19		
25	1	0		18.73	18.68	18.48	19.85	19.76	19.63	22.34	22.26	22.10		
25	1	64		18.38	18.45	18.47	19.49	19.70	19.60	21.98	22.13	22.08		
25	65	0		19.15	19.18	18.91	20.12	20.12	20.27	22.67	22.69	22.65		
25	1	1	16-QAM	20.44	20.17	20.00	21.49	21.25	21.07	24.01	23.75	23.58	21.37	0.1371
25	1	1	64-QAM	18.70	18.76	18.48	20.08	19.84	19.59	22.45	22.34	22.08		
25	1	1	256-QAM	15.71	15.70	15.38	16.80	16.56	16.63	19.30	19.16	19.06		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -2.64 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		
30	1	1	QPSK	20.71	20.71	20.54	21.80	21.85	21.69	24.30	24.33	24.16	21.69	0.1476
30	1	76		20.33	20.51	20.53	21.54	21.73	21.65	23.99	24.17	24.14		
30	39	19		20.57	20.68	20.70	21.61	21.84	21.83	24.13	24.31	24.31		
30	1	0		18.61	18.74	18.55	19.82	19.82	19.73	22.27	22.32	22.19		
30	1	77		18.28	18.47	18.55	19.51	19.71	19.63	21.95	22.14	22.13		
30	78	0		19.03	19.19	19.17	20.06	20.11	20.33	22.59	22.68	22.80		
30	1	1	16-QAM	20.15	20.30	20.18	21.42	21.38	21.27	23.84	23.88	23.77	21.24	0.133
30	1	1	64-QAM	18.67	18.81	18.61	19.87	19.76	19.70	22.32	22.32	22.20		
30	1	1	256-QAM	15.63	15.79	15.53	16.87	16.68	16.72	19.30	19.27	19.18		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -2.64 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		
40	1	1	QPSK	20.75	20.50	20.72	21.93	21.80	21.86	24.39	24.21	24.34	21.75	0.1496
40	1	104		20.44	20.29	20.46	21.52	21.43	21.63	24.02	23.91	24.09		
40	53	26		20.63	20.65	20.59	21.67	21.83	21.75	24.19	24.29	24.22		
40	1	0		18.77	18.62	18.75	19.86	19.83	19.83	22.36	22.28	22.33		
40	1	105		18.47	18.26	18.35	19.60	19.38	19.60	22.08	21.87	22.03		
40	106	0		19.11	19.18	19.04	20.17	20.06	20.17	22.68	22.65	22.65		
40	1	1	16-QAM	20.22	20.02	20.06	21.52	21.18	21.33	23.93	23.65	23.75	21.29	0.1346
40	1	1	64-QAM	18.71	18.43	18.43	19.80	20.02	19.55	22.30	22.31	22.04		
40	1	1	256-QAM	15.46	15.47	15.52	16.85	16.82	16.87	19.22	19.21	19.26		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -2.64 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		
50	1	1	QPSK	20.75	20.61	20.86	21.75	21.69	21.78	24.29	24.19	24.35	21.71	0.1483
50	1	131		20.38	20.36	20.48	21.58	21.35	21.47	24.03	23.89	24.01		
50	67	33		20.44	20.72	20.55	21.64	21.64	21.68	24.09	24.21	24.16		
50	1	0		18.68	18.55	18.79	19.79	19.75	19.82	22.28	22.20	22.35		
50	1	132		18.40	18.26	18.42	19.61	19.39	19.47	22.06	21.87	21.99		
50	133	0		18.89	19.26	19.07	20.07	20.13	20.11	22.53	22.73	22.63		
50	1	1	16-QAM	20.48	20.08	20.25	21.11	21.28	21.45	23.82	23.73	23.90	21.26	0.1337
50	1	1	64-QAM	18.90	18.68	18.93	19.64	19.81	19.74	22.30	22.29	22.36		
50	1	1	256-QAM	15.82	15.53	15.90	16.94	16.72	16.75	19.43	19.18	19.36		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -2.64 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		
60	1	1	QPSK	20.78	20.76	20.68	21.91	21.95	21.96	24.39	24.41	24.38	21.77	0.1503
60	1	160		20.42	20.31	20.46	21.27	21.44	21.49	23.88	23.92	24.02		
60	81	40		20.56	20.75	20.52	21.67	21.83	21.54	24.16	24.33	24.07		
60	1	0		18.79	18.73	18.74	19.91	19.80	19.96	22.40	22.31	22.40		
60	1	161		18.37	18.37	18.40	19.52	19.40	19.45	21.99	21.93	21.97		
60	162	0		18.95	19.21	19.00	20.14	20.07	20.02	22.60	22.67	22.55		
60	1	1	16-QAM	20.28	20.22	20.38	21.46	21.37	21.53	23.92	23.84	24.00	21.36	0.1368
60	1	1	64-QAM	18.69	18.88	18.93	20.15	19.69	20.10	22.49	22.31	22.56		
60	1	1	256-QAM	15.44	15.62	15.87	17.08	16.77	16.66	19.35	19.24	19.29		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -2.64 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		
70	1	1	QPSK	20.94	20.80	20.51	21.77	21.91	21.74	24.39	24.40	24.18	21.76	0.1500
70	1	187		20.27	20.46	20.61	21.18	21.32	21.46	23.76	23.92	24.07		
70	95	47		20.69	20.84	20.61	21.71	21.70	21.66	24.24	24.30	24.18		
70	1	0		18.78	18.73	18.70	19.78	19.82	19.71	22.32	22.32	22.24		
70	1	188		18.21	18.30	18.24	19.11	19.41	19.46	21.69	21.90	21.90		
70	189	0		19.22	19.22	19.00	19.99	20.09	20.18	22.63	22.69	22.64		
70	1	1	16-QAM	20.18	20.54	20.46	21.16	21.67	21.28	23.71	24.15	23.90	21.51	0.1416
70	1	1	64-QAM	18.98	18.74	18.92	19.55	19.52	19.55	22.28	22.16	22.26		
70	1	1	256-QAM	15.69	16.08	15.45	16.52	16.77	16.94	19.14	19.45	19.27		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -2.64 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		
80	1	1	QPSK	20.98	20.82	20.87	21.85	22.00	21.78	24.45	24.46	24.36	21.82	0.1521
80	1	215		20.38	20.19	20.26	21.39	21.37	21.41	23.92	23.83	23.88		
80	109	54		20.72	20.72	20.69	21.64	21.67	21.82	24.21	24.23	24.30		
80	1	0		18.94	18.82	18.75	20.04	19.81	19.79	22.54	22.35	22.31		
80	1	216		18.19	18.16	18.50	19.33	19.55	19.36	21.81	21.92	21.96		
80	217	0		19.27	19.24	19.11	20.09	20.03	20.24	22.71	22.66	22.72		
80	1	1	16-QAM	20.13	20.45	20.03	21.60	21.39	21.41	23.94	23.96	23.78	21.32	0.1355
80	1	1	64-QAM	18.91	18.35	18.84	20.18	20.12	19.83	22.60	22.33	22.37		
80	1	1	256-QAM	15.67	15.69	15.91	17.23	16.81	17.23	19.53	19.30	19.63		
Limit	EIRP < 1W			Result									Pass	



NR n78 Maximum Average Power [dBm], DG = -2.64 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		
90	1	1	QPSK	20.83	20.71	21.04	21.86	21.75	22.05	24.39	24.27	24.58	21.94	0.1563
90	1	243		20.17	20.18	20.33	21.48	21.44	21.39	23.88	23.87	23.90		
90	123	61		20.62	20.73	20.73	21.66	21.72	21.76	24.18	24.26	24.29		
90	1	0		18.94	18.99	18.82	19.89	19.95	19.81	22.45	22.51	22.35		
90	1	244		18.16	18.32	18.21	19.49	19.62	19.32	21.89	22.03	21.81		
90	245	0		19.08	19.25	19.22	20.15	20.11	20.13	22.66	22.71	22.71		
90	1	1	16-QAM	20.69	20.52	20.42	21.17	21.39	21.59	23.95	23.99	24.05	21.41	0.1384
90	1	1	64-QAM	18.97	18.79	18.80	20.07	19.66	19.62	22.57	22.26	22.24		
90	1	1	256-QAM	15.64	16.05	16.05	16.96	16.95	17.29	19.36	19.53	19.72		
Limit	EIRP < 1W			Result									Pass	

NR n78 Maximum Average Power [dBm], DG = -2.64 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		
100	1	1	QPSK	-	20.93	-	-	22.14	-	-	24.59	-	21.95	0.1567
100	1	271		-	20.24	-	-	21.38	-	-	23.86	-		
100	137	68		-	20.75	-	-	21.70	-	-	24.26	-		
100	1	0		-	19.04	-	-	20.07	-	-	22.60	-		
100	1	272		-	18.32	-	-	19.54	-	-	21.98	-		
100	273	0		-	19.31	-	-	20.20	-	-	22.79	-		
100	1	1	16-QAM	-	20.67	-	-	21.52	-	-	24.13	-	21.49	0.1409
100	1	1	64-QAM	-	19.21	-	-	19.42	-	-	22.33	-		
100	1	1	256-QAM	-	16.29	-	-	17.01	-	-	19.68	-		
Limit	EIRP < 1W			Result									Pass	



<TxD Mode>
MIMO <Ant. 6+1>

Part270 NR n77 Maximum Average Power [dBm], DG = -0.16 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	25.07	24.95	24.69	25.42	25.56	25.48	28.26	28.28	28.11	28.21	0.6622
10	1	22		24.93	24.69	24.37	25.45	25.57	25.64	28.21	28.16	28.06		
10	12	6		24.98	24.98	24.99	25.53	25.71	25.57	28.27	28.37	28.30		
10	1	1	QPSK	25.16	24.61	24.51	25.39	25.75	25.50	28.29	28.23	28.04		
10	1	22		24.82	25.10	24.53	25.25	25.46	25.58	28.05	28.29	28.10		
10	12	6		24.93	24.76	24.73	25.40	25.56	25.63	28.18	28.19	28.21		
10	1	1	16-QAM	24.15	24.01	23.63	24.66	24.60	24.43	27.42	27.33	27.06	27.3	0.537
10	1	22		23.96	23.93	23.82	24.50	24.92	24.69	27.25	27.46	27.29		
10	12	6		24.01	24.14	24.06	24.41	24.50	24.73	27.22	27.33	27.42		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = -0.16 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	25.18	24.62	24.98	25.54	25.66	25.82	28.37	28.18	28.43	28.34	0.6823
15	1	36		24.99	25.01	25.03	25.53	25.44	25.64	28.28	28.24	28.36		
15	18	9		25.10	24.68	24.98	25.71	25.70	25.55	28.43	28.23	28.28		
15	1	1	QPSK	24.97	24.99	25.35	25.64	25.63	25.62	28.33	28.33	28.50		
15	1	36		25.00	24.84	24.89	25.32	25.53	25.69	28.17	28.21	28.32		
15	18	9		25.05	24.83	25.07	25.68	25.69	25.71	28.39	28.29	28.41		
15	1	1	16-QAM	24.46	23.57	24.20	24.96	24.67	24.90	27.73	27.17	27.57	27.57	0.5715
15	1	36		24.00	23.86	24.08	24.38	24.54	24.18	27.20	27.22	27.14		
15	18	9		24.13	23.78	23.98	24.77	24.69	24.45	27.47	27.27	27.23		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = -0.16 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	25.24	24.88	24.56	25.78	25.88	25.23	28.53	28.42	27.92	28.37	0.6871
20	1	49		25.05	25.19	24.66	25.35	25.65	25.79	28.21	28.44	28.27		
20	25	12		25.15	24.72	25.05	25.64	25.72	25.55	28.41	28.26	28.32		
20	1	1	QPSK	25.33	24.63	24.73	25.59	25.60	25.47	28.47	28.15	28.13		
20	1	49		24.73	24.90	24.45	25.52	25.54	25.67	28.15	28.24	28.11		
20	25	12		25.13	24.83	24.98	25.63	25.79	25.64	28.40	28.35	28.33		
20	1	1	16-QAM	24.24	23.91	23.40	24.37	24.88	24.49	27.32	27.43	26.99	27.36	0.5445
20	1	49		24.29	24.10	23.78	24.62	24.45	24.69	27.47	27.29	27.27		
20	25	12		24.34	23.83	24.02	24.68	24.69	24.74	27.52	27.29	27.41		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = -0.16 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	25.13	24.80	24.49	25.61	25.93	25.16	28.39	28.41	27.85	28.37	0.6871
25	1	63		24.86	24.72	24.46	25.53	25.70	25.42	28.22	28.25	27.98		
25	32	16		25.12	24.85	24.93	25.68	25.67	25.41	28.42	28.29	28.19		
25	1	1	QPSK	25.38	25.13	24.45	25.66	25.54	25.28	28.53	28.35	27.90		
25	1	63		24.82	24.80	24.86	25.65	25.66	25.54	28.27	28.26	28.22		
25	32	16		25.19	24.85	24.99	25.69	25.73	25.56	28.46	28.32	28.29		
25	1	1	16-QAM	23.95	24.25	24.12	24.41	25.32	24.42	27.20	27.83	27.28	27.67	0.5848
25	1	63		23.70	23.66	24.48	24.11	24.40	24.52	26.92	27.06	27.51		
25	32	16		24.21	23.79	24.01	24.72	24.65	24.58	27.48	27.25	27.31		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = -0.16 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	25.23	24.70	24.54	25.67	26.10	25.32	28.47	28.47	27.96	28.31	0.6776
30	1	76		24.86	25.16	24.85	25.33	25.45	25.43	28.11	28.32	28.16		
30	36	18		25.02	24.94	24.91	25.59	25.67	25.45	28.32	28.33	28.20		
30	1	1	QPSK	25.04	24.85	24.56	25.41	25.73	25.35	28.24	28.32	27.98		
30	1	76		24.86	25.06	24.85	25.44	25.42	25.62	28.17	28.25	28.26		
30	36	18		25.10	24.92	24.97	25.50	25.75	25.48	28.31	28.37	28.24		
30	1	1	16-QAM	23.97	23.13	24.12	24.26	24.70	24.84	27.13	27.00	27.51	27.35	0.5433
30	1	76		23.71	24.15	23.62	24.50	24.53	24.59	27.13	27.35	27.14		
30	36	18		24.05	23.85	23.94	24.61	24.74	24.36	27.35	27.33	27.17		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = -0.16 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	25.32	25.05	24.81	25.72	26.02	25.58	28.53	28.57	28.22	28.41	0.6934
40	1	104		24.86	25.13	24.68	25.56	25.56	25.47	28.23	28.36	28.10		
40	50	25		25.02	24.79	24.81	25.68	25.74	25.33	28.37	28.30	28.09		
40	1	1	QPSK	25.18	25.08	24.73	25.60	25.83	25.62	28.41	28.48	28.21		
40	1	104		24.79	25.11	24.57	25.51	25.49	25.43	28.18	28.31	28.03		
40	50	25		25.01	24.85	24.77	25.70	25.73	25.35	28.38	28.32	28.08		
40	1	1	16-QAM	24.00	24.19	23.78	24.52	24.96	24.49	27.28	27.60	27.16	27.44	0.5546
40	1	104		23.84	24.18	23.46	24.67	24.65	24.25	27.29	27.43	26.88		
40	50	25		24.00	23.83	23.80	24.68	24.71	24.37	27.36	27.30	27.10		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = -0.16 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	25.15	25.03	24.85	25.63	26.01	25.69	28.41	28.56	28.30	28.41	0.6934
50	1	131		24.75	25.17	24.71	25.43	25.52	25.41	28.11	28.36	28.08		
50	64	32		24.89	24.82	24.75	25.54	25.73	25.43	28.24	28.31	28.11		
50	1	1	QPSK	25.16	25.06	25.01	25.57	26.00	25.79	28.38	28.57	28.43		
50	1	131		24.63	25.16	24.75	25.48	25.57	25.52	28.09	28.38	28.16		
50	64	32		24.81	24.77	24.78	25.52	25.74	25.38	28.19	28.29	28.10		
50	1	1	16-QAM	24.21	24.00	23.99	24.58	24.89	24.57	27.41	27.48	27.30	27.32	0.5395
50	1	131		23.91	23.93	23.50	24.48	24.42	24.38	27.21	27.19	26.97		
50	64	32		23.86	23.84	23.81	24.52	24.75	24.41	27.21	27.33	27.13		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = -0.16 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	25.30	25.01	25.02	25.68	25.93	25.88	28.50	28.50	28.48	28.34	0.6823
60	1	160		24.59	24.77	24.39	25.34	25.43	25.33	27.99	28.12	27.90		
60	81	40		24.90	24.82	24.65	25.63	25.71	25.25	28.29	28.30	27.97		
60	1	1	QPSK	25.24	25.08	24.90	25.62	25.83	25.89	28.44	28.48	28.43		
60	1	160		24.45	24.85	24.42	25.35	25.50	25.51	27.93	28.20	28.01		
60	81	40		24.92	24.82	24.66	25.63	25.75	25.29	28.30	28.32	28.00		
60	1	1	16-QAM	24.23	24.06	23.64	24.55	25.09	24.80	27.40	27.62	27.27	27.46	0.5572
60	1	160		23.70	23.83	23.75	24.47	24.63	24.49	27.11	27.26	27.15		
60	81	40		23.90	23.82	23.64	24.65	24.70	24.27	27.30	27.29	26.98		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = -0.16 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		
70	1	1	BPSK	25.14	25.23	24.99	25.83	25.79	25.77	28.51	28.53	28.41	28.37	0.6871
70	1	187		24.76	24.72	24.72	25.41	25.19	25.33	28.11	27.97	28.05		
70	90	45		24.92	24.77	24.72	25.72	25.71	25.44	28.35	28.28	28.11		
70	1	1	QPSK	25.07	25.11	24.68	25.56	25.84	25.42	28.33	28.50	28.08		
70	1	187		24.34	24.48	24.51	25.18	25.34	25.23	27.79	27.94	27.90		
70	90	45		24.93	24.81	24.82	25.70	25.71	25.45	28.34	28.29	28.16		
70	1	1	16-QAM	24.00	24.57	23.73	24.52	25.37	24.39	27.28	28.00	27.08	27.84	0.6081
70	1	187		23.37	23.65	23.14	24.61	24.36	24.44	27.04	27.03	26.85		
70	90	45		23.95	23.81	23.75	24.74	24.75	24.41	27.37	27.32	27.10		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = -0.16 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		
80	1	1	BPSK	25.30	24.88	25.22	25.55	25.64	25.65	28.44	28.29	28.45	28.29	0.6745
80	1	215		24.50	24.82	24.62	25.30	25.24	25.30	27.93	28.05	27.98		
80	108	54		24.89	24.91	24.94	25.71	25.73	25.54	28.33	28.35	28.26		
80	1	1	QPSK	25.19	24.81	24.87	25.55	25.92	25.59	28.38	28.41	28.26		
80	1	215		24.27	24.79	24.46	25.36	25.55	25.12	27.86	28.20	27.81		
80	108	54		25.05	24.79	24.92	25.79	25.69	25.59	28.45	28.27	28.28		
80	1	1	16-QAM	24.38	24.17	24.20	24.58	24.57	24.95	27.49	27.38	27.60	27.44	0.5546
80	1	215		23.93	23.29	23.46	24.53	24.02	24.54	27.25	26.68	27.04		
80	108	54		24.02	23.82	23.85	24.77	24.70	24.59	27.42	27.29	27.25		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = -0.16 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		
90	1	1	BPSK	25.27	24.81	25.23	25.79	25.60	26.06	28.55	28.23	28.68	28.52	0.7112
90	1	243		24.80	24.70	24.47	25.40	25.32	25.10	28.12	28.03	27.81		
90	120	60		25.00	24.86	24.89	25.45	25.69	25.68	28.24	28.31	28.31		
90	1	1	QPSK	25.22	24.84	24.82	25.80	25.63	25.79	28.53	28.26	28.34		
90	1	243		24.48	24.76	24.69	25.52	25.05	25.36	28.04	27.92	28.05		
90	120	60		25.06	24.74	24.89	25.54	25.76	25.66	28.32	28.29	28.30		
90	1	1	16-QAM	24.13	23.91	23.93	24.73	24.75	24.95	27.45	27.36	27.48	27.38	0.547
90	1	243		23.91	23.37	24.36	24.25	23.78	24.70	27.09	26.59	27.54		
90	120	60		24.07	23.84	23.89	24.58	24.81	24.67	27.34	27.36	27.31		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = -0.16 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		
100	1	1	BPSK	25.33	24.98	24.93	25.67	25.86	25.84	28.51	28.45	28.42	28.42	0.695
100	1	271		24.54	24.28	24.33	25.17	25.31	25.28	27.88	27.84	27.84		
100	135	67		25.02	24.77	24.75	25.60	25.69	25.68	28.33	28.26	28.25		
100	1	1	QPSK	25.27	24.83	25.33	25.67	25.94	25.80	28.48	28.43	28.58		
100	1	271		24.50	24.36	24.62	25.18	25.16	25.20	27.86	27.79	27.93		
100	135	67		25.04	24.85	24.77	25.57	25.68	25.70	28.32	28.30	28.27		
100	1	1	16-QAM	24.33	24.18	24.25	24.58	24.76	24.97	27.47	27.49	27.64	27.48	0.5598
100	1	271		23.92	23.55	23.42	23.85	24.25	24.22	26.90	26.92	26.85		
100	135	67		24.05	23.84	23.76	24.60	24.73	24.72	27.34	27.32	27.28		
Limit	EIRP < 1W			Result									Pass	



MIMO <Ant. 7+5>

Part270 NR n77 Maximum Average Power [dBm], DG = 2.57 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	22.36	22.20	22.49	22.62	23.06	23.41	25.50	25.66	25.98	28.75	0.7499
10	1	22		22.31	22.12	22.39	22.63	22.86	23.51	25.48	25.52	26.00		
10	12	6		22.49	21.96	22.30	22.71	23.00	23.54	25.61	25.52	25.97		
10	1	1	QPSK	22.51	22.31	22.06	22.91	23.13	23.46	25.72	25.75	25.83		
10	1	22		22.49	21.99	22.61	22.92	23.12	23.66	25.72	25.60	26.18		
10	12	6		22.42	22.14	22.50	22.84	22.95	23.40	25.65	25.57	25.98		
10	1	1	16-QAM	22.46	22.31	22.41	22.91	23.11	23.20	25.70	25.74	25.83	28.63	0.7295
10	1	22		22.19	22.15	22.59	23.10	23.05	23.47	25.68	25.63	26.06		
10	12	6		22.30	22.01	22.45	22.84	22.92	23.43	25.59	25.50	25.98		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 2.57 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	22.47	22.16	22.43	22.82	23.09	23.44	25.66	25.66	25.97	28.63	0.7295
15	1	36		22.41	21.99	22.50	22.92	22.92	23.51	25.68	25.49	26.04		
15	18	9		22.45	22.15	22.39	22.93	23.19	23.47	25.71	25.71	25.97		
15	1	1	QPSK	22.41	22.12	22.42	22.79	23.40	23.45	25.61	25.82	25.98		
15	1	36		22.36	22.10	22.52	22.93	23.02	23.52	25.66	25.59	26.06		
15	18	9		22.40	22.23	22.40	22.90	23.19	23.49	25.67	25.75	25.99		
15	1	1	16-QAM	22.47	22.36	22.41	22.99	23.20	23.48	25.75	25.81	25.99	28.61	0.7261
15	1	36		22.23	21.97	22.31	23.03	23.01	23.64	25.66	25.53	26.04		
15	18	9		22.46	22.23	22.48	22.91	23.12	23.49	25.70	25.71	26.02		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 2.57 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	22.41	22.12	22.31	22.84	23.12	23.26	25.64	25.66	25.82	28.58	0.7211
20	1	49		22.42	22.11	22.60	22.94	22.91	23.37	25.70	25.54	26.01		
20	25	12		22.44	22.23	22.32	22.95	23.15	23.42	25.71	25.72	25.92		
20	1	1	QPSK	22.42	22.21	22.50	22.91	23.16	23.21	25.68	25.72	25.88		
20	1	49		22.23	22.02	22.37	23.00	23.00	23.51	25.64	25.55	25.99		
20	25	12		22.45	22.20	22.33	22.93	23.12	23.41	25.71	25.69	25.91		
20	1	1	16-QAM	22.70	22.32	22.14	22.84	23.04	23.30	25.78	25.71	25.77	28.60	0.7244
20	1	49		23.02	21.96	22.34	23.02	22.91	23.61	26.03	25.47	26.03		
20	25	12		22.45	22.16	22.31	22.93	23.12	23.43	25.71	25.68	25.92		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 2.57 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	22.48	22.41	22.16	22.81	23.13	23.16	25.66	25.80	25.70	28.56	0.7178
25	1	63		22.47	22.25	22.51	22.82	23.05	23.41	25.66	25.68	25.99		
25	32	16		22.49	22.21	22.34	22.97	23.15	23.42	25.75	25.72	25.92		
25	1	1	QPSK	22.42	22.32	22.19	23.01	23.16	23.05	25.74	25.77	25.65		
25	1	63		22.34	21.99	22.42	22.91	23.16	23.42	25.64	25.62	25.96		
25	32	16		22.47	22.22	22.31	23.02	23.12	23.40	25.76	25.70	25.90		
25	1	1	16-QAM	22.41	22.52	22.22	23.00	23.12	23.42	25.73	25.84	25.87	28.83	0.7638
25	1	63		22.37	22.12	22.61	23.12	23.02	23.80	25.77	25.60	26.26		
25	32	16		22.53	22.20	22.37	23.01	23.12	23.42	25.79	25.69	25.94		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 2.57 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		
30	1	1	BPSK	22.44	22.19	22.25	22.74	23.20	23.26	25.60	25.73	25.79	28.56	0.7178
30	1	76		22.24	22.16	22.55	22.99	23.00	23.34	25.64	25.61	25.97		
30	36	18		22.35	22.22	22.28	22.89	23.12	23.34	25.64	25.70	25.85		
30	1	1	QPSK	22.25	22.46	22.38	22.65	23.24	23.30	25.46	25.88	25.87		
30	1	76		22.31	22.12	22.39	22.84	23.11	23.50	25.59	25.65	25.99		
30	36	18		22.36	22.26	22.31	22.90	23.12	23.34	25.65	25.72	25.87		
30	1	1	16-QAM	22.02	22.23	22.46	22.71	23.28	23.25	25.39	25.80	25.88	28.66	0.7345
30	1	76		21.94	22.05	22.60	22.77	23.10	23.51	25.39	25.62	26.09		
30	36	18		22.37	22.25	22.31	22.85	23.16	23.32	25.63	25.74	25.85		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 2.57 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		
40	1	1	BPSK	22.44	22.66	22.51	22.72	23.34	23.49	25.59	26.02	26.04	28.67	0.7362
40	1	104		22.31	21.98	22.16	22.91	23.01	23.60	25.63	25.54	25.95		
40	50	25		22.44	22.24	22.21	22.99	23.14	23.24	25.73	25.72	25.77		
40	1	1	QPSK	22.47	22.65	22.45	22.84	23.48	23.50	25.67	26.10	26.02		
40	1	104		22.27	21.97	22.21	23.09	23.06	23.50	25.71	25.56	25.91		
40	50	25		22.45	22.21	22.19	22.98	23.15	23.22	25.73	25.72	25.75		
40	1	1	16-QAM	22.44	22.84	22.41	22.80	23.48	23.64	25.63	26.18	26.08	28.75	0.7499
40	1	104		22.36	22.71	22.23	23.00	23.25	23.64	25.70	26.00	26.00		
40	50	25		22.40	22.31	22.14	23.01	23.16	23.14	25.73	25.77	25.68		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 2.57 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		
50	1	1	BPSK	22.46	22.53	22.96	22.91	23.38	23.53	25.70	25.99	26.26	28.83	0.7638
50	1	131		22.14	21.91	22.52	22.84	23.08	23.41	25.51	25.54	26.00		
50	64	32		22.31	22.30	22.20	22.86	23.12	23.22	25.60	25.74	25.75		
50	1	1	QPSK	22.46	22.60	22.72	22.84	23.31	23.42	25.66	25.98	26.09		
50	1	131		22.14	21.82	22.43	22.84	23.26	23.35	25.51	25.61	25.92		
50	64	32		22.28	22.23	22.22	22.85	23.17	23.23	25.58	25.74	25.76		
50	1	1	16-QAM	22.41	22.80	22.70	22.82	23.26	23.49	25.63	26.05	26.12	28.69	0.7396
50	1	131		21.94	22.15	22.52	22.94	22.71	23.39	25.48	25.45	25.99		
50	64	32		22.28	22.22	22.23	22.80	23.08	23.26	25.56	25.68	25.79		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 2.57 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		
60	1	1	BPSK	22.61	22.52	22.75	22.91	23.40	23.61	25.77	25.99	26.21	28.79	0.7568
60	1	160		22.10	21.86	22.38	22.99	23.05	23.41	25.58	25.51	25.94		
60	81	40		22.35	22.26	22.13	22.97	23.12	23.13	25.68	25.72	25.67		
60	1	1	QPSK	22.56	22.40	22.89	22.92	23.22	23.51	25.75	25.84	26.22		
60	1	160		22.21	22.20	22.03	22.79	22.94	23.45	25.52	25.60	25.81		
60	81	40		22.37	22.21	22.13	22.99	23.13	23.12	25.70	25.70	25.66		
60	1	1	16-QAM	22.30	22.16	22.74	23.00	23.25	23.40	25.67	25.75	26.09	28.66	0.7345
60	1	160		22.21	21.94	22.41	22.81	23.10	23.11	25.53	25.57	25.78		
60	81	40		22.31	22.21	22.13	22.99	23.12	23.11	25.67	25.70	25.66		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 2.57 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		
70	1	1	BPSK	22.63	22.17	22.59	22.88	23.02	23.21	25.77	25.63	25.92	28.49	0.7063
70	1	187		21.96	21.98	22.31	22.74	22.84	23.35	25.38	25.44	25.87		
70	90	45		22.41	22.21	22.32	23.06	23.08	23.25	25.76	25.68	25.82		
70	1	1	QPSK	22.68	22.33	22.32	22.84	23.30	23.25	25.77	25.85	25.82		
70	1	187		22.00	21.79	22.37	22.71	22.99	23.35	25.38	25.44	25.90		
70	90	45		22.41	22.24	22.29	23.03	23.13	23.26	25.74	25.72	25.81		
70	1	1	16-QAM	22.40	22.49	22.78	22.95	23.34	23.05	25.69	25.95	25.93	28.77	0.7534
70	1	187		22.00	22.05	21.93	22.73	22.82	23.20	25.39	25.46	25.62		
70	90	45		22.42	23.27	22.32	23.06	23.10	23.26	25.76	26.20	25.83		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 2.57 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		
80	1	1	BPSK	22.40	22.23	22.77	22.93	23.12	23.31	25.68	25.71	26.06	28.63	0.7295
80	1	215		22.14	22.41	22.26	23.20	23.34	23.15	25.71	25.91	25.74		
80	108	54		22.44	22.19	22.40	23.07	23.13	23.27	25.78	25.70	25.87		
80	1	1	QPSK	22.73	22.45	22.65	23.03	23.14	23.39	25.89	25.82	26.05		
80	1	215		22.40	22.30	22.38	22.88	23.21	23.17	25.66	25.79	25.80		
80	108	54		22.48	22.21	22.40	23.14	23.10	23.31	25.83	25.69	25.89		
80	1	1	16-QAM	22.66	22.51	22.33	22.85	23.31	23.18	25.77	25.94	25.79	28.51	0.7096
80	1	215		22.25	22.07	21.92	22.95	23.41	22.99	25.62	25.80	25.50		
80	108	54		22.47	22.23	22.41	23.14	23.12	23.29	25.83	25.71	25.88		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 2.57 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		
90	1	1	BPSK	22.60	22.57	22.72	22.92	23.34	23.44	25.77	25.98	26.11	28.71	0.743
90	1	243		21.91	22.20	22.25	23.07	23.14	23.35	25.54	25.71	25.85		
90	120	60		22.25	22.15	22.45	22.98	23.10	23.35	25.64	25.66	25.93		
90	1	1	QPSK	22.48	22.35	22.84	22.90	23.22	23.41	25.71	25.82	26.14		
90	1	243		22.21	22.17	22.27	22.83	23.00	23.15	25.54	25.62	25.74		
90	120	60		22.19	22.26	22.48	22.84	23.12	23.33	25.54	25.72	25.94		
90	1	1	16-QAM	22.74	22.55	23.01	22.79	22.93	23.33	25.78	25.75	26.18	28.75	0.7499
90	1	243		22.24	22.41	22.14	22.90	23.07	22.84	25.59	25.76	25.51		
90	120	60		22.21	22.23	22.50	22.94	23.12	23.40	25.60	25.71	25.98		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 2.57 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		
100	1	1	BPSK	22.62	22.42	22.97	22.84	23.54	23.75	25.74	26.03	26.39	28.96	0.787
100	1	271		22.00	22.01	21.95	22.84	22.79	23.40	25.45	25.43	25.75		
100	135	67		22.37	22.00	22.95	23.01	23.03	23.41	25.71	25.56	26.20		
100	1	1	QPSK	22.84	22.51	22.56	23.04	23.24	23.30	25.95	25.90	25.96		
100	1	271		21.97	21.90	22.12	22.94	23.00	23.14	25.49	25.50	25.67		
100	135	67		22.35	21.95	22.55	23.02	23.02	23.43	25.71	25.53	26.02		
100	1	1	16-QAM	22.70	22.61	22.78	23.14	23.50	23.47	25.94	26.09	26.15	28.72	0.7447
100	1	271		22.06	22.00	21.78	22.84	22.89	23.18	25.48	25.48	25.55		
100	135	67		22.32	21.79	22.56	23.04	23.20	23.46	25.71	25.56	26.04		
Limit	EIRP < 1W			Result									Pass	



MIMO <Ant. 6+5>

Part270 NR n77 Maximum Average Power [dBm], DG = 2.43 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	23.67	23.56	23.82	22.78	23.35	23.44	26.26	26.47	26.64	29.24	0.8395
10	1	22		23.62	23.56	23.67	22.86	23.02	23.52	26.27	26.31	26.61		
10	12	6		23.66	23.62	23.75	22.86	23.02	23.58	26.29	26.34	26.68		
10	1	1	QPSK	23.69	23.47	23.80	23.72	23.51	23.42	26.72	26.50	26.62		
10	1	22		23.64	23.65	23.78	23.95	23.10	23.60	26.81	26.39	26.70		
10	12	6		23.66	23.54	23.72	22.82	23.98	23.61	26.27	26.78	26.68		
10	1	1	16-QAM	23.65	23.65	23.86	22.72	23.25	23.65	26.22	26.46	26.77	29.2	0.8318
10	1	22		23.52	23.74	23.86	22.76	23.05	23.62	26.17	26.42	26.75		
10	12	6		23.62	23.62	23.88	22.87	23.01	23.64	26.27	26.34	26.77		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 2.43 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	23.66	23.54	23.89	23.88	23.35	23.54	26.78	26.46	26.73	29.21	0.8337
15	1	36		23.56	23.66	23.85	22.97	23.15	23.55	26.29	26.42	26.71		
15	18	9		23.70	23.52	23.78	22.92	23.17	23.55	26.34	26.36	26.68		
15	1	1	QPSK	23.85	23.51	23.75	22.88	23.19	23.62	26.40	26.36	26.70		
15	1	36		23.72	23.76	23.84	22.94	23.09	23.69	26.36	26.45	26.78		
15	18	9		23.69	23.52	23.85	22.86	23.21	23.60	26.31	26.38	26.74		
15	1	1	16-QAM	23.68	23.49	23.92	23.07	23.21	23.51	26.40	26.36	26.73	29.16	0.8241
15	1	36		23.51	23.89	23.92	23.11	23.09	23.32	26.33	26.52	26.64		
15	18	9		23.73	23.54	23.84	22.91	23.16	23.52	26.35	26.36	26.69		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 2.43 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	23.79	23.59	23.68	22.94	23.19	23.35	26.40	26.40	26.53	29.09	0.811
20	1	49		23.54	23.05	23.73	22.94	23.24	23.52	26.26	26.16	26.64		
20	25	12		23.71	23.51	23.79	22.97	23.15	23.51	26.37	26.34	26.66		
20	1	1	QPSK	23.81	23.58	23.62	22.89	23.02	23.35	26.38	26.32	26.50		
20	1	49		23.64	23.97	23.47	22.83	23.02	23.64	26.26	26.53	26.57		
20	25	12		23.71	23.51	23.75	22.92	23.24	23.51	26.34	26.39	26.64		
20	1	1	16-QAM	23.94	23.72	23.44	22.95	23.26	23.42	26.48	26.51	26.44	29.09	0.811
20	1	49		23.65	23.72	23.62	23.01	23.08	23.61	26.35	26.42	26.63		
20	25	12		23.76	23.47	23.78	22.97	23.15	23.52	26.39	26.32	26.66		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 2.43 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	23.85	23.62	23.68	22.98	23.25	23.25	26.45	26.45	26.48	29.03	0.7998
25	1	63		23.48	23.62	23.63	22.94	23.12	23.54	26.23	26.39	26.60		
25	32	16		23.72	23.53	23.73	23.02	23.14	23.41	26.39	26.35	26.58		
25	1	1	QPSK	23.82	23.62	23.42	23.00	23.32	23.25	26.44	26.48	26.35		
25	1	63		23.49	23.52	23.42	22.95	23.12	23.54	26.24	26.33	26.49		
25	32	16		23.74	23.53	23.72	23.03	23.14	23.45	26.41	26.35	26.60		
25	1	1	16-QAM	23.92	23.54	23.25	22.94	23.25	23.31	26.47	26.41	26.29	29.04	0.8017
25	1	63		23.54	23.57	23.35	22.98	23.35	23.61	26.28	26.47	26.49		
25	32	16		23.84	23.54	23.75	23.06	23.17	23.45	26.48	26.37	26.61		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 2.43 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		
30	1	1	BPSK	23.60	23.69	23.66	23.82	23.29	23.32	26.72	26.50	26.50	29.15	0.8222
30	1	76		23.38	23.61	23.82	22.98	23.24	23.52	26.19	26.44	26.68		
30	36	18		23.63	23.54	23.67	22.95	23.10	23.41	26.31	26.34	26.55		
30	1	1	QPSK	23.74	23.61	23.68	22.85	23.42	23.38	26.33	26.53	26.54		
30	1	76		23.45	23.68	23.55	22.97	23.14	23.52	26.23	26.43	26.55		
30	36	18		23.64	23.56	23.68	22.95	23.17	23.42	26.32	26.38	26.56		
30	1	1	16-QAM	23.82	23.66	23.46	22.98	23.27	23.34	26.43	26.48	26.41	28.99	0.7925
30	1	76		23.45	23.56	23.45	22.94	23.24	23.52	26.21	26.41	26.50		
30	36	18		23.63	23.49	23.68	22.98	2.18	23.42	26.33	23.52	26.56		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 2.43 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		
40	1	1	BPSK	23.76	23.56	23.85	22.92	23.31	23.44	26.37	26.45	26.66	29.18	0.8279
40	1	104		23.53	23.84	23.67	23.08	23.24	23.41	26.32	26.56	26.55		
40	50	25		23.60	23.53	23.59	23.05	23.24	23.26	26.34	26.40	26.44		
40	1	1	QPSK	23.63	23.63	23.96	22.97	23.31	23.51	26.32	26.48	26.75		
40	1	104		23.58	23.73	23.69	23.09	23.11	23.52	26.35	26.44	26.62		
40	50	25		23.61	23.52	23.58	23.03	23.18	23.27	26.34	26.36	26.44		
40	1	1	16-QAM	23.85	23.82	23.82	22.98	23.62	23.41	26.45	26.73	26.63	29.17	0.826
40	1	104		23.61	24.09	23.42	23.15	23.34	23.28	26.40	26.74	26.36		
40	50	25		23.54	23.48	23.59	22.98	23.12	23.27	26.28	26.31	26.44		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 2.43 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		
50	1	1	BPSK	23.78	23.75	23.83	22.82	23.39	23.51	26.34	26.58	26.68	29.3	0.8511
50	1	131		23.52	23.74	23.55	23.03	23.04	23.45	26.29	26.41	26.51		
50	64	32		23.44	23.51	23.59	22.92	23.19	23.27	26.20	26.36	26.44		
50	1	1	QPSK	23.86	23.73	23.81	23.85	23.42	23.53	26.87	26.59	26.68		
50	1	131		23.51	23.74	23.52	22.95	23.04	23.43	26.25	26.41	26.49		
50	64	32		23.45	23.51	23.64	22.89	23.24	23.28	26.19	26.39	26.47		
50	1	1	16-QAM	23.95	23.76	23.94	22.98	23.52	23.14	26.50	26.65	26.57	29.08	0.8091
50	1	131		23.65	23.61	23.21	22.88	23.15	22.94	26.29	26.40	26.09		
50	64	32		23.44	23.52	23.61	22.92	23.21	23.29	26.20	26.38	26.46		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 2.43 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		
60	1	1	BPSK	23.79	23.67	23.78	22.82	23.25	23.50	26.34	26.48	26.65	29.23	0.8375
60	1	160		23.40	23.74	23.62	22.99	23.05	23.43	26.21	26.42	26.54		
60	81	40		23.51	23.47	23.40	23.02	23.15	23.15	26.28	26.32	26.29		
60	1	1	QPSK	23.76	23.73	24.00	22.84	23.04	23.56	26.33	26.41	26.80		
60	1	160		23.60	23.61	23.56	22.92	22.92	23.38	26.28	26.29	26.48		
60	81	40		23.55	23.49	23.47	23.02	23.15	23.16	26.30	26.33	26.33		
60	1	1	16-QAM	23.61	23.46	24.15	23.00	23.99	23.76	26.33	26.74	26.97	29.4	0.871
60	1	160		23.43	23.65	23.24	23.09	23.11	23.57	26.27	26.40	26.42		
60	81	40		23.57	23.52	23.53	23.02	23.24	23.15	26.31	26.39	26.35		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 2.43 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		
70	1	1	BPSK	23.72	23.84	23.91	22.95	23.26	23.25	26.36	26.57	26.60	29.03	0.7998
70	1	187		23.40	23.40	23.53	22.85	22.91	23.55	26.14	26.17	26.55		
70	90	45		23.55	23.48	23.61	23.10	23.15	23.34	26.34	26.33	26.49		
70	1	1	QPSK	24.03	23.81	23.81	22.99	23.33	23.13	26.55	26.59	26.49		
70	1	187		23.32	23.51	23.51	22.73	22.91	23.49	26.05	26.23	26.51		
70	90	45		23.54	23.44	23.59	23.11	23.14	23.31	26.34	26.30	26.46		
70	1	1	16-QAM	23.94	23.76	23.72	22.93	23.51	23.30	26.47	26.65	26.53	29.08	0.8091
70	1	187		23.51	23.45	23.09	22.72	22.96	23.30	26.14	26.22	26.21		
70	90	45		23.53	23.53	23.64	23.11	23.16	23.31	26.34	26.36	26.49		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 2.43 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		
80	1	1	BPSK	23.83	23.87	23.86	22.85	23.24	23.46	26.38	26.58	26.67	29.15	0.8222
80	1	215		22.99	23.38	23.48	22.95	23.12	23.31	25.98	26.26	26.41		
80	108	54		23.55	23.59	23.71	23.05	23.34	23.36	26.32	26.48	26.55		
80	1	1	QPSK	24.00	23.68	23.99	22.99	23.21	23.40	26.53	26.46	26.72		
80	1	215		23.13	23.33	23.33	23.13	23.01	23.23	26.14	26.18	26.29		
80	108	54		23.62	23.56	23.70	22.96	23.34	23.35	26.31	26.46	26.54		
80	1	1	16-QAM	23.70	23.77	23.72	23.14	23.46	23.44	26.44	26.63	26.59	29.06	0.8054
80	1	215		23.15	23.35	23.77	23.16	23.15	23.46	26.17	26.26	26.63		
80	108	54		23.53	23.66	23.70	23.02	23.27	23.36	26.29	26.48	26.54		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 2.43 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		
90	1	1	BPSK	23.86	23.74	23.82	22.91	23.25	23.49	26.42	26.51	26.67	29.1	0.8128
90	1	243		23.30	23.36	23.05	22.94	23.16	23.11	26.13	26.27	26.09		
90	120	60		23.65	23.42	23.75	22.96	23.12	23.36	26.33	26.28	26.57		
90	1	1	QPSK	23.90	24.02	23.78	22.94	23.15	23.51	26.46	26.62	26.66		
90	1	243		23.14	23.33	23.43	22.84	23.19	23.24	26.00	26.27	26.35		
90	120	60		23.70	23.48	23.76	22.94	23.13	23.37	26.35	26.32	26.58		
90	1	1	16-QAM	23.94	23.77	24.26	22.86	23.46	23.73	26.44	26.63	27.01	29.44	0.879
90	1	243		23.46	23.49	23.13	23.42	22.99	23.30	26.45	26.26	26.23		
90	120	60		23.70	23.45	24.03	22.94	23.14	23.41	26.35	26.31	26.74		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 2.43 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		
100	1	1	BPSK	24.01	23.91	23.94	23.02	23.33	23.53	26.55	26.64	26.75	29.23	0.8375
100	1	271		23.24	23.36	23.31	22.75	23.03	23.29	26.01	26.21	26.31		
100	135	67		23.73	23.50	23.71	23.04	23.16	23.50	26.41	26.34	26.62		
100	1	1	QPSK	24.16	23.70	24.00	23.02	23.44	23.56	26.64	26.58	26.80		
100	1	271		23.53	23.33	23.34	22.90	22.99	23.44	26.24	26.17	26.40		
100	135	67		23.72	23.52	23.66	23.05	23.16	23.51	26.41	26.35	26.60		
100	1	1	16-QAM	24.16	23.72	23.99	23.05	23.32	23.59	26.65	26.53	26.80	29.23	0.8375
100	1	271		23.25	23.24	23.51	22.90	23.03	23.29	26.09	26.15	26.41		
100	135	67		23.74	23.49	23.64	23.00	23.16	23.52	26.40	26.34	26.59		
Limit	EIRP < 1W			Result									Pass	



MIMO <Ant. 7+1>

Part270 NR n77 Maximum Average Power [dBm], DG = 0.03 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	24.32	24.18	24.35	25.51	25.65	25.45	27.97	27.99	27.95	28.13	0.6501
10	1	22		24.18	24.32	24.42	25.06	25.52	25.49	27.65	27.97	28.00		
10	12	6		24.32	24.18	24.35	25.46	25.44	25.57	27.94	27.87	28.01		
10	1	1	QPSK	24.42	24.17	24.42	25.52	25.85	25.52	28.02	28.10	28.02		
10	1	22		24.35	24.35	24.35	25.54	25.29	25.62	28.00	27.86	28.04		
10	12	6		24.35	24.21	24.38	25.30	25.45	25.59	27.86	27.88	28.04		
10	1	1	16-QAM	23.42	23.14	23.52	24.61	24.35	24.62	27.07	26.80	27.12	27.19	0.5236
10	1	22		23.38	23.24	23.41	24.59	24.42	24.78	27.04	26.88	27.16		
10	12	6		23.42	23.35	23.45	24.52	24.61	24.72	27.02	27.04	27.14		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 0.03 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	24.39	24.10	24.42	25.59	25.62	25.57	28.04	27.94	28.04	28.18	0.6577
15	1	36		24.35	24.24	24.28	25.56	25.42	25.64	28.01	27.88	28.02		
15	18	9		24.36	24.15	24.48	25.57	25.62	25.65	28.02	27.96	28.11		
15	1	1	QPSK	24.35	24.12	24.48	25.52	25.60	25.72	27.98	27.93	28.15		
15	1	36		24.24	24.28	24.35	25.54	25.45	25.71	27.95	27.91	28.09		
15	18	9		24.35	24.08	24.42	25.57	25.60	25.59	28.01	27.92	28.05		
15	1	1	16-QAM	24.42	22.98	23.66	25.62	24.82	25.10	28.07	27.01	27.45	28.10	0.6457
15	1	36		24.36	23.25	23.45	25.58	24.54	25.12	28.02	26.95	27.38		
15	18	9		23.47	23.21	23.47	24.65	24.65	24.69	27.11	27.00	27.13		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 0.03 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	24.38	24.15	24.19	25.62	25.65	25.35	28.05	27.97	27.82	28.13	0.6501
20	1	49		24.17	24.38	24.25	25.57	25.45	25.62	27.94	27.96	28.00		
20	25	12		24.35	24.11	24.41	25.61	25.61	25.57	28.04	27.93	28.04		
20	1	1	QPSK	24.52	24.08	24.27	25.59	25.64	25.57	28.10	27.94	27.98		
20	1	49		24.21	24.18	24.25	25.62	25.60	25.68	27.98	27.96	28.03		
20	25	12		24.38	24.13	24.42	25.64	25.62	25.59	28.07	27.95	28.05		
20	1	1	16-QAM	23.54	23.03	23.18	24.83	24.76	24.61	27.24	26.99	26.96	27.27	0.5333
20	1	49		23.12	23.12	23.24	24.75	24.72	24.85	27.02	27.00	27.13		
20	25	12		23.47	23.18	23.47	24.68	24.71	24.64	27.13	27.02	27.10		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 0.03 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	24.45	24.36	24.21	25.71	25.75	25.25	28.14	28.12	27.77	28.19	0.6592
25	1	63		24.12	24.28	24.28	25.47	25.58	25.65	27.86	27.99	28.03		
25	32	16		24.42	24.14	24.38	25.64	25.64	25.51	28.08	27.96	27.99		
25	1	1	QPSK	24.57	24.28	24.21	25.66	25.82	25.24	28.16	28.13	27.77		
25	1	63		24.18	24.23	24.26	25.46	25.65	25.65	27.88	28.01	28.02		
25	32	16		24.43	24.18	24.38	25.71	25.63	25.53	28.13	27.98	28.00		
25	1	1	16-QAM	23.78	23.28	23.38	24.65	25.01	24.52	27.25	27.24	27.00	28.16	0.6546
25	1	63		23.45	23.26	25.54	24.65	24.63	24.65	27.10	27.01	28.13		
25	32	16		23.54	23.21	23.52	24.78	24.75	24.72	27.21	27.06	27.17		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 0.03 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		
30	1	1	BPSK	24.45	24.18	24.24	25.49	25.73	25.46	28.01	28.03	27.90	28.11	0.6471
30	1	76		23.95	24.22	24.35	25.47	25.54	25.66	27.79	27.94	28.06		
30	36	18		24.27	24.16	24.33	25.58	25.66	25.55	27.98	27.98	27.99		
30	1	1	QPSK	24.42	24.25	24.29	25.53	25.74	25.41	28.02	28.07	27.90		
30	1	76		21.18	24.12	24.31	25.52	25.56	25.71	26.88	27.91	28.08		
30	36	18		24.27	24.15	24.29	25.57	25.69	25.48	27.98	28.00	27.94		
30	1	1	16-QAM	23.58	23.28	23.34	24.78	24.96	24.95	27.23	27.21	27.23	27.33	0.5408
30	1	76		23.12	23.16	23.52	24.52	24.69	24.95	26.89	27.00	27.30		
30	36	18		23.42	23.27	23.41	24.69	24.77	24.54	27.11	27.09	27.02		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 0.03 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		
40	1	1	BPSK	24.42	24.28	24.55	25.62	25.85	25.62	28.07	28.15	28.13	28.21	0.6622
40	1	104		24.15	24.35	24.25	25.61	25.51	25.57	27.95	27.98	27.97		
40	50	25		24.24	24.12	24.21	25.67	25.62	25.33	28.02	27.94	27.82		
40	1	1	QPSK	24.47	24.25	24.45	25.52	25.92	25.54	28.04	28.18	28.04		
40	1	104		24.18	24.45	24.12	25.54	25.50	25.52	27.92	28.02	27.89		
40	50	25		24.24	24.13	24.26	25.68	25.60	25.37	28.03	27.94	27.86		
40	1	1	16-QAM	23.96	23.52	23.45	24.62	25.22	24.54	27.31	27.46	27.04	27.49	0.5610
40	1	104		23.35	23.35	23.52	24.51	24.75	24.62	26.98	27.12	27.12		
40	50	25		23.34	23.21	23.35	24.73	24.72	24.47	27.10	27.04	26.96		
Limit	EIRP < 1W			Result									Pass	



Part270 NR n77 Maximum Average Power [dBm], DG = 0.03 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		
50	1	1	BPSK	24.45	24.31	24.55	25.52	25.89	25.75	28.03	28.18	28.20	28.28	0.6730
50	1	131		24.15	24.35	24.22	25.48	25.51	25.45	27.88	27.98	27.89		
50	64	32		24.08	24.12	24.21	25.48	25.62	25.39	27.85	27.94	27.85		
50	1	1	QPSK	24.52	24.38	24.37	25.56	25.95	25.74	28.08	28.25	28.12		
50	1	131		24.21	24.45	24.08	25.41	25.54	25.51	27.86	28.04	27.86		
50	64	32		24.12	24.17	24.25	25.52	25.66	25.37	27.89	27.99	27.86		
50	1	1	16-QAM	23.68	23.45	23.42	24.75	25.24	25.28	27.26	27.45	27.46	27.49	0.5610
50	1	131		23.57	23.21	23.54	24.65	24.86	24.81	27.15	27.12	27.23		
50	64	32		23.22	23.25	23.32	24.62	24.73	24.48	26.99	27.06	26.95		
Limit	EIRP < 1W			Result										

Part270 NR n77 Maximum Average Power [dBm], DG = 0.03 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		
60	1	1	BPSK	24.52	24.42	24.51	25.71	25.82	25.71	28.17	28.19	28.16	28.31	0.6776
60	1	160		24.01	24.17	24.01	25.35	25.38	25.54	27.74	27.83	27.85		
60	81	40		24.21	24.15	24.12	25.58	25.67	25.24	27.96	27.99	27.73		
60	1	1	QPSK	24.56	24.46	24.48	25.67	25.76	25.93	28.16	28.17	28.28		
60	1	160		24.03	24.14	24.15	25.41	25.45	25.48	27.78	27.85	27.88		
60	81	40		24.18	24.13	24.18	25.61	25.65	25.27	27.96	27.97	27.77		
60	1	1	16-QAM	23.52	23.42	23.62	24.32	24.95	25.14	26.95	27.26	27.46	27.49	0.5610
60	1	160		23.23	23.31	23.25	24.52	24.48	24.68	26.93	26.94	27.03		
60	81	40		23.27	23.24	23.25	24.68	24.72	24.37	27.04	27.05	26.86		
Limit	EIRP < 1W			Result										



Part270 NR n77 Maximum Average Power [dBm], DG = 0.03 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		
70	1	1	BPSK	24.51	24.52	24.38	25.58	25.82	25.63	28.09	28.23	28.06	28.26	0.6699
70	1	187		23.95	24.08	24.13	25.24	25.31	25.42	27.65	27.75	27.83		
70	90	45		24.21	24.13	24.27	25.62	25.64	25.45	27.98	27.96	27.91		
70	1	1	QPSK	24.54	24.42	24.48	25.53	25.81	25.47	28.07	28.18	28.01		
70	1	187		23.92	24.25	24.05	25.34	25.35	25.48	27.70	27.85	27.83		
70	90	45		24.19	24.12	24.27	25.62	25.63	25.45	27.97	27.95	27.91		
70	1	1	16-QAM	23.37	23.52	23.75	24.49	24.87	24.51	26.98	27.26	27.16	27.29	0.5358
70	1	187		23.02	23.21	23.08	24.64	24.21	24.39	26.92	26.75	26.79		
70	90	45		23.27	23.22	23.35	24.72	24.75	24.55	27.07	27.06	27.00		
Limit	EIRP < 1W			Result										

Part270 NR n77 Maximum Average Power [dBm], DG = 0.03 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		
80	1	1	BPSK	24.51	24.44	24.48	25.66	25.77	25.64	28.13	28.17	28.11	28.25	0.6683
80	1	215		23.94	24.01	23.99	25.42	25.37	25.41	27.75	27.75	27.77		
80	108	54		24.20	24.12	24.32	25.70	25.64	25.51	28.02	27.96	27.97		
80	1	1	QPSK	24.57	24.42	24.19	25.67	25.87	25.66	28.17	28.22	28.00		
80	1	215		24.02	24.01	24.01	25.46	25.41	25.32	27.81	27.78	27.72		
80	108	54		24.28	24.15	24.35	25.71	25.62	25.52	28.06	27.96	27.98		
80	1	1	16-QAM	23.78	23.51	23.51	24.98	25.21	25.24	27.43	27.45	27.47	27.50	0.5623
80	1	215		22.82	23.16	23.29	24.51	24.52	24.92	26.76	26.90	27.19		
80	108	54		23.36	23.27	23.43	24.81	24.71	24.61	27.16	27.06	27.07		
Limit	EIRP < 1W			Result										



Part270 NR n77 Maximum Average Power [dBm], DG = 0.03 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		
90	1	1	BPSK	24.51	24.35	24.38	25.74	25.65	25.81	28.18	28.06	28.16	28.26	0.6699
90	1	243		23.75	23.76	23.98	25.39	25.32	25.35	27.66	27.62	27.73		
90	120	60		24.31	24.12	24.38	25.48	25.62	25.59	27.94	27.94	28.04		
90	1	1	QPSK	24.51	24.57	24.38	25.61	25.72	25.92	28.11	28.19	28.23		
90	1	243		23.92	23.78	24.03	25.43	25.18	25.29	27.75	27.55	27.72		
90	120	60		24.33	24.15	24.37	25.47	25.63	25.61	27.95	27.96	28.04		
90	1	1	16-QAM	23.68	23.48	23.91	24.84	24.87	24.84	27.31	27.24	27.41	27.44	0.5546
90	1	243		23.03	22.98	23.59	24.41	24.37	24.74	26.78	26.74	27.21		
90	120	60		23.40	23.25	23.41	24.55	24.74	24.66	27.02	27.07	27.09		
Limit	EIRP < 1W			Result									Pass	

Part270 NR n77 Maximum Average Power [dBm], DG = 0.03 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		
100	1	1	BPSK	24.63	24.42	24.45	25.61	25.90	25.95	28.16	28.23	28.27	28.30	0.6761
100	1	271		23.94	23.84	23.80	25.27	25.25	25.35	27.67	27.61	27.65		
100	135	67		24.38	24.14	24.26	25.56	25.61	25.56	28.02	27.95	27.97		
100	1	1	QPSK	24.64	24.39	24.54	25.69	25.82	25.81	28.21	28.17	28.23		
100	1	271		23.97	23.82	23.96	25.31	25.25	25.26	27.70	27.60	27.67		
100	135	67		24.38	24.10	24.29	25.53	25.62	25.66	28.00	27.94	28.04		
100	1	1	16-QAM	23.75	23.44	23.59	24.81	25.96	25.06	27.32	27.89	27.40	27.92	0.6194
100	1	271		22.94	22.98	23.05	24.45	24.43	24.49	26.77	26.78	26.84		
100	135	67		23.45	23.23	23.35	24.66	25.41	24.78	27.11	27.47	27.13		
Limit	EIRP < 1W			Result									Pass	



FR1 n77 HPUE

<SISO Mode>

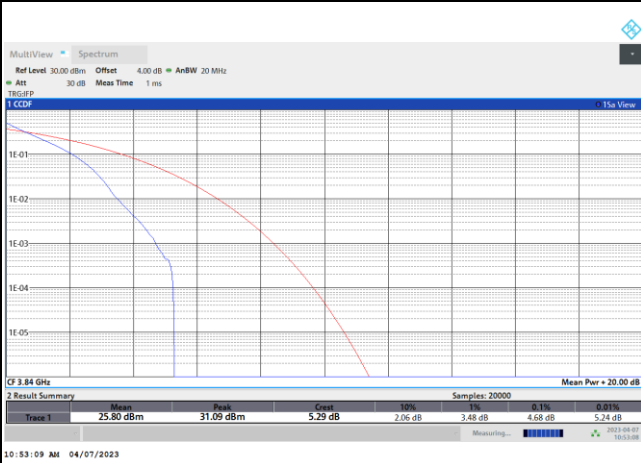
Peak-to-Average Ratio

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	4.68	5.48	5.58	5.60	PASS
Mode	FR1 n77 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.52				PASS

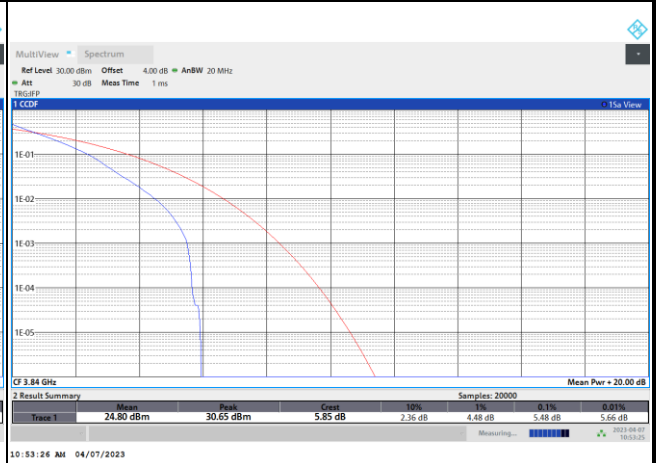


FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

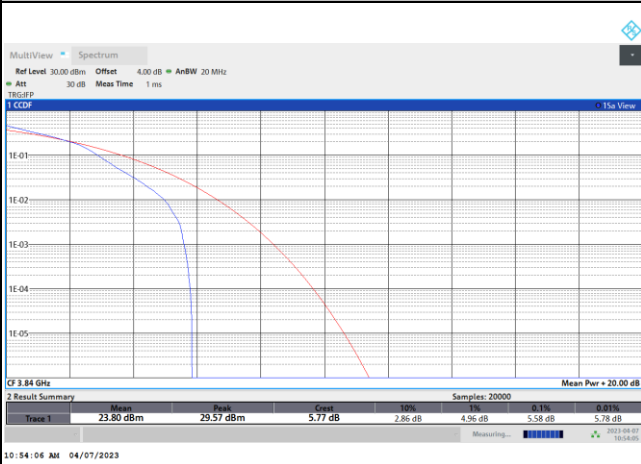
PI/2 BPSK



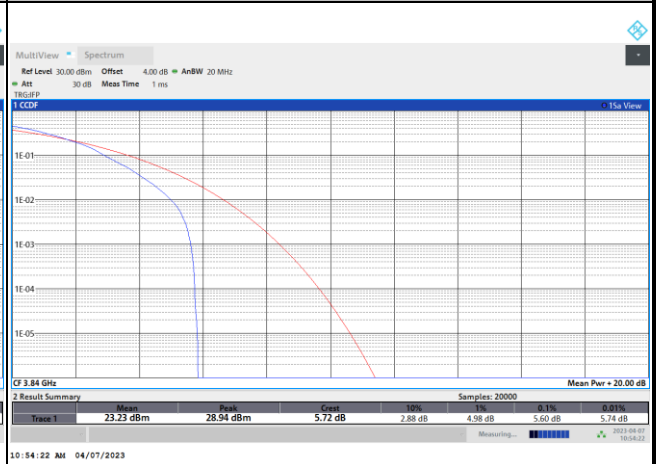
QPSK



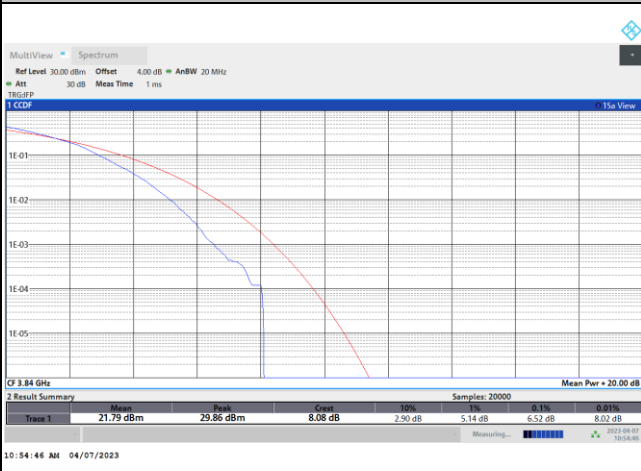
16QAM



64QAM



256QAM





26dB Bandwidth

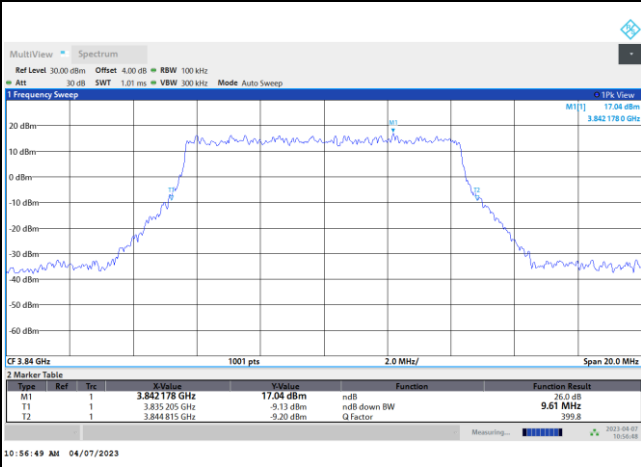
Mode	FR1 n77 : 26dB BW(MHz) / DFT-S OFDM							
BW	10MHz	15MHz	20MHz	25MHz	30MHz	40MHz	50MHz	60MHz
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK
Middle CH	9.61	14.45	19.38	24.78	28.89	38.84	49.55	61.02
BW	70MHz	80MHz	90MHz	100MHz				
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK				
Middle CH	68.67	82.00	91.53	100.70				

Mode	FR1 n77 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.13	9.87	15.55	15.23	20.18	19.70	25.13	25.03
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	9.85	9.35	15.17	15.50	20.26	20.10	25.28	25.18
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	29.67	29.67	41.16	41.24	51.35	51.25	63.18	62.46
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	29.91	29.49	41.56	41.88	50.55	51.05	63.06	62.22
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	71.19	71.19	82.64	81.84	92.97	93.33	103.70	102.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	73.85	71.75	82.80	82.80	92.43	92.25	101.70	102.90



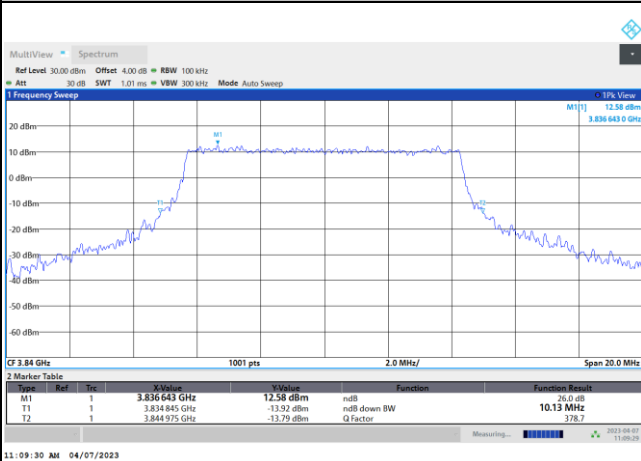
FR1 n77 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

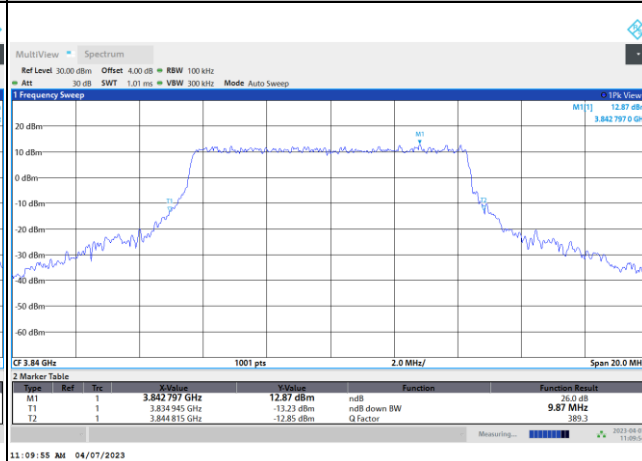


FR1 n77 / 10MHz / CP OFDM / Middle Channel / Full RB

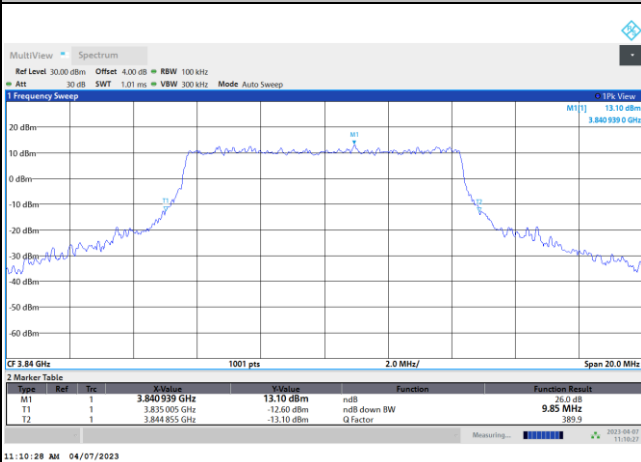
QPSK



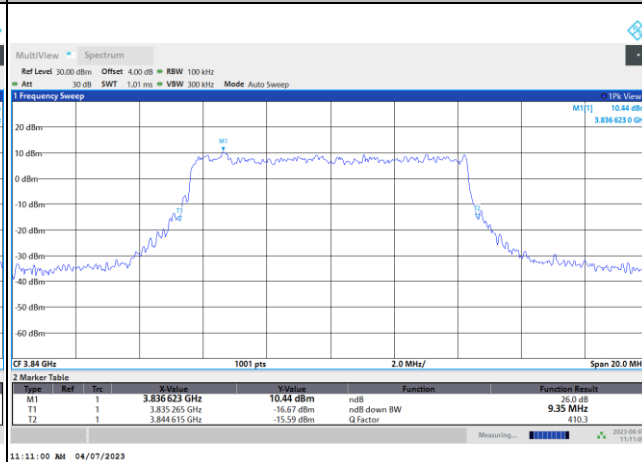
16QAM



64QAM



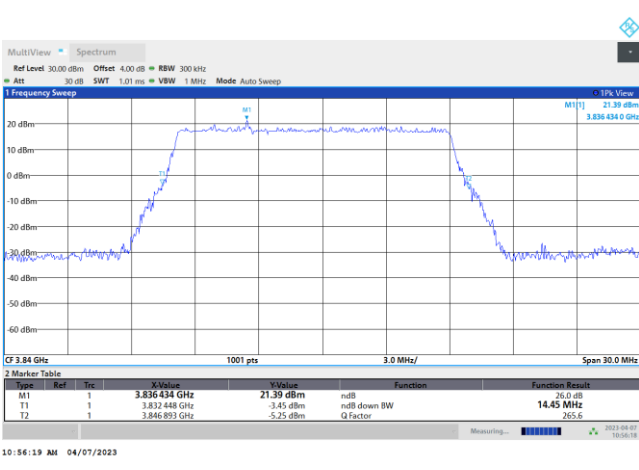
256QAM





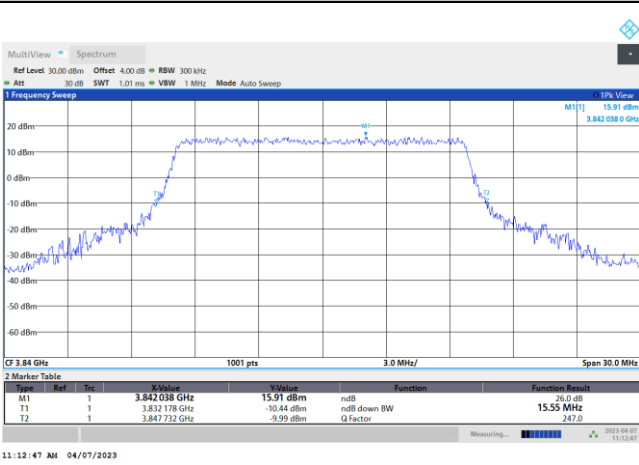
FR1 n77 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

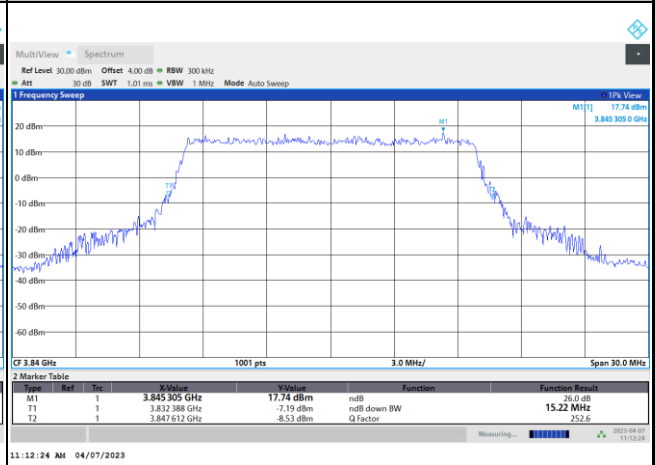


FR1 n77 / 15MHz / CP OFDM / Middle Channel / Full RB

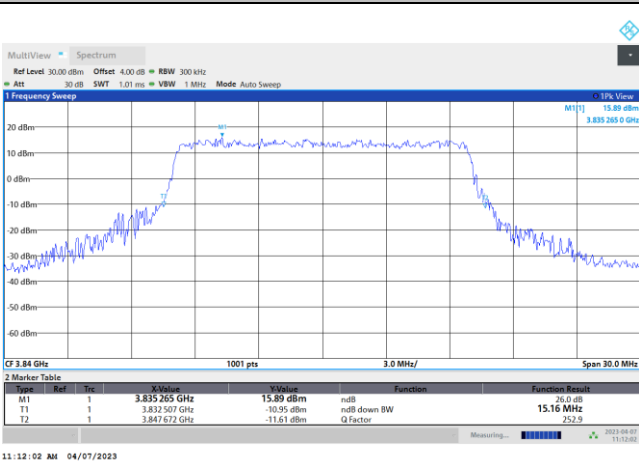
QPSK



16QAM



64QAM



256QAM

