FCC RADIO TEST REPORT

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

The product was received on Feb. 02, 2023 and testing was performed from Feb. 03, 2023 to Jun. 08, 2023. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

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History of this test report

Report No.	Version	Description	Issue Date
FG2D0206-01D	01	Initial issue of report	Jun. 20, 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 (k)(3)	Equivalent Isotropic Radiated Power (n77) (n78)	Pass	
3.3	§27.50 (k)(4)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement (n77) (n78)	Pass	-
3.6	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (n77) (n78)	Pass	-
3.7	§2.1055 §27.54	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (n77) (n78)	Pass	18.03 dB under limit at 13805.000 MHz for Primary Antenna 17.40 dB under limit at 13805.000 MHz for ASDIV Antenna

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.

Disclaimer:

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

Reviewed by: William Chen

Report Producer: Clio Lo

1 General Description

1.1 Product Feature of Equipment Under Test

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

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

EUT Information List	
S/N	Performed Test Item
358951610014526 33141FDJG0012W	Conducted Measurement EIRP
33161FDJG000AT 33161FDJG000BA	Radiated Spurious Emission

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx Frequency	5G NR n77: 3455.01 MHz ~ 3544.98 MHz 5G NR n78: 3455.01 MHz ~ 3544.98 MHz
Rx Frequency	5G NR n77: 3455.01 MHz ~ 3544.98 MHz 5G NR n78: 3455.01 MHz ~ 3544.98 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	**<Primary Antenna>:** 5G NR n77: 26.78 dBm 5G NR n78: 26.15 dBm **<ASDIV Antenna>:** 5G NR n77: 25.71 dBm 5G NR n78: 25.74 dBm **<MIMO Mode>:** MIMO <Ant. 6+1>: 5G NR n77: 27.08 dBm 5G NR n78: 24.91 dBm MIMO <Ant. 7+5>: 5G NR n77: 26.23 dBm 5G NR n78: 24.68 dBm MIMO <Ant. 6+5>: 5G NR n77:26.89 dBm 5G NR n78: 24.65 dBm MIMO <Ant. 7+1>: 5G NR n77:26.72 dBm 5G NR n78: 24.47 dBm **<TxD Mode>:** MIMO <Ant. 6+1>: 5G NR n77: 27.78 dBm MIMO <Ant. 7+5>: 5G NR n77: 27.20 dBm MIMO <Ant. 6+5>: 5G NR n77: 27.41 dBm MIMO <Ant. 7+1>: 5G NR n77: 26.96 dBm
Antenna Type	**<Primary Antenna>:** **<Ant. 6>:** PIFA Antenna **<ASDIV Antenna>:** **<Ant. 7>:** PIFA Antenna **<SRS diversity Antenna>:** **<Ant. 1>:** PIFA Antenna **<Ant. 5>:** PIFA Antenna
Type of Modulation	PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

<Primary Antenna>

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

<ASDIV Antenna>

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

<SRS diversity Antenna>

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

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

1.3 Modification of EUT

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

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	TH03-HY
Test Engineer	Sherry Wu
Temperature (℃)	20~24
Relative Humidity (%)	43~58

Test Site	Sporton International Inc. Wensan Laboratory.
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH12-HY (TAF Code: 3786)
Test Engineer	Jesse Fan, Tim Lee and Wilson Wu
Temperature (℃)	20~25
Relative Humidity (%)	50~60
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

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

FCC Designation No.: TW1190 and TW3786

1.5 Applicable Standards

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

- ANSI C63.26-2015
- ANSI / TIA-603-E
- FCC 47 CFR Part 2, 27
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

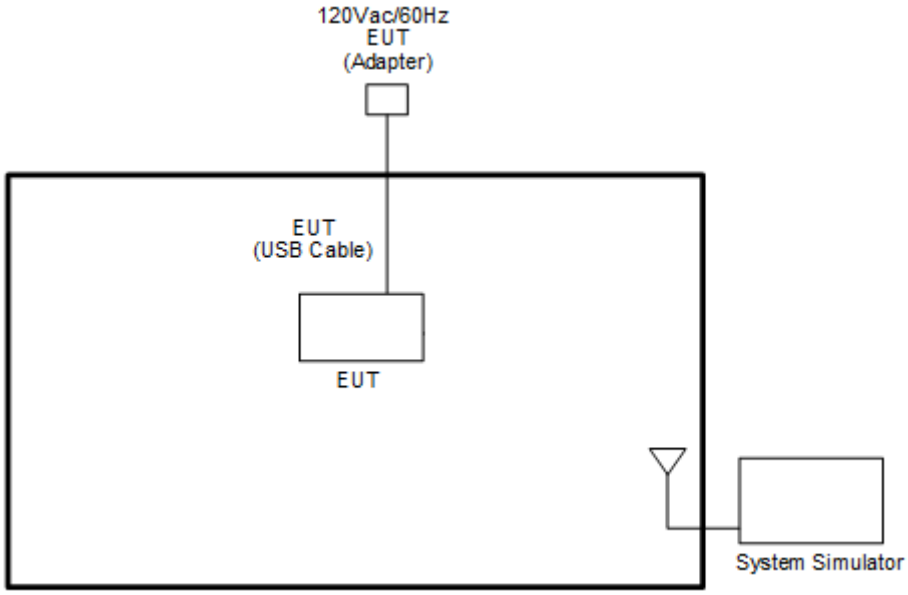
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

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

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

Test Items	NR Band	Bandwidth (MHz)												Modulation					RB #			Test Channel		
		10	15	20	25	30	40	50	60	70	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
E.I.R.P	n77	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	Max. Power					
	n78	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v						
Radiated Spurious Emission	n77	Worst Case																				v	v	v
	n78	Covered by n77																						
Remark	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. 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. 5. Test combination is EN-DC 66A-n77A. 6. All the radiated test cases were performed with Adapter 1 and USB Cable 2. 7. During the preliminary test, both charging modes (Adapter mode and WPT Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test. 8. Wider operating range bandwidth covers narrower one when the power is higher or the same. 9. One representative bandwidth is selected to perform PAR and Frequency Stability 10. The n77 and n78 support total 4 UL MIMO combinations: Ant6+Ant1, Ant6+Ant5, Ant7+Ant1, Ant7+Ant5 and the worst case combination is determined during the preliminary test that Ant6+Ant1 is reported as worst case with Ant7+Ant5 RSE check data.																							

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

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

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

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

= 4.2 + 10 = 14.2 (dB)

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	-	633334	-
	Frequency	-	3500.01	-
90	Channel	633000	633334	633666
	Frequency	3495	3500.01	3504.99
80	Channel	632668	633334	634000
	Frequency	3490.02	3500.01	3510
70	Channel	632334	633334	634332
	Frequency	3485.01	3500.01	3514.98
60	Channel	632000	633334	634666
	Frequency	3480	3500.01	3519.99
50	Channel	631668	633334	635000
	Frequency	3475.02	3500.01	3525
40	Channel	631334	633334	635332
	Frequency	3470.01	3500.01	3529.98
30	Channel	631000	633334	635666
	Frequency	3465	3500.01	3534.99
25	Channel	647500	656000	664500
	Frequency	3712.5	3840	3967.5
20	Channel	630668	633334	636000
	Frequency	3460.02	3500.01	3540
15	Channel	630500	633334	636166
	Frequency	3457.5	3500.01	3542.49
10	Channel	630334	633334	636332
	Frequency	3455.01	3500.01	3544.98

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

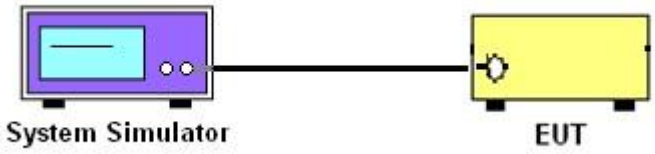
3 Conducted Test Items

3.1 Measuring Instruments

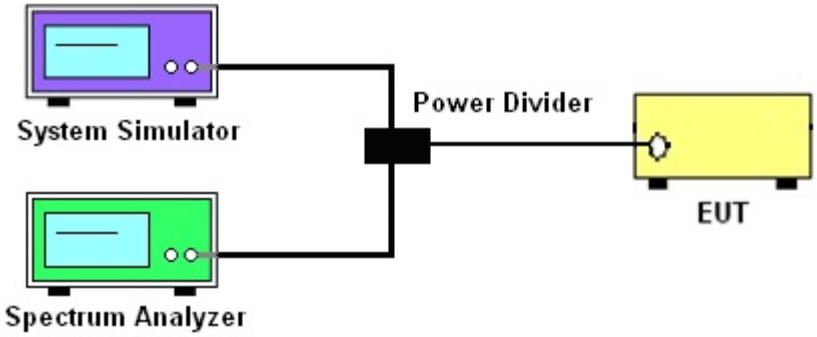
See list of measuring instruments of this test report.

3.1.1 Test Setup

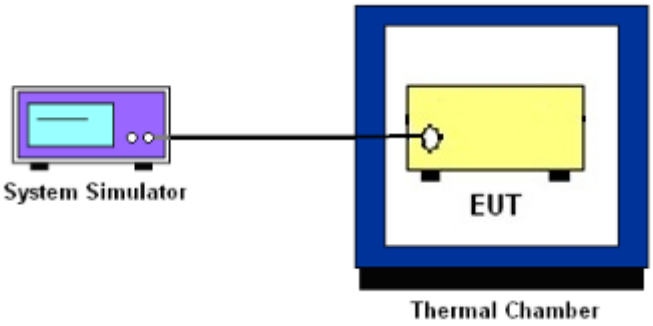
3.1.2 Conducted Output Power



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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power and EIRP

3.2.1 Description of the Conducted Output Power Measurement and EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n77 and n78

According to KDB 412172 D01 Power Approach,

EIRP = $P_T + G_T – L_C$, ERP = EIRP -2.15, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

Remark:

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, …, G_N dBi

(i) If transmit signals are *correlated*, then
Directional gain = $10 \log[(10^{G_1/20} + 10^{G_2/20} + \ldots + 10^{G_N/20})^2 / N_{ANT}]$ 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 = $10 \log[(10^{G_1/10} + 10^{G_2/10} + \ldots + 10^{G_N/10})/N_{ANT}]$ dBi

					TxD Mode	MIMO Mode
					Correlated	Uncorrelated
5G NR	Ant 6	Ant 1	Ant 7	Ant 5	NSS = 1	NSS = 2
n77/n78	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)
Ant. 6 + 1	0.60	-2.60	-1.80	-2.40	2.16	-0.71
Ant. 7 + 5	0.60	-2.60	-1.80	-2.40	0.92	-2.08
Ant. 6 + 5	0.60	-2.60	-1.80	-2.40	2.24	-0.64
Ant. 7 + 1	0.60	-2.60	-1.80	-2.40	0.82	-2.18

Directional gain for Ant. 6+1 correlated of TxD mode derived from formula which is
10 x log { { [10^ (0.6 dBi / 20) + 10^ (-2.6 dBi / 20)] ^ 2 } / 2 }
= 2.16 dBi

Directional gain for Ant. 6+1 uncorrelated of MIMO mode derived from formula which is
10 x log { [10^ (0.6 dBi / 10) + 10^ (-2.6 dBi / 10)] / 2 }
= -0.71 dBi

3.2.2 Test Procedures

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

3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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

3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.4.2 Test Procedures

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

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
   (this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “–X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

27.53 (n)(2)

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

3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. For EBW < 20MHz, set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. For EBW >=20MHz,set RBW = 200kHz in the 1MHz band immediately outside and adjacent to the band edge.
5. Between 1 ~5 MHz from the band edge, RBW=500 kHz was used.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.
   The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
9. For MIMO mode, add additional MIMO factor 10log(NTX=2) = 3.01dB 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.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10^{th} harmonic.

3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The 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 + 10log(P)dB below the transmitter power P(Watts)
10. For MIMO mode, add additional MIMO factor 10log(NTX=2) = 3.01dB into the spectrum analyzer offset.

3.7 Frequency Stability

3.7.1 Description of Frequency Stability Measurement

27.54

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

3.7.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.7.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

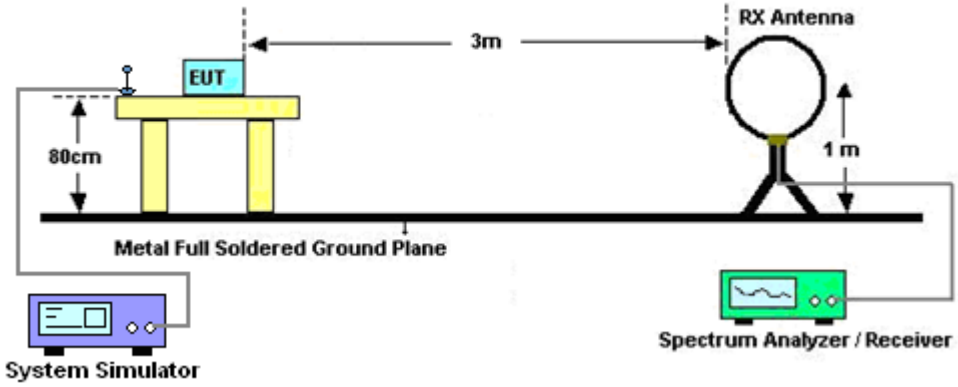
4 Radiated Test Items

4.1 Measuring Instruments

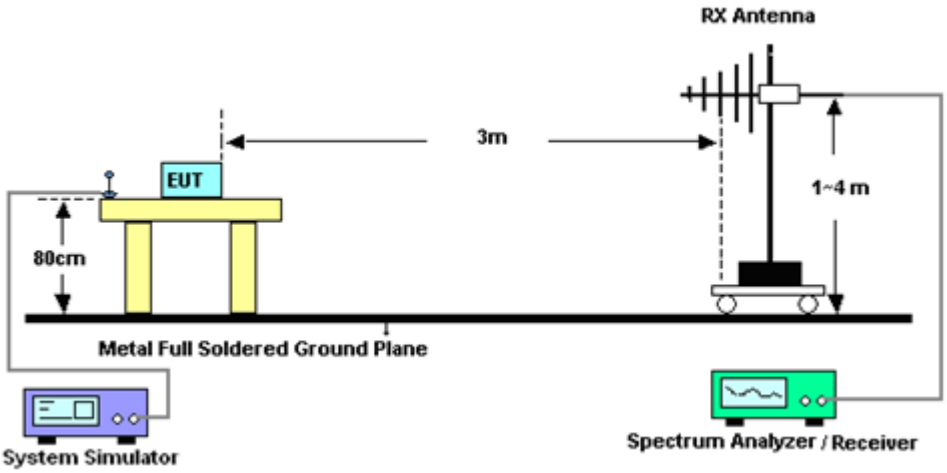
See list of measuring instruments of this test report.

4.1.1 Test Setup

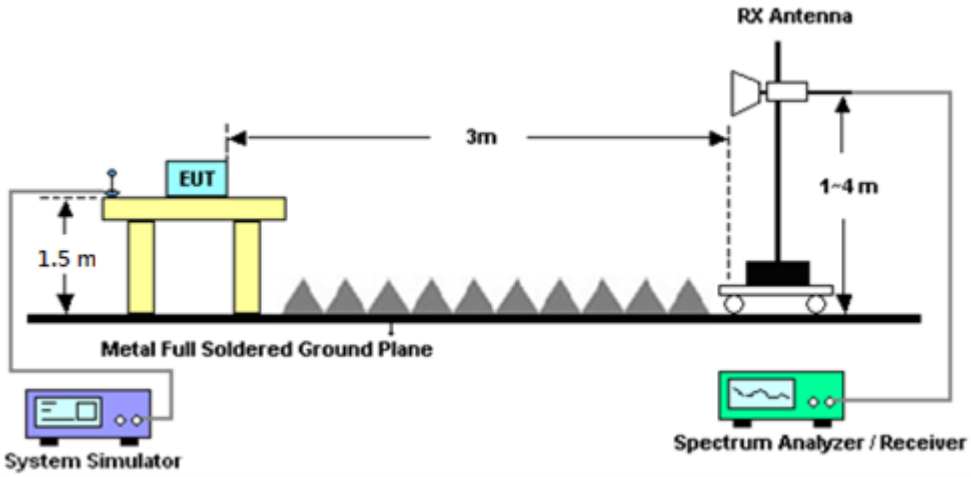
For radiated test below 30MHz



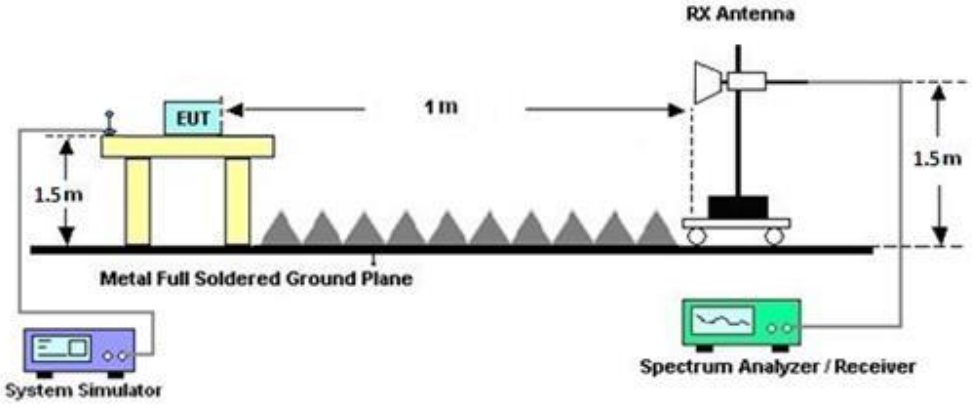
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

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

4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI / 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 + 10log(P)dB below the transmitter power P(Watts)
    EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
    ERP (dBm) = EIRP - 2.15

5 List of Measuring Equipment

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

6 Measurement Uncertainty

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

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

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

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

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

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

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and EIRP

<SISO Mode>
<Primary Antenna>

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	26.52	26.62	26.54	27.22	0.5272
10	1	22		26.47	26.45	26.48		
10	12	6		26.42	26.54	26.51		
10	1	0		23.01	23.14	23.01		
10	1	23		22.92	23.00	22.94		
10	24	0		25.93	26.02	26.01		
10	1	1	QPSK	26.50	26.60	26.53		
10	1	22		26.45	26.45	26.52		
10	12	6		26.44	26.52	26.55		
10	1	0		23.00	23.12	23.09		
10	1	23		22.94	22.93	22.94		
10	24	0		24.91	25.01	24.97		
10	1	1	16-QAM	25.45	25.68	25.69	26.29	0.4256
10	1	1	64-QAM	24.15	24.02	24.01		
10	1	1	256-QAM	21.87	21.97	21.96		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.56	26.65	26.45	27.30	0.5370
15	1	36		26.65	26.38	26.33		
15	18	9		26.58	26.46	26.45		
15	1	0		23.09	23.12	23.00		
15	1	37		23.14	22.91	22.87		
15	36	0		25.99	26.00	25.95		
15	1	1	QPSK	26.55	26.63	26.55		
15	1	36		26.70	26.43	26.41		
15	18	9		26.50	26.51	26.48		
15	1	0		23.06	23.19	23.02		
15	1	37		23.17	22.89	22.94		
15	36	0		24.97	24.97	24.99		
15	1	1	16-QAM	25.79	25.63	25.63	26.39	0.4355
15	1	1	64-QAM	24.16	24.31	24.02		
15	1	1	256-QAM	21.92	22.10	21.94		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.63	26.56	26.57	27.32	0.5395
20	1	49		26.72	26.38	26.39		
20	25	12		26.55	26.48	26.41		
20	1	0		23.10	23.15	23.02		
20	1	50		23.22	22.92	22.84		
20	50	0		26.03	25.97	25.89		
20	1	1	QPSK	26.66	26.68	26.54		
20	1	49		26.72	26.43	26.35		
20	25	12		26.54	26.52	26.40		
20	1	0		23.06	23.17	23.05		
20	1	50		23.11	22.92	22.85		
20	50	0		25.03	24.98	24.90		
20	1	1	16-QAM	25.65	25.73	25.53	26.33	0.4295
20	1	1	64-QAM	24.22	24.19	24.16		
20	1	1	256-QAM	22.07	22.20	22.09		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	26.56	26.56	26.44	27.33	0.5408
25	1	63		26.51	26.40	26.28		
25	32	16		26.26	25.95	26.33		
25	1	0		23.14	23.05	22.98		
25	1	64		23.02	22.88	22.74		
25	64	0		26.24	25.99	25.88		
25	1	1	QPSK	26.73	26.54	26.53		
25	1	63		26.65	26.39	26.31		
25	32	16		25.29	26.50	24.92		
25	1	0		23.22	23.08	23.02		
25	1	64		23.07	22.89	22.77		
25	64	0		25.29	24.97	24.85		
25	1	1	16-QAM	25.79	25.55	25.61	26.39	0.4355
25	1	1	64-QAM	24.27	23.70	23.87		
25	1	1	256-QAM	22.01	22.03	21.90		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.52	26.60	26.48	27.25	0.5309
30	1	76		26.44	26.37	26.40		
30	36	18		26.62	26.50	26.65		
30	1	0		23.01	23.07	23.00		
30	1	77		22.93	22.85	22.86		
30	75	0		26.11	25.98	25.96		
30	1	1	QPSK	26.53	26.59	26.48		
30	1	76		26.44	26.39	26.27		
30	36	18		26.62	26.48	26.65		
30	1	0		22.97	23.06	22.96		
30	1	77		22.93	22.88	22.85		
30	75	0		25.10	24.96	24.99		
30	1	1	16-QAM	25.33	25.63	25.50	26.23	0.4198
30	1	1	64-QAM	23.98	23.99	24.01		
30	1	1	256-QAM	21.98	21.86	22.09		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.57	26.61	26.54	27.32	0.5395
40	1	104		26.32	26.21	26.30		
40	50	25		26.67	26.46	26.53		
40	1	0		23.11	23.06	23.08		
40	1	105		22.84	22.63	22.74		
40	100	0		26.17	25.98	26.03		
40	1	1	QPSK	26.60	26.55	26.51		
40	1	104		26.36	26.24	22.68		
40	50	25		26.72	26.48	26.48		
40	1	0		23.16	23.04	23.02		
40	1	105		22.88	22.62	22.69		
40	100	0		25.22	24.96	24.94		
40	1	1	16-QAM	25.67	25.64	25.53	26.27	0.4236
40	1	1	64-QAM	24.09	24.07	24.04		
40	1	1	256-QAM	21.95	22.03	21.92		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.53	26.58	26.43	27.23	0.5284
50	1	131		26.28	26.15	26.18		
50	64	32		26.47	26.49	26.25		
50	1	0		23.03	23.16	22.97		
50	1	132		22.78	22.67	22.71		
50	128	0		25.96	25.99	25.75		
50	1	1	QPSK	26.52	26.63	26.44		
50	1	131		26.26	26.14	26.19		
50	64	32		26.50	26.49	26.27		
50	1	0		23.01	23.16	22.95		
50	1	132		22.80	22.67	22.69		
50	128	0		24.99	24.98	24.76		
50	1	1	16-QAM	25.49	25.73	25.39	26.33	0.4295
50	1	1	64-QAM	23.90	24.12	23.99		
50	1	1	256-QAM	21.97	22.20	21.93		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.63	26.66	26.67	27.33	0.5408
60	1	160		26.29	26.32	26.15		
60	81	40		26.62	26.50	26.34		
60	1	0		23.17	23.10	23.23		
60	1	161		22.76	22.79	22.66		
60	162	0		26.03	26.01	25.83		
60	1	1	QPSK	26.67	26.59	26.73		
60	1	160		26.27	26.23	26.13		
60	81	40		26.65	26.50	26.32		
60	1	0		23.19	23.16	23.18		
60	1	161		22.78	22.79	22.64		
60	162	0		24.99	25.01	24.79		
60	1	1	16-QAM	25.84	25.60	25.84	26.44	0.4406
60	1	1	64-QAM	24.43	24.12	24.22		
60	1	1	256-QAM	22.16	22.16	22.18		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.54	26.78	26.69	27.38	0.5470
70	1	187		26.06	26.26	26.03		
70	90	45		26.46	26.52	26.57		
70	1	0		23.10	23.28	23.25		
70	1	188		22.59	22.73	22.62		
70	180	0		25.90	26.02	26.06		
70	1	1	QPSK	26.52	26.73	26.70		
70	1	187		25.98	26.21	26.04		
70	90	45		26.42	26.53	26.59		
70	1	0		23.10	23.28	23.23		
70	1	188		22.62	22.76	22.55		
70	180	0		24.88	24.99	25.08		
70	1	1	16-QAM	25.44	25.80	25.70	26.40	0.4365
70	1	1	64-QAM	24.00	24.32	24.28		
70	1	1	256-QAM	21.89	21.97	22.49		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.61	26.51	26.54	27.25	0.5309
80	1	215		26.26	26.05	25.97		
80	108	54		26.65	26.50	26.44		
80	1	0		23.11	23.13	23.13		
80	1	216		26.14	22.56	22.57		
80	216	0		26.10	25.98	25.96		
80	1	1	QPSK	26.58	26.52	26.60		
80	1	215		26.17	26.00	26.02		
80	108	54		26.63	26.45	26.45		
80	1	0		23.12	23.12	23.09		
80	1	216		22.64	22.53	22.60		
80	216	0		25.07	25.00	25.00		
80	1	1	16-QAM	25.76	25.50	25.54	26.36	0.4325
80	1	1	64-QAM	24.14	23.95	24.08		
80	1	1	256-QAM	22.17	22.19	22.25		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.45	26.47	26.52	27.24	0.5297
90	1	243		26.03	25.90	25.82		
90	120	60		26.50	26.51	26.55		
90	1	0		23.11	23.13	23.14		
90	1	244		26.02	22.59	22.44		
90	243	0		26.05	25.95	26.01		
90	1	1	QPSK	26.56	26.48	26.64		
90	1	243		26.07	26.01	25.89		
90	120	60		26.53	26.49	26.50		
90	1	0		23.19	23.07	23.23		
90	1	244		22.68	22.55	22.49		
90	243	0		25.05	25.01	25.03		
90	1	1	16-QAM	25.63	25.52	25.77	26.37	0.4335
90	1	1	64-QAM	24.23	24.17	24.33		
90	1	1	256-QAM	21.74	22.10	22.16		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	26.62	-	27.29	0.5358
100	1	271		-	25.87	-		
100	135	67		-	26.48	-		
100	1	0		-	23.28	-		
100	1	272		-	22.53	-		
100	270	0		-	25.93	-		
100	1	1	QPSK	-	26.69	-		
100	1	271		-	26.02	-		
100	135	67		-	26.49	-		
100	1	0		-	23.16	-		
100	1	272		-	22.44	-		
100	270	0		-	24.95	-		
100	1	1	16-QAM	-	25.61	-	26.21	0.4178
100	1	1	64-QAM	-	24.00	-		
100	1	1	256-QAM	-	22.36	-		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	25.91	25.71	25.73	26.51	0.4477
10	1	22		25.69	25.81	25.73		
10	12	6		25.71	25.89	25.76		
10	1	0		22.36	22.20	22.18		
10	1	23		22.15	22.28	22.21		
10	24	0		25.20	25.39	25.24		
10	1	1	QPSK	25.88	25.75	25.74		
10	1	22		25.65	25.83	25.74		
10	12	6		25.69	25.89	25.78		
10	1	0		22.36	22.23	22.22		
10	1	23		22.08	22.30	22.25		
10	24	0		24.67	24.88	24.77		
10	1	1	16-QAM	25.03	24.85	24.63	25.63	0.3656
10	1	1	64-QAM	23.38	23.20	23.25		
10	1	1	256-QAM	21.27	21.18	21.17		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	25.88	25.73	25.73	26.57	0.4539
15	1	36		25.94	25.81	25.75		
15	18	9		25.74	25.91	25.70		
15	1	0		22.36	22.20	22.20		
15	1	37		22.39	22.25	22.19		
15	36	0		25.20	25.41	25.18		
15	1	1	QPSK	25.93	25.77	25.72		
15	1	36		25.97	25.87	25.69		
15	18	9		25.73	25.91	25.68		
15	1	0		22.40	22.24	22.19		
15	1	37		22.43	22.31	22.17		
15	36	0		24.70	24.91	24.67		
15	1	1	16-QAM	24.89	24.73	24.71	25.49	0.3540
15	1	1	64-QAM	23.57	23.30	23.12		
15	1	1	256-QAM	21.34	21.04	21.16		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.00	25.77	25.88	26.60	0.4571
20	1	49		25.96	25.68	25.72		
20	25	12		25.77	25.90	25.67		
20	1	0		22.44	22.20	22.32		
20	1	50		22.41	22.13	22.13		
20	50	0		25.25	25.41	25.15		
20	1	1	QPSK	25.98	25.78	25.86		
20	1	49		25.95	25.70	25.67		
20	25	12		25.73	25.90	25.68		
20	1	0		22.42	22.25	22.30		
20	1	50		22.38	22.15	22.11		
20	50	0		24.76	24.89	24.68		
20	1	1	16-QAM	24.95	24.73	24.81	25.55	0.3589
20	1	1	64-QAM	23.58	23.32	23.32		
20	1	1	256-QAM	21.23	21.14	21.20		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	26.04	25.87	25.79	26.69	0.4667
25	1	63		25.74	25.62	25.59		
25	32	16		26.09	25.91	25.60		
25	1	0		22.51	22.36	22.28		
25	1	64		22.21	22.09	22.08		
25	64	0		25.58	25.42	25.13		
25	1	1	QPSK	26.06	25.94	25.87		
25	1	63		25.70	25.68	25.67		
25	32	16		26.08	25.95	25.64		
25	1	0		22.49	22.40	22.33		
25	1	64		22.17	22.14	22.12		
25	64	0		25.06	24.91	24.58		
25	1	1	16-QAM	25.00	24.93	24.79	25.60	0.3631
25	1	1	64-QAM	23.62	23.43	23.33		
25	1	1	256-QAM	21.47	21.38	21.24		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	25.92	25.89	25.83	26.61	0.4581
30	1	76		25.55	25.64	25.69		
30	36	18		26.01	25.92	25.88		
30	1	0		22.44	22.39	22.35		
30	1	77		22.10	22.10	22.18		
30	75	0		25.49	25.41	25.21		
30	1	1	QPSK	25.97	25.95	25.88		
30	1	76		25.61	25.66	25.68		
30	36	18		26.01	25.94	25.89		
30	1	0		22.49	22.41	22.35		
30	1	77		22.08	22.14	22.19		
30	75	0		24.98	24.88	24.73		
30	1	1	16-QAM	25.02	25.00	24.97	25.62	0.3648
30	1	1	64-QAM	23.43	23.63	23.55		
30	1	1	256-QAM	21.61	21.35	21.46		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.07	26.02	25.79	26.67	0.4645
40	1	104		25.77	25.65	25.54		
40	50	25		26.03	25.95	25.82		
40	1	0		22.54	22.45	22.28		
40	1	105		22.22	22.07	22.05		
40	100	0		25.50	25.43	25.30		
40	1	1	QPSK	26.05	25.98	25.81		
40	1	104		25.72	25.62	25.59		
40	50	25		26.04	25.94	25.80		
40	1	0		22.54	22.44	22.28		
40	1	105		22.20	22.05	22.08		
40	100	0		25.06	24.91	24.79		
40	1	1	16-QAM	25.15	24.91	24.81	25.75	0.3758
40	1	1	64-QAM	23.69	23.48	23.31		
40	1	1	256-QAM	21.64	21.39	21.20		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.01	25.89	25.97	26.65	0.4624
50	1	131		25.70	25.56	25.47		
50	64	32		25.68	25.89	25.67		
50	1	0		22.49	22.34	22.45		
50	1	132		22.14	22.02	21.91		
50	128	0		25.19	25.42	25.16		
50	1	1	QPSK	26.05	25.88	25.89		
50	1	131		25.65	25.50	25.38		
50	64	32		25.70	25.93	25.63		
50	1	0		22.49	22.36	22.38		
50	1	132		22.15	22.04	21.85		
50	128	0		24.67	24.93	24.66		
50	1	1	16-QAM	25.04	25.02	25.00	25.64	0.3664
50	1	1	64-QAM	23.45	23.36	23.46		
50	1	1	256-QAM	21.54	21.27	21.46		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.07	25.88	25.82	26.67	0.4645
60	1	160		25.52	25.61	25.49		
60	81	40		25.77	25.91	25.73		
60	1	0		22.55	22.30	22.35		
60	1	161		22.02	22.05	21.99		
60	162	0		25.35	25.40	25.22		
60	1	1	QPSK	26.03	25.83	25.81		
60	1	160		25.49	25.58	25.47		
60	81	40		25.78	25.92	25.73		
60	1	0		22.55	22.35	22.34		
60	1	161		22.00	22.07	21.97		
60	162	0		24.84	24.89	24.71		
60	1	1	16-QAM	25.06	24.76	24.84	25.66	0.3681
60	1	1	64-QAM	23.59	23.23	23.39		
60	1	1	256-QAM	21.65	21.38	21.28		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.07	26.14	26.03	26.74	0.4721
70	1	187		25.38	25.53	25.48		
70	90	45		25.81	25.95	25.83		
70	1	0		22.59	22.67	22.55		
70	1	188		21.90	22.04	21.99		
70	180	0		25.33	25.42	25.29		
70	1	1	QPSK	26.04	26.14	26.00		
70	1	187		25.36	25.50	25.49		
70	90	45		25.83	25.94	25.81		
70	1	0		22.56	22.65	22.57		
70	1	188		21.89	22.01	22.01		
70	180	0		24.81	24.93	24.80		
70	1	1	16-QAM	25.16	25.26	24.99	25.86	0.3855
70	1	1	64-QAM	23.64	23.60	23.50		
70	1	1	256-QAM	21.70	21.60	21.41		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.15	25.90	25.87	26.75	0.4732
80	1	215		25.50	25.34	25.35		
80	108	54		25.76	25.91	25.72		
80	1	0		22.64	22.45	22.38		
80	1	216		22.04	21.88	21.91		
80	216	0		25.27	25.40	25.22		
80	1	1	QPSK	26.11	25.92	25.82		
80	1	215		25.47	25.26	25.31		
80	108	54		25.77	25.92	25.74		
80	1	0		22.64	22.43	22.38		
80	1	216		22.01	21.86	21.87		
80	216	0		24.74	24.91	24.71		
80	1	1	16-QAM	25.18	24.85	25.01	25.78	0.3784
80	1	1	64-QAM	23.69	23.53	23.27		
80	1	1	256-QAM	21.70	21.51	21.50		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.10	25.87	25.85	26.70	0.4677
90	1	243		25.21	25.28	25.30		
90	120	60		25.69	25.91	25.98		
90	1	0		22.66	22.45	22.46		
90	1	244		21.79	21.87	21.90		
90	243	0		25.16	25.39	25.43		
90	1	1	QPSK	26.10	25.79	25.78		
90	1	243		25.22	25.21	25.24		
90	120	60		25.71	25.91	25.96		
90	1	0		22.67	22.38	22.38		
90	1	244		21.79	21.76	21.87		
90	243	0		24.69	24.90	24.93		
90	1	1	16-QAM	25.14	24.80	24.89	25.74	0.3750
90	1	1	64-QAM	23.56	23.32	23.50		
90	1	1	256-QAM	21.52	21.31	21.60		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	25.96	-	26.62	0.4592
100	1	271		-	25.18	-		
100	135	67		-	25.93	-		
100	1	0		-	22.68	-		
100	1	272		-	21.85	-		
100	270	0		-	25.38	-		
100	1	1	QPSK	-	26.02	-		
100	1	271		-	25.24	-		
100	135	67		-	25.93	-		
100	1	0		-	22.64	-		
100	1	272		-	21.83	-		
100	270	0		-	24.89	-		
100	1	1	16-QAM	-	25.07	-	25.67	0.3690
100	1	1	64-QAM	-	23.73	-		
100	1	1	256-QAM	-	21.51	-		
Limit	EIRP < 1W			Result			Pass	

<ASDIV Antenna>

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	25.23	25.19	25.56	23.77	0.2382
10	1	22		25.18	25.16	25.40		
10	12	6		25.24	25.13	25.42		
10	1	0		22.22	22.15	22.50		
10	1	23		22.15	22.14	22.38		
10	24	0		25.23	25.20	25.43		
10	1	1	QPSK	25.24	25.23	25.57		
10	1	22		25.19	25.18	25.40		
10	12	6		25.25	25.16	25.44		
10	1	0		22.21	22.19	22.53		
10	1	23		22.17	22.14	22.37		
10	24	0		24.22	24.17	24.42		
10	1	1	16-QAM	24.76	24.76	25.23	23.43	0.2203
10	1	1	64-QAM	23.14	23.08	23.46		
10	1	1	256-QAM	21.06	21.21	21.36		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	25.21	25.20	25.63	23.83	0.2415
15	1	36		25.04	25.18	25.42		
15	18	9		25.24	25.17	25.52		
15	1	0		22.20	22.15	22.55		
15	1	37		22.00	22.10	22.36		
15	36	0		25.26	25.17	25.51		
15	1	1	QPSK	25.24	25.20	25.61		
15	1	36		25.09	25.14	25.43		
15	18	9		25.24	25.16	25.54		
15	1	0		22.22	22.17	22.56		
15	1	37		22.02	22.12	22.37		
15	36	0		24.22	24.14	24.50		
15	1	1	16-QAM	24.77	24.71	25.08	23.28	0.2128
15	1	1	64-QAM	23.23	23.11	23.63		
15	1	1	256-QAM	21.29	21.25	23.43		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	25.31	25.22	25.47	23.72	0.2355
20	1	49		25.08	25.07	25.32		
20	25	12		25.22	25.17	25.51		
20	1	0		22.24	22.22	22.41		
20	1	50		22.02	22.07	22.27		
20	50	0		25.25	25.17	25.49		
20	1	1	QPSK	25.30	25.24	25.52		
20	1	49		25.07	25.09	25.39		
20	25	12		25.25	25.19	25.52		
20	1	0		22.27	22.24	22.45		
20	1	50		22.02	22.07	22.27		
20	50	0		24.26	24.16	24.51		
20	1	1	16-QAM	24.86	24.87	25.00	23.20	0.2089
20	1	1	64-QAM	23.20	23.12	23.41		
20	1	1	256-QAM	21.33	21.32	21.49		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	25.34	25.38	25.43	23.70	0.2344
25	1	63		25.00	25.04	25.22		
25	32	16		25.18	25.15	25.48		
25	1	0		22.29	22.31	22.38		
25	1	64		21.97	21.97	22.21		
25	64	0		25.21	25.13	25.50		
25	1	1	QPSK	25.33	25.38	25.47		
25	1	63		25.00	25.07	25.23		
25	32	16		25.19	25.12	25.49		
25	1	0		22.31	22.34	22.40		
25	1	64		22.02	22.00	22.19		
25	64	0		24.16	24.13	24.47		
25	1	1	16-QAM	24.97	24.92	24.99	23.19	0.2084
25	1	1	64-QAM	23.39	23.32	23.42		
25	1	1	256-QAM	21.17	21.32	21.57		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	25.28	25.44	25.45	23.75	0.2371
30	1	76		24.94	25.08	25.31		
30	36	18		25.13	25.15	25.44		
30	1	0		22.27	22.43	22.49		
30	1	77		21.86	22.04	22.23		
30	75	0		25.07	25.19	25.55		
30	1	1	QPSK	25.32	25.43	25.53		
30	1	76		24.92	25.04	25.30		
30	36	18		25.14	25.17	25.44		
30	1	0		22.26	22.42	22.42		
30	1	77		21.86	22.02	22.26		
30	75	0		24.08	24.15	24.53		
30	1	1	16-QAM	24.83	24.96	24.91	23.16	0.2070
30	1	1	64-QAM	23.12	23.41	23.46		
30	1	1	256-QAM	21.36	21.43	21.44		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	25.34	25.49	25.40	23.71	0.2350
40	1	104		24.98	25.04	25.19		
40	50	25		25.15	25.13	25.37		
40	1	0		22.31	22.47	22.33		
40	1	105		21.91	22.02	22.15		
40	100	0		25.15	25.20	25.37		
40	1	1	QPSK	25.37	25.51	25.40		
40	1	104		24.99	25.08	25.23		
40	50	25		25.14	25.15	25.40		
40	1	0		22.35	22.47	22.37		
40	1	105		21.94	22.01	22.12		
40	100	0		24.13	24.17	24.34		
40	1	1	16-QAM	24.96	24.99	24.90	23.19	0.2084
40	1	1	64-QAM	23.37	23.42	23.42		
40	1	1	256-QAM	21.37	21.35	21.21		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	25.41	25.44	25.39	23.65	0.2317
50	1	131		24.71	25.04	25.13		
50	64	32		25.07	25.16	25.31		
50	1	0		22.42	22.41	22.39		
50	1	132		21.70	21.97	22.06		
50	128	0		25.11	25.17	25.30		
50	1	1	QPSK	25.37	25.45	25.40		
50	1	131		24.75	25.05	25.09		
50	64	32		25.11	25.17	25.32		
50	1	0		22.41	22.39	22.35		
50	1	132		21.74	21.96	22.06		
50	128	0		24.06	24.20	24.30		
50	1	1	16-QAM	25.00	25.12	25.04	23.32	0.2148
50	1	1	64-QAM	23.21	23.65	23.22		
50	1	1	256-QAM	21.29	21.38	21.34		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	25.38	25.43	25.41	23.64	0.2312
60	1	160		24.67	24.92	25.04		
60	81	40		25.12	25.17	25.27		
60	1	0		22.43	22.40	22.41		
60	1	161		21.65	21.90	21.99		
60	162	0		25.27	25.17	25.19		
60	1	1	QPSK	25.41	25.44	25.38		
60	1	160		24.70	24.90	25.02		
60	81	40		25.14	25.15	25.31		
60	1	0		22.42	22.43	22.40		
60	1	161		21.63	21.89	21.96		
60	162	0		24.31	24.17	24.23		
60	1	1	16-QAM	24.97	24.92	24.98	23.18	0.2080
60	1	1	64-QAM	23.22	23.41	23.55		
60	1	1	256-QAM	21.38	21.34	21.28		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	25.51	25.55	25.69	23.91	0.2460
70	1	187		24.73	24.94	25.00		
70	90	45		25.33	25.19	25.30		
70	1	0		22.46	22.51	22.69		
70	1	188		21.72	21.89	21.97		
70	180	0		25.29	25.22	25.31		
70	1	1	QPSK	25.54	25.50	25.71		
70	1	187		24.70	24.89	24.93		
70	90	45		25.31	25.20	25.31		
70	1	0		22.51	22.49	22.67		
70	1	188		21.71	21.87	21.92		
70	180	0		24.27	24.19	24.27		
70	1	1	16-QAM	25.12	25.05	25.33	23.53	0.2254
70	1	1	64-QAM	23.43	2.41	23.56		
70	1	1	256-QAM	21.49	21.43	21.72		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	25.58	25.64	25.58	23.86	0.2432
80	1	215		24.71	24.86	24.88		
80	108	54		25.12	25.19	25.23		
80	1	0		22.64	22.68	22.63		
80	1	216		21.74	21.91	21.89		
80	216	0		25.11	25.24	25.26		
80	1	1	QPSK	25.54	25.66	25.60		
80	1	215		24.66	24.88	24.89		
80	108	54		25.12	25.18	25.25		
80	1	0		22.61	22.68	22.64		
80	1	216		21.73	21.89	21.86		
80	216	0		24.14	24.22	24.25		
80	1	1	16-QAM	24.91	25.13	25.11	23.33	0.2153
80	1	1	64-QAM	23.55	23.56	23.62		
80	1	1	256-QAM	21.49	21.74	21.52		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	25.54	25.69	21.72	23.91	0.2460
90	1	243		24.75	24.73	24.72		
90	120	60		25.12	25.20	25.25		
90	1	0		22.65	22.76	22.81		
90	1	244		21.83	21.81	21.85		
90	243	0		25.11	25.20	25.25		
90	1	1	QPSK	25.55	25.71	25.71		
90	1	243		24.76	24.72	24.77		
90	120	60		25.17	25.20	25.26		
90	1	0		22.63	22.74	22.77		
90	1	244		21.81	21.78	21.84		
90	243	0		24.22	24.26	24.29		
90	1	1	16-QAM	25.14	25.02	25.08	23.34	0.2158
90	1	1	64-QAM	23.49	23.74	23.64		
90	1	1	256-QAM	21.50	21.72	21.76		
Limit	EIRP < 1W			Result			Pass	

NR n77 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	25.62	-	23.87	0.2438
100	1	271		-	24.67	-		
100	135	67		-	25.20	-		
100	1	0		-	22.77	-		
100	1	272		-	21.75	-		
100	270	0		-	25.22	-		
100	1	1	QPSK	-	25.67	-		
100	1	271		-	24.74	-		
100	135	67		-	25.21	-		
100	1	0		-	22.74	-		
100	1	272		-	21.73	-		
100	270	0		-	24.21	-		
100	1	1	16-QAM	-	25.01	-	23.21	0.2094
100	1	1	64-QAM	-	23.64	-		
100	1	1	256-QAM	-	21.67	-		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	25.23	25.17	25.59	23.79	0.2393
10	1	22		25.21	25.18	25.40		
10	12	6		25.23	25.16	25.45		
10	1	0		21.65	21.62	22.03		
10	1	23		21.70	21.58	21.84		
10	24	0		24.72	24.62	24.92		
10	1	1	QPSK	25..22	25.18	25.56		
10	1	22		25.19	25.16	25.42		
10	12	6		25.25	25.15	25.44		
10	1	0		21.71	21.60	22.03		
10	1	23		21.65	21.61	21.88		
10	24	0		24.22	24.14	24.41		
10	1	1	16-QAM	24.30	24.21	24.46	22.66	0.1845
10	1	1	64-QAM	22.60	22.75	23.02		
10	1	1	256-QAM	20.58	20.44	20.96		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	25.22	25.18	25.59	23.79	0.2393
15	1	36		25.08	25.12	25.34		
15	18	9		25.26	25.14	25.51		
15	1	0		21.74	21.63	22.00		
15	1	37		21.54	21.58	21.76		
15	36	0		24.75	24.65	24.98		
15	1	1	QPSK	25.28	25.19	25.55		
15	1	36		25.14	25.15	25.36		
15	18	9		25.29	25.16	25.50		
15	1	0		21.75	21.62	22.07		
15	1	37		21.56	21.61	21.82		
15	36	0		24.23	24.13	24.53		
15	1	1	16-QAM	24.32	24.25	24.51	22.71	0.1866
15	1	1	64-QAM	22.71	22.60	23.11		
15	1	1	256-QAM	20.67	20.84	21.06		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	25.27	25.19	25.45	23.68	0.2333
20	1	49		25.02	25.12	25.26		
20	25	12		25.22	25.14	25.47		
20	1	0		21.71	21.65	21.89		
20	1	50		21.49	21.51	21.74		
20	50	0		24.68	24.66	24.96		
20	1	1	QPSK	25.31	25.19	25.43		
20	1	49		25.05	25.11	25.34		
20	25	12		25.20	25.16	25.48		
20	1	0		21.69	21.61	21.94		
20	1	50		21.50	21.54	21.75		
20	50	0		24.17	24.13	24.48		
20	1	1	16-QAM	24.22	24.17	24.28	22.48	0.1770
20	1	1	64-QAM	22.74	22.70	22.81		
20	1	1	256-QAM	20.72	20.61	20.96		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	25.32	25.41	25.43	23.72	0.2355
25	1	63		25.05	25.06	25.28		
25	32	16		25.20	25.16	25.49		
25	1	0		21.82	21.79	21.92		
25	1	64		21.50	21.46	21.74		
25	64	0		24.67	24.63	24.99		
25	1	1	QPSK	25.33	25.41	25.44		
25	1	63		25.00	25.06	25.29		
25	32	16		25.22	25.17	25.52		
25	1	0		21.80	21.82	21.92		
25	1	64		21.49	21.51	21.71		
25	64	0		24.16	24.12	24.48		
25	1	1	16-QAM	24.53	24.32	24.44	22.73	0.1875
25	1	1	64-QAM	22.80	22.86	22.85		
25	1	1	256-QAM	20.63	20.65	20.88		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	25.32	25.47	25.49	23.69	0.2339
30	1	76		25.00	25.10	25.31		
30	36	18		25.19	25.20	25.44		
30	1	0		21.76	21.91	21.96		
30	1	77		21.41	21.51	21.73		
30	75	0		24.63	24.68	25.03		
30	1	1	QPSK	25.33	25.46	25.48		
30	1	76		25.00	25.10	25.33		
30	36	18		25.14	25.19	25.47		
30	1	0		21.81	21.92	21.98		
30	1	77		21.41	21.55	21.76		
30	75	0		24.10	24.15	24.54		
30	1	1	16-QAM	24.61	24.53	24.57	22.81	0.1910
30	1	1	64-QAM	22.93	22.80	23.01		
30	1	1	256-QAM	20.84	20.79	21.02		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	25.39	25.52	25.40	23.74	0.2366
40	1	104		25.02	25.06	25.22		
40	50	25		25.23	25.16	25.40		
40	1	0		21.85	21.92	21.87		
40	1	105		21.47	21.46	21.65		
40	100	0		24.66	24.66	24.89		
40	1	1	QPSK	25.36	25.54	25.44		
40	1	104		25.00	25.06	25.23		
40	50	25		25.17	25.17	25.43		
40	1	0		21.84	22.00	21.91		
40	1	105		21.53	21.52	21.67		
40	100	0		24.16	24.19	24.38		
40	1	1	16-QAM	24.38	24.61	24.51	22.81	0.1910
40	1	1	64-QAM	22.89	23.05	22.93		
40	1	1	256-QAM	20.81	21.01	22.86		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	25.45	25.50	25.43	23.70	0.2344
50	1	131		24.78	25.04	25.18		
50	64	32		25.15	25.17	25.37		
50	1	0		21.88	21.94	21.89		
50	1	132		21.28	21.49	21.63		
50	128	0		24.64	24.68	24.84		
50	1	1	QPSK	25.46	24.48	25.15		
50	1	131		24.78	25.00	25.43		
50	64	32		25.14	25.19	25.36		
50	1	0		21.89	21.94	21.94		
50	1	132		21.26	21.53	21.63		
50	128	0		24.13	24.22	24.39		
50	1	1	16-QAM	24.45	24.44	24.47	22.67	0.1849
50	1	1	64-QAM	22.94	22.93	22.87		
50	1	1	256-QAM	20.79	20.77	20.84		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	25.46	25.43	25.42	23.66	0.2323
60	1	160		24.71	24.94	25.03		
60	81	40		25.15	25.22	25.35		
60	1	0		21.93	21.99	21.94		
60	1	161		21.20	21.47	21.53		
60	162	0		24.76	24.74	24.83		
60	1	1	QPSK	25.42	25.45	25.43		
60	1	160		24.73	24.96	25.02		
60	81	40		25.14	25.21	25.34		
60	1	0		21.94	22.00	21.91		
60	1	161		21.12	21.46	21.52		
60	162	0		24.29	24.19	24.33		
60	1	1	16-QAM	24.37	24.43	24.41	22.63	0.1832
60	1	1	64-QAM	22.92	22.95	22.86		
60	1	1	256-QAM	20.92	20.84	20.83		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	25.49	25.53	25.72	23.92	0.2466
70	1	187		24.71	24.92	24.97		
70	90	45		25.32	25.23	25.33		
70	1	0		21.99	22.05	22.24		
70	1	188		21.24	21.45	21.49		
70	180	0		24.83	24.73	24.82		
70	1	1	QPSK	25.53	25.53	25.70		
70	1	187		24.73	24.89	24.96		
70	90	45		25.32	25.25	25.33		
70	1	0		22.03	22.09	22.20		
70	1	188		21.24	21.43	21.45		
70	180	0		24.31	24.23	24.32		
70	1	1	16-QAM	24.47	24.56	24.65	22.85	0.1928
70	1	1	64-QAM	23.07	23.07	23.18		
70	1	1	256-QAM	20.94	20.92	21.22		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	25.57	25.71	25.57	23.91	0.2460
80	1	215		24.74	24.91	24.85		
80	108	54		25.15	25.22	25.31		
80	1	0		22.11	22.23	22.13		
80	1	216		21.24	21.45	21.43		
80	216	0		24.66	24.75	24.83		
80	1	1	QPSK	25.57	25.68	25.62		
80	1	215		24.74	24.93	24.89		
80	108	54		25.16	25.26	25.33		
80	1	0		22.07	22.24	22.14		
80	1	216		21.27	21.46	21.44		
80	216	0		24.19	24.26	24.30		
80	1	1	16-QAM	24.56	24.79	24.66	22.99	0.1991
80	1	1	64-QAM	23.12	23.18	23.11		
80	1	1	256-QAM	21.13	21.26	21.11		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	25.61	25.71	25.71	23.94	0.2477
90	1	243		24.76	24.76	24.78		
90	120	60		25.14	25.25	25.27		
90	1	0		22.18	22.27	22.31		
90	1	244		21.36	21.37	21.39		
90	243	0		24.66	24.76	24.79		
90	1	1	QPSK	25.62	25.69	25.74		
90	1	243		24.79	24.77	24.82		
90	120	60		25.14	25.23	25.32		
90	1	0		22.17	22.27	22.33		
90	1	244		21.38	21.33	21.37		
90	243	0		24.15	24.24	24.28		
90	1	1	16-QAM	24.75	24.76	24.90	23.10	0.2042
90	1	1	64-QAM	23.09	23.17	23.32		
90	1	1	256-QAM	21.13	21.19	21.21		
Limit	EIRP < 1W			Result			Pass	

NR n78 HPUE Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	25.69	-	23.93	0.2472
100	1	271		-	24.72	-		
100	135	67		-	25.26	-		
100	1	0		-	22.29	-		
100	1	272		-	21.35	-		
100	270	0		-	24.76	-		
100	1	1	QPSK	-	25.73	-		
100	1	271		-	24.76	-		
100	135	67		-	25.26	-		
100	1	0		-	22.33	-		
100	1	272		-	21.32	-		
100	270	0		-	24.26	-		
100	1	1	16-QAM	-	24.71	-	22.91	0.1954
100	1	1	64-QAM	-	23.22	-		
100	1	1	256-QAM	-	21.47	-		
Limit	EIRP < 1W			Result			Pass	

MIMO <Ant.6+1>

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	23.57	23.55	23.49	23.52	23.68	23.62	26.56	26.63	26.57	25.92	0.3908
10	1	22		23.42	23.64	23.54	23.46	23.45	23.51	26.45	26.56	26.54		
10	12	6		23.47	23.72	23.61	23.53	23.51	23.49	26.51	26.63	26.56		
10	1	0		20.11	20.09	20.06	19.94	20.08	20.11	23.04	23.10	23.10		
10	1	23		19.92	20.18	20.01	19.79	19.85	19.91	22.87	23.03	22.97		
10	24	0		20.47	20.71	20.56	20.49	20.48	20.47	23.49	23.61	23.53		
10	1	1	16-QAM	23.12	22.82	22.79	23.07	23.02	22.80	26.11	25.93	25.81	25.40	0.3467
10	1	1	64-QAM	21.63	21.55	21.62	21.51	21.66	21.49	24.58	24.62	24.57		
10	1	1	256-QAM	17.07	16.93	16.95	16.93	17.09	17.00	20.01	20.02	19.99		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	23.60	23.46	23.47	23.41	23.69	23.63	26.52	26.59	26.56	26.03	0.4009
15	1	36		23.72	23.61	23.35	23.48	23.54	23.37	26.61	26.59	26.37		
15	19	9		23.53	23.76	23.49	23.52	23.70	23.58	26.54	26.74	26.55		
15	1	0		20.24	20.10	20.04	19.94	20.33	20.07	23.10	23.23	23.07		
15	1	37		20.19	20.07	19.90	19.99	19.94	19.78	23.10	23.02	22.85		
15	38	0		20.49	20.74	20.48	20.40	20.64	20.55	23.46	23.70	23.53		
15	1	1	16-QAM	23.21	22.92	22.93	23.15	23.35	23.23	26.19	26.15	26.09	25.48	0.3532
15	1	1	64-QAM	21.54	21.41	21.29	21.45	21.59	21.70	24.51	24.51	24.51		
15	1	1	256-QAM	17.14	16.84	17.10	16.86	17.21	16.99	20.01	20.04	20.06		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	23.78	23.63	23.73	23.60	23.83	23.55	26.70	26.74	26.65	26.03	0.4009
20	1	49		23.75	23.45	23.50	23.49	23.28	23.23	26.63	26.38	26.38		
20	25	12		23.56	23.72	23.54	23.52	23.54	23.63	26.55	26.64	26.60		
20	1	0		20.36	20.12	20.27	20.04	20.24	20.02	23.21	23.19	23.16		
20	1	50		20.16	19.86	19.95	20.00	19.80	19.78	23.09	22.84	22.88		
20	51	0		20.50	20.70	20.49	20.57	20.49	20.53	23.55	23.61	23.52		
20	1	1	16-QAM	23.04	22.87	23.37	22.99	22.27	23.95	26.03	25.59	26.68	25.97	0.3954
20	1	1	64-QAM	21.80	21.51	21.60	21.77	21.81	21.84	24.80	24.67	24.73		
20	1	1	256-QAM	16.95	17.05	17.16	19.09	17.09	16.99	21.16	20.08	20.09		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	23.81	23.83	23.71	23.62	23.66	23.67	26.73	26.76	26.70	26.05	0.4027
25	1	63		23.41	23.39	23.40	23.42	23.28	23.23	26.43	26.35	26.33		
25	33	16		23.88	23.75	23.51	23.62	23.44	23.64	26.76	26.61	26.59		
25	1	0		20.35	20.29	20.28	20.00	20.22	20.11	23.19	23.27	23.21		
25	1	64		19.90	19.83	19.92	19.83	19.76	19.73	22.88	22.81	22.84		
25	65	0		20.84	20.72	20.47	20.58	20.50	20.56	23.72	23.62	23.53		
25	1	1	16-QAM	23.37	23.20	23.25	23.17	23.12	23.11	26.28	26.17	26.19	25.57	0.3606
25	1	1	64-QAM	21.59	21.46	21.67	21.60	21.90	21.68	24.61	24.70	24.69		
25	1	1	256-QAM	17.18	17.29	17.18	17.19	17.00	19.09	20.20	20.16	21.25		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	23.85	23.84	23.65	23.68	23.70	23.51	26.78	26.78	26.59	26.07	0.4046
30	1	76		23.28	23.32	23.40	23.47	23.31	23.32	26.39	26.33	26.37		
30	39	19		23.79	23.74	23.57	23.70	23.55	23.66	26.76	26.66	26.63		
30	1	0		20.34	20.35	20.20	20.09	20.24	19.95	23.23	23.31	23.09		
30	1	77		19.90	19.84	19.89	19.91	19.80	19.74	22.92	22.83	22.83		
30	78	0		20.77	20.73	20.52	20.56	20.53	20.62	23.68	23.64	23.58		
30	1	1	16-QAM	23.14	23.22	23.14	23.27	23.26	22.91	26.22	26.25	26.04	25.54	0.3581
30	1	1	64-QAM	21.79	21.74	21.58	21.49	21.81	21.54	24.65	24.79	24.57		
30	1	1	256-QAM	17.15	17.20	17.20	17.09	16.82	16.98	20.13	20.02	20.10		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	23.80	23.91	23.65	23.66	23.78	23.78	26.74	26.86	26.73	26.15	0.4121
40	1	104		23.41	23.38	23.32	23.48	23.05	23.35	26.46	26.23	26.35		
40	53	26		23.83	23.76	23.64	23.64	23.54	23.61	26.75	26.66	26.64		
40	1	0		20.41	20.41	20.16	20.15	20.25	20.27	23.29	23.34	23.23		
40	1	105		19.94	19.80	19.76	19.92	19.52	19.81	22.94	22.67	22.80		
40	106	0		20.79	20.75	20.61	20.59	20.52	20.53	23.70	23.65	23.58		
40	1	1	16-QAM	23.10	23.41	23.22	23.23	23.21	23.04	26.18	26.32	26.14	25.61	0.3639
40	1	1	64-QAM	21.72	21.79	21.49	21.58	21.89	21.88	24.66	24.85	24.70		
40	1	1	256-QAM	17.30	17.16	17.22	16.98	17.23	17.07	20.15	20.21	20.16		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	23.96	23.83	23.98	23.72	23.85	23.79	26.85	26.85	26.90	26.19	0.4159
50	1	131		23.41	23.32	23.32	23.28	23.00	23.18	26.36	26.17	26.26		
50	67	33		23.55	23.78	23.69	23.59	23.55	23.59	26.58	26.68	26.65		
50	1	0		20.47	20.38	20.53	20.18	20.28	20.30	23.34	23.34	23.43		
50	1	132		19.94	19.85	19.81	19.79	19.51	19.71	22.88	22.69	22.77		
50	133	0		20.49	20.76	20.65	20.57	20.55	20.52	23.54	23.67	23.60		
50	1	1	16-QAM	23.42	23.38	23.39	23.27	23.28	23.25	26.36	26.34	26.33	25.65	0.3673
50	1	1	64-QAM	21.72	21.72	21.78	21.76	21.88	21.81	24.75	24.81	24.81		
50	1	1	256-QAM	17.22	17.26	17.43	17.13	17.46	17.07	20.19	20.37	20.26		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	23.87	23.85	23.78	23.91	23.78	24.20	26.90	26.83	27.01	26.30	0.4266
60	1	160		23.02	23.27	23.13	23.28	23.15	23.17	26.16	26.22	26.16		
60	81	40		23.63	23.77	23.56	23.79	23.55	23.44	26.72	26.67	26.51		
60	1	0		20.47	20.35	20.33	20.36	20.24	20.58	23.43	23.31	23.47		
60	1	161		19.59	19.79	19.65	19.80	19.67	19.61	22.71	22.74	22.64		
60	162	0		20.63	20.78	20.55	20.75	20.54	20.39	23.70	23.67	23.48		
60	1	1	16-QAM	23.47	23.26	23.24	23.24	23.33	23.71	26.37	26.31	26.49	25.78	0.3784
60	1	1	64-QAM	21.92	21.77	21.71	21.74	21.71	22.09	24.84	24.75	24.91		
60	1	1	256-QAM	17.21	17.30	17.35	17.09	17.18	17.61	20.16	20.25	20.49		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	24.00	24.13	24.03	23.86	23.92	24.05	26.94	27.04	27.05	26.34	0.4305
70	1	187		23.05	23.23	23.09	22.86	23.20	23.20	25.97	26.23	26.16		
70	95	47		23.72	23.81	23.65	23.66	23.60	23.61	26.70	26.72	26.64		
70	1	0		20.51	20.76	20.58	20.25	20.34	20.53	23.39	23.57	23.57		
70	1	188		19.61	19.77	19.48	19.33	19.60	19.72	22.48	22.70	22.61		
70	189	0		20.62	20.74	20.65	20.60	20.63	20.60	23.62	23.70	23.64		
70	1	1	16-QAM	23.47	23.63	23.66	23.40	23.31	23.42	26.45	26.48	26.55	25.84	0.3837
70	1	1	64-QAM	22.05	22.02	21.97	21.76	21.87	22.00	24.92	24.96	25.00		
70	1	1	256-QAM	17.34	17.89	17.83	17.17	17.18	17.51	20.27	20.56	20.68		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	24.03	24.10	23.88	23.76	23.88	23.97	26.91	27.00	26.94	26.29	0.4256
80	1	215		23.10	23.09	23.02	23.13	23.07	23.04	26.13	26.09	26.04		
80	109	54		23.62	23.75	23.65	23.85	23.54	23.52	26.75	26.66	26.60		
80	1	0		20.66	20.56	20.52	20.45	20.37	20.44	23.57	23.48	23.49		
80	1	216		19.64	19.54	19.50	19.62	19.53	19.60	22.64	22.55	22.56		
80	217	0		20.56	20.83	20.64	20.72	20.52	20.57	23.65	23.69	23.62		
80	1	1	16-QAM	23.69	23.50	23.49	23.66	23.44	23.36	26.69	26.48	26.44	25.98	0.3963
80	1	1	64-QAM	21.90	21.61	21.91	21.64	21.52	21.96	24.78	24.58	24.95		
80	1	1	256-QAM	17.50	17.07	17.70	17.25	17.27	17.73	20.39	20.18	20.73		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	24.17	24.07	24.10	23.94	23.98	24.03	27.07	27.04	27.08	26.37	0.4335
90	1	243		22.88	23.00	23.01	23.10	22.98	22.99	26.00	26.00	26.01		
90	123	61		23.67	23.87	23.86	23.85	23.67	23.63	26.77	26.78	26.76		
90	1	0		20.76	20.62	20.72	20.50	20.46	20.57	23.64	23.55	23.66		
90	1	244		19.42	19.51	19.62	19.64	19.50	19.57	22.54	22.52	22.61		
90	245	0		20.66	20.86	20.86	20.78	20.65	20.65	23.73	23.77	23.77		
90	1	1	16-QAM	23.80	23.32	23.67	23.54	23.47	23.49	26.68	26.41	26.59	25.97	0.3954
90	1	1	64-QAM	22.18	22.02	22.27	21.88	21.93	22.10	25.04	24.99	25.20		
90	1	1	256-QAM	17.52	17.41	17.59	17.26	17.36	17.51	20.40	20.40	20.56		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	23.70	-	-	23.55	-	-	26.64	-	25.93	0.3917
100	1	271		-	23.05	-	-	22.88	-	-	25.98	-		
100	137	68		-	23.59	-	-	23.37	-	-	26.49	-		
100	1	0		-	20.26	-	-	20.11	-	-	23.20	-		
100	1	272		-	19.59	-	-	19.44	-	-	22.53	-		
100	273	0		-	20.56	-	-	20.34	-	-	23.46	-		
100	1	1	16-QAM	-	23.12	-	-	23.07	-	-	26.11	-	25.40	0.3467
100	1	1	64-QAM	-	21.98	-	-	21.47	-	-	24.74	-		
100	1	1	256-QAM	-	17.22	-	-	17.07	-	-	20.16	-		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	21.45	21.46	21.92	21.25	21.19	21.32	24.36	24.34	24.64	23.93	0.2472
10	1	22		21.41	21.45	21.83	21.24	21.08	20.97	24.34	24.28	24.43		
10	12	6		21.43	21.47	21.81	21.21	21.06	20.93	24.33	24.28	24.40		
10	1	0		19.46	19.48	19.92	19.25	19.13	19.26	22.37	22.32	22.61		
10	1	23		19.39	19.46	19.79	19.17	19.02	18.92	22.29	22.26	22.39		
10	24	0		19.97	19.94	20.33	19.67	19.58	19.47	22.83	22.77	22.93		
10	1	1	16-QAM	20.82	20.96	21.39	20.79	20.71	20.85	23.82	23.85	24.14	23.43	0.2203
10	1	1	64-QAM	19.47	19.37	19.99	19.13	19.13	18.94	22.31	22.26	22.51		
10	1	1	256-QAM	16.25	16.43	16.71	16.03	16.15	16.09	19.15	19.30	19.42		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	21.51	21.48	21.96	21.30	21.19	21.32	24.42	24.35	24.66	23.95	0.2483
15	1	36		21.34	21.41	21.81	21.21	20.98	20.95	24.29	24.21	24.41		
15	19	9		21.51	21.50	21.91	21.26	21.13	21.23	24.40	24.33	24.59		
15	1	0		19.55	19.57	20.03	19.29	19.15	19.32	22.43	22.38	22.70		
15	1	37		19.35	19.46	19.82	19.13	18.99	18.93	22.25	22.24	22.41		
15	38	0		19.95	19.96	20.37	19.72	19.63	19.67	22.85	22.81	23.04		
15	1	1	16-QAM	20.81	20.92	21.41	20.66	20.86	20.91	23.75	23.90	24.18	23.47	0.2223
15	1	1	64-QAM	19.46	19.47	19.84	19.23	19.12	19.26	22.36	22.31	22.57		
15	1	1	256-QAM	16.35	16.49	17.02	16.26	16.18	16.34	19.32	19.35	19.70		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	21.56	21.50	21.85	21.26	21.25	21.37	24.42	24.39	24.63	23.92	0.2466
20	1	49		21.44	21.39	21.81	21.12	20.93	20.92	24.29	24.18	24.40		
20	25	12		21.52	21.50	21.93	21.29	21.13	21.26	24.42	24.33	24.62		
20	1	0		19.62	19.53	19.88	19.28	19.25	19.37	22.46	22.40	22.64		
20	1	50		19.32	19.34	19.80	19.13	18.87	18.87	22.24	22.12	22.37		
20	51	0		20.02	19.99	20.42	19.76	19.63	19.73	22.90	22.82	23.10		
20	1	1	16-QAM	21.06	20.86	21.23	20.77	20.62	20.84	23.93	23.75	24.05	23.34	0.2158
20	1	1	64-QAM	19.35	19.44	19.73	19.26	19.17	19.47	22.32	22.32	22.61		
20	1	1	256-QAM	16.62	16.49	16.93	16.30	16.14	16.21	19.47	19.33	19.60		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	21.66	21.79	21.72	21.33	21.37	21.44	24.51	24.60	24.59	23.89	0.2449
25	1	63		21.45	21.37	21.66	21.03	20.90	20.87	24.26	24.15	24.29		
25	33	16		21.44	21.48	21.89	21.21	21.17	21.25	24.34	24.34	24.59		
25	1	0		19.71	19.76	19.74	19.34	19.37	19.39	22.54	22.58	22.58		
25	1	64		19.45	19.38	19.65	19.03	18.87	18.84	22.26	22.14	22.27		
25	65	0		19.92	20.39	20.38	19.71	19.63	19.70	22.83	23.04	23.06		
25	1	1	16-QAM	21.06	21.13	21.23	20.73	20.97	20.79	23.91	24.06	24.03	23.35	0.2163
25	1	1	64-QAM	19.43	19.73	19.69	19.24	19.42	19.31	22.35	22.59	22.51		
25	1	1	256-QAM	16.68	16.33	16.76	16.35	16.16	16.20	19.53	19.26	19.50		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	21.58	21.78	21.80	21.35	21.42	21.22	24.48	24.61	24.53	23.92	0.2466
30	1	76		21.33	21.31	21.77	21.07	20.93	20.90	24.21	24.13	24.37		
30	39	19		21.43	21.50	21.91	21.25	21.17	21.31	24.35	24.35	24.63		
30	1	0		19.59	19.82	19.88	19.32	19.39	19.25	22.47	22.62	22.59		
30	1	77		19.35	19.34	19.76	19.01	18.84	18.92	22.19	22.11	22.37		
30	78	0		19.92	20.00	20.38	19.75	19.64	19.79	22.85	22.83	23.11		
30	1	1	16-QAM	21.04	21.29	21.07	20.84	20.88	20.64	23.95	24.10	23.87	23.39	0.2183
30	1	1	64-QAM	19.44	19.79	19.67	19.34	19.43	19.28	22.40	22.62	22.49		
30	1	1	256-QAM	16.40	16.64	16.69	16.13	16.32	16.13	19.28	19.49	19.43		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	21.61	21.82	21.72	21.39	21.45	21.31	24.51	24.65	24.53	23.94	0.2477
40	1	104		21.44	21.39	21.71	21.04	20.76	20.81	24.25	24.10	24.29		
40	53	26		21.46	21.50	21.72	21.25	21.14	21.26	24.37	24.33	24.51		
40	1	0		19.64	19.90	19.78	19.34	19.43	19.31	22.50	22.68	22.56		
40	1	105		19.35	19.35	19.65	19.07	18.73	18.82	22.22	22.06	22.27		
40	106	0		19.98	19.98	20.20	19.71	19.64	19.68	22.86	22.82	22.96		
40	1	1	16-QAM	20.93	21.30	21.02	20.87	21.03	20.66	23.91	24.18	23.85	23.47	0.2223
40	1	1	64-QAM	19.60	19.80	19.54	19.42	19.39	19.33	22.52	22.61	22.45		
40	1	1	256-QAM	16.29	16.92	16.68	16.08	16.37	16.23	19.20	19.66	19.47		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.60	21.74	21.74	21.39	21.41	21.41	24.51	24.59	24.59	23.88	0.2443
50	1	131		21.16	21.39	21.64	20.84	20.72	20.63	24.01	24.08	24.17		
50	67	33		21.44	21.50	21.65	21.18	21.15	21.20	24.32	24.34	24.44		
50	1	0		19.72	19.77	19.78	19.33	19.43	19.38	22.54	22.61	22.59		
50	1	132		19.20	19.41	19.58	18.88	18.74	18.66	22.05	22.10	22.15		
50	133	0		19.90	20.03	20.17	19.62	19.67	19.68	22.77	22.86	22.94		
50	1	1	16-QAM	21.07	21.17	21.04	20.93	20.81	20.93	24.01	24.00	24.00	23.30	0.2138
50	1	1	64-QAM	19.56	19.65	19.73	19.46	19.34	19.46	22.52	22.51	22.61		
50	1	1	256-QAM	16.53	16.91	16.90	16.32	16.39	16.25	19.44	19.67	19.60		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	21.72	21.72	21.73	21.52	21.41	21.44	24.63	24.58	24.60	23.92	0.2466
60	1	160		21.18	21.33	21.44	20.71	20.89	20.57	23.96	24.13	24.04		
60	81	40		21.55	21.58	21.68	21.23	21.23	21.01	24.40	24.42	24.37		
60	1	0		19.81	19.75	19.82	19.55	19.43	19.42	22.69	22.60	22.63		
60	1	161		19.12	19.28	19.46	18.68	18.97	18.58	21.92	22.14	22.05		
60	162	0		20.16	20.10	20.18	19.80	19.67	19.45	22.99	22.90	22.84		
60	1	1	16-QAM	21.18	21.44	21.29	21.02	20.91	21.14	24.11	24.19	24.23	23.52	0.2249
60	1	1	64-QAM	19.83	19.83	19.82	19.53	19.37	19.28	22.69	22.62	22.57		
60	1	1	256-QAM	16.66	16.63	16.83	16.29	16.42	16.44	19.49	19.54	19.65		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	21.74	21.78	22.10	21.46	21.47	21.68	24.61	24.64	24.91	24.20	0.2630
70	1	187		21.13	21.31	21.53	20.50	20.84	20.58	23.84	24.09	24.09		
70	95	47		21.68	21.59	21.68	21.33	21.21	21.15	24.52	24.41	24.43		
70	1	0		19.84	19.78	20.18	19.50	19.53	19.56	22.68	22.67	22.89		
70	1	188		19.09	19.30	19.49	18.50	18.75	18.52	21.82	22.04	22.04		
70	189	0		20.10	20.09	20.20	19.73	19.70	19.67	22.93	22.91	22.95		
70	1	1	16-QAM	21.07	21.29	21.58	21.21	20.98	21.16	24.15	24.15	24.39	23.68	0.2333
70	1	1	64-QAM	19.90	19.67	19.99	19.52	19.42	19.58	22.72	22.56	22.80		
70	1	1	256-QAM	16.69	16.77	17.09	16.35	16.47	16.63	19.53	19.63	19.88		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	21.83	21.91	21.92	21.58	21.62	21.52	24.72	24.78	24.73	24.07	0.2553
80	1	215		21.23	21.43	21.37	20.80	20.77	20.43	24.03	24.12	23.94		
80	109	54		21.50	21.57	21.62	21.24	21.21	21.15	24.38	24.40	24.40		
80	1	0		19.92	19.95	19.96	19.60	19.64	19.60	22.77	22.81	22.79		
80	1	216		19.12	19.36	19.32	18.78	18.75	18.50	21.96	22.08	21.94		
80	217	0		20.01	20.06	20.15	19.67	19.68	19.58	22.85	22.88	22.88		
80	1	1	16-QAM	21.24	21.24	21.36	21.07	21.25	21.02	24.17	24.26	24.20	23.55	0.2265
80	1	1	64-QAM	19.85	19.84	19.78	19.43	19.59	19.50	22.66	22.73	22.65		
80	1	1	256-QAM	16.85	16.88	16.98	16.51	16.77	16.63	19.69	19.84	19.82		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	21.86	21.95	22.01	21.62	21.65	21.72	24.75	24.81	24.88	24.17	0.2612
90	1	243		21.15	21.30	21.41	20.68	20.47	20.48	23.93	23.92	23.98		
90	123	61		21.50	21.58	21.66	21.18	21.46	21.29	24.35	24.53	24.49		
90	1	0		19.94	20.02	20.10	19.70	19.66	19.75	22.83	22.85	22.94		
90	1	244		19.26	19.33	19.35	18.75	18.47	18.52	22.02	21.93	21.97		
90	245	0		20.09	20.08	20.15	19.61	19.72	19.70	22.87	22.91	22.94		
90	1	1	16-QAM	21.43	21.61	21.43	21.02	21.09	21.27	24.24	24.37	24.36	23.66	0.2323
90	1	1	64-QAM	19.78	19.95	19.93	19.54	19.59	19.66	22.67	22.78	22.81		
90	1	1	256-QAM	16.83	17.01	16.83	16.41	16.74	16.77	19.64	19.89	19.81		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.71 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	22.05	-	-	21.59	-	-	24.84	-	24.13	0.2588
100	1	271		-	21.19	-	-	20.37	-	-	23.81	-		
100	137	68		-	21.58	-	-	21.25	-	-	24.43	-		
100	1	0		-	20.15	-	-	19.67	-	-	22.93	-		
100	1	272		-	19.28	-	-	18.39	-	-	21.87	-		
100	273	0		-	20.12	-	-	19.69	-	-	22.92	-		
100	1	1	16-QAM	-	21.57	-	-	21.15	-	-	24.38	-	23.67	0.2328
100	1	1	64-QAM	-	19.93	-	-	19.66	-	-	22.81	-		
100	1	1	256-QAM	-	16.96	-	-	16.74	-	-	19.86	-		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	22.06	22.05	21.79	23.28	23.47	23.22	25.72	25.83	25.57	23.75	0.2371
10	1	22		22.00	21.91	21.68	23.30	23.29	23.07	25.71	25.66	25.44		
10	12	6		22.07	21.96	21.72	23.31	23.31	23.11	25.74	25.70	25.48		
10	1	0		18.59	18.56	18.31	19.75	19.97	19.70	22.22	22.33	22.07		
10	1	23		18.55	18.36	18.16	19.74	19.73	19.54	22.20	22.11	21.91		
10	24	0		19.06	18.94	18.67	20.27	20.36	20.06	22.72	22.72	22.43		
10	1	1	16-QAM	21.62	21.45	21.25	22.74	22.94	22.59	25.23	25.27	24.98	23.19	0.2084
10	1	1	64-QAM	19.91	19.99	19.84	21.23	21.45	21.26	23.63	23.79	23.62		
10	1	1	256-QAM	15.41	15.41	15.21	16.74	17.20	16.70	19.14	19.41	19.03		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	22.28	22.16	22.00	23.35	23.38	23.13	25.86	25.82	25.61	23.78	0.2388
15	1	36		22.12	21.81	21.53	23.08	23.11	23.06	25.64	25.52	25.37		
15	19	9		22.23	21.99	21.89	23.27	23.22	23.17	25.79	25.66	25.59		
15	1	0		18.78	18.70	18.50	19.80	19.81	19.62	22.33	22.30	22.11		
15	1	37		18.59	18.29	18.18	19.51	19.55	19.52	22.08	21.98	21.91		
15	38	0		19.16	18.98	18.84	20.26	20.22	20.11	22.76	22.65	22.53		
15	1	1	16-QAM	21.56	21.73	21.57	22.89	22.89	22.54	25.29	25.36	25.09	23.28	0.2128
15	1	1	64-QAM	20.04	20.13	20.01	21.23	21.26	21.14	23.69	23.74	23.62		
15	1	1	256-QAM	15.79	15.51	15.27	16.81	16.86	16.50	19.34	19.25	18.94		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	22.34	21.87	21.94	23.38	23.09	23.08	25.90	25.53	25.56	23.82	0.2410
20	1	49		22.17	21.87	21.72	23.05	23.09	23.04	25.64	25.53	25.44		
20	25	12		22.28	22.10	21.91	23.28	23.33	23.18	25.82	25.77	25.60		
20	1	0		18.81	18.77	18.46	19.83	19.94	19.63	22.36	22.40	22.09		
20	1	50		18.63	18.33	18.18	19.46	19.54	19.49	22.08	21.99	21.89		
20	51	0		19.31	19.06	18.90	20.26	20.27	20.13	22.82	22.72	22.57		
20	1	1	16-QAM	21.61	21.72	21.46	23.02	22.92	22.46	25.38	25.37	25.00	23.3	0.2138
20	1	1	64-QAM	19.85	20.06	19.93	21.46	21.29	21.10	23.74	23.73	23.56		
20	1	1	256-QAM	15.65	17.78	15.41	16.88	16.95	16.52	19.32	20.40	19.01		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	22.36	22.18	22.07	23.32	23.31	23.12	25.88	25.79	25.64	23.80	0.2399
25	1	63		22.11	21.88	21.67	22.87	22.93	22.95	25.52	25.45	25.37		
25	33	16		22.32	22.08	21.93	23.25	23.31	23.16	25.82	25.75	25.60		
25	1	0		18.92	18.77	18.52	19.78	19.73	19.60	22.38	22.29	22.10		
25	1	64		18.51	18.38	18.20	19.37	19.50	19.45	21.97	21.99	21.88		
25	65	0		19.29	19.06	18.89	20.20	20.25	20.13	22.78	22.71	22.56		
25	1	1	16-QAM	21.82	21.64	21.52	22.74	22.92	22.67	25.31	25.34	25.14	23.26	0.2118
25	1	1	64-QAM	20.25	20.31	19.95	21.29	21.14	21.09	23.81	23.76	23.57		
25	1	1	256-QAM	15.65	15.58	15.31	16.78	16.75	16.65	19.26	19.21	19.04		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	22.34	22.28	21.88	23.46	23.35	23.06	25.95	25.86	25.52	23.87	0.2438
30	1	76		21.98	21.84	21.69	23.00	23.13	22.97	25.53	25.54	25.39		
30	39	19		22.28	22.10	21.94	23.28	23.36	23.21	25.82	25.79	25.63		
30	1	0		18.86	18.81	18.40	19.92	19.90	19.55	22.43	22.40	22.02		
30	1	77		18.52	18.28	18.18	19.56	19.47	19.43	22.08	21.93	21.86		
30	78	0		19.22	19.05	18.93	20.23	20.26	20.14	22.76	22.71	22.59		
30	1	1	16-QAM	21.85	21.78	21.41	22.98	22.80	22.55	25.46	25.33	25.03	23.38	0.2178
30	1	1	64-QAM	20.38	20.18	19.78	21.69	21.29	21.05	24.09	23.78	23.47		
30	1	1	256-QAM	15.67	15.77	15.37	16.83	16.80	16.26	19.30	19.33	18.85		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	22.48	22.33	22.24	23.59	23.31	23.40	26.08	25.86	25.87	24.00	0.2512
40	1	104		21.90	21.51	21.64	23.11	22.69	22.97	25.56	25.15	25.37		
40	53	26		22.25	22.10	21.90	23.20	23.35	23.14	25.76	25.78	25.57		
40	1	0		18.89	18.82	18.67	20.02	19.75	19.98	22.50	22.32	22.38		
40	1	105		18.38	17.88	18.13	19.60	19.20	19.44	22.04	21.60	21.84		
40	106	0		19.16	19.05	18.89	20.15	20.25	20.14	22.69	22.70	22.57		
40	1	1	16-QAM	21.74	21.63	22.13	23.05	22.82	22.69	25.45	25.28	25.43	23.37	0.2173
40	1	1	64-QAM	20.40	20.22	20.02	21.41	21.27	21.43	23.94	23.79	23.79		
40	1	1	256-QAM	15.67	15.69	15.55	16.92	16.78	16.81	19.35	19.28	19.24		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	22.44	22.39	22.17	23.55	23.24	23.71	26.04	25.85	26.02	23.96	0.2489
50	1	131		21.89	21.51	21.37	23.22	22.56	22.97	25.62	25.08	25.25		
50	67	33		22.18	22.13	21.91	23.16	23.35	23.11	25.71	25.79	25.56		
50	1	0		19.01	18.91	18.85	20.04	19.74	20.12	22.57	22.36	22.54		
50	1	132		18.37	18.04	17.98	19.61	19.09	19.40	22.04	21.61	21.76		
50	133	0		19.10	19.11	18.91	20.16	20.25	20.12	22.67	22.73	22.57		
50	1	1	16-QAM	21.83	21.36	21.64	23.06	22.93	23.01	25.50	25.23	25.39	23.42	0.2198
50	1	1	64-QAM	20.36	20.28	20.22	21.65	21.27	21.66	24.06	23.81	24.01		
50	1	1	256-QAM	15.89	15.89	15.60	17.01	16.62	16.97	19.50	19.28	19.35		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	22.42	22.39	22.44	23.64	23.26	23.68	26.08	25.86	26.11	24.03	0.2529
60	1	160		21.49	21.48	21.35	22.94	22.68	22.74	25.29	25.13	25.11		
60	81	40		22.07	22.07	21.67	23.14	23.28	22.90	25.65	25.73	25.34		
60	1	0		19.02	18.97	18.90	20.05	19.79	20.14	22.58	22.41	22.57		
60	1	161		17.95	17.96	17.79	19.46	19.13	19.25	21.78	21.59	21.59		
60	162	0		19.06	19.13	18.60	20.26	20.20	19.91	22.71	22.71	22.31		
60	1	1	16-QAM	21.76	21.96	22.34	23.17	22.64	22.93	25.53	25.32	25.66	23.58	0.2280
60	1	1	64-QAM	20.48	20.59	20.50	21.53	21.29	21.66	24.05	23.96	24.13		
60	1	1	256-QAM	15.91	15.84	15.57	16.97	16.72	17.30	19.48	19.31	19.53		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	22.53	22.50	22.51	23.56	23.43	23.44	26.09	26.00	26.01	24.01	0.2518
70	1	187		21.36	21.47	21.33	22.52	22.60	22.64	24.99	25.08	25.04		
70	95	47		22.16	22.09	22.06	23.26	23.31	23.23	25.76	25.75	25.69		
70	1	0		19.06	19.10	19.06	20.13	19.96	19.96	22.64	22.56	22.54		
70	1	188		17.77	17.95	17.85	18.95	19.09	19.23	21.41	21.57	21.60		
70	189	0		19.12	19.12	19.06	20.23	20.20	20.19	22.72	22.70	22.67		
70	1	1	16-QAM	22.13	22.06	22.16	23.04	22.89	22.99	25.62	25.51	25.61	23.54	0.2259
70	1	1	64-QAM	20.61	20.52	20.48	21.52	21.55	21.42	24.10	24.08	23.99		
70	1	1	256-QAM	15.76	16.18	16.22	16.80	16.84	16.89	19.32	19.53	19.58		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	22.69	22.63	22.49	23.69	23.57	23.39	26.23	26.14	25.97	24.15	0.2600
80	1	215		21.35	21.30	21.23	22.60	22.62	22.68	25.03	25.02	25.03		
80	109	54		22.33	22.08	22.06	23.46	23.23	23.21	25.94	25.70	25.68		
80	1	0		20.22	19.14	19.12	19.18	20.06	19.89	22.74	22.63	22.53		
80	1	216		17.84	17.93	17.84	19.16	19.16	19.16	21.56	21.60	21.56		
80	217	0		19.30	19.11	19.07	20.40	20.80	20.21	22.90	23.05	22.69		
80	1	1	16-QAM	22.09	22.24	22.19	23.16	22.93	22.96	25.67	25.61	25.60	23.59	0.2286
80	1	1	64-QAM	20.58	20.77	20.63	21.55	21.54	21.46	24.10	24.18	24.07		
80	1	1	256-QAM	15.81	16.07	16.07	16.88	17.06	16.89	19.39	19.60	19.51		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	22.60	22.72	22.82	23.63	23.65	23.55	26.16	26.22	26.21	24.14	0.2594
90	1	243		21.22	21.25	21.21	22.57	22.52	22.63	24.96	24.94	24.99		
90	123	61		22.24	22.12	22.10	23.45	23.26	23.28	25.90	25.74	25.74		
90	1	0		19.23	19.33	19.31	20.19	20.15	20.12	22.75	22.77	22.74		
90	1	244		17.83	17.77	17.79	19.08	18.99	19.17	21.51	21.43	21.54		
90	245	0		19.24	19.13	19.10	20.35	20.21	20.19	22.84	22.71	22.69		
90	1	1	16-QAM	22.12	22.06	22.47	23.15	23.28	22.98	25.68	25.72	25.74	23.66	0.2323
90	1	1	64-QAM	20.53	20.75	20.70	21.66	21.76	21.50	24.14	24.29	24.13		
90	1	1	256-QAM	16.00	16.17	16.17	16.92	17.24	17.08	19.49	19.75	19.66		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	22.15	-	-	23.40	-	-	25.83	-	23.75	0.2371
100	1	271		-	21.07	-	-	22.52	-	-	24.87	-		
100	137	68		-	21.90	-	-	23.32	-	-	25.68	-		
100	1	0		-	18.75	-	-	19.94	-	-	22.40	-		
100	1	272		-	17.72	-	-	19.07	-	-	21.46	-		
100	273	0		-	18.87	-	-	20.20	-	-	22.60	-		
100	1	1	16-QAM	-	21.72	-	-	22.92	-	-	25.37	-	23.29	0.2133
100	1	1	64-QAM	-	20.30	-	-	21.41	-	-	23.90	-		
100	1	1	256-QAM	-	15.74	-	-	17.02	-	-	19.44	-		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	20.13	21.05	21.00	20.94	20.67	20.53	23.56	23.87	23.78	21.83	0.1524
10	1	22		20.14	21.07	20.76	20.95	20.72	20.33	23.57	23.91	23.56		
10	12	6		20.23	21.06	20.68	20.92	20.07	20.33	23.60	23.60	23.52		
10	1	0		18.18	19.17	19.00	18.89	18.61	18.54	21.56	21.91	21.79		
10	1	23		18.13	19.02	18.68	18.83	18.72	18.23	21.50	21.88	21.47		
10	24	0		18.68	19.55	19.17	19.44	19.15	18.81	22.09	22.36	22.00		
10	1	1	16-QAM	19.73	20.45	20.43	20.44	20.11	20.09	23.11	23.29	23.27	21.21	0.1321
10	1	1	64-QAM	18.15	19.00	18.86	18.79	18.53	18.66	21.49	21.78	21.77		
10	1	1	256-QAM	15.04	15.91	15.77	15.98	15.56	15.70	18.55	18.75	18.75		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	20.19	21.06	21.00	20.94	20.63	20.72	23.59	23.86	23.87	21.82	0.1521
15	1	36		20.00	20.96	20.58	20.78	20.63	20.43	23.42	23.81	23.52		
15	19	9		20.22	21.10	21.00	20.96	20.67	20.54	23.62	23.90	23.79		
15	1	0		18.22	19.10	19.00	18.92	18.62	18.71	21.59	21.88	21.87		
15	1	37		18.00	18.92	18.62	18.78	18.64	18.48	21.42	21.79	21.56		
15	38	0		18.67	19.57	19.46	19.42	19.15	19.05	22.07	22.38	22.27		
15	1	1	16-QAM	19.69	20.45	20.52	20.52	20.20	20.48	23.14	23.34	23.51	21.43	0.1390
15	1	1	64-QAM	18.13	19.00	19.08	18.84	18.77	18.73	21.51	21.90	21.92		
15	1	1	256-QAM	15.13	16.00	15.92	16.10	15.75	15.57	18.65	18.89	18.76		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	20.22	21.12	21.07	21.07	20.74	20.69	23.68	23.94	23.89	21.86	0.1535
20	1	49		20.02	20.87	20.61	20.78	20.59	20.34	23.43	23.74	23.49		
20	25	12		20.20	21.10	20.97	20.95	20.73	20.55	23.60	23.93	23.78		
20	1	0		18.25	19.17	19.12	19.00	18.68	18.72	21.65	21.94	21.93		
20	1	50		18.00	18.84	18.55	18.73	18.55	18.21	21.39	21.71	21.39		
20	51	0		18.70	19.56	19.44	19.42	19.18	19.04	22.09	22.38	22.25		
20	1	1	16-QAM	19.63	20.58	20.46	20.64	20.13	20.22	23.17	23.37	23.35	21.29	0.1346
20	1	1	64-QAM	18.25	19.00	19.00	19.25	18.78	18.77	21.79	21.90	21.90		
20	1	1	256-QAM	15.25	16.04	15.99	16.00	15.73	15.67	18.65	18.90	18.84		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	20.33	21.31	21.16	20.96	20.75	20.70	23.67	24.05	23.95	21.97	0.1574
25	1	63		19.86	20.85	20.59	20.51	20.47	20.24	23.21	23.67	23.43		
25	33	16		20.24	21.11	21.02	20.85	20.72	20.55	23.57	23.93	23.80		
25	1	0		18.35	19.36	19.17	18.96	18.76	18.76	21.68	22.08	21.98		
25	1	64		17.92	18.83	18.64	18.46	18.45	18.18	21.21	21.65	21.43		
25	65	0		18.65	19.60	19.49	19.35	19.18	19.05	22.02	22.41	22.29		
25	1	1	16-QAM	19.65	20.62	20.55	20.64	20.46	20.46	23.18	23.55	23.52	21.47	0.1403
25	1	1	64-QAM	18.25	19.18	19.07	18.70	18.49	18.63	21.49	21.86	21.87		
25	1	1	256-QAM	15.31	16.23	16.02	16.00	15.78	15.79	18.68	19.02	18.92		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	20.27	21.30	21.02	21.01	20.82	20.74	23.67	24.08	23.89	22.00	0.1585
30	1	76		19.77	20.75	20.63	20.45	20.58	20.23	23.13	23.68	23.44		
30	39	19		20.15	21.13	21.06	20.85	20.77	20.63	23.52	23.96	23.86		
30	1	0		18.32	19.38	19.06	19.00	18.85	18.75	21.68	22.13	21.92		
30	1	77		17.78	18.80	18.63	18.43	18.54	18.23	21.13	21.68	21.44		
30	78	0		18.58	19.58	19.53	19.29	19.18	19.12	21.96	22.39	22.34		
30	1	1	16-QAM	19.72	20.74	20.32	20.53	20.26	20.22	23.15	23.52	23.28	21.44	0.1393
30	1	1	64-QAM	18.09	19.21	18.94	18.93	18.82	18.73	21.54	22.03	21.85		
30	1	1	256-QAM	15.21	16.23	15.92	15.85	15.69	15.53	18.55	18.98	18.74		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	20.34	21.44	21.10	21.04	20.87	20.91	23.71	24.17	24.02	22.09	0.1618
40	1	104		19.73	20.64	20.52	20.45	20.32	20.26	23.12	23.49	23.40		
40	53	26		20.09	21.07	21.00	20.79	20.77	20.70	23.46	23.93	23.86		
40	1	0		18.37	19.52	19.14	19.06	18.86	18.90	21.74	22.21	22.03		
40	1	105		17.79	18.56	18.45	18.42	18.29	18.22	21.13	21.44	21.35		
40	106	0		18.56	19.64	19.46	19.23	19.22	19.21	21.92	22.45	22.35		
40	1	1	16-QAM	19.78	21.02	20.68	20.43	20.20	20.44	23.13	23.64	23.57	21.56	0.1432
40	1	1	64-QAM	18.23	19.58	19.00	19.16	18.99	18.92	21.73	22.31	21.97		
40	1	1	256-QAM	15.23	16.32	15.92	15.91	15.72	15.78	18.59	19.04	18.86		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	20.43	21.45	21.28	21.12	20.88	20.98	23.80	24.18	24.14	22.10	0.1622
50	1	131		19.60	20.64	20.35	20.46	20.32	20.10	23.06	23.49	23.24		
50	67	33		20.03	21.10	21.03	20.71	20.72	20.72	23.39	23.92	23.89		
50	1	0		18.53	19.42	19.27	19.17	18.88	18.96	21.87	22.17	22.13		
50	1	132		17.65	18.65	18.43	18.43	18.25	18.05	21.07	21.46	21.25		
50	133	0		18.42	19.59	19.50	19.19	19.18	19.18	21.83	22.40	22.35		
50	1	1	16-QAM	20.00	20.89	20.69	20.65	20.53	20.42	23.35	23.72	23.57	21.64	0.1459
50	1	1	64-QAM	18.40	19.24	19.00	19.24	18.69	19.00	21.85	21.98	22.01		
50	1	1	256-QAM	15.24	16.42	16.06	16.16	15.95	16.00	18.73	19.20	19.04		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	20.78	21.48	21.32	20.36	20.94	20.87	23.59	24.23	24.11	22.15	0.1641
60	1	160		20.02	20.65	20.32	20.06	20.27	20.00	23.05	23.47	23.17		
60	81	40		20.66	21.12	20.84	20.24	20.75	20.53	23.47	23.95	23.70		
60	1	0		18.83	19.53	19.38	18.36	18.96	18.80	21.61	22.26	22.11		
60	1	161		18.07	18.68	18.32	18.03	18.25	17.95	21.06	21.48	21.15		
60	162	0		19.11	19.63	19.33	18.75	19.19	18.95	21.94	22.43	22.15		
60	1	1	16-QAM	20.37	20.86	20.65	19.83	20.42	20.45	23.12	23.66	23.56	21.58	0.1439
60	1	1	64-QAM	18.75	19.43	19.20	18.52	18.96	18.72	21.65	22.21	21.98		
60	1	1	256-QAM	15.78	16.35	16.27	15.20	15.90	15.91	18.51	19.14	19.10		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	20.43	21.69	21.61	21.24	21.21	21.09	23.86	24.47	24.37	22.39	0.1734
70	1	187		19.15	20.65	20.50	20.13	20.22	20.00	22.68	23.45	23.27		
70	95	47		20.03	21.15	21.03	20.76	20.75	20.72	23.42	23.96	23.89		
70	1	0		18.51	19.70	19.60	19.23	19.25	19.05	21.90	22.49	22.34		
70	1	188		17.06	18.57	18.30	18.06	18.16	17.94	20.60	21.38	21.13		
70	189	0		18.51	19.65	19.47	19.33	19.21	19.10	21.95	22.45	22.30		
70	1	1	16-QAM	19.96	21.09	21.08	20.55	20.64	20.66	23.28	23.88	23.89	21.81	0.1517
70	1	1	64-QAM	18.48	19.70	19.37	19.32	19.34	18.94	21.93	22.53	22.17		
70	1	1	256-QAM	15.23	16.56	16.63	16.21	16.12	16.11	18.76	19.36	19.39		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	20.63	21.83	21.57	21.24	21.35	21.10	23.96	24.61	24.35	22.53	0.1791
80	1	215		19.43	20.51	20.23	20.21	20.04	19.89	22.85	23.29	23.07		
80	109	54		19.97	21.18	21.05	20.73	20.77	20.68	23.38	23.99	23.88		
80	1	0		18.73	19.89	19.62	19.33	19.32	19.13	22.05	22.62	22.39		
80	1	216		17.35	18.53	18.18	18.20	18.04	17.94	20.81	21.30	21.07		
80	217	0		18.49	19.68	19.51	19.24	19.23	19.11	21.89	22.47	22.32		
80	1	1	16-QAM	20.09	21.30	21.00	20.81	20.73	20.56	23.48	24.03	23.80	21.95	0.1567
80	1	1	64-QAM	18.47	19.92	19.48	19.62	19.55	18.89	22.09	22.75	22.21		
80	1	1	256-QAM	15.29	16.63	16.84	16.31	16.45	16.24	18.84	19.55	19.56		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	20.60	21.95	21.83	21.23	21.37	21.41	23.94	24.68	24.64	22.60	0.1820
90	1	243		19.27	20.22	20.18	20.00	19.79	19.89	22.66	23.02	23.05		
90	123	61		19.89	21.19	21.17	20.71	20.78	20.77	23.33	24.00	23.98		
90	1	0		18.73	19.96	20.00	19.45	19.39	19.47	22.12	22.69	22.75		
90	1	244		17.23	18.21	18.21	17.96	17.80	17.87	20.62	21.02	21.05		
90	245	0		18.44	19.70	19.68	19.21	19.21	19.23	21.85	22.47	22.47		
90	1	1	16-QAM	20.10	21.53	21.26	20.92	21.01	20.78	23.54	24.29	24.04	22.21	0.1663
90	1	1	64-QAM	18.45	20.98	19.75	19.36	19.56	19.26	21.94	23.34	22.52		
90	1	1	256-QAM	15.78	17.00	16.96	16.42	16.32	16.68	19.12	19.68	19.83		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.08 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	21.93	-	-	21.37	-	-	24.67	-	22.59	0.1816
100	1	271		-	20.12	-	-	19.77	-	-	22.96	-		
100	137	68		-	21.21	-	-	20.74	-	-	23.99	-		
100	1	0		-	20.02	-	-	19.38	-	-	22.72	-		
100	1	272		-	18.21	-	-	17.91	-	-	21.07	-		
100	273	0		-	19.73	-	-	19.24	-	-	22.50	-		
100	1	1	16-QAM	-	21.30	-	-	21.00	-	-	24.16	-	22.08	0.1614
100	1	1	64-QAM	-	19.85	-	-	19.42	-	-	22.65	-		
100	1	1	256-QAM	-	16.96	-	-	16.63	-	-	19.81	-		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	23.50	23.34	23.47	23.35	23.52	23.23	26.44	26.44	26.36	25.82	0.3819
10	1	22		23.35	23.57	23.53	23.41	23.29	23.08	26.39	26.44	26.32		
10	12	6		23.41	23.58	23.52	23.33	23.32	23.06	26.38	26.46	26.31		
10	1	0		20.05	19.91	19.97	19.86	19.98	19.75	22.97	22.96	22.87		
10	1	23		19.79	20.01	20.01	19.81	19.70	19.53	22.81	22.87	22.79		
10	24	0		20.35	20.58	20.53	20.28	20.34	20.11	23.33	23.47	23.34		
10	1	1	16-QAM	22.96	22.83	22.83	22.68	22.94	22.75	25.83	25.90	25.80	25.26	0.3357
10	1	1	64-QAM	21.60	21.47	21.48	21.16	21.40	21.19	24.40	24.45	24.35		
10	1	1	256-QAM	17.00	16.78	16.76	16.76	16.94	16.76	19.89	19.87	19.77		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	23.89	23.58	23.64	23.31	23.45	23.16	26.62	26.53	26.42	25.98	0.3963
15	1	36		23.75	23.60	23.54	23.19	23.18	23.10	26.49	26.41	26.34		
15	19	9		23.64	23.71	23.64	23.33	23.29	23.23	26.50	26.52	26.45		
15	1	0		20.32	20.09	20.14	19.87	19.88	19.67	23.11	23.00	22.92		
15	1	37		20.27	20.07	20.04	19.63	19.67	19.57	22.97	22.88	22.82		
15	38	0		20.56	20.73	20.60	20.30	20.28	20.19	23.44	23.52	23.41		
15	1	1	16-QAM	23.23	23.07	23.02	22.94	22.95	22.62	26.10	26.02	25.83	25.46	0.3516
15	1	1	64-QAM	21.82	21.61	21.30	21.38	21.37	21.18	24.62	24.50	24.25		
15	1	1	256-QAM	17.20	16.91	17.09	16.82	16.88	16.58	20.02	19.91	19.85		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	23.87	23.66	23.90	23.46	23.50	23.23	26.68	26.59	26.59	26.04	0.4018
20	1	49		23.89	19.90	23.57	23.14	19.60	23.06	26.54	22.76	26.33		
20	25	12		23.56	23.76	23.64	23.35	23.34	23.25	26.47	26.57	26.46		
20	1	0		20.41	20.18	20.32	19.92	19.92	19.60	23.18	23.06	22.99		
20	1	50		20.32	19.87	20.02	19.61	19.64	19.58	22.99	22.77	22.82		
20	51	0		20.65	20.75	20.61	20.30	20.31	20.21	23.49	23.55	23.42		
20	1	1	16-QAM	23.22	23.02	23.31	23.20	23.00	22.68	26.22	26.02	26.02	25.58	0.3614
20	1	1	64-QAM	21.64	21.53	21.50	21.34	21.40	21.18	24.50	24.48	24.35		
20	1	1	256-QAM	17.18	16.84	17.30	16.64	16.91	16.65	19.93	19.89	20.00		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	23.84	23.84	23.80	23.47	23.34	23.21	26.67	26.61	26.53	26.03	0.4009
25	1	63		23.49	23.39	23.53	22.89	23.04	22.98	26.21	26.23	26.27		
25	33	16		23.95	23.77	23.61	23.33	23.40	23.19	26.66	26.60	26.42		
25	1	0		20.40	20.31	20.40	19.84	19.84	19.71	23.14	23.09	23.08		
25	1	64		20.04	19.89	20.02	19.40	19.55	19.49	22.74	22.73	22.77		
25	65	0		20.91	20.75	20.58	20.30	20.26	20.16	23.63	23.52	23.39		
25	1	1	16-QAM	23.24	23.39	23.38	22.86	22.88	22.67	26.06	26.15	26.05	25.51	0.3556
25	1	1	64-QAM	21.89	21.67	21.82	21.14	21.22	21.16	24.54	24.46	24.51		
25	1	1	256-QAM	17.21	16.99	17.11	16.88	16.75	16.79	20.06	19.88	19.96		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	23.93	23.89	23.86	23.51	23.37	23.17	26.74	26.65	26.54	26.10	0.4074
30	1	76		23.46	23.37	23.50	23.00	23.06	23.08	26.25	26.23	26.31		
30	39	19		23.90	23.80	23.69	23.31	23.37	23.23	26.63	26.60	26.48		
30	1	0		20.40	20.41	20.33	19.96	19.84	19.62	23.20	23.14	23.00		
30	1	77		19.95	19.88	19.87	19.51	19.50	19.61	22.75	22.70	22.75		
30	78	0		20.91	20.77	20.60	20.31	20.34	20.17	23.63	23.57	23.40		
30	1	1	16-QAM	23.16	23.33	23.31	22.85	22.76	22.38	26.02	26.06	25.88	25.42	0.3483
30	1	1	64-QAM	21.74	21.87	21.84	21.47	21.42	20.86	24.62	24.66	24.39		
30	1	1	256-QAM	17.02	17.56	17.05	16.80	16.49	16.49	19.92	20.07	19.79		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	23.92	23.96	23.83	23.48	23.29	23.38	26.72	26.65	26.62	26.08	0.4055
40	1	104		23.56	23.39	23.42	23.16	22.68	22.96	26.37	26.06	26.21		
40	53	26		23.90	23.79	23.74	23.23	23.36	23.13	26.59	26.59	26.46		
40	1	0		20.52	20.44	20.28	19.92	19.76	19.92	23.24	23.12	23.11		
40	1	105		20.03	19.77	19.86	19.59	19.19	19.45	22.83	22.50	22.67		
40	106	0		20.84	20.79	20.72	20.19	20.26	20.14	23.54	23.54	23.45		
40	1	1	16-QAM	23.39	23.29	23.36	22.90	22.79	22.92	26.16	26.06	26.16	25.52	0.3565
40	1	1	64-QAM	21.80	21.91	21.72	21.55	21.35	21.50	24.69	24.65	24.62		
40	1	1	256-QAM	17.17	17.47	17.11	16.94	16.73	17.07	20.07	20.13	20.10		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	24.08	23.90	24.02	23.64	23.33	23.55	26.88	26.63	26.80	26.24	0.4207
50	1	131		23.45	23.32	23.34	23.09	22.60	22.86	26.28	25.99	26.12		
50	67	33		23.59	23.84	23.75	23.20	23.36	23.13	26.41	26.62	26.46		
50	1	0		20.54	20.35	20.55	20.03	19.80	20.00	23.30	23.09	23.29		
50	1	132		19.97	19.09	19.84	19.58	19.90	19.30	22.79	22.52	22.59		
50	133	0		20.59	20.83	20.63	20.19	20.27	20.05	23.40	23.57	23.36		
50	1	1	16-QAM	23.45	23.08	23.34	22.98	22.91	22.98	26.23	26.01	26.17	25.59	0.3622
50	1	1	64-QAM	21.93	21.80	21.91	21.50	21.37	21.64	24.73	24.60	24.79		
50	1	1	256-QAM	17.39	17.38	17.42	16.86	16.62	16.97	20.14	20.03	20.21		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	23.98	23.94	23.76	23.52	23.26	23.68	26.77	26.62	26.73	26.13	0.4102
60	1	160		23.14	23.34	23.09	23.03	22.70	22.78	26.10	26.04	25.95		
60	81	40		23.56	23.82	23.53	23.24	23.34	22.88	26.41	26.60	26.23		
60	1	0		20.42	20.39	20.30	20.10	19.80	20.23	23.27	23.12	23.28		
60	1	161		19.63	19.77	19.65	19.51	19.12	19.26	22.58	22.47	22.47		
60	162	0		20.65	20.83	20.52	20.27	20.24	19.93	23.47	23.56	23.25		
60	1	1	16-QAM	23.47	23.40	23.34	23.09	23.73	23.36	26.29	26.58	26.36	25.94	0.3926
60	1	1	64-QAM	21.93	22.10	21.66	21.55	21.30	21.74	24.75	24.73	24.71		
60	1	1	256-QAM	17.22	17.11	17.34	17.07	16.90	17.45	20.16	20.02	20.41		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	24.07	24.23	24.20	23.69	23.47	23.54	26.89	26.88	26.89	26.25	0.4217
70	1	187		23.35	23.18	23.24	22.58	22.53	22.71	25.99	25.88	25.99		
70	95	47		23.76	23.93	23.73	23.37	23.45	23.38	26.58	26.71	26.57		
70	1	0		20.56	20.81	20.78	20.14	19.98	19.97	23.37	23.43	23.40		
70	1	188		19.66	19.72	19.70	19.07	19.11	19.21	22.39	22.44	22.47		
70	189	0		20.77	20.89	20.72	20.28	20.25	20.27	23.54	23.59	23.51		
70	1	1	16-QAM	23.48	23.77	23.73	23.07	22.96	23.10	26.29	26.39	26.44	25.80	0.3802
70	1	1	64-QAM	22.03	22.15	22.02	21.39	21.58	21.53	24.73	24.88	24.79		
70	1	1	256-QAM	17.21	17.72	17.62	17.02	16.89	16.90	20.13	20.34	20.29		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	23.92	23.88	23.93	23.63	23.57	23.43	26.79	26.74	26.70	26.15	0.4121
80	1	215		23.04	23.00	22.94	22.48	22.61	22.58	25.78	25.82	25.77		
80	109	54		23.55	23.75	23.56	23.36	23.27	23.26	26.47	26.53	26.42		
80	1	0		20.51	20.47	20.45	20.11	20.11	19.93	23.32	23.30	23.21		
80	1	216		19.53	19.53	19.57	18.96	19.12	19.17	22.26	22.34	22.38		
80	217	0		20.46	20.72	20.57	20.32	20.19	20.17	23.40	23.47	23.38		
80	1	1	16-QAM	23.39	23.42	23.49	23.16	23.07	22.96	26.29	26.26	26.24	25.65	0.3673
80	1	1	64-QAM	21.83	21.82	21.71	21.45	21.53	21.60	24.65	24.69	24.67		
80	1	1	256-QAM	17.36	17.26	17.39	17.01	16.96	17.15	20.20	20.12	20.28		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	23.97	23.84	23.81	23.65	23.54	23.57	26.82	26.70	26.70	26.18	0.4150
90	1	243		22.85	22.92	22.92	2.55	22.38	22.61	22.89	25.67	25.78		
90	123	61		23.56	23.75	23.69	23.39	23.24	23.17	26.49	26.51	26.45		
90	1	0		20.59	20.42	20.52	20.23	20.17	20.15	23.42	23.31	23.35		
90	1	244		19.45	19.42	19.51	19.13	18.98	19.07	22.30	22.22	22.31		
90	245	0		20.54	20.72	20.74	20.36	20.19	20.15	23.46	23.47	23.47		
90	1	1	16-QAM	23.41	23.40	23.51	23.21	23.20	23.23	26.32	26.31	26.38	25.74	0.3750
90	1	1	64-QAM	21.86	21.93	21.78	21.52	21.68	21.61	24.70	24.82	24.71		
90	1	1	256-QAM	17.18	17.19	17.43	17.06	17.28	17.20	20.13	20.25	20.33		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	23.68	-	-	23.43	-	-	26.57	-	25.93	0.3917
100	1	271		-	22.96	-	-	22.54	-	-	25.77	-		
100	137	68		-	23.46	-	-	23.15	-	-	26.32	-		
100	1	0		-	20.24	-	-	19.90	-	-	23.08	-		
100	1	272		-	19.52	-	-	19.07	-	-	22.31	-		
100	273	0		-	20.50	-	-	20.14	-	-	23.33	-		
100	1	1	16-QAM	-	23.13	-	-	23.07	-	-	26.11	-	25.47	0.3524
100	1	1	64-QAM	-	21.62	-	-	21.44	-	-	24.54	-		
100	1	1	256-QAM	-	17.35	-	-	17.03	-	-	20.20	-		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	21.26	21.21	21.58	20.89	20.59	20.59	24.09	23.92	24.12	23.48	0.2228
10	1	22		21.33	21.23	21.47	20.87	20.67	20.35	24.12	23.97	23.96		
10	12	6		21.29	21.22	21.49	20.82	20.65	20.32	24.07	23.95	23.95		
10	1	0		19.33	19.24	19.63	18.81	18.57	18.56	22.09	21.93	22.14		
10	1	23		19.32	19.24	19.46	18.81	18.57	18.38	22.08	21.93	21.96		
10	24	0		19.80	19.68	20.04	19.36	19.12	18.81	22.60	22.42	22.48		
10	1	1	16-QAM	20.78	20.75	21.08	20.35	20.10	20.18	23.58	23.45	23.66	23.02	0.2004
10	1	1	64-QAM	19.36	19.14	19.51	18.77	18.41	18.61	22.09	21.80	22.09		
10	1	1	256-QAM	16.32	16.41	16.45	15.76	15.61	15.55	19.06	19.04	19.03		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	21.36	21.22	21.71	20.87	20.56	20.63	24.13	23.91	24.21	23.57	0.2275
15	1	36		21.30	21.24	21.52	20.75	20.60	20.30	24.04	23.94	23.96		
15	19	9		21.41	21.25	21.63	20.85	20.61	20.52	24.15	23.95	24.12		
15	1	0		19.44	19.24	19.75	18.89	18.59	18.64	22.18	21.94	22.24		
15	1	37		19.23	19.17	19.53	18.72	18.52	18.32	21.99	21.87	21.98		
15	38	0		19.83	19.73	20.11	19.37	19.14	19.02	22.62	22.46	22.61		
15	1	1	16-QAM	21.02	20.73	21.24	20.37	20.02	20.10	23.72	23.40	23.72	23.08	0.2032
15	1	1	64-QAM	19.53	19.31	19.75	18.98	18.46	18.66	22.27	21.92	22.25		
15	1	1	256-QAM	16.26	16.43	16.92	15.83	15.46	15.66	19.06	18.98	19.35		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	21.41	21.30	21.64	20.92	20.63	20.70	24.18	23.99	24.21	23.57	0.2275
20	1	49		21.28	21.29	21.54	20.67	20.53	20.32	24.00	23.94	23.98		
20	25	12		21.43	21.23	21.68	20.89	20.66	20.56	24.18	23.96	24.17		
20	1	0		19.43	19.32	19.66	18.94	18.65	18.74	22.20	22.01	22.23		
20	1	50		19.23	19.26	19.52	18.64	18.52	18.28	21.96	21.92	21.95		
20	51	0		19.84	19.73	20.15	19.33	19.15	19.08	22.60	22.46	22.66		
20	1	1	16-QAM	20.94	20.78	21.08	20.43	19.92	20.34	23.70	23.38	23.74	23.10	0.2042
20	1	1	64-QAM	19.35	19.32	19.72	18.82	18.57	18.58	22.10	21.97	22.20		
20	1	1	256-QAM	16.23	16.42	16.79	15.75	15.58	15.89	19.01	19.03	19.37		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	21.52	21.47	21.62	20.97	20.72	20.79	24.26	24.12	24.24	23.62	0.2301
25	1	63		21.31	21.17	21.45	20.46	20.42	20.15	23.92	23.82	23.86		
25	33	16		21.38	21.25	21.67	20.85	20.63	20.55	24.13	23.96	24.16		
25	1	0		19.48	19.47	19.73	19.01	18.72	18.78	22.26	22.12	22.29		
25	1	64		19.31	19.15	19.45	18.47	18.43	18.23	21.92	21.82	21.89		
25	65	0		19.84	19.75	20.15	19.27	19.14	19.03	22.57	22.47	22.64		
25	1	1	16-QAM	20.98	20.92	21.02	20.45	20.27	20.33	23.73	23.62	23.70	23.09	0.2037
25	1	1	64-QAM	19.44	19.41	19.65	18.83	18.62	18.77	22.16	22.04	22.24		
25	1	1	256-QAM	16.62	16.34	16.68	15.83	15.63	15.83	19.25	19.01	19.29		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	21.43	21.63	21.70	20.94	20.75	20.65	24.20	24.22	24.22	23.60	0.2291
30	1	76		21.17	21.31	21.49	20.35	20.47	20.22	23.79	23.92	23.91		
30	39	19		21.33	21.26	21.75	20.83	20.63	20.64	24.10	23.97	24.24		
30	1	0		19.52	19.68	19.73	18.97	18.69	18.65	22.26	22.22	22.23		
30	1	77		19.18	19.31	19.55	18.35	18.42	18.20	21.80	21.90	21.94		
30	78	0		19.75	19.79	20.21	19.26	19.15	19.14	22.52	22.49	22.72		
30	1	1	16-QAM	20.97	21.05	21.23	20.48	20.34	20.26	23.74	23.72	23.78	23.14	0.2061
30	1	1	64-QAM	19.29	19.62	19.65	18.86	18.73	18.49	22.09	22.21	22.12		
30	1	1	256-QAM	16.23	16.65	16.84	15.79	15.71	15.68	19.03	19.22	19.31		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	21.48	21.64	21.49	21.00	20.81	20.85	24.26	24.26	24.19	23.62	0.2301
40	1	104		21.19	21.26	21.41	20.45	20.27	20.19	23.85	23.80	23.85		
40	53	26		21.38	21.31	21.64	20.82	20.75	20.65	24.12	24.05	24.18		
40	1	0		19.51	19.72	19.54	19.06	18.84	18.81	22.30	22.31	22.20		
40	1	105		19.15	19.23	19.38	18.41	18.26	18.15	21.81	21.78	21.82		
40	106	0		19.82	19.84	20.07	19.22	19.15	19.15	22.54	22.52	22.64		
40	1	1	16-QAM	21.03	21.03	21.95	20.42	20.34	20.32	23.75	23.71	24.22	23.58	0.2280
40	1	1	64-QAM	19.52	19.58	19.59	18.91	18.81	18.81	22.24	22.22	22.23		
40	1	1	256-QAM	16.65	16.52	16.78	15.98	15.74	15.64	19.34	19.16	19.26		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	21.54	21.68	21.49	21.04	20.74	20.95	24.31	24.25	24.24	23.67	0.2328
50	1	131		21.02	21.25	21.32	20.35	20.18	20.08	23.71	23.76	23.75		
50	67	33		21.33	21.30	21.54	20.65	20.66	20.69	24.01	24.00	24.15		
50	1	0		19.63	19.68	19.55	19.15	18.81	18.95	22.41	22.28	22.27		
50	1	132		19.00	19.26	19.32	18.39	18.20	18.07	21.72	21.77	21.75		
50	133	0		19.75	19.83	20.00	19.11	19.13	19.15	22.45	22.50	22.61		
50	1	1	16-QAM	21.00	21.30	20.87	20.70	20.24	20.26	23.86	23.81	23.59	23.22	0.2099
50	1	1	64-QAM	19.43	19.76	19.61	18.94	18.80	18.95	22.20	22.32	22.30		
50	1	1	256-QAM	16.35	16.46	16.57	15.92	15.83	15.98	19.15	19.17	19.30		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	21.45	21.59	21.53	20.23	20.93	20.82	23.89	24.28	24.20	23.64	0.2312
60	1	160		21.29	21.23	21.29	19.87	20.26	20.03	23.65	23.78	23.72		
60	81	40		21.42	21.32	21.51	20.15	20.72	20.47	23.84	24.04	24.03		
60	1	0		19.73	19.61	19.58	18.31	18.91	18.91	22.09	22.28	22.27		
60	1	161		19.24	19.15	19.23	17.92	18.17	17.99	21.64	21.70	21.66		
60	162	0		19.91	19.83	19.95	18.71	19.15	18.91	22.36	22.51	22.47		
60	1	1	16-QAM	21.11	21.11	21.19	19.78	20.54	20.49	23.51	23.84	23.86	23.22	0.2099
60	1	1	64-QAM	19.33	19.41	19.53	18.21	18.83	19.00	21.82	22.14	22.28		
60	1	1	256-QAM	16.43	16.43	16.29	15.92	15.93	15.86	19.19	19.20	19.09		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	21.62	21.74	21.93	21.16	21.08	21.00	24.41	24.43	24.50	23.86	0.2432
70	1	187		21.07	21.24	21.23	20.06	20.16	20.01	23.60	23.74	23.67		
70	95	47		21.45	21.37	21.48	20.72	20.70	20.70	24.11	24.06	24.12		
70	1	0		19.74	19.74	19.89	19.17	19.13	19.03	22.47	22.46	22.49		
70	1	188		19.03	19.13	19.18	18.01	18.06	17.95	21.56	21.64	21.62		
70	189	0		19.96	19.89	19.94	19.25	19.17	19.12	22.63	22.56	22.56		
70	1	1	16-QAM	21.20	21.24	21.23	20.61	20.59	20.63	23.93	23.94	23.95	23.31	0.2143
70	1	1	64-QAM	19.79	19.78	19.89	19.31	19.16	19.00	22.57	22.49	22.48		
70	1	1	256-QAM	16.62	16.59	16.96	16.13	16.10	16.07	19.39	19.36	19.55		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	21.70	21.82	21.77	21.21	21.31	21.05	24.47	24.58	24.44	23.94	0.2477
80	1	215		21.05	21.23	21.13	20.16	20.05	19.87	23.64	23.69	23.56		
80	109	54		21.31	21.37	21.45	20.66	20.74	20.66	24.01	24.08	24.08		
80	1	0		19.76	19.87	19.78	19.24	19.33	19.02	22.52	22.62	22.43		
80	1	216		19.01	19.19	19.09	18.14	18.11	17.87	21.61	21.69	21.53		
80	217	0		19.77	19.91	19.91	19.24	19.17	19.06	22.52	22.57	22.52		
80	1	1	16-QAM	21.17	21.33	21.25	20.65	20.86	20.64	23.93	24.11	23.97	23.47	0.2223
80	1	1	64-QAM	19.65	19.60	19.74	19.15	19.37	18.96	22.42	22.50	22.38		
80	1	1	256-QAM	16.84	16.61	16.95	16.14	16.29	16.02	19.51	19.46	19.52		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	21.79	21.83	21.91	21.19	21.31	21.36	24.51	24.59	24.65	24.01	0.2518
90	1	243		21.06	21.09	21.23	19.91	19.73	19.83	23.53	23.47	23.60		
90	123	61		21.31	21.38	21.45	20.64	20.73	20.72	24.00	24.08	24.11		
90	1	0		19.87	19.88	19.95	19.24	19.29	19.33	22.58	22.61	22.66		
90	1	244		19.18	19.07	19.12	17.94	17.73	17.81	21.61	21.46	21.52		
90	245	0		19.85	19.89	19.94	19.11	19.18	19.18	22.51	22.56	22.59		
90	1	1	16-QAM	21.21	21.22	21.51	20.96	20.85	20.97	24.10	24.05	24.26	23.62	0.2301
90	1	1	64-QAM	19.62	19.65	19.95	19.32	19.32	19.40	22.48	22.50	22.69		
90	1	1	256-QAM	16.58	16.70	16.74	16.21	16.37	16.42	19.41	19.55	19.59		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -0.64 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	21.85	-	-	21.33	-	-	24.61	-	23.97	0.2495
100	1	271		-	20.98	-	-	19.82	-	-	23.45	-		
100	137	68		-	21.38	-	-	20.71	-	-	24.07	-		
100	1	0		-	19.95	-	-	19.34	-	-	22.67	-		
100	1	272		-	19.08	-	-	17.87	-	-	21.53	-		
100	273	0		-	19.90	-	-	19.19	-	-	22.57	-		
100	1	1	16-QAM	-	21.25	-	-	20.79	-	-	24.04	-	23.40	0.2188
100	1	1	64-QAM	-	19.74	-	-	19.42	-	-	22.59	-		
100	1	1	256-QAM	-	16.89	-	-	16.32	-	-	19.62	-		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	22.61	22.45	22.47	23.45	23.54	23.46	26.06	26.04	26.00	23.88	0.2443
10	1	22		22.44	22.62	22.48	23.41	23.35	23.35	25.96	26.01	25.95		
10	12	6		22.47	22.65	22.53	23.42	23.36	23.37	25.98	26.03	25.98		
10	1	0		19.17	19.01	19.02	19.80	20.04	20.01	22.51	22.57	22.55		
10	1	23		18.93	19.03	18.96	19.85	19.82	19.84	22.42	22.45	22.43		
10	24	0		19.43	19.54	19.55	20.39	20.36	20.37	22.95	22.98	22.99		
10	1	1	16-QAM	22.22	21.74	21.92	22.82	23.01	23.04	25.54	25.43	25.53	23.36	0.2168
10	1	1	64-QAM	20.67	20.42	20.54	21.32	21.59	21.48	24.02	24.05	24.05		
10	1	1	256-QAM	16.07	15.79	15.85	16.89	17.11	16.95	19.51	19.51	19.45		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	23.00	22.78	22.69	23.70	23.81	23.85	26.37	26.34	26.32	24.54	0.2844
15	1	36		22.98	22.75	22.68	23.59	23.47	23.57	26.31	26.14	26.16		
15	19	9		23.78	22.87	22.72	23.64	23.58	23.79	26.72	26.25	26.30		
15	1	0		19.50	19.29	19.21	20.12	20.28	20.26	22.83	22.82	22.78		
15	1	37		19.43	19.28	19.19	20.06	19.87	20.00	22.77	22.60	22.62		
15	38	0		19.78	19.87	19.69	20.60	20.61	20.72	23.22	23.27	23.25		
15	1	1	16-QAM	22.44	22.26	22.26	23.14	23.63	23.43	25.81	26.01	25.89	23.83	0.2415
15	1	1	64-QAM	20.93	20.62	20.70	21.61	22.02	21.77	24.29	24.39	24.28		
15	1	1	256-QAM	16.22	16.11	16.09	17.05	17.26	17.27	19.67	19.73	19.73		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	22.99	22.81	22.97	23.81	23.92	23.77	26.43	26.41	26.40	24.37	0.2735
20	1	49		22.94	23.59	22.72	23.67	23.49	23.47	26.33	26.55	26.12		
20	25	12		22.82	22.98	22.71	23.76	23.68	23.78	26.33	26.35	26.29		
20	1	0		19.54	19.30	19.42	20.25	20.44	20.29	22.92	22.92	22.89		
20	1	50		19.39	19.03	19.21	20.06	19.95	19.98	22.75	22.52	22.62		
20	51	0		19.75	19.88	19.71	20.65	20.68	20.76	23.23	23.31	23.28		
20	1	1	16-QAM	22.56	22.21	22.63	23.08	23.42	23.42	25.84	25.87	26.05	23.87	0.2438
20	1	1	64-QAM	20.96	20.75	20.84	21.81	22.09	21.89	24.42	24.48	24.41		
20	1	1	256-QAM	16.36	16.24	16.37	17.00	17.44	17.20	19.70	19.89	19.82		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	23.12	23.04	23.00	23.76	23.84	23.72	26.46	26.47	26.39	24.29	0.2685
25	1	63		22.64	22.62	22.69	23.48	23.40	23.30	26.09	26.04	26.02		
25	33	16		23.10	22.91	22.73	23.73	23.66	23.77	26.44	26.31	26.29		
25	1	0		19.55	19.50	19.43	20.11	20.23	20.26	22.85	22.89	22.88		
25	1	64		19.13	19.08	19.10	20.00	19.88	19.80	22.60	22.51	22.47		
25	65	0		20.06	19.81	19.71	20.70	20.71	20.72	23.40	23.29	23.25		
25	1	1	16-QAM	22.54	22.37	22.48	23.40	23.33	23.29	26.00	25.89	25.91	23.82	0.2410
25	1	1	64-QAM	20.96	20.96	20.77	21.63	21.74	21.75	24.32	24.38	24.30		
25	1	1	256-QAM	16.26	16.20	16.34	17.11	17.24	17.19	19.72	19.76	19.80		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	23.01	22.99	22.84	23.73	23.92	23.72	26.40	26.49	26.31	24.31	0.2698
30	1	76		22.60	22.56	22.59	23.57	23.44	23.48	26.12	26.03	26.07		
30	39	19		23.03	22.92	22.72	23.71	23.69	23.79	26.39	26.33	26.30		
30	1	0		19.58	19.51	19.41	20.20	20.44	20.10	22.91	23.01	22.78		
30	1	77		19.07	19.06	19.05	20.02	20.00	20.04	22.58	22.57	22.58		
30	78	0		19.98	19.87	19.70	20.67	20.67	20.73	23.35	23.30	23.26		
30	1	1	16-QAM	22.58	22.49	22.29	23.20	23.32	23.27	25.91	25.94	25.82	23.76	0.2377
30	1	1	64-QAM	20.98	20.93	20.84	21.83	21.77	21.83	24.44	24.38	24.37		
30	1	1	256-QAM	16.40	16.39	16.31	17.21	17.36	17.14	19.83	19.91	19.76		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	23.07	23.08	22.88	23.74	23.83	23.79	26.43	26.48	26.37	24.30	0.2692
40	1	104		22.65	22.58	22.58	23.59	23.09	23.24	26.16	25.85	25.93		
40	53	26		23.02	22.93	22.85	23.77	23.68	23.73	26.42	26.33	26.32		
40	1	0		19.58	19.68	19.45	20.21	20.39	20.25	22.92	23.06	22.88		
40	1	105		19.04	19.05	18.92	20.03	19.62	19.84	22.57	22.35	22.41		
40	106	0		19.96	19.89	19.82	20.69	20.68	20.66	23.35	23.31	23.27		
40	1	1	16-QAM	22.53	22.49	22.49	23.37	23.48	23.46	25.98	26.02	26.01	23.84	0.2421
40	1	1	64-QAM	21.01	20.87	20.70	21.69	21.86	21.73	24.37	24.40	24.26		
40	1	1	256-QAM	16.44	16.61	16.36	17.17	17.57	17.24	19.83	20.13	19.83		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	23.11	23.05	23.20	23.91	23.97	23.84	26.54	26.54	26.54	24.36	0.2729
50	1	131		22.65	22.47	22.46	23.44	23.32	23.25	26.07	25.93	25.88		
50	67	33		22.75	22.94	22.87	23.71	23.71	23.69	26.27	26.35	26.31		
50	1	0		19.67	19.56	19.75	20.31	20.38	20.33	23.01	23.00	23.06		
50	1	132		19.13	18.99	18.97	19.94	19.68	19.73	22.56	22.36	22.38		
50	133	0		19.68	19.94	19.82	20.60	20.68	20.62	23.17	23.34	23.25		
50	1	1	16-QAM	22.57	22.56	22.59	23.33	23.46	23.18	25.98	26.04	25.91	23.86	0.2432
50	1	1	64-QAM	20.98	21.02	21.16	21.78	21.93	21.85	24.41	24.51	24.53		
50	1	1	256-QAM	16.45	16.33	16.41	17.09	17.43	17.34	19.79	19.93	19.91		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	22.90	23.03	22.90	23.93	23.87	24.16	26.46	26.48	26.59	24.47	0.2799
60	1	160		22.14	22.45	22.15	23.31	23.23	23.22	25.77	25.87	25.73		
60	81	40		23.60	22.92	22.72	23.67	23.72	23.36	26.65	26.35	26.06		
60	1	0		19.53	19.52	19.33	20.47	20.33	20.67	23.04	22.95	23.06		
60	1	161		18.67	18.91	18.66	19.84	19.75	19.67	22.30	22.36	22.20		
60	162	0		19.66	19.92	19.63	20.66	20.64	20.37	23.20	23.31	23.03		
60	1	1	16-QAM	22.72	22.54	22.41	23.00	23.39	23.56	25.87	26.00	26.03	23.85	0.2427
60	1	1	64-QAM	20.93	20.93	20.85	21.98	21.97	22.23	24.50	24.49	24.60		
60	1	1	256-QAM	16.55	16.37	16.23	17.35	17.41	17.66	19.98	19.93	20.01		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	23.16	23.17	23.29	23.87	24.04	24.09	26.54	26.64	26.72	24.54	0.2844
70	1	187		22.24	22.33	22.22	22.93	23.23	23.17	25.61	25.81	25.73		
70	95	47		22.88	22.95	22.77	23.77	23.76	23.67	26.36	26.38	26.25		
70	1	0		19.76	19.83	19.72	20.33	20.49	20.55	23.06	23.18	23.17		
70	1	188		18.77	18.84	18.77	19.39	19.74	19.64	22.10	22.32	22.24		
70	189	0		19.82	19.90	19.76	20.73	20.70	20.66	23.31	23.33	23.24		
70	1	1	16-QAM	22.55	22.81	22.68	23.58	23.60	23.71	26.11	26.23	26.24	24.06	0.2547
70	1	1	64-QAM	21.15	21.33	21.25	21.80	21.78	22.00	24.50	24.57	24.65		
70	1	1	256-QAM	16.88	17.24	16.42	17.25	17.04	17.84	20.08	20.15	20.20		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	23.14	23.13	23.11	23.94	24.00	23.98	26.57	26.60	26.58	24.42	0.2767
80	1	215		22.21	22.18	22.16	23.22	23.19	23.05	25.75	25.72	25.64		
80	109	54		22.78	22.89	22.75	23.99	23.62	23.64	26.44	26.28	26.23		
80	1	0		19.80	19.67	19.67	20.44	20.54	20.50	23.14	23.14	23.12		
80	1	216		18.79	18.72	18.69	19.75	19.74	19.57	22.31	22.27	22.16		
80	217	0		19.72	19.95	19.79	20.85	20.65	20.69	23.33	23.32	23.27		
80	1	1	16-QAM	22.83	22.63	22.60	23.46	23.34	23.60	26.17	26.01	26.14	23.99	0.2506
80	1	1	64-QAM	21.08	20.84	21.18	21.93	21.75	22.00	24.54	24.33	24.62		
80	1	1	256-QAM	16.60	16.44	16.67	17.47	17.57	17.58	20.07	20.05	20.16		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	23.12	22.95	22.94	23.83	23.88	23.82	26.50	26.45	26.41	24.32	0.2704
90	1	243		21.88	21.85	21.96	22.95	22.73	22.74	25.46	25.32	25.38		
90	123	61		22.51	22.77	22.76	23.63	23.48	23.46	26.12	26.15	26.13		
90	1	0		19.62	19.43	19.49	20.37	20.29	20.41	23.02	22.89	22.98		
90	1	244		18.48	18.46	18.49	19.48	19.24	19.29	22.02	21.88	21.92		
90	245	0		19.51	19.77	19.73	20.63	20.46	20.44	23.12	23.14	23.11		
90	1	1	16-QAM	22.65	22.40	22.44	23.31	23.35	23.46	26.00	25.91	25.99	23.82	0.2410
90	1	1	64-QAM	21.06	20.86	20.92	21.71	21.73	21.93	24.41	24.33	24.46		
90	1	1	256-QAM	16.65	16.24	16.34	17.18	17.28	17.59	19.93	19.80	20.02		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	22.74	-	-	23.63	-	-	26.22	-	24.04	0.2535
100	1	271		-	22.02	-	-	22.93	-	-	25.51	-		
100	137	68		-	22.65	-	-	23.34	-	-	26.02	-		
100	1	0		-	19.34	-	-	20.07	-	-	22.73	-		
100	1	272		-	18.64	-	-	19.48	-	-	22.09	-		
100	273	0		-	19.65	-	-	20.33	-	-	23.01	-		
100	1	1	16-QAM	-	22.26	-	-	23.02	-	-	25.67	-	23.49	0.2234
100	1	1	64-QAM	-	20.56	-	-	21.54	-	-	24.09	-		
100	1	1	256-QAM	-	16.24	-	-	17.21	-	-	19.76	-		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	QPSK	20.55	20.45	20.87	21.37	21.23	21.33	23.99	23.87	24.12	21.94	0.1563
10	1	22		20.58	20.53	20.79	21.35	21.23	21.07	23.99	23.90	23.94		
10	12	6		20.58	20.49	20.76	21.31	21.28	1.11	23.97	23.91	20.81		
10	1	0		18.59	18.53	18.97	19.31	19.23	19.27	21.98	21.90	22.13		
10	1	23		18.56	18.53	18.76	19.21	19.17	19.04	21.91	21.87	21.91		
10	24	0		19.06	18.97	19.32	19.78	19.75	19.57	22.45	22.39	22.46		
10	1	1	16-QAM	19.97	19.72	20.35	20.93	20.83	20.98	23.49	23.32	23.69	21.51	0.1416
10	1	1	64-QAM	18.34	18.27	18.63	19.42	19.41	19.47	21.92	21.89	22.08		
10	1	1	256-QAM	15.43	15.42	15.83	16.26	16.12	16.22	18.88	18.79	19.04		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	QPSK	20.67	20.52	20.92	21.38	21.32	21.42	24.05	23.95	24.19	22.01	0.1589
15	1	36		20.45	20.48	20.75	21.19	21.26	21.11	23.85	23.90	23.94		
15	19	9		20.61	20.56	20.95	21.31	21.28	21.32	23.98	23.95	24.15		
15	1	0		18.66	18.58	18.93	19.32	19.35	19.35	22.01	21.99	22.16		
15	1	37		18.47	18.51	18.77	19.20	19.23	19.07	21.86	21.90	21.93		
15	38	0		19.13	19.02	19.41	19.76	19.78	19.79	22.47	22.43	22.61		
15	1	1	16-QAM	20.07	19.92	20.27	20.78	20.86	20.89	23.45	23.43	23.60	21.42	0.1387
15	1	1	64-QAM	18.51	18.41	18.76	19.36	19.09	19.21	21.97	21.77	22.00		
15	1	1	256-QAM	15.53	15.52	15.71	16.23	16.22	16.49	18.90	18.89	19.13		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	QPSK	20.69	20.50	20.75	21.32	21.28	21.37	24.03	23.92	24.08	21.93	0.1560
20	1	49		20.48	20.48	20.72	21.08	21.12	21.03	23.80	23.82	23.89		
20	25	12		20.65	20.52	20.87	21.22	21.34	21.32	23.95	23.96	24.11		
20	1	0		18.68	18.40	18.86	19.35	19.02	19.37	22.04	21.73	22.13		
20	1	50		18.38	18.46	18.67	19.03	19.03	18.98	21.73	21.76	21.84		
20	51	0		19.09	18.97	19.34	19.76	19.77	19.79	22.45	22.40	22.58		
20	1	1	16-QAM	20.22	20.00	20.19	20.82	20.81	20.82	23.54	23.43	23.53	21.36	0.1368
20	1	1	64-QAM	18.57	18.37	18.78	19.42	19.46	19.33	22.03	21.96	22.07		
20	1	1	256-QAM	15.54	15.34	15.65	16.22	16.33	16.34	18.90	18.87	19.02		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	QPSK	20.68	20.67	20.82	21.32	21.36	21.40	24.02	24.04	24.13	21.97	0.1574
25	1	63		20.41	20.32	20.67	20.93	20.94	20.92	23.69	23.65	23.81		
25	33	16		20.59	20.53	20.97	21.23	21.34	21.30	23.93	23.96	24.15		
25	1	0		18.79	18.74	18.82	19.37	19.36	19.36	22.10	22.07	22.11		
25	1	64		18.44	18.41	18.67	18.93	18.94	18.97	21.70	21.69	21.83		
25	65	0		19.00	19.00	19.35	19.71	19.75	19.78	22.38	22.40	22.58		
25	1	1	16-QAM	20.04	20.03	20.24	20.94	21.14	20.79	23.52	23.63	23.53	21.45	0.1396
25	1	1	64-QAM	18.44	18.66	18.76	19.47	19.36	19.46	22.00	22.03	22.13		
25	1	1	256-QAM	15.57	15.67	15.62	16.35	16.39	16.24	18.99	19.06	18.95		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	QPSK	20.78	20.76	20.80	21.37	21.42	21.23	24.10	24.11	24.03	21.94	0.1563
30	1	76		20.32	20.43	20.64	21.03	21.00	20.95	23.70	23.73	23.81		
30	39	19		20.50	20.53	20.91	21.23	21.31	21.31	23.89	23.95	24.12		
30	1	0		18.73	18.79	18.87	19.38	19.43	19.24	22.08	22.13	22.07		
30	1	77		18.34	18.44	18.69	18.93	18.96	18.96	21.66	21.72	21.84		
30	78	0		18.95	19.04	19.36	19.69	19.79	19.81	22.35	22.44	22.60		
30	1	1	16-QAM	20.13	20.19	20.23	20.73	20.98	20.82	23.45	23.61	23.55	21.43	0.1390
30	1	1	64-QAM	18.54	18.56	18.79	19.33	19.28	19.15	21.96	21.95	21.98		
30	1	1	256-QAM	15.64	15.69	15.72	16.35	16.40	16.24	19.02	19.07	19.00		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	QPSK	20.80	20.81	20.73	21.45	21.43	21.40	24.15	24.14	24.09	21.97	0.1574
40	1	104		20.42	20.43	20.63	21.12	20.83	20.97	23.79	23.64	23.81		
40	53	26		20.50	20.54	20.76	21.22	21.32	21.32	23.89	23.96	24.06		
40	1	0		18.74	18.87	18.77	19.42	19.44	19.41	22.10	22.17	22.11		
40	1	105		18.41	18.42	18.57	19.12	18.78	18.91	21.79	21.61	21.75		
40	106	0		18.98	19.02	19.24	19.69	19.75	19.76	22.36	22.41	22.52		
40	1	1	16-QAM	20.20	20.35	20.34	20.75	20.72	20.96	23.49	23.55	23.67	21.49	0.1409
40	1	1	64-QAM	18.65	18.79	18.62	19.54	19.42	19.33	22.13	22.13	22.00		
40	1	1	256-QAM	15.66	15.77	15.75	16.43	16.40	16.29	19.07	19.11	19.04		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	QPSK	20.73	20.73	20.68	21.46	21.34	21.52	24.12	24.06	24.13	21.95	0.1567
50	1	131		20.16	20.35	20.53	21.06	20.76	20.79	23.64	23.57	23.67		
50	67	33		20.48	20.55	20.74	21.16	21.29	21.24	23.84	23.95	24.01		
50	1	0		18.83	18.79	18.77	19.47	19.24	19.53	22.17	22.03	22.18		
50	1	132		18.20	18.45	18.56	19.05	18.69	18.77	21.66	21.58	21.68		
50	133	0		18.97	19.04	19.17	19.62	19.72	19.75	22.32	22.40	22.48		
50	1	1	16-QAM	20.13	20.35	20.36	20.95	20.80	21.00	23.57	23.59	23.70	21.52	0.1419
50	1	1	64-QAM	18.58	18.75	18.64	19.40	19.23	19.76	22.02	22.01	22.25		
50	1	1	256-QAM	15.67	15.68	15.67	16.41	16.31	16.52	19.07	19.02	19.13		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	QPSK	20.65	20.82	20.75	21.32	21.38	21.57	24.01	24.12	24.19	22.01	0.1589
60	1	160		20.23	20.44	20.45	20.82	20.93	20.72	23.55	23.70	23.60		
60	81	40		20.41	20.54	20.66	21.28	21.30	21.03	23.88	23.95	23.86		
60	1	0		18.79	18.84	18.82	19.31	19.40	19.50	22.07	22.14	22.18		
60	1	161		18.15	18.34	18.48	18.87	18.90	18.65	21.54	21.64	21.58		
60	162	0		18.90	19.06	19.13	19.76	19.70	19.56	22.36	22.40	22.36		
60	1	1	16-QAM	20.00	20.08	20.19	20.84	20.68	21.42	23.45	23.40	23.86	21.68	0.1472
60	1	1	64-QAM	18.46	18.76	18.69	19.23	19.37	19.71	21.87	22.09	22.24		
60	1	1	256-QAM	15.56	15.58	15.83	16.28	16.41	16.62	18.95	19.03	19.25		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	QPSK	20.87	20.87	21.05	21.49	21.50	21.63	24.20	24.21	24.36	22.18	0.1652
70	1	187		20.19	20.30	20.46	20.56	20.82	20.76	23.39	23.58	23.62		
70	95	47		20.66	20.58	20.68	21.35	21.36	21.24	24.03	24.00	23.98		
70	1	0		18.91	18.94	19.08	19.59	19.50	19.69	22.27	22.24	22.41		
70	1	188		18.19	18.26	18.34	18.54	18.74	18.68	21.38	21.52	21.52		
70	189	0		19.15	19.07	19.14	19.77	19.73	19.68	22.48	22.42	22.43		
70	1	1	16-QAM	20.31	20.32	20.74	20.98	21.00	21.15	23.67	23.68	23.96	21.78	0.1507
70	1	1	64-QAM	18.76	18.76	19.00	19.35	19.35	19.46	22.08	22.08	22.25		
70	1	1	256-QAM	15.94	15.96	15.92	16.43	16.37	16.69	19.20	19.18	19.33		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	QPSK	21.00	20.98	20.95	21.61	21.63	21.51	24.33	24.33	24.25	22.15	0.1641
80	1	215		20.23	20.36	20.36	20.73	20.78	20.64	23.50	23.59	23.51		
80	109	54		20.49	20.57	20.67	21.26	21.28	21.22	23.90	23.95	23.96		
80	1	0		19.06	19.06	18.99	19.66	19.63	19.46	22.38	22.36	22.24		
80	1	216		18.21	18.35	18.33	18.81	18.74	18.64	21.53	21.56	21.50		
80	217	0		19.02	19.08	19.22	19.72	19.71	19.68	22.39	22.42	22.47		
80	1	1	16-QAM	20.24	20.47	20.43	21.19	21.23	21.03	23.75	23.88	23.75	21.70	0.1479
80	1	1	64-QAM	18.94	19.08	18.92	19.69	19.92	19.36	22.34	22.53	22.16		
80	1	1	256-QAM	15.72	16.00	15.98	16.73	16.88	16.43	19.26	19.47	19.22		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	QPSK	20.98	21.03	21.17	21.61	21.69	21.73	24.32	24.38	24.47	22.29	0.1694
90	1	243		20.18	20.23	20.31	20.73	20.51	20.56	23.47	23.38	23.45		
90	123	61		20.50	20.59	20.66	21.21	21.29	21.32	23.88	23.96	24.01		
90	1	0		19.05	19.15	19.23	19.71	19.74	19.77	22.40	22.47	22.52		
90	1	244		18.25	18.25	18.39	18.73	18.53	18.64	21.51	21.40	21.53		
90	245	0		19.03	19.09	19.16	19.69	19.72	19.74	22.38	22.43	22.47		
90	1	1	16-QAM	20.49	20.63	20.59	21.22	21.32	21.40	23.88	24.00	24.02	21.84	0.1528
90	1	1	64-QAM	18.94	18.98	19.27	19.62	20.04	19.84	22.30	22.55	22.57		
90	1	1	256-QAM	15.97	16.02	16.18	16.59	16.85	16.72	19.30	19.47	19.47		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n78 HPUE Maximum Average Power [dBm], DG = -2.18 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	-	21.08	-	-	21.76	-	-	24.44	-	22.26	0.1683
100	1	271		-	20.13	-	-	20.35	-	-	23.25	-		
100	137	68		-	20.59	-	-	21.29	-	-	23.96	-		
100	1	0		-	19.17	-	-	19.75	-	-	22.48	-		
100	1	272		-	18.23	-	-	18.57	-	-	21.41	-		
100	273	0		-	19.07	-	-	19.71	-	-	22.41	-		
100	1	1	16-QAM	-	20.68	-	-	21.32	-	-	24.02	-	21.84	0.1528
100	1	1	64-QAM	-	19.12	-	-	19.87	-	-	22.52	-		
100	1	1	256-QAM	-	16.05	-	-	17.00	-	-	19.56	-		
Limit	EIRP < 1W			Result									Pass	

<TxD Mode>

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	BPSK	24.18	24.03	24.62	24.21	24.35	24.35	27.21	27.20	27.50	29.94	0.9863
10	1	22		24.28	24.68	24.34	24.57	24.22	24.62	27.44	27.47	27.49		
10	12	6		24.15	24.62	24.72	23.74	24.42	24.13	26.96	27.53	27.45		
10	1	1	QPSK	24.59	24.22	24.54	24.09	24.57	24.98	27.36	27.41	27.78		
10	1	22		24.28	24.55	24.65	24.49	24.62	24.83	27.40	27.60	27.75		
10	12	6		24.29	24.43	24.65	23.68	24.57	24.35	27.01	27.51	27.51		
10	1	1	16-QAM	23.31	23.42	23.72	23.26	23.15	23.65	26.30	26.30	26.70	28.97	0.7889
10	1	22		23.32	23.32	23.47	23.58	23.40	23.65	26.46	26.37	26.57		
10	12	6		22.75	23.37	23.90	22.69	23.42	23.70	25.73	26.41	26.81		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	BPSK	24.03	24.24	24.38	23.96	24.29	24.73	27.01	27.28	27.57	29.73	0.9397
15	1	36		24.01	24.43	24.35	24.02	24.10	24.57	27.03	27.28	27.47		
15	18	9		24.21	24.55	24.55	23.84	24.44	24.25	27.04	27.51	27.41		
15	1	1	QPSK	23.63	24.06	24.32	23.98	24.42	24.57	26.82	27.25	27.46		
15	1	36		23.86	24.13	24.54	23.48	24.34	24.14	26.68	27.25	27.35		
15	18	9		23.90	24.42	24.71	23.80	24.49	24.16	26.86	27.47	27.45		
15	1	1	16-QAM	22.87	23.40	23.05	22.79	23.51	23.35	25.84	26.47	26.21	29.79	0.9528
15	1	36		22.81	23.75	23.32	25.89	23.46	23.26	27.63	26.62	26.30		
15	18	9		23.06	23.54	23.71	22.64	23.46	23.16	25.87	26.51	26.45		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	BPSK	24.28	24.56	24.50	24.15	24.27	24.19	27.23	27.43	27.36	29.8	0.9550
20	1	49		24.06	24.51	24.51	24.19	24.16	24.14	27.14	27.35	27.34		
20	25	12		24.03	24.46	24.41	24.03	24.39	24.29	27.04	27.44	27.36		
20	1	1	QPSK	24.59	24.55	24.54	24.51	24.16	24.72	27.56	27.37	27.64		
20	1	49		24.08	23.91	24.64	24.25	24.09	24.54	27.18	27.01	27.60		
20	25	12		24.28	24.46	24.40	24.15	24.45	24.27	27.23	27.47	27.35		
20	1	1	16-QAM	23.18	23.38	23.48	23.43	23.15	23.64	26.32	26.28	26.57	28.73	0.7464
20	1	49		23.16	22.93	23.37	23.32	23.04	23.08	26.25	26.00	26.24		
20	25	12		23.04	23.45	23.45	23.01	23.38	23.25	26.04	26.43	26.36		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	BPSK	24.44	24.10	24.72	24.53	24.62	24.57	27.50	27.38	27.66	29.82	0.9594
25	1	63		24.62	24.01	24.22	24.10	24.08	24.18	27.38	27.06	27.21		
25	32	16		24.12	24.48	24.46	23.72	24.47	24.08	26.93	27.49	27.28		
25	1	1	QPSK	24.06	24.65	24.56	24.37	24.52	24.54	27.23	27.60	27.56		
25	1	63		23.92	24.01	24.53	24.11	24.32	24.14	27.03	27.18	27.35		
25	32	16		24.19	24.53	24.53	23.63	24.48	24.22	26.93	27.52	27.39		
25	1	1	16-QAM	23.79	23.65	23.24	23.27	23.39	23.52	26.55	26.53	26.39	28.71	0.7430
25	1	63		23.42	23.17	23.32	22.76	23.47	23.18	26.11	26.33	26.26		
25	32	16		23.19	23.49	23.68	22.68	23.37	23.18	25.95	26.44	26.45		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	BPSK	24.36	24.21	24.64	24.19	24.54	24.13	27.29	27.39	27.40	29.82	0.9594
30	1	76		24.43	24.45	24.34	23.68	24.39	24.21	27.08	27.43	27.29		
30	36	18		24.21	24.52	24.57	23.51	24.38	24.30	26.88	27.46	27.45		
30	1	1	QPSK	24.61	24.49	24.54	24.27	24.74	24.09	27.45	27.63	27.33		
30	1	76		24.11	24.11	24.64	24.14	23.88	24.65	27.14	27.01	27.66		
30	36	18		24.00	24.39	24.63	23.35	24.84	24.28	26.70	27.63	27.47		
30	1	1	16-QAM	23.35	23.32	23.54	23.17	23.75	22.98	26.27	26.55	26.28	28.85	0.7674
30	1	76		22.94	23.21	23.38	23.01	23.22	23.58	25.99	26.23	26.49		
30	36	18		23.11	23.45	23.79	22.49	23.37	23.56	25.82	26.42	26.69		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	BPSK	24.17	24.20	24.62	24.06	24.63	24.14	27.13	27.43	27.40	29.64	0.9204
40	1	104		24.44	24.11	24.32	24.41	24.32	24.52	27.44	27.23	27.43		
40	50	25		24.32	24.49	24.47	23.84	24.39	23.96	27.10	27.45	27.23		
40	1	1	QPSK	24.02	23.46	24.24	24.19	24.78	24.03	27.12	27.18	27.15		
40	1	104		24.02	24.12	24.39	24.32	24.21	24.54	27.18	27.18	27.48		
40	50	25		24.09	23.51	24.59	23.52	24.42	23.97	26.82	27.00	27.30		
40	1	1	16-QAM	23.68	23.80	23.07	23.15	23.72	23.25	26.43	26.77	26.17	28.93	0.7816
40	1	104		23.54	23.08	23.40	23.02	23.14	23.54	26.30	26.12	26.48		
40	50	25		23.17	23.52	23.66	22.53	23.38	23.15	25.87	26.46	26.42		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	BPSK	24.01	24.12	24.36	23.44	24.21	24.38	26.74	27.18	27.38	29.64	0.9204
50	1	131		23.43	24.13	24.36	23.86	23.72	24.55	26.66	26.94	27.47		
50	64	32		24.30	24.45	24.30	24.13	24.47	24.18	27.23	27.47	27.25		
50	1	1	QPSK	23.98	24.16	24.26	23.88	24.24	24.33	26.94	27.21	27.31		
50	1	131		23.46	24.38	24.03	23.81	23.88	24.33	26.65	27.15	27.19		
50	64	32		24.30	24.52	24.42	23.99	24.41	24.25	27.16	27.48	27.35		
50	1	1	16-QAM	23.16	23.51	23.65	23.34	22.88	23.72	26.26	26.22	26.70	28.86	0.7691
50	1	131		23.07	23.27	23.15	23.35	23.01	23.21	26.22	26.15	26.19		
50	64	32		23.16	23.49	23.62	22.92	23.45	23.08	26.05	26.48	26.37		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	BPSK	24.15	24.51	24.26	24.11	23.82	23.80	27.14	27.19	27.05	29.63	0.9183
60	1	160		24.38	24.08	24.19	24.36	23.82	23.42	27.38	26.96	26.83		
60	81	40		24.25	24.46	24.27	24.07	24.36	24.65	27.17	27.42	27.47		
60	1	1	QPSK	24.09	24.43	24.30	24.52	24.29	24.16	27.32	27.37	27.24		
60	1	160		24.22	24.36	24.29	24.64	24.15	23.48	27.45	27.27	26.91		
60	81	40		24.14	24.46	24.48	24.10	24.34	24.16	27.13	27.41	27.33		
60	1	1	16-QAM	23.66	23.31	24.35	23.65	22.85	23.95	26.67	26.10	27.16	29.32	0.8551
60	1	160		23.32	23.10	22.79	23.25	23.49	22.95	26.30	26.31	25.88		
60	81	40		23.15	23.47	23.73	23.07	23.45	23.22	26.12	26.47	26.49		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	BPSK	24.01	24.17	24.21	24.08	24.23	24.24	27.06	27.21	27.24	29.64	0.9204
70	1	187		23.47	23.83	24.17	23.49	23.71	24.38	26.49	26.78	27.29		
70	90	45		24.14	24.41	24.39	24.07	24.24	24.42	27.12	27.33	27.42		
70	1	1	QPSK	23.89	24.49	24.14	24.06	23.92	24.13	26.99	27.22	27.15		
70	1	187		23.74	24.24	24.12	23.57	23.74	24.31	26.67	27.01	27.23		
70	90	45		24.36	24.43	24.45	24.26	24.21	24.48	27.32	27.33	27.48		
70	1	1	16-QAM	22.93	23.30	23.81	22.83	23.21	23.37	25.89	26.27	26.61	28.80	0.7586
70	1	187		22.69	23.35	23.15	22.54	23.10	23.35	25.63	26.24	26.26		
70	90	45		23.20	23.45	23.58	23.36	23.35	23.67	26.29	26.41	26.64		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	BPSK	24.16	24.14	24.26	24.10	24.62	23.94	27.14	27.40	27.11	29.65	0.9226
80	1	215		23.82	23.83	23.96	24.01	24.24	24.21	26.93	27.05	27.10		
80	108	54		24.02	24.41	24.32	24.14	24.47	24.23	27.09	27.45	27.29		
80	1	1	QPSK	24.36	24.09	24.17	23.89	24.35	24.26	27.14	27.23	27.23		
80	1	215		23.77	24.21	24.25	23.72	23.94	23.84	26.76	27.09	27.06		
80	108	54		24.07	24.41	24.66	24.30	24.42	24.29	27.20	27.43	27.49		
80	1	1	16-QAM	23.06	23.10	23.19	23.31	23.35	22.89	26.20	26.24	26.05	28.62	0.7278
80	1	215		22.67	22.75	23.21	22.86	22.87	23.54	25.78	25.82	26.39		
80	108	54		23.13	23.42	23.53	23.21	23.37	23.37	26.18	26.41	26.46		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	BPSK	24.38	24.04	24.60	23.72	24.42	24.23	27.07	27.24	27.43	29.87	0.9705
90	1	243		23.21	24.26	23.87	23.72	24.06	23.96	26.48	27.17	26.93		
90	120	60		24.21	24.41	24.90	24.18	24.42	24.49	27.21	27.43	27.71		
90	1	1	QPSK	24.47	24.56	24.22	24.04	24.36	24.45	27.27	27.47	27.35		
90	1	243		23.41	23.79	23.95	23.79	23.78	23.58	26.61	26.79	26.78		
90	120	60		23.99	24.45	24.70	24.29	24.33	24.43	27.15	27.40	27.58		
90	1	1	16-QAM	23.39	23.13	23.26	22.81	23.72	23.32	26.12	26.45	26.30	28.88	0.7727
90	1	243		22.78	23.24	23.22	22.95	22.87	23.32	25.88	26.07	26.28		
90	120	60		23.18	23.47	23.74	23.02	23.34	23.68	26.11	26.42	26.72		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.16 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	BPSK	-	24.62	-	-	24.17	-	-	27.41	-	29.72	0.9376
100	1	271		-	24.13	-	-	23.68	-	-	26.92	-		
100	135	67		-	24.49	-	-	24.61	-	-	27.56	-		
100	1	1	QPSK	-	24.71	-	-	24.21	-	-	27.48	-		
100	1	271		-	24.01	-	-	23.64	-	-	26.84	-		
100	135	67		-	24.56	-	-	24.51	-	-	27.55	-		
100	1	1	16-QAM	-	23.09	-	-	23.16	-	-	26.14	-	28.86	0.7691
100	1	271		-	23.21	-	-	23.25	-	-	26.24	-		
100	135	67		-	23.86	-	-	23.52	-	-	26.70	-		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	BPSK	22.26	23.17	23.00	23.77	23.61	23.55	26.09	26.41	26.29	27.46	0.5572
10	1	22		22.31	23.17	22.69	23.72	23.66	23.53	26.08	26.43	26.14		
10	12	6		22.39	23.19	22.84	23.71	23.65	23.55	26.11	26.44	26.22		
10	1	1	QPSK	22.48	23.13	23.10	23.64	23.48	23.63	26.11	26.32	26.38		
10	1	22		22.35	23.07	22.82	23.47	23.78	23.40	25.96	26.45	26.13		
10	12	6		22.41	23.22	22.89	23.72	23.82	23.57	26.12	26.54	26.25		
10	1	1	16-QAM	22.50	22.87	22.66	23.68	23.75	23.75	26.14	26.34	26.25	27.49	0.5610
10	1	22		22.54	23.32	22.83	23.61	23.79	23.50	26.12	26.57	26.19		
10	12	6		22.42	23.17	22.93	23.71	23.70	23.56	26.12	26.45	26.27		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	BPSK	22.30	23.22	23.15	23.72	23.62	23.72	26.08	26.43	26.45	27.46	0.5572
15	1	36		22.20	23.02	22.84	23.51	23.76	23.54	25.91	26.42	26.21		
15	18	9		22.45	23.15	23.05	23.71	23.75	23.62	26.14	26.47	26.35		
15	1	1	QPSK	22.14	23.18	23.10	23.48	23.58	23.72	25.87	26.39	26.43		
15	1	36		22.23	22.98	22.79	23.45	23.79	23.57	25.89	26.41	26.21		
15	18	9		22.47	23.22	23.03	23.82	23.81	23.68	26.21	26.54	26.38		
15	1	1	16-QAM	22.32	23.01	23.23	23.62	23.71	23.72	26.03	26.38	26.49	27.47	0.5585
15	1	36		22.12	23.05	22.96	23.53	23.75	23.59	25.89	26.42	26.30		
15	18	9		22.55	23.23	22.93	23.75	23.83	23.55	26.20	26.55	26.26		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	BPSK	22.44	23.20	23.06	23.66	23.67	23.57	26.10	26.45	26.33	27.44	0.5546
20	1	49		22.13	22.87	22.78	23.56	23.41	23.64	25.91	26.16	26.24		
20	25	12		22.49	23.23	23.10	23.71	23.77	23.71	26.15	26.52	26.43		
20	1	1	QPSK	22.35	23.30	23.02	23.73	23.64	23.77	26.10	26.48	26.42		
20	1	49		22.15	22.75	22.77	23.39	23.50	23.68	25.82	26.15	26.26		
20	25	12		22.46	23.20	23.03	23.73	23.79	23.73	26.15	26.52	26.40		
20	1	1	16-QAM	22.79	23.31	23.28	24.03	23.53	23.66	26.46	26.43	26.48	27.45	0.5559
20	1	49		22.37	22.79	22.85	23.66	23.38	23.47	26.07	26.11	26.18		
20	25	12		22.50	23.22	23.15	23.75	23.80	23.62	26.18	26.53	26.40		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	BPSK	22.44	23.25	23.16	23.75	23.92	23.60	26.15	26.61	26.40	27.63	0.5794
25	1	63		22.06	22.75	23.90	23.35	23.29	23.50	25.76	26.04	26.71		
25	32	16		22.37	23.23	23.04	23.58	23.76	23.79	26.03	26.51	26.44		
25	1	1	QPSK	22.35	23.41	23.15	23.68	23.95	23.80	26.08	26.70	26.50		
25	1	63		22.01	22.74	22.77	23.34	23.29	23.58	25.74	26.03	26.20		
25	32	16		22.39	23.22	23.06	23.59	23.77	23.72	26.04	26.51	26.41		
25	1	1	16-QAM	22.17	23.56	23.26	23.99	23.91	23.90	26.18	26.75	26.60	27.67	0.5848
25	1	63		21.88	22.93	22.90	23.17	23.33	23.40	25.58	26.14	26.17		
25	32	16		22.42	23.25	23.11	23.57	23.77	23.65	26.04	26.53	26.40		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	BPSK	22.45	23.53	23.05	23.69	23.84	23.62	26.12	26.70	26.35	27.71	0.5902
30	1	76		22.07	22.75	22.86	23.45	23.52	23.53	25.82	26.16	26.22		
30	36	18		22.34	23.25	23.07	23.53	23.83	23.67	25.99	26.56	26.39		
30	1	1	QPSK	22.45	23.57	23.15	23.72	23.98	23.52	26.14	26.79	26.35		
30	1	76		22.01	22.75	22.85	23.32	23.36	23.68	25.72	26.08	26.30		
30	36	18		22.32	23.25	23.11	23.59	23.80	23.64	26.01	26.54	26.39		
30	1	1	16-QAM	22.50	23.72	23.05	23.56	23.77	23.68	26.07	26.76	26.39	27.68	0.5861
30	1	76		21.93	23.20	22.74	23.36	23.45	23.77	25.71	26.34	26.30		
30	36	18		22.35	23.32	23.13	23.57	23.83	23.65	26.01	26.59	26.41		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	BPSK	22.39	23.73	23.14	23.72	23.99	23.79	26.12	26.87	26.49	27.79	0.6012
40	1	104		22.13	22.66	22.72	23.20	23.20	23.50	25.71	25.95	26.14		
40	50	25		22.35	23.28	23.09	23.57	23.82	23.67	26.01	26.57	26.40		
40	1	1	QPSK	22.52	23.61	23.07	23.78	24.01	23.94	26.21	26.82	26.54		
40	1	104		22.05	22.71	22.66	23.62	23.33	23.66	25.92	26.04	26.20		
40	50	25		22.37	23.30	23.10	23.58	23.84	23.65	26.03	26.59	26.39		
40	1	1	16-QAM	22.53	23.57	23.42	24.12	23.96	23.92	26.41	26.78	26.69	27.70	0.5888
40	1	104		21.89	22.75	23.13	23.48	23.56	23.81	25.77	26.18	26.49		
40	50	25		22.36	23.32	23.08	23.58	23.87	23.67	26.02	26.61	26.40		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	BPSK	22.67	23.43	23.49	23.79	23.51	24.12	26.28	26.48	26.83	27.75	0.5957
50	1	131		21.85	22.72	22.55	23.35	23.14	23.34	25.67	25.95	25.97		
50	64	32		22.13	23.23	22.86	23.45	23.82	23.46	25.85	26.55	26.18		
50	1	1	QPSK	22.51	23.38	23.42	23.88	23.86	23.97	26.26	26.64	26.71		
50	1	131		21.91	22.42	22.70	23.50	23.15	23.54	25.79	25.81	26.15		
50	64	32		22.17	23.30	22.90	23.45	23.84	23.46	25.87	26.59	26.20		
50	1	1	16-QAM	22.53	23.02	23.35	24.02	23.25	23.85	26.35	26.15	26.62	27.54	0.5675
50	1	131		21.76	22.65	23.12	23.44	23.49	23.57	25.69	26.10	26.36		
50	64	32		22.17	23.31	22.94	23.53	23.83	23.45	25.91	26.59	26.21		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	BPSK	22.59	23.43	23.48	23.88	23.48	23.74	26.29	26.47	26.62	27.67	0.5848
60	1	160		21.50	22.66	22.51	23.15	23.42	23.18	25.41	26.07	25.87		
60	81	40		22.22	23.24	22.87	23.54	23.77	23.45	25.94	26.52	26.18		
60	1	1	QPSK	22.54	23.34	23.44	23.82	23.70	24.02	26.24	26.53	26.75		
60	1	160		21.37	22.75	22.54	23.31	23.24	23.10	25.46	26.01	25.84		
60	81	40		22.19	23.23	22.88	23.52	23.78	23.45	25.92	26.52	26.18		
60	1	1	16-QAM	22.84	23.32	23.50	23.95	23.74	23.99	26.44	26.55	26.76	27.68	0.5861
60	1	160		21.73	22.98	22.10	23.28	23.15	23.04	25.58	26.08	25.61		
60	81	40		22.31	23.25	22.90	23.49	23.78	23.50	25.95	26.53	26.22		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	BPSK	22.63	23.60	23.87	23.80	23.73	24.12	26.26	26.68	27.01	27.94	0.6223
70	1	187		21.38	22.45	22.48	23.01	22.86	23.20	25.28	25.67	25.87		
70	90	45		22.45	23.31	23.02	23.81	23.84	23.62	26.19	26.59	26.34		
70	1	1	QPSK	22.55	23.64	23.85	23.78	23.82	24.16	26.22	26.74	27.02		
70	1	187		21.33	22.59	22.42	23.15	23.08	23.15	25.34	25.85	25.81		
70	90	45		22.46	23.35	23.02	23.82	23.85	23.56	26.20	26.62	26.31		
70	1	1	16-QAM	22.24	23.85	23.72	23.69	24.02	24.27	26.04	26.95	27.01	27.93	0.6209
70	1	187		21.13	22.74	22.23	23.07	23.36	22.88	25.22	26.07	25.58		
70	90	45		22.44	23.31	23.02	23.71	23.83	23.64	26.13	26.59	26.35		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	BPSK	22.72	23.84	23.42	23.85	24.00	23.46	26.33	26.93	26.45	27.85	0.6095
80	1	215		21.52	22.58	22.55	23.14	23.25	23.18	25.42	25.94	25.89		
80	108	54		22.30	23.28	23.05	23.63	23.80	23.61	26.03	26.56	26.35		
80	1	1	QPSK	22.74	23.93	23.52	23.90	23.91	23.74	26.37	26.93	26.64		
80	1	215		21.52	22.60	22.58	23.08	23.12	23.28	25.38	25.88	25.95		
80	108	54		22.27	23.25	23.05	23.69	23.80	23.58	26.05	26.54	26.33		
80	1	1	16-QAM	22.63	24.22	23.64	23.91	24.16	23.61	26.33	27.20	26.64	28.12	0.6486
80	1	215		21.31	22.29	22.58	22.99	23.09	23.08	25.24	25.72	25.85		
80	108	54		22.26	23.23	23.06	23.63	23.80	23.64	26.01	26.53	26.37		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	BPSK	22.84	23.81	23.17	23.97	24.01	23.75	26.45	26.92	26.48	28.04	0.6368
90	1	243		21.47	22.48	22.86	23.16	23.03	23.57	25.41	25.77	26.24		
90	120	60		22.29	23.27	22.89	23.56	23.80	23.60	25.98	26.55	26.27		
90	1	1	QPSK	22.78	24.05	23.13	24.11	24.16	23.87	26.51	27.12	26.53		
90	1	243		21.48	22.26	22.71	23.03	23.09	23.56	25.33	25.71	26.17		
90	120	60		22.28	23.31	22.92	23.65	23.81	23.66	26.03	26.58	26.32		
90	1	1	16-QAM	22.69	23.50	22.94	23.80	23.86	23.87	26.29	26.69	26.44	27.61	0.5768
90	1	243		21.42	22.41	22.75	22.86	22.65	23.68	25.21	25.54	26.25		
90	120	60		22.27	23.31	22.88	23.63	23.80	23.68	26.01	26.57	26.31		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.92 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	BPSK	-	23.65	-	-	24.12	-	-	26.90	-	27.90	0.6166
100	1	271		-	22.30	-	-	23.10	-	-	25.73	-		
100	135	67		-	23.28	-	-	23.74	-	-	26.53	-		
100	1	1	QPSK	-	23.78	-	-	24.15	-	-	26.98	-		
100	1	271		-	22.38	-	-	22.97	-	-	25.70	-		
100	135	67		-	23.31	-	-	23.74	-	-	26.54	-		
100	1	1	16-QAM	-	23.74	-	-	24.02	-	-	26.89	-	27.81	0.6039
100	1	271		-	22.32	-	-	23.14	-	-	25.76	-		
100	135	67		-	23.26	-	-	23.82	-	-	26.56	-		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	BPSK	24.06	24.14	24.26	23.20	23.92	24.12	26.66	27.04	27.20	29.47	0.8851
10	1	22		23.61	24.30	24.18	23.92	24.02	23.98	26.78	27.17	27.09		
10	12	6		23.99	24.21	24.33	23.95	24.04	23.82	26.98	27.14	27.09		
10	1	1	QPSK	24.12	24.13	24.28	23.98	23.90	24.11	27.06	27.03	27.21		
10	1	22		23.90	24.24	24.30	24.10	24.06	23.99	27.01	27.16	27.16		
10	12	6		23.97	24.31	24.31	23.94	24.13	24.00	26.97	27.23	27.17		
10	1	1	16-QAM	24.12	24.10	24.12	23.73	23.99	24.00	26.94	27.06	27.07	29.47	0.8851
10	1	22		24.05	24.13	24.20	24.01	24.07	23.92	27.04	27.11	27.07		
10	12	6		23.92	24.30	24.27	23.90	24.14	23.99	26.92	27.23	27.14		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	BPSK	24.13	24.00	24.24	23.75	24.04	24.01	26.95	27.03	27.14	29.46	0.8831
15	1	36		24.00	24.23	24.12	23.87	24.06	23.84	26.95	27.16	26.99		
15	18	9		24.03	24.28	24.17	24.02	24.10	23.99	27.04	27.20	27.09		
15	1	1	QPSK	24.02	24.16	24.21	23.91	24.03	24.12	26.98	27.11	27.18		
15	1	36		24.12	24.12	24.23	23.92	24.02	23.95	27.03	27.08	27.10		
15	18	9		24.02	24.31	24.22	24.00	24.10	23.97	27.02	27.22	27.11		
15	1	1	16-QAM	24.21	24.20	24.47	23.99	24.10	24.12	27.11	27.16	27.31	29.55	0.9016
15	1	36		23.95	24.38	24.12	23.94	24.11	24.21	26.96	27.26	27.18		
15	18	9		24.00	24.25	24.16	24.01	24.11	24.05	27.02	27.19	27.12		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	BPSK	24.22	24.25	24.35	23.82	23.92	23.92	27.03	27.10	27.15	29.42	0.8750
20	1	49		24.15	24.03	24.31	23.81	23.80	23.72	26.99	26.93	27.04		
20	25	12		24.04	24.24	24.13	24.04	24.10	23.99	27.05	27.18	27.07		
20	1	1	QPSK	24.12	24.12	24.31	24.02	23.93	23.94	27.08	27.04	27.14		
20	1	49		24.11	24.00	24.12	23.96	23.81	23.84	27.05	26.92	26.99		
20	25	12		24.06	24.25	24.14	24.02	24.07	24.00	27.05	27.17	27.08		
20	1	1	16-QAM	24.12	24.15	24.39	23.81	24.12	24.11	26.98	27.15	27.26	29.50	0.8913
20	1	49		24.12	24.02	24.23	23.78	23.81	23.99	26.96	26.93	27.12		
20	25	12		24.04	24.27	24.12	24.05	24.07	24.00	27.06	27.18	27.07		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	BPSK	24.25	24.19	24.16	24.07	24.12	23.92	27.17	27.17	27.05	29.49	0.8892
25	1	63		24.28	23.91	24.02	23.97	23.74	23.85	27.14	26.84	26.95		
25	32	16		24.16	24.31	24.16	24.00	24.11	23.95	27.09	27.22	27.07		
25	1	1	QPSK	24.37	24.16	24.30	24.10	24.15	23.92	27.25	27.17	27.12		
25	1	63		24.12	23.99	24.00	23.75	23.87	23.70	26.95	26.94	26.86		
25	32	16		24.22	24.25	24.11	24.00	24.12	23.92	27.12	27.20	27.03		
25	1	1	16-QAM	24.24	24.16	24.44	24.11	24.06	24.12	27.19	27.12	27.29	29.53	0.8974
25	1	63		24.22	23.91	24.02	23.81	23.52	23.84	27.03	26.73	26.94		
25	32	16		24.21	24.25	24.11	24.00	24.06	23.96	27.12	27.17	27.05		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	BPSK	24.10	24.27	24.22	23.99	24.21	23.97	27.06	27.25	27.11	29.49	0.8892
30	1	76		24.08	23.95	24.16	23.81	23.90	24.06	26.96	26.94	27.12		
30	36	18		24.12	24.29	24.39	23.82	24.11	24.07	26.98	27.21	27.24		
30	1	1	QPSK	24.15	24.27	24.36	23.91	24.21	24.01	27.04	27.25	27.20		
30	1	76		23.97	23.92	24.02	23.70	23.67	23.99	26.85	26.81	27.02		
30	36	18		24.11	24.29	24.36	23.85	24.12	24.08	26.99	27.22	27.23		
30	1	1	16-QAM	24.14	24.50	24.45	23.85	24.29	23.91	27.01	27.41	27.20	29.65	0.9226
30	1	76		23.79	24.10	24.26	23.67	23.75	23.79	26.74	26.94	27.04		
30	36	18		24.11	24.29	24.35	23.87	24.19	24.06	27.00	27.25	27.22		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	BPSK	24.15	24.15	23.89	23.96	24.27	23.79	27.07	27.22	26.85	29.46	0.8831
40	1	104		23.82	23.95	24.02	24.04	23.65	23.57	26.94	26.81	26.81		
40	50	25		24.10	24.15	24.11	23.99	24.12	23.96	27.06	27.15	27.05		
40	1	1	QPSK	24.15	23.88	23.98	23.95	23.75	23.93	27.06	26.83	26.97		
40	1	104		23.93	23.88	24.11	24.04	23.75	23.75	27.00	26.83	26.94		
40	50	25		24.05	24.13	24.14	23.96	24.17	23.96	27.02	27.16	27.06		
40	1	1	16-QAM	24.14	23.84	23.12	24.07	24.13	24.08	27.12	27.00	26.64	29.40	0.8710
40	1	104		23.95	23.68	23.92	23.98	23.58	23.95	26.98	26.64	26.95		
40	50	25		24.09	24.17	24.14	24.02	24.12	24.01	27.07	27.16	27.09		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	BPSK	24.09	24.13	24.21	23.91	23.89	24.14	27.01	27.02	27.19	29.43	0.8770
50	1	131		23.87	23.84	23.81	23.98	23.65	23.58	26.94	26.76	26.71		
50	64	32		23.97	24.14	23.97	23.77	24.13	23.72	26.88	27.15	26.86		
50	1	1	QPSK	24.10	24.17	24.16	23.86	24.02	24.11	26.99	27.11	27.15		
50	1	131		23.81	23.74	23.88	23.83	23.67	23.69	26.83	26.72	26.80		
50	64	32		24.01	24.15	23.99	23.78	24.12	23.74	26.91	27.15	26.88		
50	1	1	16-QAM	24.12	24.25	24.06	24.08	24.02	23.39	27.11	27.15	26.75	29.43	0.8770
50	1	131		23.68	23.75	23.72	23.84	23.84	23.95	26.77	26.81	26.85		
50	64	32		24.01	24.19	23.97	23.81	24.16	23.74	26.92	27.19	26.87		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	BPSK	24.17	24.17	24.14	24.04	23.91	24.12	27.12	27.05	27.14	29.40	0.8710
60	1	160		23.61	23.83	23.97	23.63	23.81	23.69	26.63	26.83	26.84		
60	81	40		24.03	24.14	24.05	23.96	24.13	23.80	27.01	27.15	26.94		
60	1	1	QPSK	24.13	24.21	24.08	23.98	23.95	24.21	27.07	27.09	27.16		
60	1	160		23.65	23.82	23.92	23.61	23.79	23.69	26.64	26.82	26.82		
60	81	40		24.03	24.14	24.03	23.97	24.10	23.82	27.01	27.13	26.94		
60	1	1	16-QAM	24.58	24.66	24.06	24.07	23.96	24.13	27.34	27.33	27.11	29.58	0.9078
60	1	160		24.15	24.14	23.93	23.75	24.05	23.76	26.96	27.11	26.86		
60	81	40		24.04	24.14	24.02	23.97	24.15	23.83	27.02	27.16	26.94		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	BPSK	24.25	24.26	23.93	23.96	24.07	23.71	27.12	27.18	26.83	29.55	0.9016
70	1	187		23.69	23.84	23.95	23.45	23.74	23.74	26.58	26.80	26.86		
70	90	45		24.01	24.18	24.06	24.09	24.14	24.02	27.06	27.17	27.05		
70	1	1	QPSK	24.24	24.24	24.26	23.93	24.09	24.33	27.10	27.18	27.31		
70	1	187		23.75	23.72	23.94	23.43	23.69	23.78	26.60	26.72	26.87		
70	90	45		24.01	24.16	24.05	24.11	24.17	24.01	27.07	27.18	27.04		
70	1	1	16-QAM	24.37	24.12	24.35	24.21	23.73	24.12	27.30	26.94	27.25	29.54	0.8995
70	1	187		23.95	24.08	23.92	23.81	23.65	23.52	26.89	26.88	26.73		
70	90	45		23.99	24.15	24.03	24.11	24.13	23.98	27.06	27.15	27.02		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	BPSK	24.19	24.15	24.24	24.09	24.29	23.98	27.15	27.23	27.12	29.47	0.8851
80	1	215		23.72	23.72	23.84	23.69	23.64	23.67	26.72	26.69	26.77		
80	108	54		23.96	24.15	23.94	24.05	24.10	23.89	27.02	27.14	26.93		
80	1	1	QPSK	24.24	24.05	24.17	24.12	24.18	23.05	27.19	27.13	26.66		
80	1	215		23.78	23.73	23.76	23.72	23.74	23.69	26.76	26.75	26.74		
80	108	54		23.98	24.12	23.96	24.08	24.13	23.91	27.04	27.14	26.95		
80	1	1	16-QAM	24.32	23.94	23.95	24.08	24.07	24.21	27.21	27.02	27.09	29.45	0.8810
80	1	215		23.77	23.62	23.57	23.73	23.77	23.62	26.76	26.71	26.61		
80	108	54		23.45	24.15	23.97	24.08	24.17	23.87	26.79	27.17	26.93		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	BPSK	24.35	24.19	24.20	24.08	24.15	24.24	27.23	27.18	27.23	29.47	0.8851
90	1	243		23.59	23.79	23.95	23.71	23.51	23.59	26.66	26.66	26.78		
90	120	60		23.92	24.15	24.22	23.95	24.14	24.21	26.95	27.16	27.23		
90	1	1	QPSK	24.26	24.10	24.23	24.18	23.18	24.17	27.23	26.67	27.21		
90	1	243		23.56	23.75	23.74	23.65	23.55	23.54	26.62	26.66	26.65		
90	120	60		23.91	24.17	24.22	23.95	24.15	24.21	26.94	27.17	27.23		
90	1	1	16-QAM	24.28	24.05	24.29	23.98	24.31	24.16	27.14	27.19	27.24	29.48	0.8872
90	1	243		23.76	23.76	23.74	23.66	23.86	23.51	26.72	26.82	26.64		
90	120	60		23.93	24.12	24.19	23.98	24.15	24.23	26.97	27.15	27.22		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 2.24 dBi														
BW	RB	RB	Mod	Antenna 6			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	BPSK	-	24.27	-	-	24.01	-	-	27.15	-	29.48	0.8872
100	1	271		-	23.81	-	-	23.44	-	-	26.64	-		
100	135	67		-	24.17	-	-	24.11	-	-	27.15	-		
100	1	1	QPSK	-	24.28	-	-	24.17	-	-	27.24	-		
100	1	271		-	23.74	-	-	23.58	-	-	26.67	-		
100	135	67		-	24.19	-	-	24.15	-	-	27.18	-		
100	1	1	16-QAM	-	24.19	-	-	24.01	-	-	27.11	-	29.41	0.8730
100	1	271		-	23.65	-	-	23.58	-	-	26.63	-		
100	135	67		-	24.17	-	-	24.14	-	-	27.17	-		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
10	1	1	BPSK	23.05	22.93	23.15	23.46	23.55	23.72	26.27	26.26	26.45	27.47	0.5585
10	1	22		22.80	23.01	23.02	23.62	23.71	23.67	26.24	26.38	26.37		
10	12	6		22.80	23.15	23.13	23.56	23.48	23.65	26.21	26.33	26.41		
10	1	1	QPSK	23.02	22.83	23.13	23.50	23.54	24.09	26.28	26.21	26.65		
10	1	22		22.86	22.98	22.92	23.50	23.48	23.63	26.20	26.25	26.30		
10	12	6		22.88	23.10	23.06	23.60	23.50	23.64	26.27	26.31	26.37		
10	1	1	16-QAM	23.28	22.94	23.03	23.43	23.36	23.32	26.37	26.17	26.19	27.34	0.5420
10	1	22		23.17	23.07	22.75	23.38	23.71	23.76	26.29	26.41	26.29		
10	12	6		22.87	23.09	23.28	23.65	23.68	23.73	26.29	26.41	26.52		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
15	1	1	BPSK	23.15	23.02	23.08	23.65	23.40	23.81	26.42	26.22	26.47	27.29	0.5358
15	1	36		23.02	23.05	22.94	23.47	23.54	23.92	26.26	26.31	26.47		
15	18	9		22.92	23.14	23.06	23.62	23.74	23.83	26.29	26.46	26.47		
15	1	1	QPSK	23.08	23.11	23.01	23.54	23.65	23.83	26.33	26.40	26.45		
15	1	36		22.86	23.07	22.89	23.40	23.67	23.67	26.15	26.39	26.31		
15	18	9		22.91	23.10	23.00	23.57	23.70	23.82	26.26	26.42	26.44		
15	1	1	16-QAM	22.99	23.00	23.25	23.75	23.69	24.03	26.40	26.37	26.67	27.49	0.5610
15	1	36		23.05	23.09	22.96	23.40	23.52	23.81	26.24	26.32	26.42		
15	18	9		22.87	23.10	23.17	23.59	23.60	23.83	26.26	26.37	26.52		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
20	1	1	BPSK	23.08	22.95	23.28	23.30	23.83	23.82	26.20	26.42	26.57	27.39	0.5483
20	1	49		23.07	22.86	22.94	23.52	23.42	23.51	26.31	26.16	26.24		
20	25	12		22.96	23.13	23.01	23.67	23.70	23.87	26.34	26.43	26.47		
20	1	1	QPSK	23.11	22.97	23.02	23.56	23.74	23.86	26.35	26.38	26.47		
20	1	49		22.90	22.81	22.94	23.60	23.51	23.72	26.27	26.18	26.36		
20	25	12		22.97	23.13	23.03	23.68	23.68	23.84	26.35	26.42	26.46		
20	1	1	16-QAM	23.02	22.95	23.10	23.80	23.84	23.98	26.44	26.43	26.57	27.39	0.5483
20	1	49		23.00	22.84	23.00	23.96	23.76	23.34	26.52	26.33	26.18		
20	25	12		23.00	23.10	23.05	23.71	23.71	23.87	26.38	26.43	26.49		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
25	1	1	BPSK	23.14	23.33	23.31	23.38	24.11	23.95	26.27	26.75	26.65	27.57	0.5715
25	1	63		22.93	22.82	23.10	23.54	23.33	23.60	26.26	26.09	26.37		
25	32	16		23.08	23.16	23.03	23.54	23.71	23.87	26.33	26.45	26.48		
25	1	1	QPSK	23.37	23.10	23.30	23.47	23.77	23.94	26.43	26.46	26.64		
25	1	63		23.03	22.89	22.99	23.43	23.36	23.50	26.24	26.14	26.26		
25	32	16		23.10	23.15	23.05	23.61	23.70	23.87	26.37	26.44	26.49		
25	1	1	16-QAM	23.18	23.45	23.35	23.68	23.84	24.12	26.45	26.66	26.76	27.58	0.5728
25	1	63		22.98	23.08	22.33	23.40	23.63	23.41	26.21	26.37	25.91		
25	32	16		23.19	23.23	22.99	23.56	23.71	23.90	26.39	26.49	26.48		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
30	1	1	BPSK	23.20	23.20	23.23	23.55	24.04	23.87	26.39	26.65	26.57	27.62	0.5781
30	1	76		22.82	22.73	22.96	23.58	23.60	23.61	26.23	26.20	26.31		
30	36	18		23.06	23.19	23.12	23.62	23.77	23.80	26.36	26.50	26.48		
30	1	1	QPSK	23.11	23.32	23.18	23.50	24.21	23.64	26.32	26.80	26.43		
30	1	76		22.76	22.60	22.86	23.37	23.39	23.48	26.09	26.02	26.19		
30	36	18		23.04	23.18	23.13	23.60	23.76	23.78	26.34	26.49	26.48		
30	1	1	16-QAM	23.75	23.40	23.25	23.87	24.30	23.54	26.82	26.88	26.41	27.70	0.5888
30	1	76		23.06	23.01	22.62	23.56	23.54	23.78	26.33	26.29	26.25		
30	36	18		23.05	23.23	23.17	23.63	23.87	23.80	26.36	26.57	26.51		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
40	1	1	BPSK	23.23	23.34	23.15	23.77	24.02	23.96	26.52	26.70	26.58	27.52	0.5649
40	1	104		22.83	22.92	22.96	23.65	23.29	23.54	26.27	26.12	26.27		
40	50	25		23.05	23.16	23.15	23.68	23.79	23.83	26.39	26.50	26.51		
40	1	1	QPSK	23.20	23.38	23.08	23.75	23.96	23.76	26.49	26.69	26.44		
40	1	104		22.78	22.75	22.82	23.56	23.16	23.50	26.20	25.97	26.18		
40	50	25		23.05	23.21	23.18	23.70	23.77	23.84	26.40	26.51	26.53		
40	1	1	16-QAM	23.47	23.29	23.23	23.38	23.89	23.75	26.44	26.61	26.51	27.43	0.5534
40	1	104		23.22	23.03	22.83	23.16	23.52	23.55	26.20	26.29	26.22		
40	50	25		23.08	23.20	23.18	23.67	23.79	23.77	26.40	26.52	26.50		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
50	1	1	BPSK	23.17	23.30	23.54	23.81	23.86	23.74	26.51	26.60	26.65	27.54	0.5675
50	1	131		22.84	22.65	22.75	23.41	23.32	23.36	26.14	26.01	26.08		
50	64	32		23.26	23.23	23.10	23.76	23.77	23.62	26.53	26.52	26.38		
50	1	1	QPSK	23.29	23.36	23.41	23.81	23.76	23.99	26.57	26.57	26.72		
50	1	131		22.69	22.55	22.85	23.37	23.28	23.30	26.05	25.94	26.09		
50	64	32		23.19	23.20	23.05	23.72	23.82	23.58	26.47	26.53	26.33		
50	1	1	16-QAM	23.14	22.87	23.36	23.93	23.83	23.80	26.56	26.39	26.60	27.42	0.5521
50	1	131		22.35	22.28	22.97	23.37	23.30	23.31	25.90	25.83	26.15		
50	64	32		23.25	23.23	23.06	23.80	23.83	23.58	26.54	26.55	26.34		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
60	1	1	BPSK	23.09	23.32	23.23	23.73	23.88	23.94	26.43	26.62	26.61	27.44	0.5546
60	1	160		22.47	22.63	22.80	23.21	23.36	23.41	25.87	26.02	26.13		
60	81	40		23.16	23.18	23.05	23.80	23.78	23.57	26.50	26.50	26.33		
60	1	1	QPSK	22.93	23.48	23.20	23.87	23.64	23.74	26.44	26.57	26.49		
60	1	160		22.73	22.50	22.59	23.13	23.50	23.32	25.94	26.04	25.98		
60	81	40		23.20	23.16	23.12	23.81	23.79	23.58	26.53	26.50	26.37		
60	1	1	16-QAM	22.97	23.50	22.79	24.10	23.73	24.00	26.58	26.63	26.45	27.45	0.5559
60	1	160		22.14	22.97	22.76	23.12	23.53	23.42	25.67	26.27	26.11		
60	81	40		23.16	23.17	23.10	23.80	23.70	23.58	26.50	26.45	26.36		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	BPSK	23.41	23.41	23.56	23.67	24.03	24.30	26.55	26.74	26.96	27.78	0.5998
70	1	187		22.71	22.65	22.58	23.03	23.27	23.50	25.88	25.98	26.07		
70	90	45		23.07	23.26	23.06	23.85	23.72	23.65	26.49	26.51	26.38		
70	1	1	QPSK	23.61	23.43	23.46	23.80	24.12	24.31	26.72	26.80	26.92		
70	1	187		22.66	22.61	22.58	23.03	23.29	23.45	25.86	25.97	26.05		
70	90	45		23.07	23.23	23.08	23.85	23.82	23.68	26.49	26.55	26.40		
70	1	1	16-QAM	23.43	23.37	23.51	23.63	24.24	24.12	26.54	26.84	26.84	27.66	0.5834
70	1	187		22.42	23.22	22.41	23.20	23.63	23.41	25.84	26.44	25.95		
70	90	45		23.12	23.27	23.02	23.90	23.88	23.62	26.54	26.60	26.34		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	BPSK	23.41	23.40	23.41	24.04	24.01	23.99	26.75	26.73	26.72	27.57	0.5715
80	1	215		22.54	22.70	22.60	23.26	23.50	23.30	25.93	26.13	25.97		
80	108	54		22.96	23.21	23.01	23.67	23.80	23.60	26.34	26.53	26.33		
80	1	1	QPSK	23.50	23.50	23.36	23.70	23.87	24.05	26.61	26.70	26.73		
80	1	215		22.48	22.45	22.35	23.11	23.20	23.01	25.82	25.85	25.70		
80	108	54		22.95	23.30	22.98	23.73	23.82	23.62	26.37	26.58	26.32		
80	1	1	16-QAM	23.44	23.43	23.25	23.96	23.97	23.96	26.72	26.72	26.63	27.54	0.5675
80	1	215		22.87	22.67	22.17	23.38	23.37	23.43	26.14	26.04	25.86		
80	108	54		22.97	23.22	23.01	23.69	23.80	23.62	26.36	26.53	26.34		
Limit	EIRP < 1W			Result									Pass	

Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	BPSK	23.38	23.56	23.39	23.95	24.01	24.06	26.68	26.80	26.75	27.64	0.5808
90	1	243		22.27	22.41	22.45	23.21	23.15	23.25	25.78	25.81	25.88		
90	120	60		22.98	23.21	23.16	23.70	23.79	23.83	26.37	26.52	26.52		
90	1	1	QPSK	23.48	23.46	23.28	23.86	24.14	24.20	26.68	26.82	26.77		
90	1	243		22.29	22.67	22.35	23.11	22.96	23.13	25.73	25.83	25.77		
90	120	60		22.96	23.17	23.24	23.67	23.83	23.84	26.34	26.52	26.56		
90	1	1	16-QAM	23.65	23.48	23.34	23.71	23.65	23.68	26.69	26.58	26.52	27.51	0.5636
90	1	243		22.60	22.70	22.61	23.31	23.30	23.42	25.98	26.02	26.04		
90	120	60		22.98	23.26	23.23	23.71	23.90	23.88	26.37	26.60	26.58		
Limit	EIRP < 1W			Result									Pass	

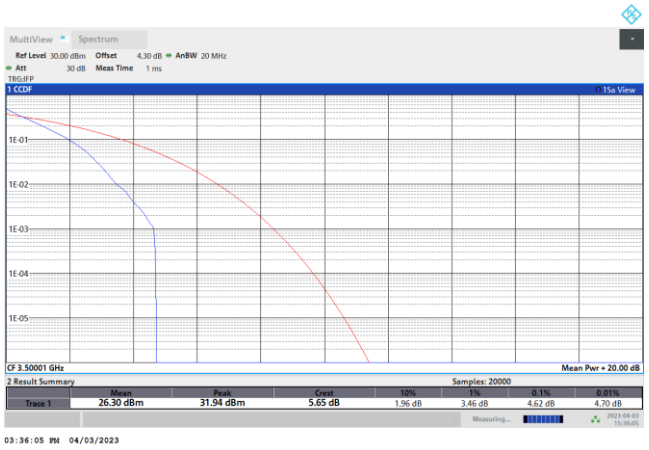
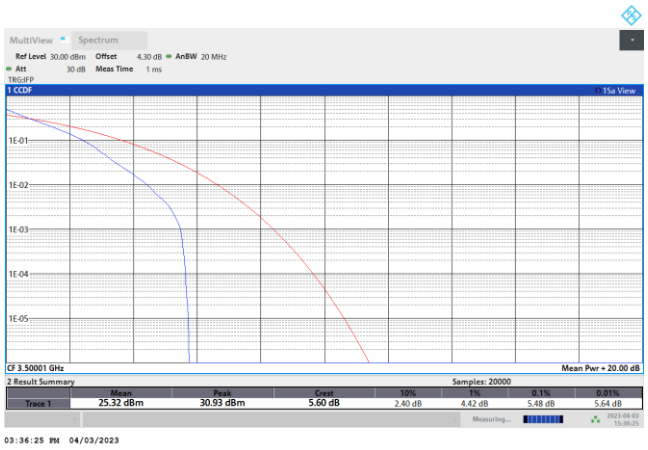
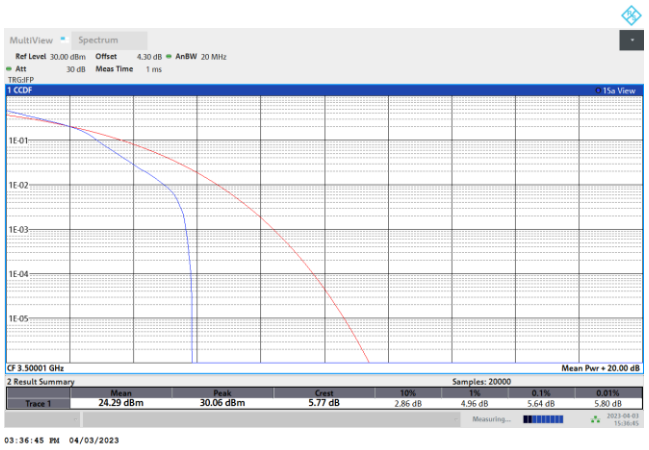
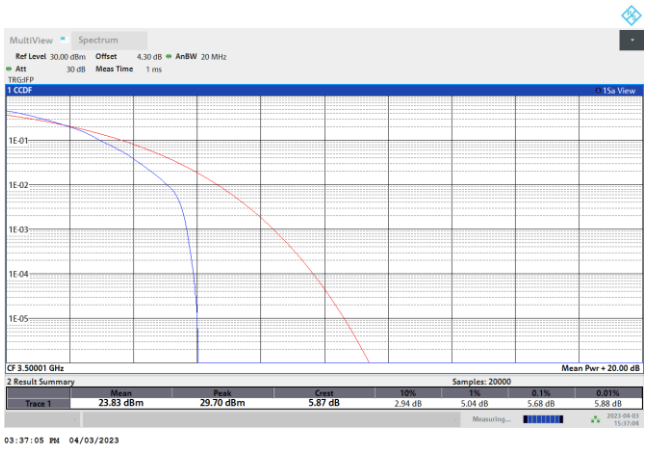
Part27Q NR n77 HPUE Maximum Average Power [dBm], DG = 0.82 dBi														
BW	RB	RB	Mod	Antenna 7			Antenna 1			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	BPSK	-	23.48	-	-	23.80	-	-	26.65	-	27.47	0.5585
100	1	271		-	22.43	-	-	22.90	-	-	25.68	-		
100	135	67		-	23.16	-	-	23.89	-	-	26.55	-		
100	1	1	QPSK	-	23.51	-	-	23.77	-	-	26.65	-		
100	1	271		-	22.52	-	-	22.92	-	-	25.73	-		
100	135	67		-	23.16	-	-	23.83	-	-	26.52	-		
100	1	1	16-QAM	-	23.54	-	-	23.75	-	-	26.66	-	27.48	0.5598
100	1	271		-	22.43	-	-	22.89	-	-	25.68	-		
100	135	67		-	23.20	-	-	23.80	-	-	26.52	-		
Limit	EIRP < 1W			Result									Pass	

FR1 n77 HPUE

<SISO Mode>

Peak-to-Average Ratio

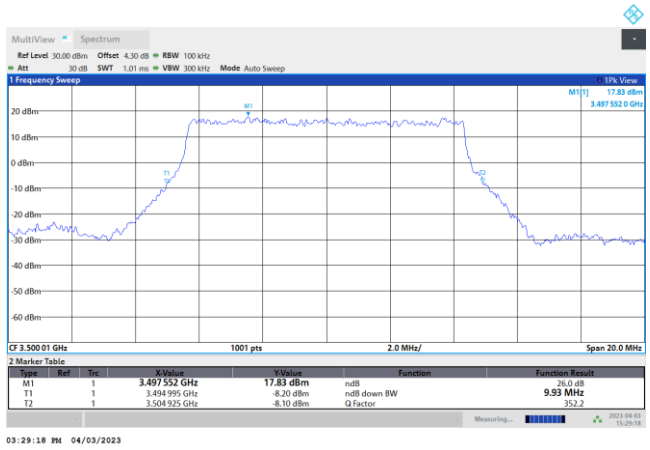
Mode	FR1 n77 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.62	5.48	5.64	5.68	PASS
Mode	FR1 n77 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.54				PASS

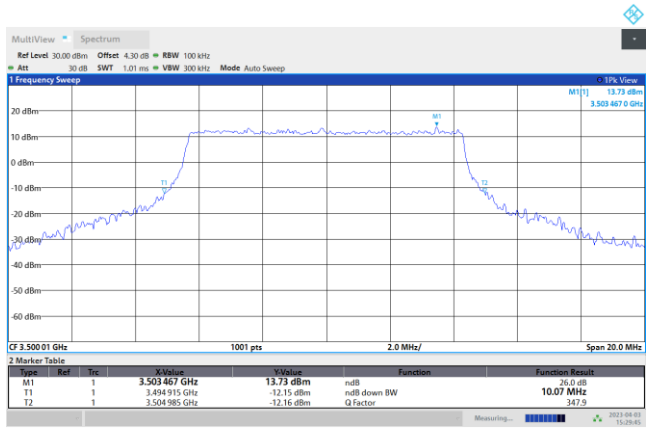
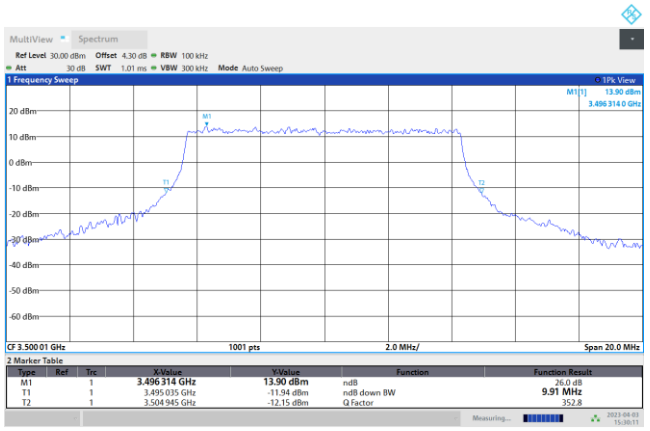
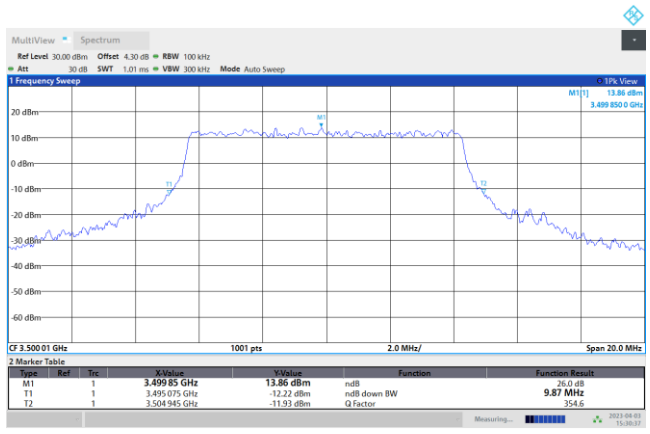
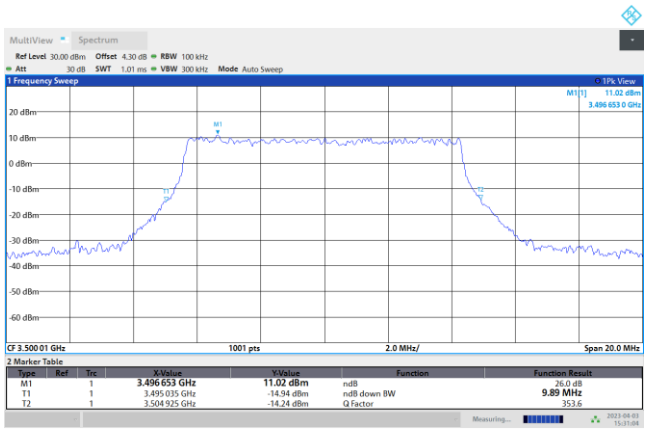
FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	**QPSK**
	
16QAM	**64QAM**
	
256QAM	
	

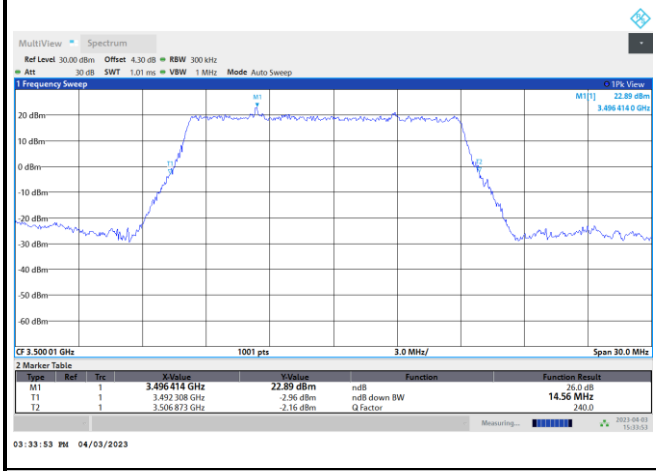
26dB Bandwidth

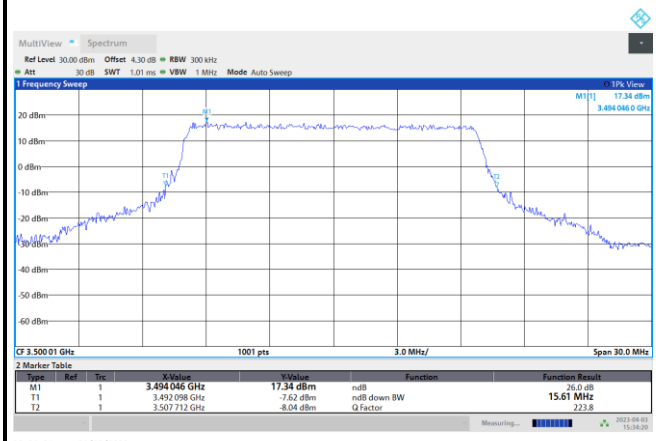
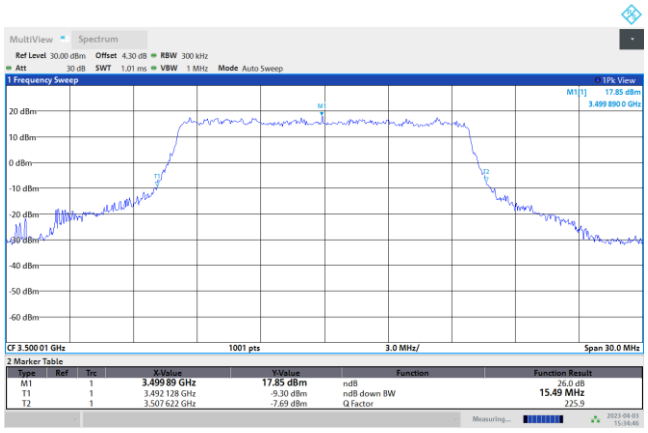
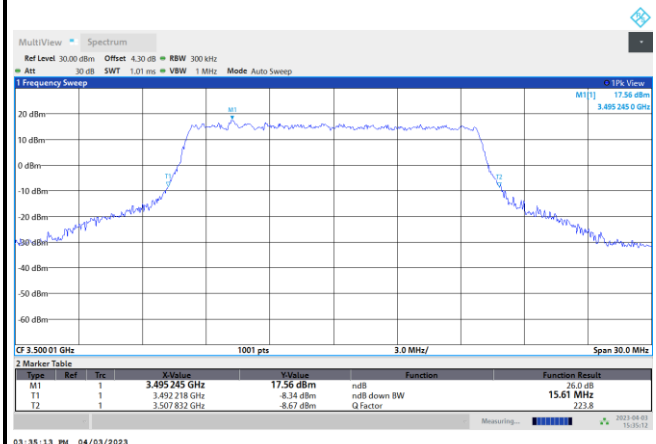
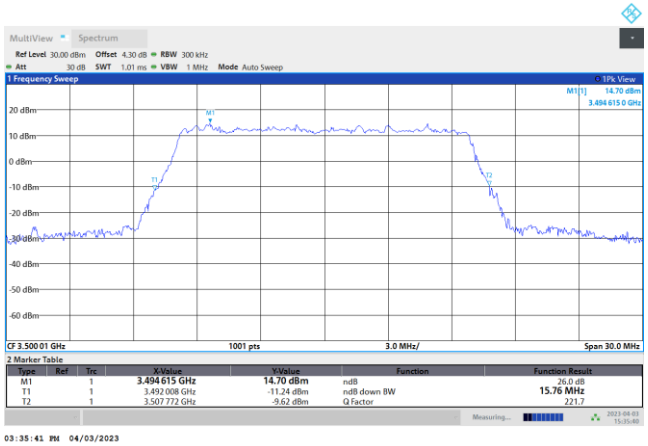
Mode	FR1 n77 : 26dB BW(MHz) / DFT-S OFDM							
BW	10MHz	15MHz	20MHz	25MHz	30MHz	40MHz	50MHz	60MHz
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK
Middle CH	9.93	14.57	19.66	24.78	28.83	39.00	49.75	63.30
BW	70MHz	80MHz	90MHz	100MHz				
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK				
Middle CH	70.21	83.12	93.15	103.10				

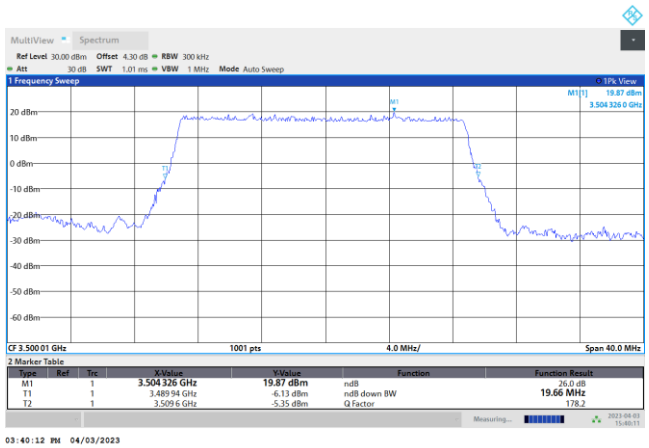
Mode	FR1 n77 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.07	9.91	15.61	15.50	20.26	20.18	25.18	25.18
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	9.87	9.89	15.61	15.76	20.14	20.22	25.33	25.28
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	30.15	29.85	42.20	42.68	52.15	51.15	63.66	63.42
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	29.85	29.85	42.36	42.92	52.05	52.05	62.82	64.02
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	73.01	73.01	84.08	84.24	93.69	93.15	103.10	103.10
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	74.55	74.27	83.28	83.28	92.97	93.15	103.50	103.10

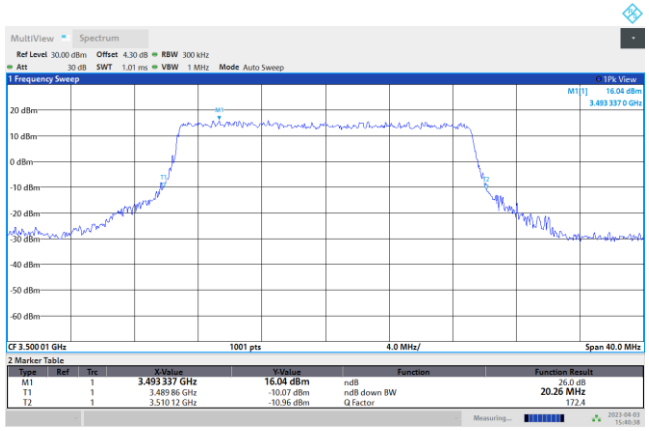
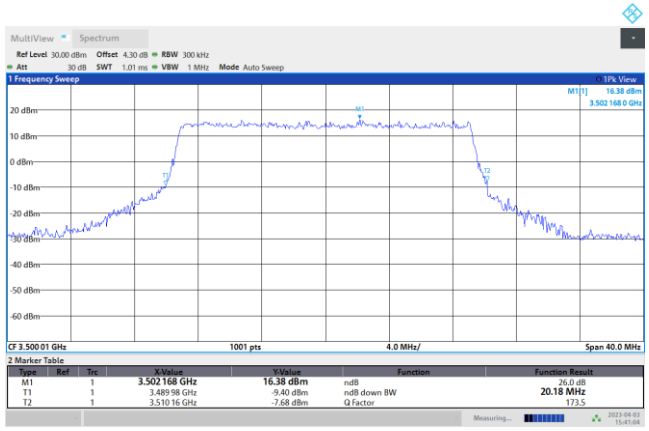
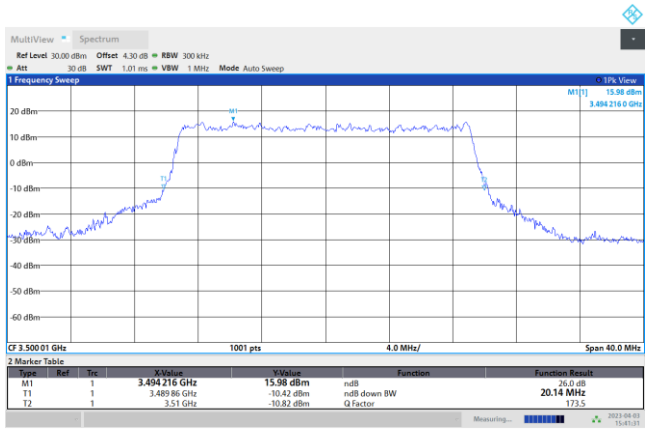
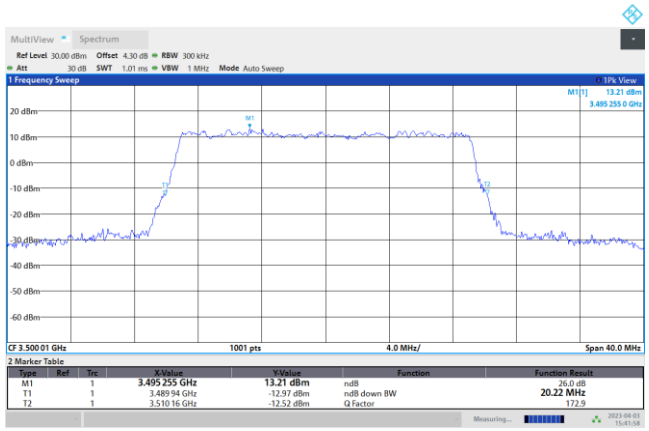
FR1 n77 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

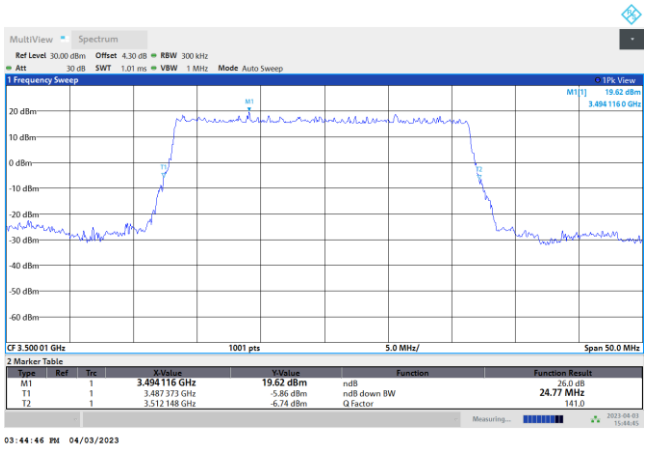
FR1 n77 / 10MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

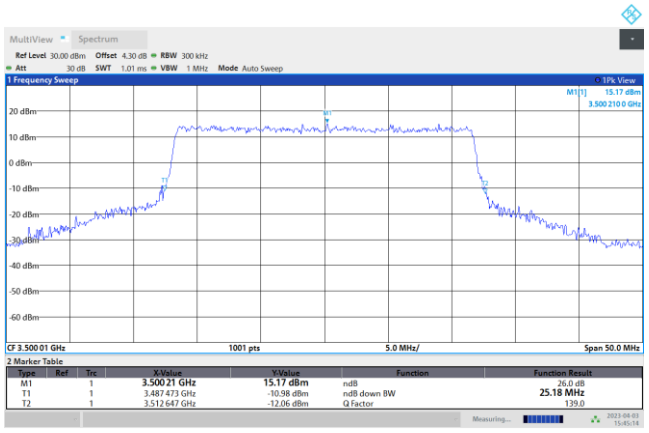
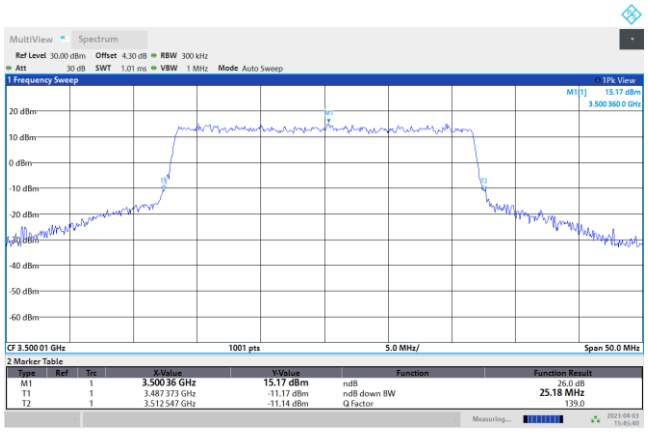
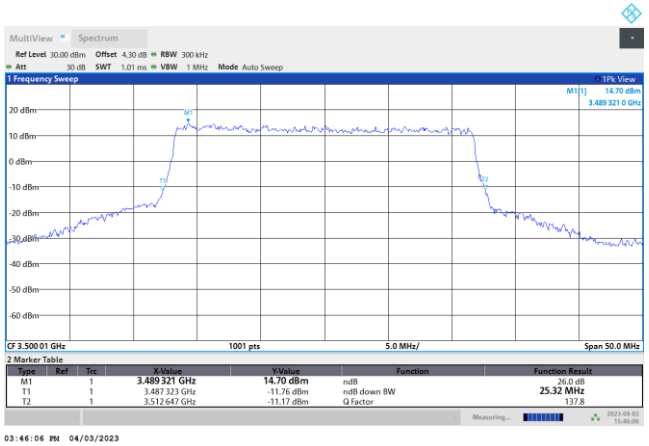
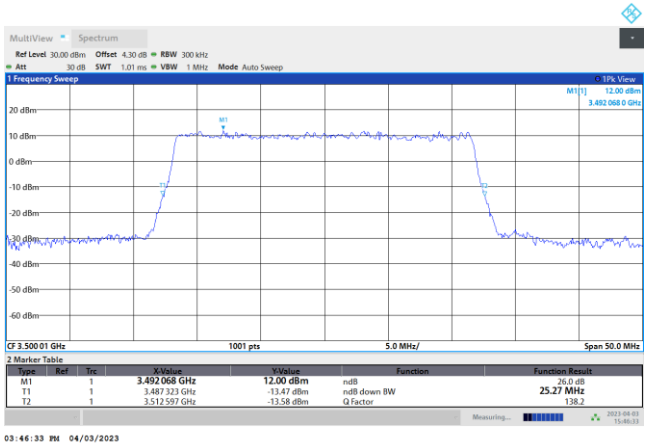
FR1 n77 / 15MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

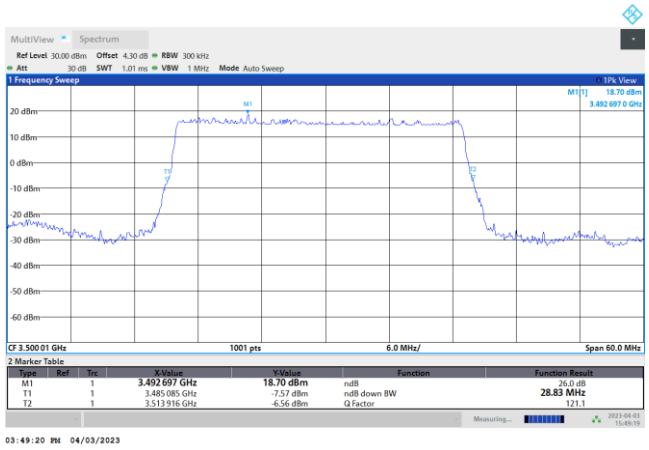
FR1 n77 / 15MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

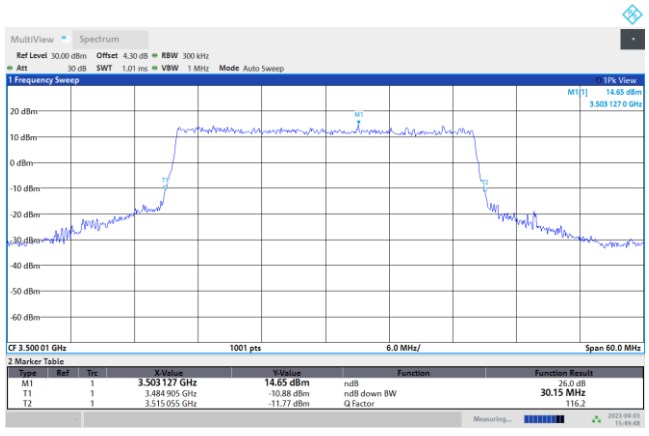
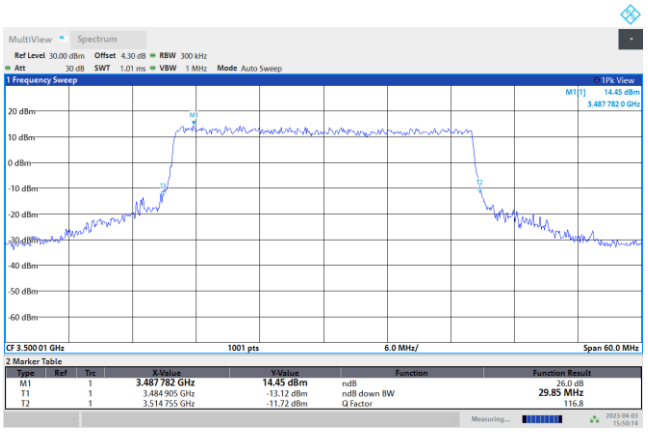
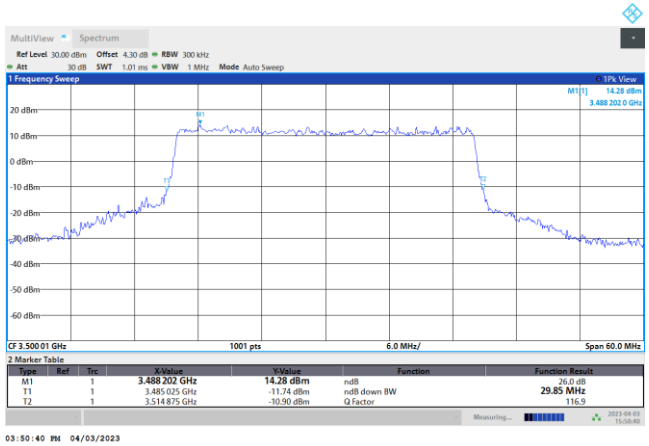
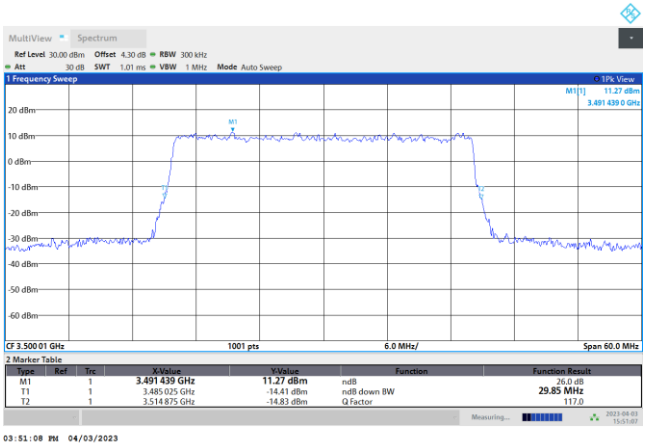
FR1 n77 / 20MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

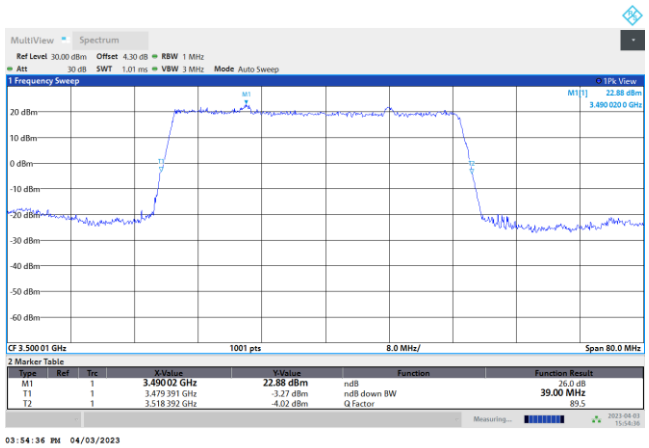
FR1 n77 / 20MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

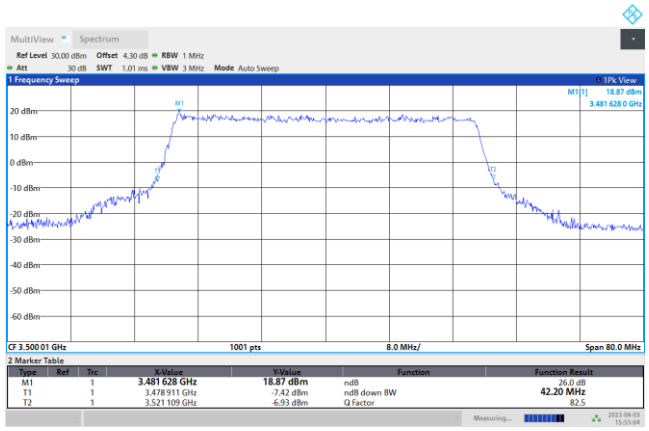
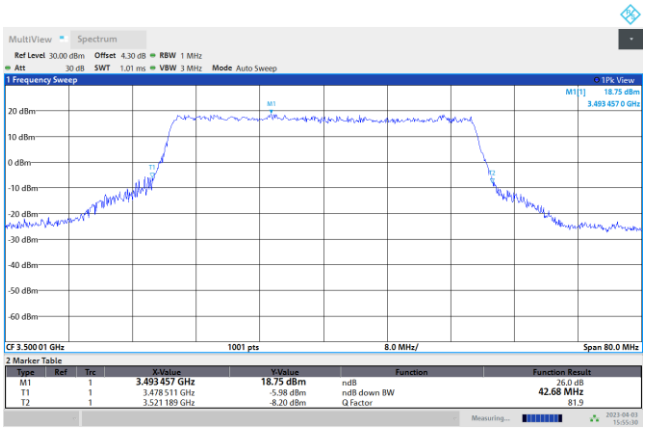
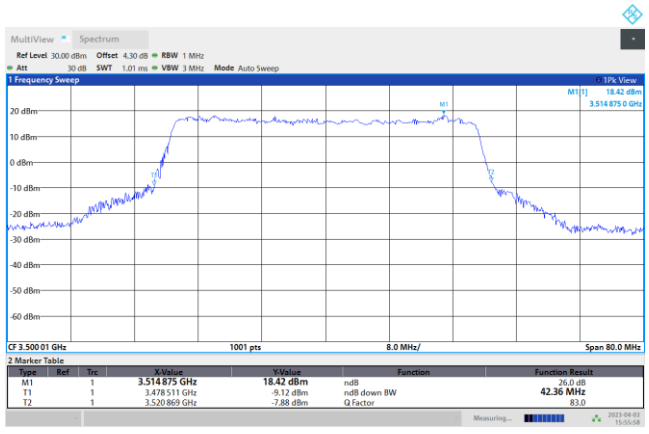
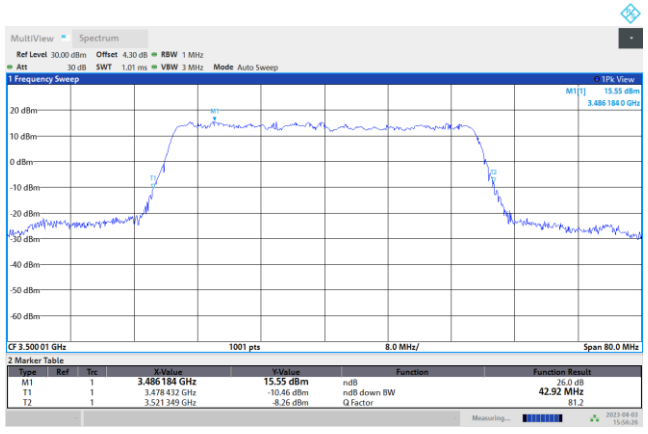
FR1 n77 / 25MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

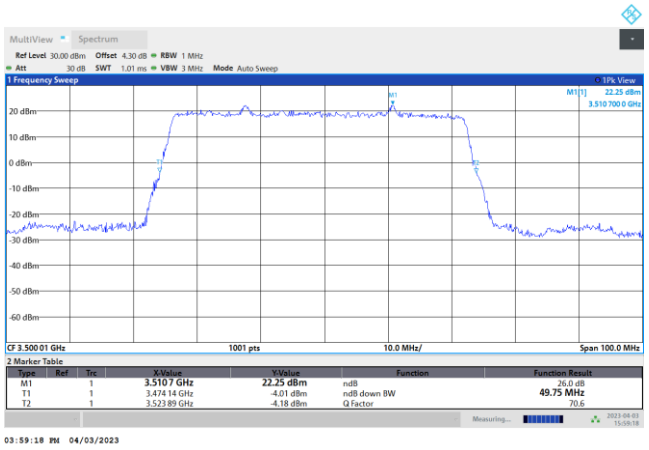
FR1 n77 / 25MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

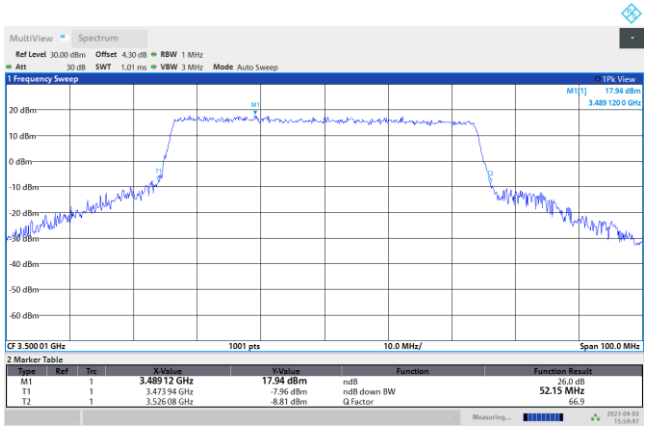
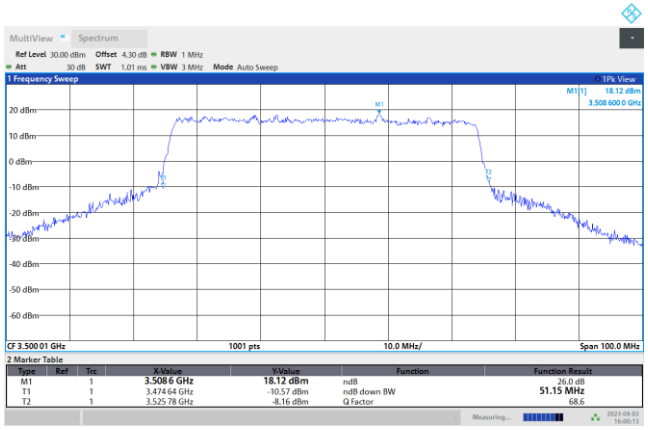
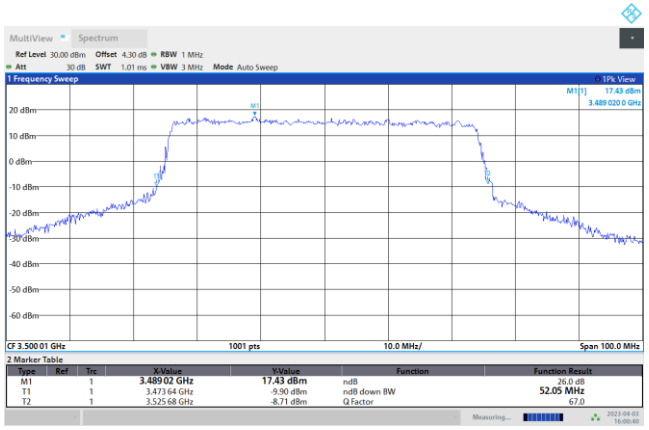
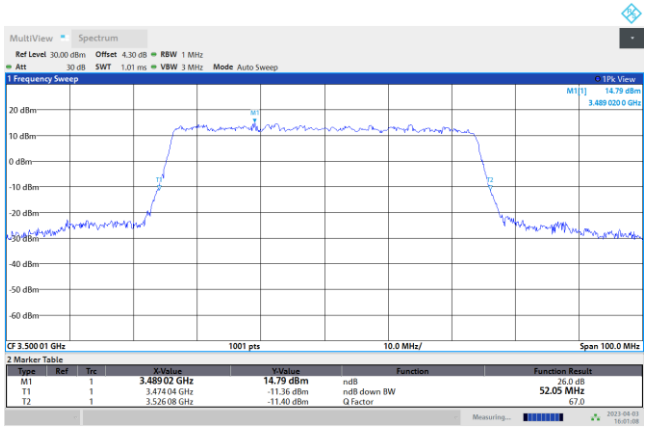
FR1 n77 / 30MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

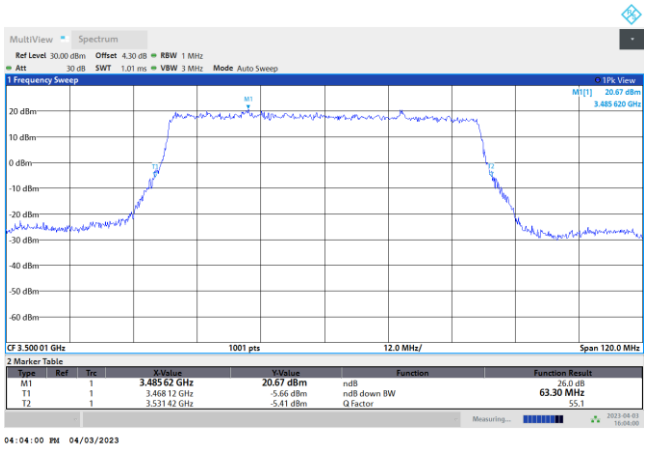
FR1 n77 / 30MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

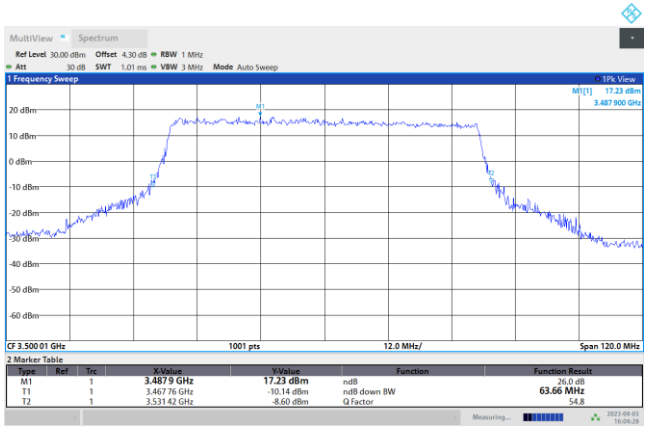
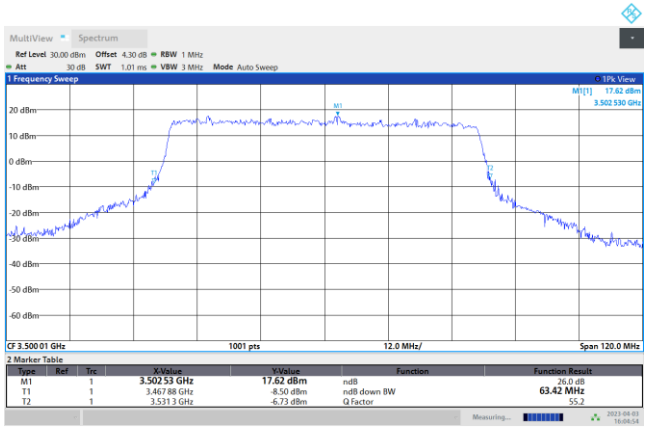
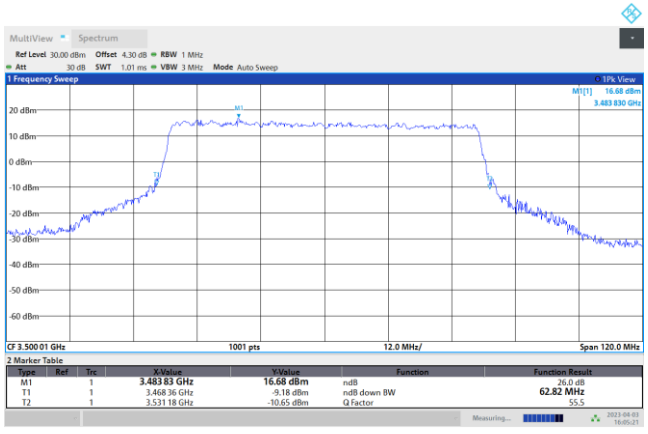
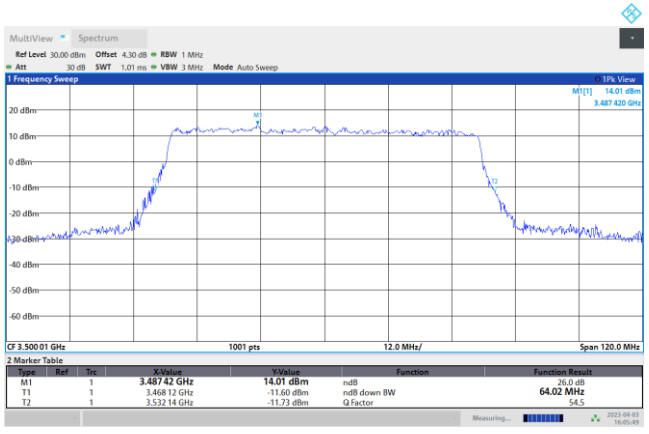
FR1 n77 / 40MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

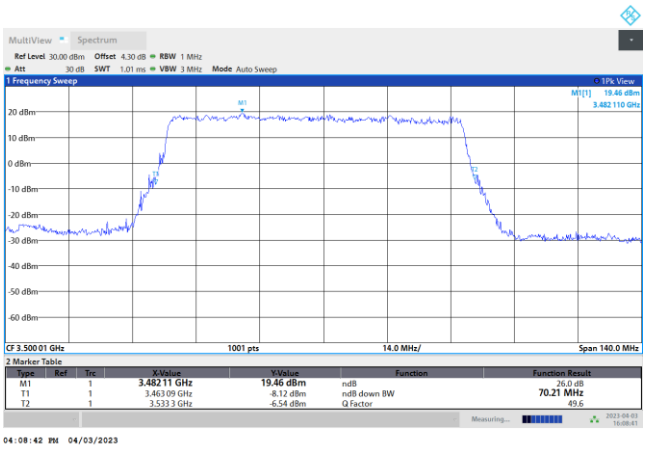
FR1 n77 / 40MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

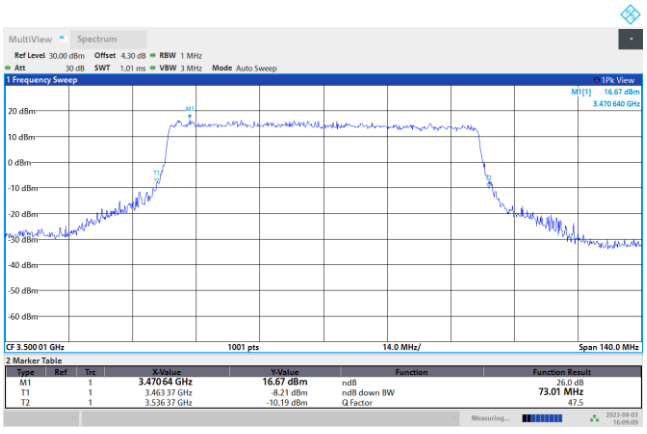
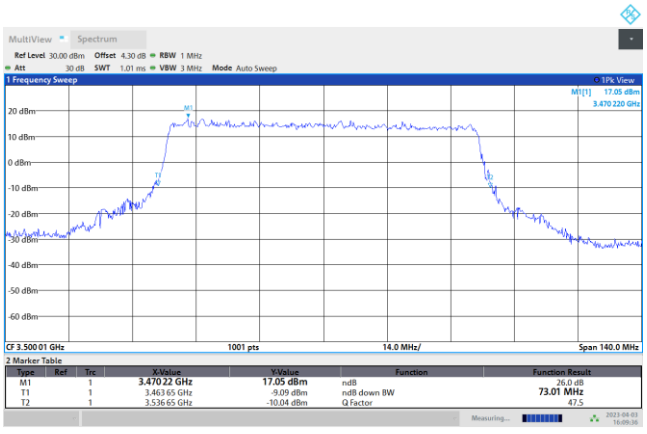
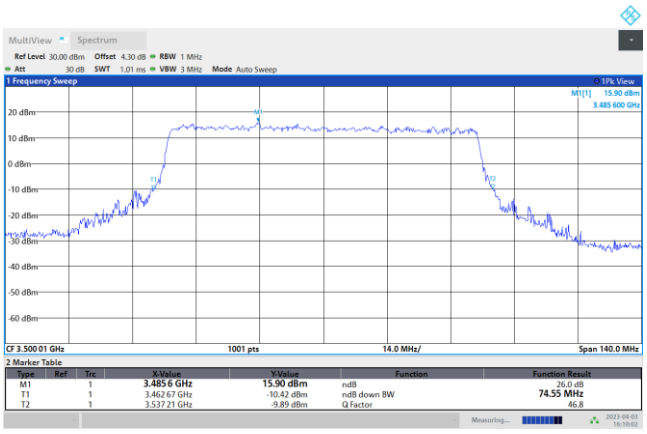
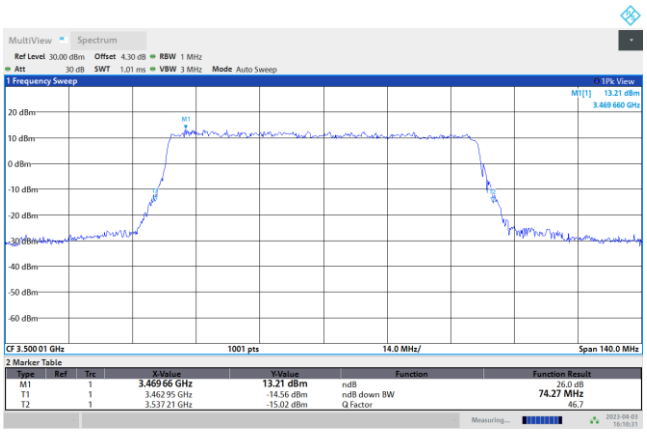
FR1 n77 / 50MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

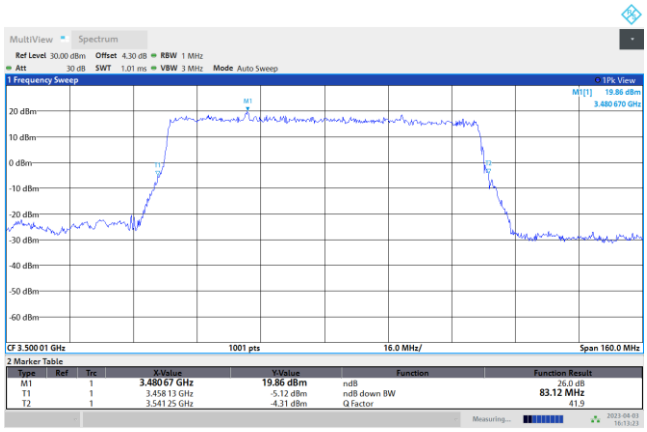
FR1 n77 / 50MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

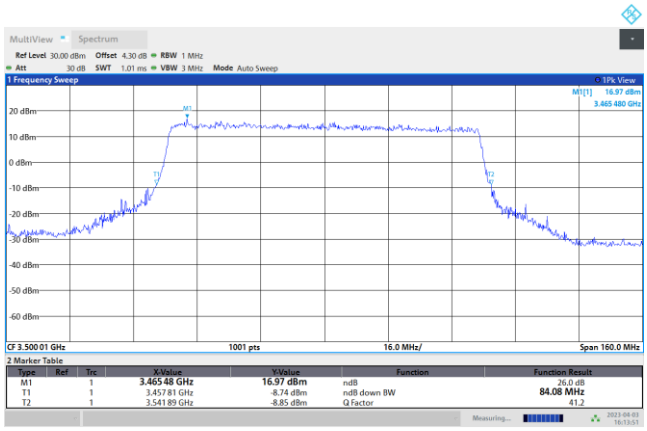
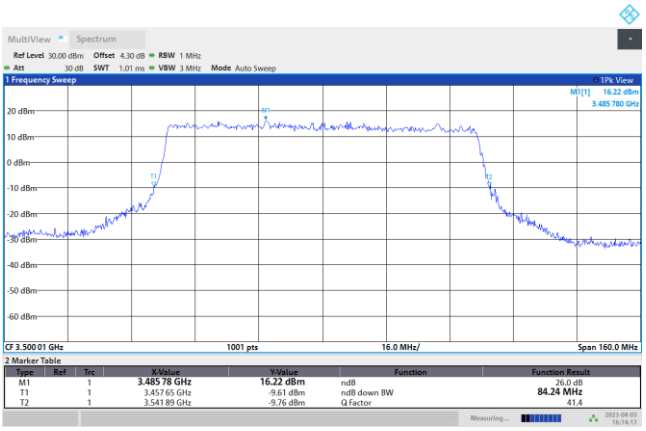
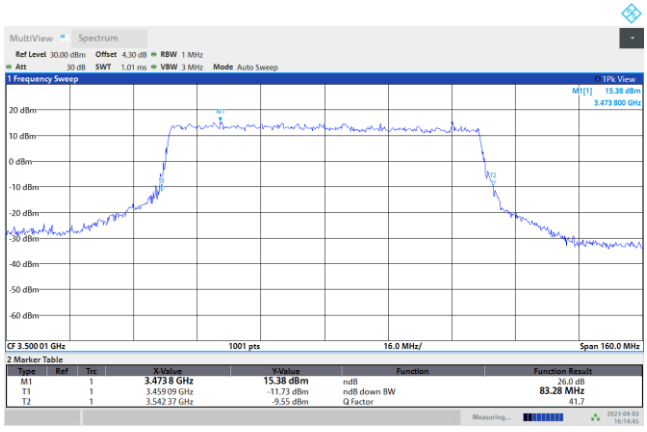
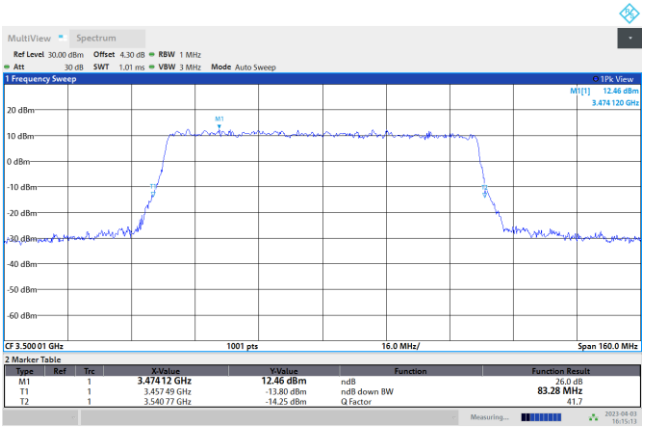
FR1 n77 / 60MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

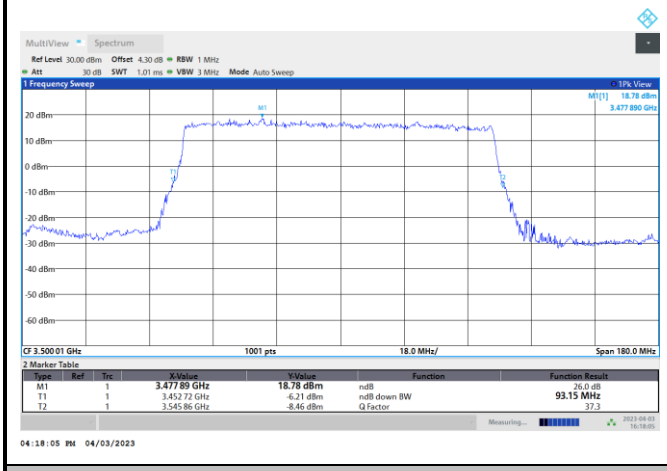
FR1 n77 / 60MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

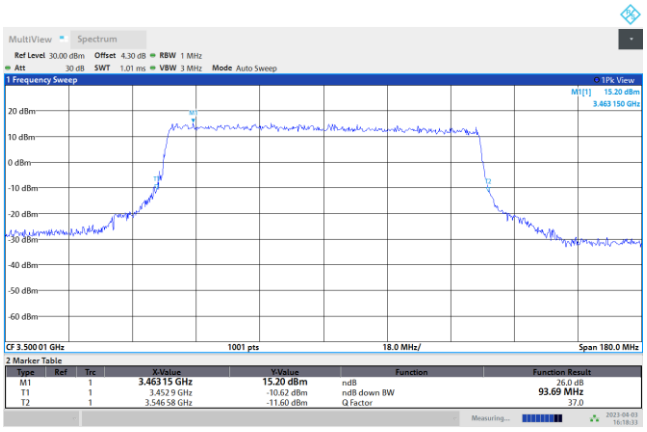
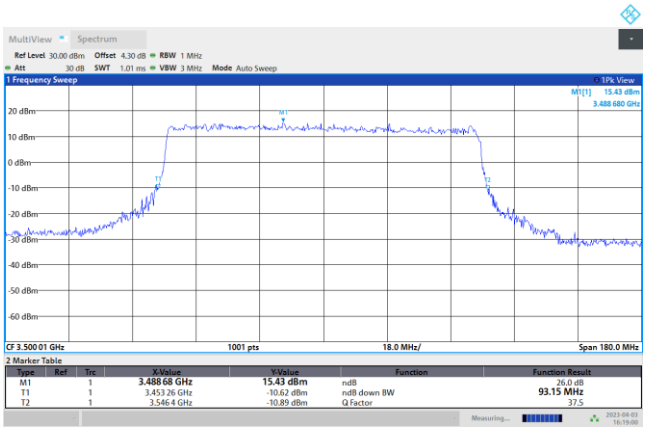
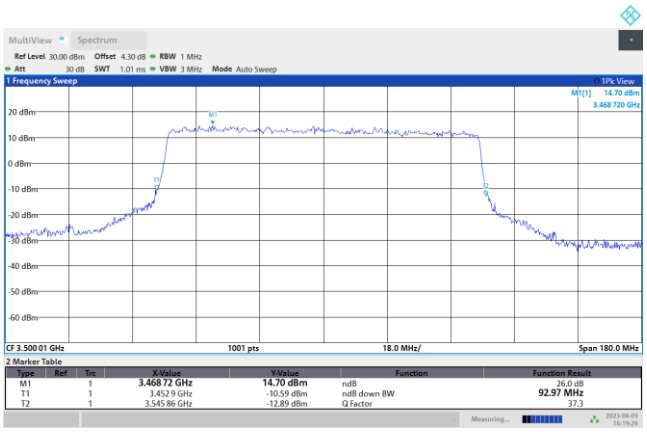
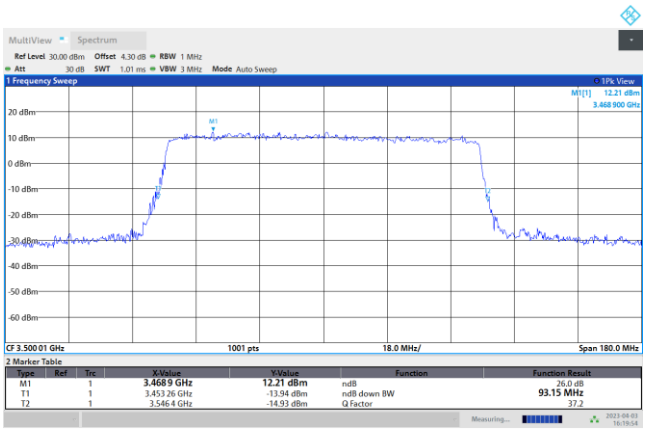
FR1 n77 / 70MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

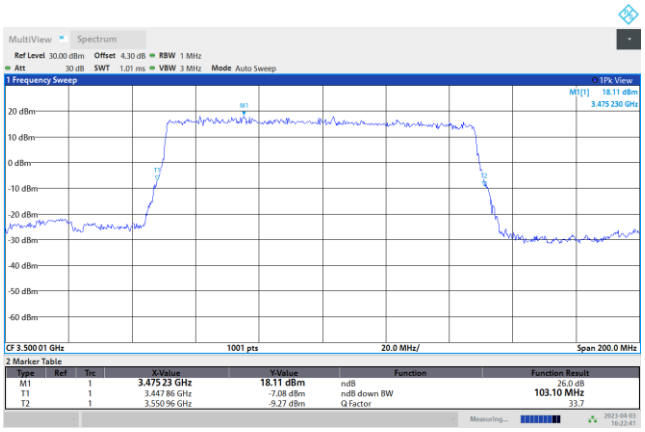
FR1 n77 / 70MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

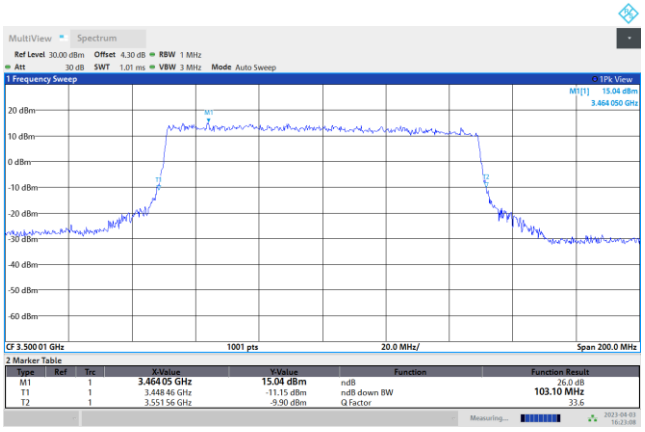
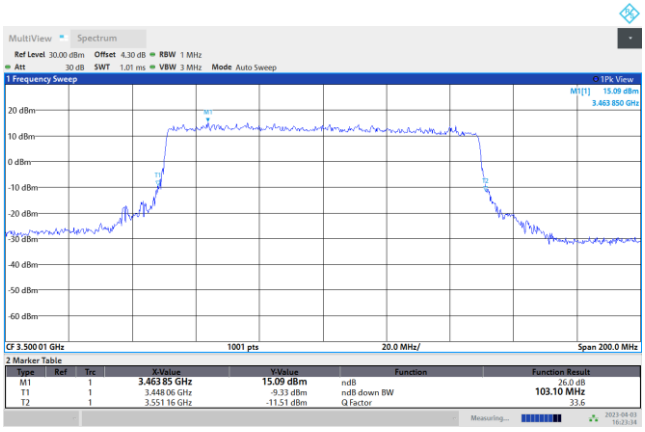
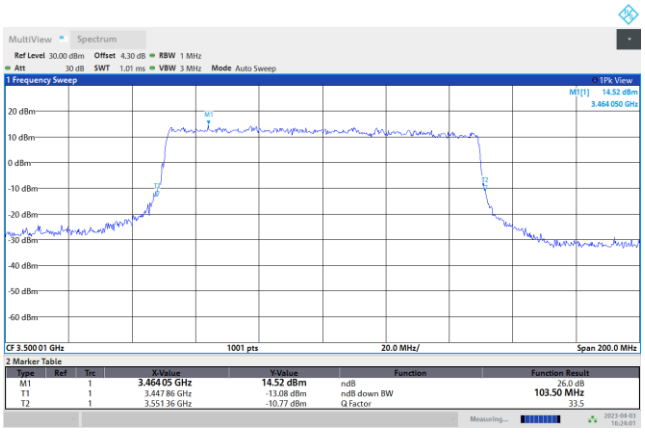
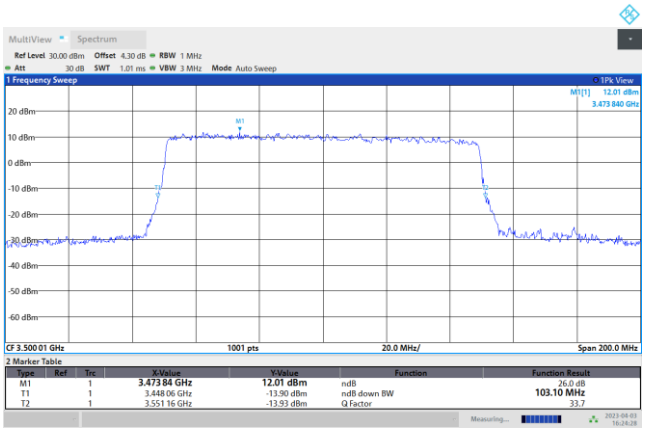
FR1 n77 / 80MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n77 / 80MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n77 / 90MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n77 / 90MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

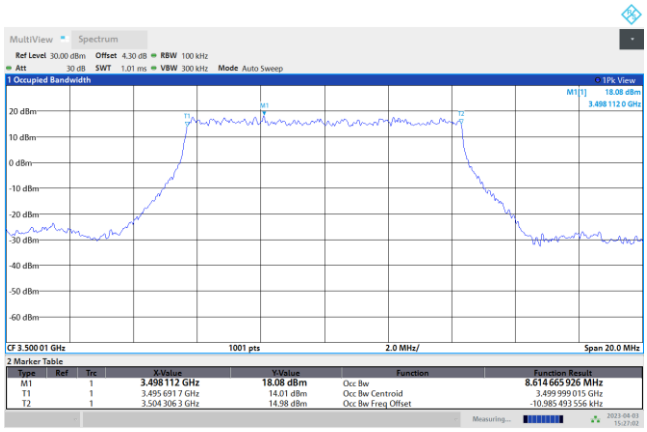
FR1 n77 / 100MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

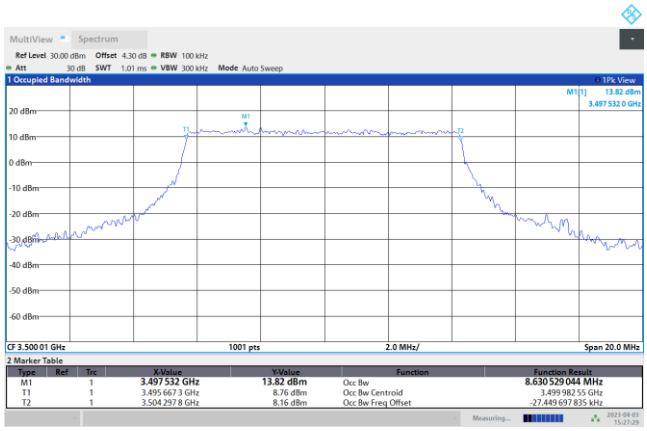
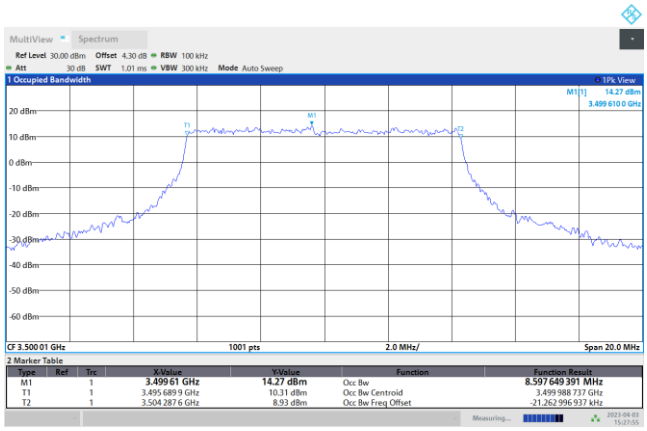
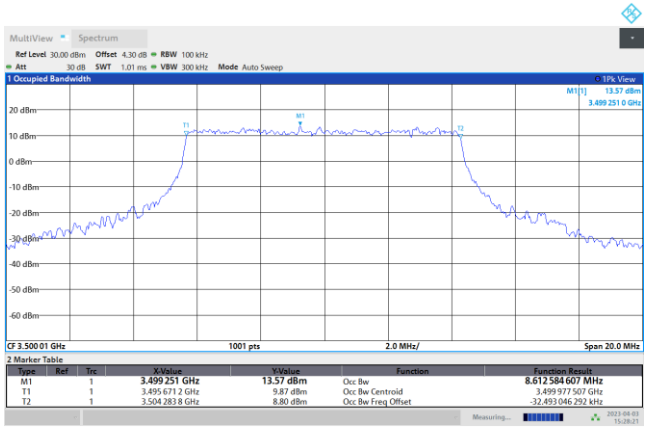
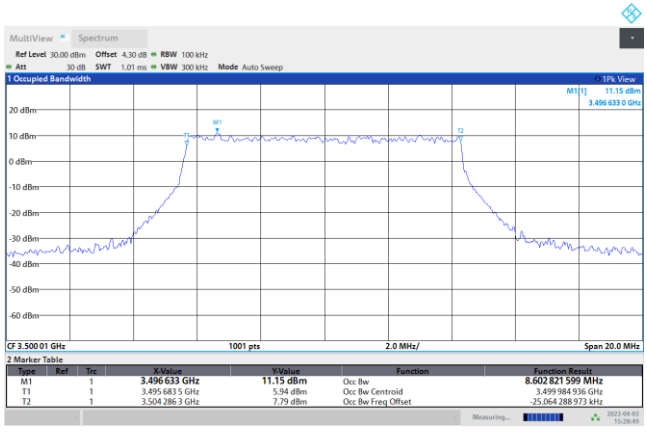
FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

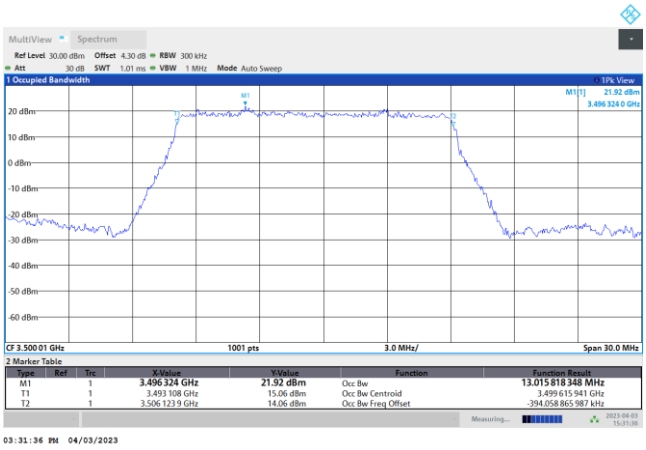
Occupied Bandwidth

Mode	FR1 n77 : OB BW(MHz) / DFT-S OFDM							
BW	10MHz	15MHz	20MHz	25MHz	30MHz	40MHz	50MHz	60MHz
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK
Middle CH	8.61	13.01	17.95	22.95	26.83	36.02	45.90	58.00
BW	70MHz	80MHz	90MHz	100MHz				
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK				
Middle CH	64.43	77.28	86.74	96.28				

Mode	FR1 n77 : OB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.63	8.59	13.72	13.68	18.28	18.31	23.24	23.29
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.61	8.60	13.77	13.80	18.34	18.29	23.25	23.26
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	27.91	27.89	38.21	38.25	47.68	47.64	57.97	57.83
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	27.85	27.92	38.24	38.43	47.80	47.57	57.94	58.02
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	67.60	67.56	77.39	77.58	87.38	87.60	97.24	97.18
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	67.58	67.61	77.63	77.51	87.35	87.31	97.34	97.34

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	
	

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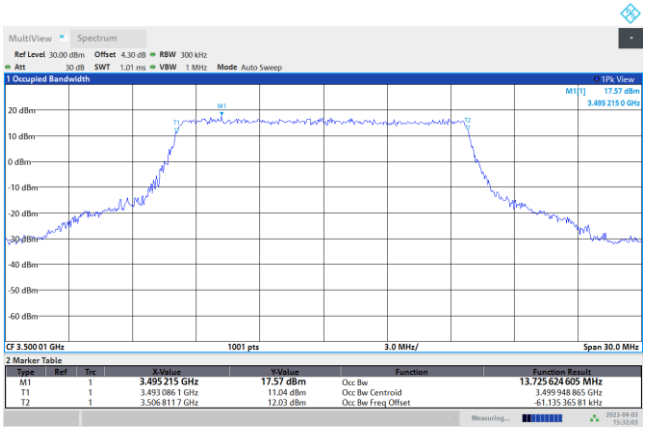	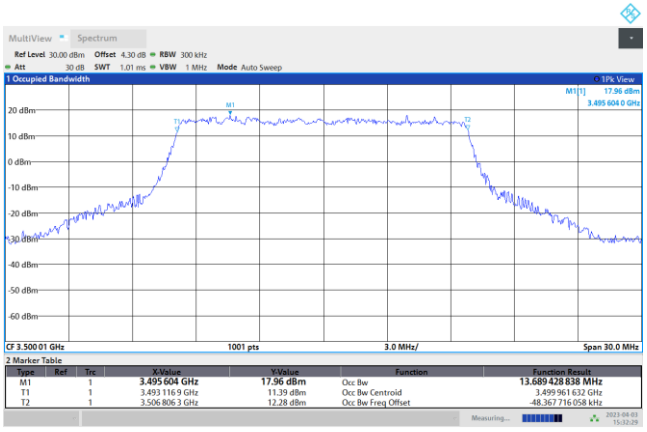
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