



FCC RADIO TEST REPORT

FCC ID : A4RG9FPL
Equipment : Phone
Model Name : G9FPL, G0B96
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, 90(R)

The product was received on Nov. 23, 2022 and testing was performed from Nov. 23, 2022 to Jan. 18, 2023. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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



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Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
	§22.913 (a)(5)	Effective Radiated Power (n5)	Pass	
	§27.50 (c)(10)	Effective Radiated Power (n12) (n71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (n2) (n25) (n7) (n38) (n41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (n66)		
	§27.50 (a)(3)	Effective Isotropic Radiated Power (n30)		
	§90.542 (a)(7)	Effective Radiated Power (n14)		
3.3	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (n2) (n5) (n12) (n25) (n66) (n71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (n7) (n38) (n41)		
	§2.1051 §27.53 (a)(4)	Conducted Band Edge Measurement (n30)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measuremen (n14)		
3.6	§2.1051 §90.210 (n)	Emission Mask (n14)	Pass	-



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.7	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Conducted Spurious Emission (n2) (n5) (n12) (n25) (n66) (n71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (n7) (n38) (n41)		
	§2.1051 §27.53 (a)(4)	Conducted Spurious Emission (n30)		
	§2.1051 §90.543 (e)(3)	Conducted Spurious Emission (n14)		
3.8	§2.1055 §22.355 §24.235 §27.54 §90.539 (e)	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (n2) (n5) (n12) (n25) (n66) (n71)	Pass	9.85 dB under the limit at 6915.000 MHz for Primary Antenna 11.17 dB under the limit at 10177.000 MHz for ASDIV Antenna
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (n7) (n38) (n41)		
	§2.1053 §27.53 (a)(4)	Radiated Spurious Emission (n30)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (n14)		

Declaration of Conformity:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
- The measurement uncertainty please refer to report "Uncertainty of Evaluation".

Comments and Explanations:

- The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.
- The G9FPL and G0B96 are 100% identical in Hardware / Software to each other, and only have different model names for separate marketing purposes.. The test samples are all model G9FPL.

Reviewed by: William Chen
Report Producer: Michelle Chen



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
Model Name	G9FPL, G0B96
FCC ID	A4RG9FPL
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/NFC/GNSS/ UWB/WPT Client WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE

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

EUT Information List	
S/N	Performed Test Item
2A311FDHS0000H 350726960406045	Conducted Measurement ERP/EIRP
2B071FDHS0000D	Radiated Spurious Emission



1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx Frequency	5G NR n2: 1852.5 MHz ~ 1907.5 MHz 5G NR n5: 826.5 MHz ~ 846.5 MHz 5G NR n7: 2502.5 MHz ~ 2567.5 MHz 5G NR n12: 701.5 MHz ~ 713.5 MHz 5G NR n14: 790.5 ~ 795.5 MHz 5G NR n25: 1852.5 MHz ~ 1912.5 MHz 5G NR n30: 2307.5 MHz ~ 2312.5 MHz 5G NR n38: 2575 MHz ~ 2615 MHz 5G NR n41: 2501.01 MHz ~ 2685.00 MHz 5G NR n66: 1712.5 MHz ~ 1777.5 MHz 5G NR n71: 665.5 MHz ~ 695.5 MHz
Rx Frequency	5G NR n2: 1932.5 MHz ~ 1987.5 MHz 5G NR n5: 871.5 MHz ~ 891.5 MHz 5G NR n7: 2622.5 MHz ~ 2687.5 MHz 5G NR n12: 731.5 MHz ~ 743.5 MHz 5G NR n14: 760.5 ~ 765.5 MHz 5G NR n25: 1932.5 MHz ~ 1992.5 MHz 5G NR n30: 2352.5 MHz ~ 2357.5 MHz 5G NR n38: 2575 MHz ~ 2615 MHz 5G NR n41: 2501.01 MHz ~ 2685.00 MHz 5G NR n66: 2112.5 MHz ~ 2197.5 MHz 5G NR n71: 619.5 MHz ~ 649.5 MHz
Bandwidth	5G NR n2: 5MHz / 10MHz / 15MHz / 20MHz 5G NR n5: 5MHz / 10MHz / 15MHz / 20MHz 5G NR n7: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz / 50MHz 5G NR n12: 5MHz / 10MHz / 15MHz 5G NR n14: 5MHz / 10MHz 5G NR n25: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz 5G NR n30: 5MHz / 10MHz 5G NR n38: 10MHz / 15MHz / 20MHz 5G NR n41: 10MHz / 15MHz / 20MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz 5G NR n66: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz 5G NR n71: 5MHz / 10MHz / 15MHz / 20MHz



Product Specification is subject to this standard	
<p>Maximum Output Power to Antenna <DFT-s-OFDM></p>	<p><Primary Antenna> <Ant. 0> 5G NR n5 : 24.58 dBm 5G NR n12 : 25.25 dBm 5G NR n14 : 24.50 dBm 5G NR n71 : 25.23 dBm <Ant. 2> 5G NR n2 : 24.94 dBm 5G NR n7 : 25.13 dBm 5G NR n25 : 24.79 dBm 5G NR n30 : 21.71 dBm 5G NR n38 : 24.64 dBm 5G NR n41 : 24.85 dBm 5G NR n41 : 26.75 dBm for HPUE 5G NR n66 : 25.46 dBm <ASDIV Antenna> <Ant. 0> 5G NR n2 : 24.76 dBm 5G NR n7 : 24.82 dBm 5G NR n25 : 24.43 dBm 5G NR n30 : 23.54 dBm 5G NR n38 : 24.56 dBm 5G NR n41 : 24.67 dBm 5G NR n41 : 26.56 dBm for HPUE 5G NR n66 : 25.19 dBm <Ant. 1> 5G NR n5 : 25.03 dBm 5G NR n12 : 24.63 dBm 5G NR n14 : 24.80 dBm 5G NR n71 : 24.49 dBm <MIMO> MIMO n41 <Ant. 2+5>: 27.41 dBm MIMO n41 <Ant. 0+1>: 27.24 dBm</p>
<p>Antenna Type</p>	<p><Primary Antenna> <Ant. 0>: ILA Antenna <Ant. 2>: ILA Antenna <ASDIV Antenna> <Ant. 0>: ILA Antenna <Ant. 1>: ILA Antenna <SRS diversity Antenna > <Ant. 1>: ILA Antenna <Ant. 5>: PILA Antenna</p>
<p>Type of Modulation</p>	<p>PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM</p>

**<Open Mode>****<Primary Antenna>**

Radio Tech	Band Number	Antenna name	Gain
5G NR	n2	Ant. 2	-2.16
5G NR	n5	Ant. 0	-1.90
5G NR	n7	Ant. 2	0.32
5G NR	n12	Ant. 0	-1.02
5G NR	n14	Ant. 0	-2.49
5G NR	n25	Ant. 2	-2.13
5G NR	n30	Ant. 2	-0.10
5G NR	n38	Ant. 2	0.90
5G NR	n41	Ant. 2	0.84
5G NR	n66	Ant. 2	0.05
5G NR	n71	Ant. 0	-0.04

<ASDIV Antenna>

Radio Tech	Band Number	Antenna name	Gain
5G NR	n2	Ant. 0	-2.16
5G NR	n5	Ant. 1	-5.40
5G NR	n7	Ant. 0	-0.66
5G NR	n12	Ant. 1	-5.60
5G NR	n14	Ant. 1	-5.48
5G NR	n25	Ant. 0	-2.15
5G NR	n30	Ant. 0	-2.43
5G NR	n38	Ant. 0	-1.49
5G NR	n41	Ant. 0	-0.44
5G NR	n66	Ant. 0	-1.78
5G NR	n71	Ant. 1	-4.51

<SRS diversity Antenna>

Radio Tech	Band Number	Antenna name	Gain
5G NR	n41	Ant. 1	-1.48
5G NR	n41	Ant. 5	-7.66



<Close Mode>

<Primary Antenna>

Radio Tech	Band Number	Antenna name	Gain
5G NR	n2	Ant. 2	-0.25
5G NR	n5	Ant. 0	-5.08
5G NR	n7	Ant. 2	-0.49
5G NR	n12	Ant. 0	-5.52
5G NR	n14	Ant. 0	-4.86
5G NR	n25	Ant. 2	-0.25
5G NR	n30	Ant. 2	-1.10
5G NR	n38	Ant. 2	-0.55
5G NR	n41	Ant. 2	-0.20
5G NR	n66	Ant. 2	-1.32
5G NR	n71	Ant. 0	-6.56

<ASDIV Antenna>

Radio Tech	Band Number	Antenna name	Gain
5G NR	n2	Ant. 0	-1.93
5G NR	n5	Ant. 1	-9.33
5G NR	n7	Ant. 0	-5.62
5G NR	n12	Ant. 1	-7.76
5G NR	n14	Ant. 1	-7.37
5G NR	n25	Ant. 0	-1.93
5G NR	n30	Ant. 0	-3.79
5G NR	n38	Ant. 0	-5.59
5G NR	n41	Ant. 0	-5.42
5G NR	n66	Ant. 0	-3.98
5G NR	n71	Ant. 1	-9.17

<SRS diversity Antenna>

Radio Tech	Band Number	Antenna name	Gain
5G NR	n41	Ant. 1	-6.30
5G NR	n41	Ant. 5	-8.24

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

1.3 Modification of EUT

No modifications made to the EUT during the testing.



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	George Chen and Luffy Lin
Temperature (°C)	23.3~24.6
Relative Humidity (%)	47~52

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

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

FCC Designation No.: TW1190 and TW3786



1.5 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27, 90(R)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. The TAF code is not including all the FCC KDB listed without accreditation.



Test Items	NR Band	Bandwidth (MHz)													Modulation				RB #			Test Channel				
		5	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	
Peak-to-Average Ratio	n2	Covered by 5G NR n25																								
	n5				v	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n7				v						-	-	-	-	-	v	v	v	v	v				v	v	
	n12			v	-	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n14		v	-	-	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n25				v					-	-	-	-	-	-	v	v	v	v	v				v	v	
	n30		v	-	-	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n38	-			v	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n41	-			v	-										v	v	v	v	v				v	v	
	n66				v					-	-	-	-	-	-	v	v	v	v	v				v	v	
	n71				v	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
26dB and 99% Bandwidth	n2	Covered by 5G NR n25																								
	n5	v	v	v	v	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n7	v	v	v	v	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n12	v	v	v	-	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n14	v	v	-	-	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n25	v	v	v	v	v	v	v	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n30	v	v	-	-	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n38	-	v	v	v	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n41	-	v	v	v	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v				v	v	
	n66	v	v	v	v	v	v	v	-	-	-	-	-	-	-	v	v	v	v	v				v	v	
	n71	v	v	v	v	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v				v	v	



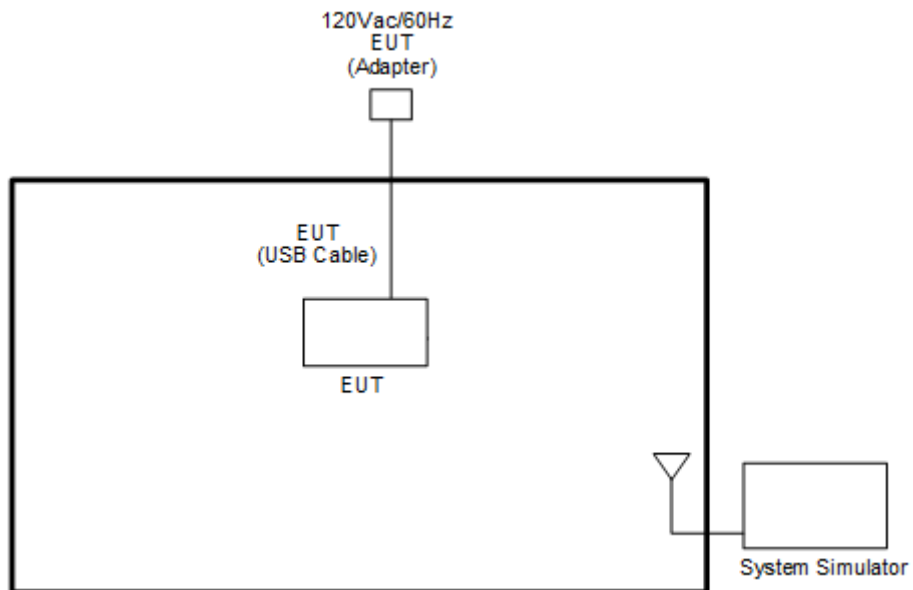
Test Items	NR Band	Bandwidth (MHz)													Modulation				RB #			Test Channel					
		5	10	15	20	25	30	40	50	60	70	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H		
Conducted Spurious Emission	n2	Covered by 5G NR n25																									
	n5	v				-	-	-	-	-	-	-	-	-			v					v			v	v	v
	n7	v									-	-	-	-			v					v			v	v	v
	n12	v			-	-	-	-	-	-	-	-	-	-			v					v			v	v	v
	n14	v		-	-	-	-	-	-	-	-	-	-	-			v					v			v	v	v
	n25	v								-	-	-	-	-			v					v			v	v	v
	n30	v		-	-	-	-	-	-	-	-	-	-	-			v					v			v	v	v
	n38	-	v			-	-	-	-	-	-	-	-	-			v					v			v	v	v
	n41	-	v			-											v					v			v	v	v
	n66	v								-	-	-	-	-			v					v			v	v	v
	n71	v				-	-	-	-	-	-	-	-	-			v					v			v	v	v
Frequency Stability	n2	Covered by 5G NR n25																									
	n5				v	-	-	-	-	-	-	-	-	-			v							v		v	
	n7				v						-	-	-	-			v							v		v	
	n12			v	-	-	-	-	-	-	-	-	-	-			v							v		v	
	n14		v	-	-	-	-	-	-	-	-	-	-	-			v							v		v	
	n25				v					-	-	-	-	-			v							v		v	
	n30		v	-	-	-	-	-	-	-	-	-	-	-			v							v		v	
	n38	-			v	-	-	-	-	-	-	-	-	-			v							v		v	
	n41	-			v	-											v	v						v		v	
	n66				v					-	-	-	-	-			v							v		v	
	n71				v	-	-	-	-	-	-	-	-	-			v							v		v	



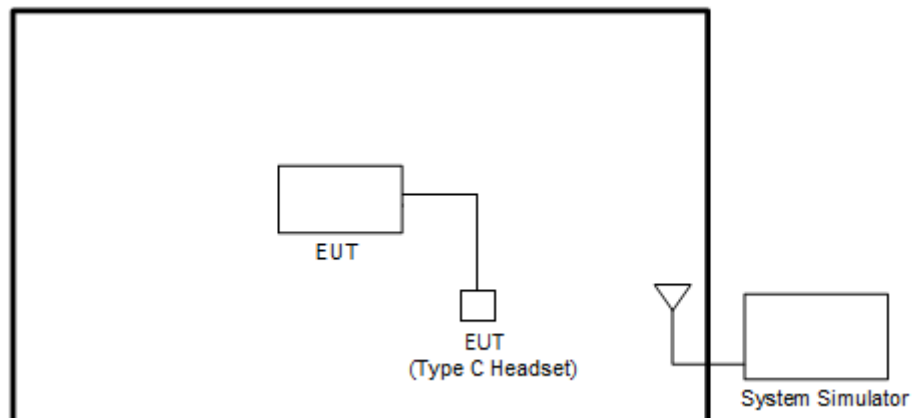
Test Items	NR Band	Bandwidth (MHz)												Modulation					RB #			Test Channel			
		5	10	15	20	25	30	40	50	60	70	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
E.R.P / E.I.R.P	n2	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v	Max Power					
	n5	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v						
	n7	v	v	v	v	v	v	v	v	-	-	-	-	-	v	v	v	v	v						
	n12	v	v	v	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v						
	n14	v	v	-	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v						
	n25	v	v	v	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v						
	n30	v	v	-	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v						
	n38	-	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v						
	n41	-	v	v	v	-	v	v	v	v	v	v	v	v	v	v	v	v	v						
	n66	v	v	v	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v						
	n71	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v						
Radiated Spurious Emission	n2	Worst Case																	v	v	v				
	n5	Worst Case																	v	v	v				
	n7	Covered by 5G NR n41																							
	n12	Worst Case																	v	v	v				
	n14	Worst Case																	v	v	v				
	n25	Worst Case																	v	v	v				
	n30	Worst Case																	v	v	v				
	n38	Covered by 5G NR n41																							
	n41	Worst Case																	v	v	v				
	n66	Worst Case																	v	v	v				
	n71	Worst Case																	v	v	v				
Remark	<ol style="list-style-type: none"> The mark "v" means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. For radiated measurement, pre-scanned in two modes, DFT-s OFDM and CP OFDM. The worst cases (DFT-s OFDM) were recorded in this report, and the worst modes of FR1 and LTE for simultaneous transmission were verified and compliant. Test combination are EN-DC 66A-n5A, EN-DC 7A-n2A, EN-DC 66A-n25A, EN-DC 66A-n12A, EN-DC 2A-n66A, EN-DC 5A-n66A, EN-DC 2A-n41A, EN-DC 5A-n41A and EN-DC 66A-n71A. All the radiated test cases were performed with Adapter 2 and USB Cable 1. Wider operating range bandwidth covers narrower one when the power is higher or the same. During the preliminary test, both charging modes (Adapter mode and WPT Client mode) were verified. It is determined that the adapter mode is the worst case for official test. One representative bandwidth is selected to perform PAR and frequency stability. The n41 supports total 4 UL MIMO combinations: Ant0+Ant1, Ant0+Ant5, Ant2+Ant1, Ant2+Ant5, and the worst case combination is determined during the preliminary test that Ant0+Ant1 is reported as worst case with Ant2+Ant5 RSE check data. 																								

2.2 Connection Diagram of Test System

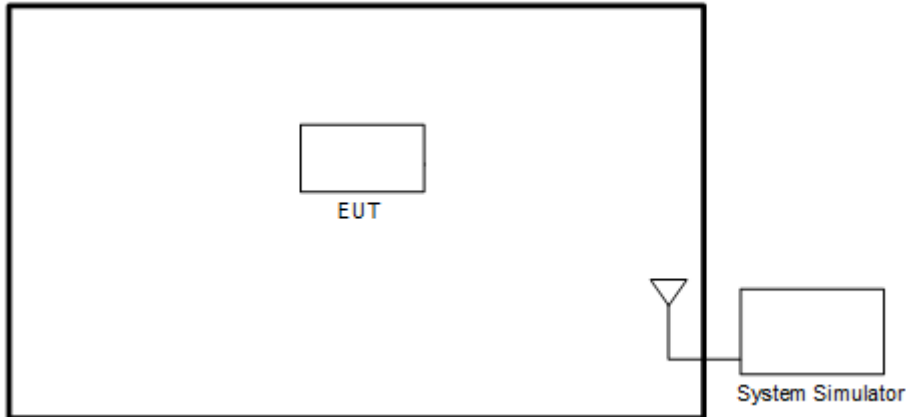
<EUT with Adapter>



<EUT with Earphone>



<EUT without Accessory>



2.3 Support Unit used in test configuration and system

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

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

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



2.5 Frequency List of Low/Middle/High Channels

5G NR n2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	372000	376000	380000
	Frequency	1860	1880	1900
15	Channel	371500	376000	380500
	Frequency	1857.5	1880	1902.5
10	Channel	371000	376000	381000
	Frequency	1855	1880	1905
5	Channel	370500	376000	381500
	Frequency	1852.5	1880	1907.5

5G NR n5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	166800	167300	167800
	Frequency	834	836.5	839
15	Channel	166300	167300	168300
	Frequency	831.5	836.5	841.5
10	Channel	165800	167300	168800
	Frequency	829	836.5	844
5	Channel	165300	167300	169300
	Frequency	826.5	836.5	846.5



5G NR n7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
50	Channel	505000	507000	509000
	Frequency	2525	2535	2545
40	Channel	504000	507000	510000
	Frequency	2520	2535	2550
30	Channel	503000	507000	511000
	Frequency	2515	2535	2555
25	Channel	502500	507000	511500
	Frequency	2512.5	2535	2557.5
20	Channel	502000	507000	512000
	Frequency	2510	2535	2560
15	Channel	501500	507000	512500
	Frequency	2507.5	2535	2562.5
10	Channel	501000	507000	513000
	Frequency	2505	2535	2565
5	Channel	500500	507000	513500
	Frequency	2502.5	2535	2567.5

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

5G NR n14 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	158600	-
	Frequency	-	793	-
5	Channel	158100	158600	159100
	Frequency	790.5	793	795.5



5G NR n25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	374000	376500	379000
	Frequency	1870	1882.5	1895
30	Channel	373000	376500	380000
	Frequency	1865	1882.5	1900
25	Channel	372500	376500	380500
	Frequency	1862.5	1882.5	1902.5
20	Channel	372000	376500	381000
	Frequency	1860	1882.5	1905
15	Channel	371500	376500	381500
	Frequency	1857.5	1882.5	1907.5
10	Channel	371000	376500	382000
	Frequency	1855	1882.5	1910
5	Channel	370500	376500	382500
	Frequency	1852.5	1882.5	1912.5

5G NR n30 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	27710	-
	Frequency	-	2310	-
5	Channel	27685	27710	27735
	Frequency	2307.5	2310	2312.5

5G NR n38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	516000	519000	522000
	Frequency	2580	2595	2610
15	Channel	515500	519000	522500
	Frequency	2577.5	2595	2612.5
10	Channel	515000	519000	523000
	Frequency	2575	2595	2615



5G NR n41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	509202	518598	528000
	Frequency	2546.01	2592.99	2640
90	Channel	508200	518598	528996
	Frequency	2541	2592.99	2644.98
80	Channel	507204	518598	529998
	Frequency	2536.02	2592.99	2649.99
70	Channel	506202	518598	531000
	Frequency	2531.01	2592.99	2655
60	Channel	505200	518598	531996
	Frequency	2526	2592.99	2659.98
50	Channel	504204	518598	532998
	Frequency	2521.02	2592.99	2664.99
40	Channel	503202	518598	534000
	Frequency	2516.01	2592.99	2670
30	Channel	502200	518598	534996
	Frequency	2511	2592.99	2674.98
20	Channel	501204	518598	535998
	Frequency	2506.02	2592.99	2679.99
15	Channel	500700	518598	536496
	Frequency	2503.5	2592.99	2682.48
10	Channel	500202	518598	537000
	Frequency	2501.01	2592.99	2685



5G NR n66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	346000	349000	352000
	Frequency	1730	1745	1760
30	Channel	345000	349000	353000
	Frequency	1725	1745	1765
25	Channel	344500	349000	353500
	Frequency	1722.5	1745	1767.5
20	Channel	344000	349000	354000
	Frequency	1720	1745	1770
15	Channel	343500	349000	354500
	Frequency	1717.5	1745	1772.5
10	Channel	343000	349000	355000
	Frequency	1715	1745	1775
5	Channel	342500	349000	355500
	Frequency	1712.5	1745	1777.5

5G NR n71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	134600	136100	137600
	Frequency	673	680.5	688
15	Channel	134100	136100	138100
	Frequency	670.5	680.5	690.5
10	Channel	133600	136100	138600
	Frequency	668	680.5	693
5	Channel	133100	136100	139100
	Frequency	665.5	680.5	695.5

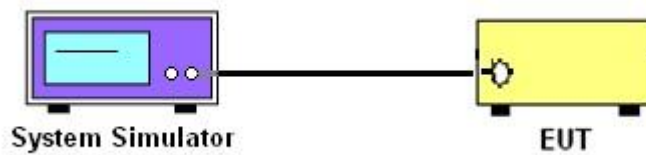
3 Conducted Test Items

3.1 Measuring Instruments

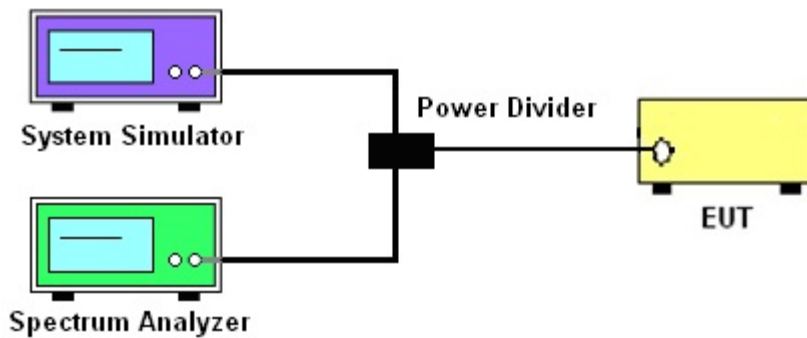
See list of measuring instruments of this test report.

3.1.1 Test Setup

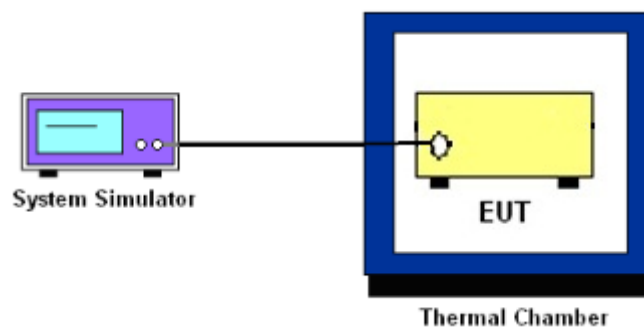
3.1.2 Conducted Output Power



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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and ERP/EIRP

3.2.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

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

The ERP of mobile transmitters must not exceed 7 Watts for 5G NR n5

The ERP of mobile transmitters must not exceed 3 Watts for 5G NR n12, n14, n71

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n2, n25, n7, n38, n41

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n66

The EIRP of mobile transmitters must not exceed 250mW/5MHz for 5G NR n30

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.
5. The MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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



3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

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

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

3.4.2 Test Procedures

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

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



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, 1755-1780 MHz, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

**27.53(m)(4)**

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

27.53 (a)(4)

For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

- (i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz.
- (ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz.
- (iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

90.543(e)

- (1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations.
- (2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations.
- (3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least $43 + 10 \log (P)$ dB.



3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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

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

For 5G NR n7, n38, n41

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

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



3.6 Emission Mask

3.6.1 Description of Emissions Mask Measurement

For 5G NR n14

Transmitters designed must meet the emission mask comply with the emission mask provisions of FCC Part 90.210(n).

3.6.2 Test Procedures

For 5G NR n14

The testing follows FCC KDB 971168 D01 v03r01 Section 6.0.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The power of the modulated signal was measured on a spectrum analyzer using an RMS and 10 second sweep time in order to maximize the level.
3. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For 5G NR n30

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 $70 + 10 \log (P)$ dB.

For 5G NR n7, n38, n41

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

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

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GH, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For 5G NR n30

$$\begin{aligned} & \text{The limit line is derived from } 70 + 10\log(P)\text{dB below the transmitter power P(Watts)} \\ & = P(W) - [70 + 10\log(P)] \text{ (dB)} \\ & = [30 + 10\log(P)] \text{ (dBm)} - [70 + 10\log(P)] \text{ (dB)} \\ & = -40\text{dBm}. \end{aligned}$$

For 5G NR n7, n38, n41

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

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



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

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

22.355

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block.

The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

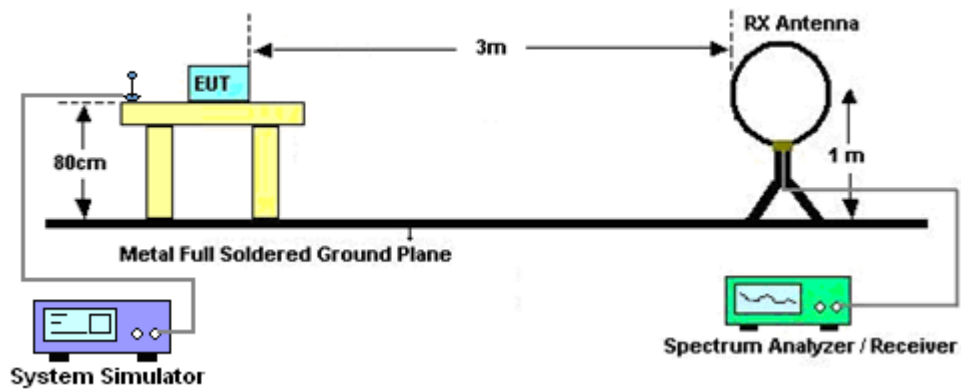
4 Radiated Test Items

4.1 Measuring Instruments

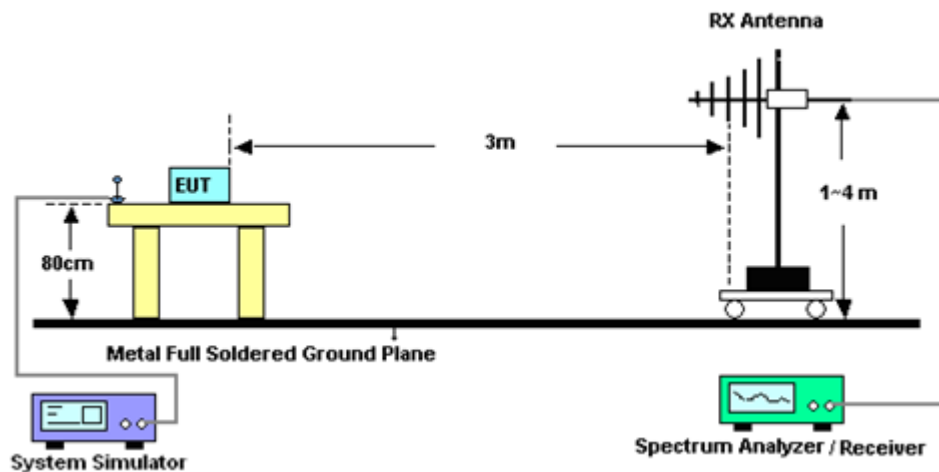
See list of measuring instruments of this test report.

4.1.1 Test Setup

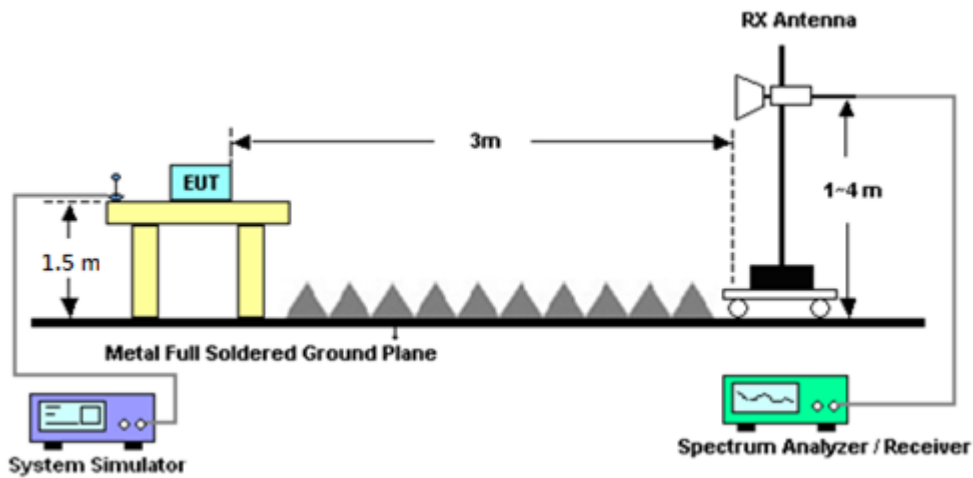
For radiated test below 30MHz



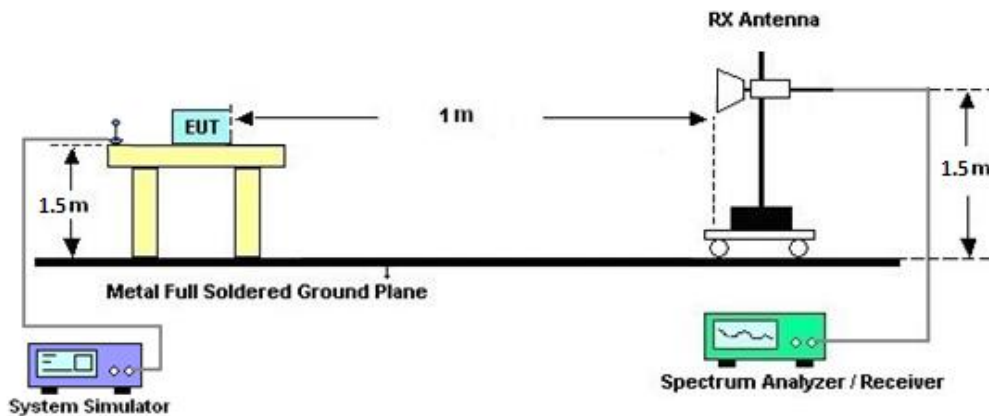
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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

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



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

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

For 5G NR n7, n38, n41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

For 5G NR n30

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 $70 + 10 \log (P)$ dB.

For 5G NR n14

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559–1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

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 $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For 5G NR n30

The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $70 + 10\log(P)$ dB below the transmitter power P(Watts)

= $P(W) - [70 + 10\log(P)]$ (dB)

= $[30 + 10\log(P)]$ (dBm) - $[70 + 10\log(P)]$ (dB)

= -40dBm.

For 5G NR n7, n38, n41

The limit line is derived from $55 + 10\log(P)$ 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	Dec. 05, 2022~Jan. 09, 2023	Sep. 19, 2023	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02114	1GHz~18GHz	Aug. 09, 2022	Dec. 05, 2022~Jan. 09, 2023	Aug. 08, 2023	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	40103 & 07	30MHz~1GHz	Apr. 24, 2022	Dec. 05, 2022~Jan. 09, 2023	Apr. 23, 2023	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 08, 2022	Dec. 05, 2022~Jan. 09, 2023	Oct. 07, 2023	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1212	1GHz~18GHz	Mar. 10, 2022	Dec. 05, 2022~Jan. 09, 2023	Mar. 09, 2023	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 24, 2022	Dec. 05, 2022~Jan. 09, 2023	Nov. 23, 2023	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz~40GHz	May 14, 2022	Dec. 05, 2022~Jan. 09, 2023	May 13, 2023	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 23, 2022	Dec. 05, 2022~Jan. 09, 2023	Mar. 22, 2023	Radiation (03CH12-HY)
Preamplifier	Aglient	8449B	3008A02375	1GHz~26.5GHz	May 24, 2022	Dec. 05, 2022~Jan. 09, 2023	May 23, 2023	Radiation (03CH12-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18 G-56-01-A70	EC1900249	1GHz-18GHz	Dec. 22, 2021	Dec. 05, 2022~Dec. 20, 2022	Dec. 21, 2022	Radiation (03CH12-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18 G-56-01-A70	EC1900249	1GHz-18GHz	Dec. 21, 2022	Dec. 21, 2022~Jan. 09, 2023	Dec. 20, 2023	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 07, 2022	Dec. 07, 2022~Jan. 09, 2023	Dec. 06, 2023	Radiation (03CH12-HY)
Spectrum Analyzer	Keysight	N9010A	MY53470118	10Hz~44GHz	Jan. 12, 2022	Dec. 05, 2022~Jan. 09, 2023	Jan. 11, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 10, 2022	Dec. 05, 2022~Jan. 09, 2023	Mar. 09, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15539/4	30MHz~18GHz	Mar. 15, 2022	Dec. 05, 2022~Dec. 19, 2022	Mar. 14, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15539/4	30MHz~18GHz	Dec. 20, 2022	Dec. 20, 2022~Jan. 09, 2023	Dec. 19, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	30MHz~18GHz	Mar. 10, 2022	Dec. 05, 2022~Dec. 19, 2022	Mar. 09, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 20, 2022	Dec. 20, 2022~Jan. 09, 2023	Dec. 19, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Feb. 21, 2022	Dec. 05, 2022~Dec. 19, 2022	Feb. 20, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Dec. 20, 2022	Dec. 20, 2022~Jan. 09, 2023	Dec. 19, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803953/2	30MHz~40GHz	Mar. 08, 2022	Dec. 05, 2022~Dec. 19, 2023	Mar. 07, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803953/2	30MHz~40GHz	Dec. 20, 2022	Dec. 20, 2022~Jan. 09, 2023	Dec. 19, 2023	Radiation (03CH12-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN2	6.75GHz High Pass Filter	Mar. 15, 2022	Dec. 05, 2022~Jan. 09, 2023	Mar. 14, 2023	Radiation (03CH12-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN2	3GHz High Pass Filter	Jul. 11, 2022	Dec. 05, 2022~Jan. 09, 2023	Jul. 10, 2023	Radiation (03CH12-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Filter	Wainwright	WHKX12-1080 -1200-15000-6 0SS	SN1	1.2GHz High Pass Filter	Mar. 15, 2022	Dec. 05, 2022~ Jan. 09, 2023	Mar. 14, 2023	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP140325	N/A	Nov. 07, 2022	Dec. 05, 2022~ Jan. 09, 2023	Nov. 06, 2023	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Dec. 05, 2022~ Jan. 09, 2023	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Dec. 05, 2022~ Jan. 09, 2023	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Dec. 05, 2022~ Jan. 09, 2023	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Dec. 05, 2022~ Jan. 09, 2023	N/A	Radiation (03CH12-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890001	0V~64V ;0A~6A	Sep. 29, 2022	Nov. 23, 2022~ Jan. 18, 2023	Sep. 28, 2023	Conducted (TH03-HY)
Hygrometer	Testo	608-H11	34893241	NA	Mar. 18,2022	Nov. 23, 2022~ Jan. 18, 2023	Mar. 17,2023	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	May 05, 2022	Nov. 23, 2022~ Jan. 18, 2023	May 04, 2023	Conducted (TH03-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 07, 2022	Nov. 23, 2022~ Jan. 18, 2023	Sep. 06, 2023	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8821C	6262116730	LTE	Jun. 15, 2022	Nov. 23, 2022~ Jan. 18, 2023	Jun. 14, 2023	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6262134933	FR1	Jun. 13, 2022	Nov. 23, 2022~ Jan. 18, 2023	Jun. 22, 2023	Conducted (TH03-HY)



6 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.31 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.25 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.81 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and ERP/EIRP

<SISO Mode>

<Primary Antenna>

NR n2 Maximum Average Power [dBm] (GT - LC = -0.25 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	24.75	24.74	24.68	24.58	0.2871		
5	1	23		24.75	24.79	24.74				
5	12	6		24.74	24.73	24.74				
5	1	0		24.29	24.26	24.23				
5	1	24		24.78	24.25	24.26				
5	25	0		24.22	24.26	24.29				
5	1	1	QPSK	24.83	24.74	24.72			23.56	0.2270
5	1	23		24.72	24.74	24.78				
5	12	6		24.76	24.78	24.75				
5	1	0		23.82	23.75	23.77				
5	1	24		23.79	23.70	23.79				
5	25	0		22.34	22.26	22.31				
5	1	1	16-QAM	23.81	23.79	23.76	23.56	0.2270		
5	1	1	64-QAM	22.13	22.31	22.16				
5	1	1	256-QAM	18.25	18.41	18.23				
Limit	EIRP < 2W			Result			Pass			

NR n2 Maximum Average Power [dBm] (GT - LC = -0.25 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.90	24.81	24.76	24.69	0.2944		
10	1	50		24.81	24.75	24.72				
10	25	12		24.94	24.76	24.71				
10	1	0		24.44	24.28	24.36				
10	1	51		24.34	24.24	24.27				
10	50	0		24.35	24.33	24.27				
10	1	1	QPSK	24.93	24.75	24.81			23.79	0.2393
10	1	50		24.83	24.80	24.75				
10	25	12		24.87	24.82	24.78				
10	1	0		23.84	23.82	23.75				
10	1	51		23.79	23.72	23.82				
10	50	0		22.43	22.33	22.33				
10	1	1	16-QAM	24.03	23.82	24.04	23.79	0.2393		
10	1	1	64-QAM	22.48	22.40	22.42				
10	1	1	256-QAM	18.45	18.44	18.35				
Limit	EIRP < 2W			Result			Pass			



NR n2 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.78	24.73	24.81	24.58	0.2871
15	1	77		24.69	24.71	24.74		
15	36	18		24.80	24.73	24.70		
15	1	0		24.42	24.31	24.23		
15	1	78		24.25	24.25	24.25		
15	75	0		24.33	24.30	24.23		
15	1	1	QPSK	24.83	24.80	24.78		
15	1	77		24.82	24.81	24.73		
15	36	18		24.83	24.69	24.71		
15	1	0		23.97	23.80	23.80		
15	1	78		23.72	23.78	23.77		
15	75	0		22.32	22.28	22.27		
15	1	1	16-QAM	23.79	23.73	23.80	23.55	0.2265
15	1	1	64-QAM	22.56	22.42	22.32		
15	1	1	256-QAM	18.36	18.27	18.15		
Limit	EIRP < 2W			Result			Pass	

NR n2 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.84	24.74	24.80	24.65	0.2917
20	1	104		24.60	24.64	24.73		
20	50	25		24.78	24.74	24.81		
20	1	0		24.33	24.23	24.28		
20	1	105		24.23	24.24	24.23		
20	100	0		24.20	24.26	24.31		
20	1	1	QPSK	24.90	24.74	24.68		
20	1	104		24.67	24.70	24.73		
20	50	25		24.76	24.69	24.76		
20	1	0		23.88	23.77	23.75		
20	1	105		23.76	23.71	23.64		
20	100	0		22.32	22.32	22.30		
20	1	1	16-QAM	23.88	23.84	23.78	23.63	0.2307
20	1	1	64-QAM	22.26	22.28	22.38		
20	1	1	256-QAM	18.37	18.25	18.35		
Limit	EIRP < 2W			Result			Pass	



NR n5 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.44	24.45	24.50	20.52	0.1127
5	1	23		24.46	24.57	24.49		
5	12	6		24.54	24.48	24.54		
5	1	0		23.98	23.95	24.01		
5	1	24		23.98	24.03	24.02		
5	25	0		24.02	24.04	24.06		
5	1	1	QPSK	24.47	24.49	24.53		
5	1	23		24.52	24.57	24.55		
5	12	6		24.51	24.54	24.54		
5	1	0		23.50	23.47	23.55		
5	1	24		23.49	23.47	23.52		
5	25	0		23.54	23.50	23.58		
5	1	1	16-QAM	23.46	23.45	23.51	19.46	0.0883
5	1	1	64-QAM	22.18	22.08	22.04		
5	1	1	256-QAM	19.92	19.96	20.10		
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	24.46	24.47	24.43	20.53	0.113
10	1	50		24.48	24.58	24.45		
10	25	12		24.49	24.51	24.51		
10	1	0		23.97	23.97	24.02		
10	1	51		24.02	24.05	23.95		
10	50	0		23.93	23.98	24.05		
10	1	1	QPSK	24.45	24.45	24.51		
10	1	50		24.44	24.54	24.43		
10	25	12		24.53	24.45	24.51		
10	1	0		23.50	23.48	23.52		
10	1	51		23.52	23.51	23.43		
10	50	0		23.46	23.52	23.53		
10	1	1	16-QAM	23.52	23.44	23.46	19.47	0.0885
10	1	1	64-QAM	21.96	22.01	22.10		
10	1	1	256-QAM	20.04	20.02	19.88		
Limit	ERP < 7W			Result			Pass	



NR n5 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	24.47	24.47	24.46	20.50	0.1122
15	1	77		24.49	24.48	24.42		
15	36	18		24.43	24.52	24.50		
15	1	0		23.82	23.98	23.90		
15	1	78		23.98	24.07	24.01		
15	75	0		23.99	24.01	23.97		
15	1	1	QPSK	24.34	24.51	24.40		
15	1	77		24.45	24.48	24.35		
15	36	18		24.46	24.55	24.44		
15	1	0		23.44	23.42	23.48		
15	1	78		23.47	23.52	23.42		
15	75	0		23.46	23.50	23.46		
15	1	1	16-QAM	23.61	23.50	23.47	19.56	0.0904
15	1	1	64-QAM	21.90	22.15	21.99		
15	1	1	256-QAM	19.75	19.98	19.98		
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	24.38	24.41	24.37	20.50	0.1122
20	1	104		24.45	24.55	24.48		
20	50	25		24.40	24.50	24.46		
20	1	0		23.81	23.92	23.91		
20	1	105		23.92	24.01	23.98		
20	100	0		23.90	23.94	23.99		
20	1	1	QPSK	24.41	24.41	24.44		
20	1	104		24.49	21.38	24.45		
20	50	25		24.51	24.47	24.49		
20	1	0		23.35	23.40	23.33		
20	1	105		23.47	23.47	23.40		
20	100	0		23.43	23.46	23.44		
20	1	1	16-QAM	23.53	23.38	23.56	19.51	0.0893
20	1	1	64-QAM	21.99	22.04	21.93		
20	1	1	256-QAM	19.79	19.99	19.78		
Limit	ERP < 7W			Result			Pass	



NR n7 Maximum Average Power [dBm] (GT - LC = 0.32 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.67	24.69	24.42	25.22	0.3327
5	1	23		24.73	24.52	24.87		
5	12	6		24.72	24.56	24.90		
5	1	0		24.26	24.18	24.43		
5	1	24		24.30	24.06	24.43		
5	25	0		24.22	24.07	24.35		
5	1	1	QPSK	24.73	24.53	23.89		
5	1	23		24.72	24.58	24.85		
5	12	6		24.78	24.59	24.85		
5	1	0		23.75	23.63	23.91		
5	1	24		23.79	23.61	23.90		
5	25	0		23.75	23.67	23.90		
5	1	1	16-QAM	23.87	23.78	24.08	24.40	0.2754
5	1	1	64-QAM	22.10	22.18	22.45		
5	1	1	256-QAM	20.21	20.05	20.27		
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = 0.32 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.67	24.65	24.90	25.22	0.3327
10	1	50		24.77	24.63	24.85		
10	25	12		24.75	24.56	24.88		
10	1	0		24.15	24.14	24.31		
10	1	51		24.33	24.01	24.38		
10	50	0		24.31	24.16	24.33		
10	1	1	QPSK	24.64	24.76	24.78		
10	1	50		24.77	24.57	24.84		
10	25	12		24.72	24.57	24.89		
10	1	0		23.57	23.70	23.89		
10	1	51		23.86	23.58	23.83		
10	50	0		23.80	23.68	23.80		
10	1	1	16-QAM	23.60	23.87	23.78	24.19	0.2624
10	1	1	64-QAM	22.27	22.32	22.46		
10	1	1	256-QAM	20.21	20.39	20.40		
Limit	EIRP < 2W			Result			Pass	



NR n7 Maximum Average Power [dBm] (GT - LC = 0.32 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.62	24.72	24.65	25.25	0.3350
15	1	77		24.84	24.52	24.88		
15	36	18		24.80	24.57	24.89		
15	1	0		24.17	24.18	24.31		
15	1	78		24.34	23.94	24.41		
15	75	0		24.21	24.05	24.39		
15	1	1	QPSK	24.72	24.70	24.74		
15	1	77		24.88	24.54	24.91		
15	36	18		24.78	24.60	24.93		
15	1	0		23.77	23.72	23.70		
15	1	78		23.84	23.47	23.97		
15	75	0		23.77	23.62	23.92		
15	1	1	16-QAM	23.83	23.81	23.74	24.15	0.2600
15	1	1	64-QAM	22.04	22.43	22.51		
15	1	1	256-QAM	20.16	20.19	20.24		
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = 0.32 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.63	24.78	24.55	25.21	0.3319
20	1	104		24.79	24.47	24.81		
20	50	25		24.70	24.56	24.73		
20	1	0		24.10	24.29	24.06		
20	1	105		24.22	24.02	24.40		
20	100	0		24.34	24.03	24.28		
20	1	1	QPSK	24.58	24.74	24.60		
20	1	104		24.74	24.48	24.86		
20	50	25		24.89	24.57	24.83		
20	1	0		23.64	23.77	23.67		
20	1	105		23.76	23.52	23.84		
20	100	0		23.81	23.62	23.84		
20	1	1	16-QAM	23.70	23.77	23.75	24.09	0.2564
20	1	1	64-QAM	22.10	22.28	22.08		
20	1	1	256-QAM	20.15	20.28	20.18		
Limit	EIRP < 2W			Result			Pass	



NR n7 Maximum Average Power [dBm] (GT - LC = 0.32 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	24.57	24.72	24.62	25.10	0.3236		
25	1	131		24.76	24.50	24.74				
25	64	32		24.78	24.53	24.60				
25	1	0		24.11	24.13	23.94				
25	1	132		24.24	23.91	24.21				
25	128	0		24.25	23.98	24.21				
25	1	1	QPSK	24.65	24.67	24.60			24.05	0.2541
25	1	131		24.75	24.42	24.77				
25	64	32		24.74	24.50	24.72				
25	1	0		23.60	23.72	23.55				
25	1	132		23.79	23.40	23.77				
25	128	0		23.80	23.54	23.73				
25	1	1	16-QAM	23.65	23.72	23.73	24.05	0.2541		
25	1	1	64-QAM	22.01	22.42	22.17				
25	1	1	256-QAM	20.14	20.22	20.12				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = 0.32 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.80	24.92	24.79	25.26	0.3357		
30	1	158		24.81	24.85	24.92				
30	80	40		24.92	24.64	24.85				
30	1	0		24.36	24.39	24.30				
30	1	159		24.29	24.35	24.45				
30	160	0		24.34	24.23	24.37				
30	1	1	QPSK	24.77	24.88	24.80			24.35	0.2723
30	1	158		24.83	24.80	24.94				
30	80	40		24.91	24.71	24.88				
30	1	0		23.83	23.85	23.90				
30	1	159		23.83	23.84	23.95				
30	160	0		23.93	23.76	23.88				
30	1	1	16-QAM	23.92	24.03	23.75	24.35	0.2723		
30	1	1	64-QAM	22.35	22.33	22.25				
30	1	1	256-QAM	20.52	20.33	20.27				
Limit	EIRP < 2W			Result			Pass			



NR n7 Maximum Average Power [dBm] (GT - LC = 0.32 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	24.95	24.98	24.93	25.41	0.3475		
40	1	214		24.90	24.90	25.09				
40	108	54		24.93	24.75	24.90				
40	1	0		24.33	24.51	24.43				
40	1	215		24.38	24.41	24.58				
40	216	0		24.41	24.25	24.51				
40	1	1	QPSK	24.82	25.05	25.01			24.51	0.2825
40	1	214		24.87	24.96	25.09				
40	108	54		24.90	24.81	25.01				
40	1	0		24.42	24.03	24.02				
40	1	215		24.34	23.86	24.07				
40	216	0		24.40	23.74	23.99				
40	1	1	16-QAM	23.83	24.19	24.11	24.51	0.2825		
40	1	1	64-QAM	22.48	22.60	22.57				
40	1	1	256-QAM	20.31	20.47	20.44				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = 0.32 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	24.96	25.07	24.98	25.45	0.3508		
50	1	268		24.93	25.05	25.04				
50	135	67		24.85	24.79	24.82				
50	1	0		24.55	24.60	24.53				
50	1	269		24.53	24.57	24.55				
50	270	0		24.36	24.32	24.36				
50	1	1	QPSK	24.95	25.13	25.11			24.48	0.2805
50	1	268		24.87	24.99	25.06				
50	135	67		24.86	24.80	24.72				
50	1	0		24.01	24.15	24.53				
50	1	269		24.01	24.14	24.54				
50	270	0		23.82	23.90	24.44				
50	1	1	16-QAM	24.16	23.92	24.12	24.48	0.2805		
50	1	1	64-QAM	22.45	22.53	22.66				
50	1	1	256-QAM	20.53	20.40	20.46				
Limit	EIRP < 2W			Result			Pass			



NR n12 Maximum Average Power [dBm] (GT - LC = -1.02 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	25.16	25.17	25.08	22.07	0.1611
5	1	23		25.24	25.15	25.00		
5	12	6		25.12	25.19	25.04		
5	1	0		24.61	24.65	24.64		
5	1	24		24.71	24.74	24.48		
5	25	0		24.64	24.74	24.58		
5	1	1	QPSK	25.12	25.13	25.10		
5	1	23		25.21	25.14	24.97		
5	12	6		25.14	25.17	25.10		
5	1	0		24.18	24.19	24.09		
5	1	24		24.15	24.12	23.99		
5	25	0		24.12	24.18	24.06		
5	1	1	16-QAM	24.10	24.29	24.09	21.12	0.1294
5	1	1	64-QAM	22.62	22.58	22.72		
5	1	1	256-QAM	20.73	20.71	20.58		
Limit	ERP < 3W			Result			Pass	

NR n12 Maximum Average Power [dBm] (GT - LC = -1.02 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	25.16	25.21	25.19	22.06	0.1607
10	1	50		25.19	25.19	25.09		
10	25	12		25.10	25.22	25.12		
10	1	0		24.63	24.68	24.68		
10	1	51		24.65	24.63	24.54		
10	50	0		24.61	24.70	24.63		
10	1	1	QPSK	25.09	25.21	25.12		
10	1	50		25.20	25.16	25.01		
10	25	12		25.16	25.23	25.15		
10	1	0		24.11	24.22	24.10		
10	1	51		24.13	24.26	24.04		
10	50	0		24.14	24.10	24.07		
10	1	1	16-QAM	24.27	24.25	24.37	21.20	0.1318
10	1	1	64-QAM	22.59	22.64	22.64		
10	1	1	256-QAM	20.60	20.60	20.67		
Limit	ERP < 3W			Result			Pass	



NR n12 Maximum Average Power [dBm] (GT - LC = -1.02 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	25.17	25.25	25.24	22.08	0.1614
15	1	77		25.16	25.10	25.09		
15	36	18		25.22	25.24	25.24		
15	1	0		24.70	24.66	24.70		
15	1	78		24.62	24.58	24.56		
15	75	0		24.74	24.74	24.75		
15	1	1	QPSK	25.16	25.16	25.18		
15	1	77		25.10	25.09	25.10		
15	36	18		25.19	25.21	25.23		
15	1	0		24.22	24.18	24.14		
15	1	78		24.21	24.17	24.04		
15	75	0		24.28	24.19	24.27		
15	1	1	16-QAM	24.18	24.26	24.33	21.16	0.1306
15	1	1	64-QAM	22.85	22.87	22.76		
15	1	1	256-QAM	20.71	20.81	20.87		
Limit	ERP < 3W			Result			Pass	



NR n14 Maximum Average Power [dBm] (GT - LC = -2.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.25	24.26	24.46	19.86	0.0968
5	1	23		24.41	24.34	24.47		
5	12	6		24.30	24.26	24.43		
5	1	0		23.80	23.74	23.85		
5	1	24		23.90	23.89	23.97		
5	25	0		23.89	23.77	23.94		
5	1	1	QPSK	24.24	24.30	24.35		
5	1	23		24.43	24.30	24.41		
5	12	6		24.38	24.33	24.50		
5	1	0		23.28	23.30	23.48		
5	1	24		23.43	23.36	23.47		
5	25	0		23.38	23.31	23.45		
5	1	1	16-QAM	23.46	23.30	23.22	18.82	0.0762
5	1	1	64-QAM	21.74	21.94	21.91		
5	1	1	256-QAM	19.90	19.82	20.01		
Limit	ERP < 3W			Result			Pass	

NR n14 Maximum Average Power [dBm] (GT - LC = -2.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	-	24.28	-	19.81	0.0957
10	1	50		-	24.45	-		
10	25	12		-	24.36	-		
10	1	0		-	23.81	-		
10	1	51		-	23.89	-		
10	50	0		-	23.91	-		
10	1	1	QPSK	-	24.26	-		
10	1	50		-	24.38	-		
10	25	12		-	24.35	-		
10	1	0		-	23.30	-		
10	1	51		-	23.45	-		
10	50	0		-	23.40	-		
10	1	1	16-QAM	-	23.20	-	18.56	0.0718
10	1	1	64-QAM	-	21.89	-		
10	1	1	256-QAM	-	19.71	-		
Limit	ERP < 3W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.56	24.56	24.48	24.49	0.2812
5	1	23		24.43	24.61	24.46		
5	12	6		24.50	24.62	24.38		
5	1	0		23.99	24.17	23.88		
5	1	24		23.95	24.14	23.97		
5	25	0		23.98	24.13	23.83		
5	1	1	QPSK	24.56	24.74	24.35		
5	1	23		24.50	24.57	24.38		
5	12	6		24.52	24.58	24.36		
5	1	0		23.54	23.58	23.45		
5	1	24		23.48	23.63	23.53		
5	25	0		21.96	22.17	21.93		
5	1	1	16-QAM	23.75	23.80	23.53	23.55	0.2265
5	1	1	64-QAM	22.13	22.24	22.18		
5	1	1	256-QAM	18.10	18.20	18.09		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.61	24.61	24.58	24.46	0.2793
10	1	50		24.43	24.71	24.45		
10	25	12		24.53	24.65	24.47		
10	1	0		24.07	24.15	23.98		
10	1	51		24.02	24.21	23.91		
10	50	0		23.98	24.16	23.98		
10	1	1	QPSK	24.54	24.56	24.65		
10	1	50		24.55	24.61	24.54		
10	25	12		24.57	24.68	24.48		
10	1	0		23.63	23.67	23.59		
10	1	51		23.52	23.79	23.53		
10	50	0		22.05	22.20	21.96		
10	1	1	16-QAM	23.61	23.88	23.70	23.63	0.2307
10	1	1	64-QAM	22.18	22.10	22.24		
10	1	1	256-QAM	18.18	18.17	18.15		
Limit	EIRP < 2W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = -0.25 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.58	24.64	24.62	24.43	0.2773		
15	1	77		24.50	24.65	24.52				
15	36	18		24.54	24.66	24.51				
15	1	0		24.05	24.00	24.12				
15	1	78		23.96	24.07	24.01				
15	75	0		24.06	24.14	23.99				
15	1	1	QPSK	24.66	24.59	24.60			23.65	0.2317
15	1	77		24.50	24.63	24.43				
15	36	18		24.54	24.68	24.56				
15	1	0		23.58	23.61	23.58				
15	1	78		23.47	23.64	23.58				
15	75	0		22.06	22.15	22.04				
15	1	1	16-QAM	23.66	23.90	23.80	23.65	0.2317		
15	1	1	64-QAM	22.35	22.32	22.13				
15	1	1	256-QAM	18.16	18.22	18.20				
Limit	EIRP < 2W			Result			Pass			

NR n25 Maximum Average Power [dBm] (GT - LC = -0.25 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	24.64	24.56	24.78	24.53	0.2838		
20	1	104		24.48	24.58	24.61				
20	50	25		24.46	24.63	24.58				
20	1	0		24.05	24.04	24.12				
20	1	105		24.00	24.12	24.08				
20	100	0		23.99	24.13	24.08				
20	1	1	QPSK	24.61	24.48	24.69			23.52	0.2249
20	1	104		24.48	24.57	24.43				
20	50	25		24.52	24.65	24.63				
20	1	0		23.56	23.61	23.70				
20	1	105		23.52	23.54	23.61				
20	100	0		22.12	22.26	22.12				
20	1	1	16-QAM	23.73	23.77	23.70	23.52	0.2249		
20	1	1	64-QAM	22.26	22.19	22.09				
20	1	1	256-QAM	18.13	18.22	18.36				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = -0.25 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	24.52	24.53	24.69	24.44	0.278		
25	1	131		24.52	24.55	24.41				
25	64	32		24.47	24.62	24.56				
25	1	0		24.05	24.11	24.12				
25	1	132		23.89	24.11	23.90				
25	128	0		23.97	24.12	24.05				
25	1	1	QPSK	24.58	24.67	24.65			23.48	0.2228
25	1	131		24.46	24.58	24.38				
25	64	32		24.48	24.62	24.40				
25	1	0		23.56	23.60	23.76				
25	1	132		23.47	23.56	23.48				
25	128	0		21.99	22.21	22.08				
25	1	1	16-QAM	23.73	23.71	23.68	23.48	0.2228		
25	1	1	64-QAM	22.21	22.31	22.35				
25	1	1	256-QAM	18.06	18.25	18.18				
Limit	EIRP < 2W			Result			Pass			

NR n25 Maximum Average Power [dBm] (GT - LC = -0.25 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.60	24.56	24.78	24.54	0.2844		
30	1	158		24.53	24.51	24.45				
30	80	40		24.59	24.68	24.56				
30	1	0		24.18	24.03	24.10				
30	1	159		24.15	24.05	23.96				
30	160	0		24.04	24.18	24.20				
30	1	1	QPSK	24.63	24.59	24.79			23.56	0.227
30	1	158		24.64	24.68	24.46				
30	80	40		24.57	24.70	24.69				
30	1	0		23.63	23.52	23.75				
30	1	159		23.60	23.60	23.54				
30	160	0		22.09	22.21	22.17				
30	1	1	16-QAM	23.81	23.55	23.71	23.56	0.227		
30	1	1	64-QAM	22.31	22.20	22.51				
30	1	1	256-QAM	18.17	18.11	18.40				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = -0.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.58	24.57	24.69	24.528	0.2837
40	1	214		24.57	24.39	24.45		
40	108	54		24.51	24.78	24.67		
40	1	0		24.04	24.04	24.12		
40	1	215		24.02	23.96	23.86		
40	216	0		23.98	24.09	24.35		
40	1	1	QPSK	24.63	24.42	24.61	24.528	0.2837
40	1	214		24.57	24.27	24.43		
40	108	54		24.54	24.73	24.77		
40	1	0		23.58	23.51	23.57		
40	1	215		23.54	23.47	23.47		
40	216	0		21.96	22.23	22.35		
40	1	1	16-QAM	23.70	22.84	23.70	23.45	0.2213
40	1	1	64-QAM	22.07	22.15	22.37		
40	1	1	256-QAM	18.30	18.24	18.16		
Limit	EIRP < 2W			Result			Pass	



NR n30 Maximum Average Power [dBm] (GT - LC = -0.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	21.62	21.71	21.65	21.61	0.1449		
5	1	23		21.59	21.59	21.50				
5	12	6		21.60	21.57	21.63				
5	1	0		21.56	21.65	21.68				
5	1	24		21.54	21.62	21.52				
5	25	0		21.60	21.57	21.53				
5	1	1	QPSK	21.61	21.62	21.52			21.61	0.1449
5	1	23		21.61	21.55	21.51				
5	12	6		21.57	21.55	21.51				
5	1	0		21.60	21.51	21.61				
5	1	24		21.51	21.56	21.57				
5	25	0		21.56	21.54	21.53				
5	1	1	16-QAM	21.56	21.58	21.47	21.48	0.1406		
5	1	1	64-QAM	20.28	20.31	20.20				
5	1	1	256-QAM	18.31	18.44	18.23				
Limit	EIRP < 250 mW/5MHz			Result			Pass			

NR n30 Maximum Average Power [dBm] (GT - LC = -0.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	-	21.69	-	21.61	0.1449		
10	1	50		-	21.56	-				
10	25	12		-	21.71	-				
10	1	0		-	21.64	-				
10	1	51		-	21.55	-				
10	50	0		-	21.56	-				
10	1	1	QPSK	-	21.65	-			21.61	0.1449
10	1	50		-	21.54	-				
10	25	12		-	21.54	-				
10	1	0		-	21.65	-				
10	1	51		-	21.56	-				
10	50	0		-	21.63	-				
10	1	1	16-QAM	-	21.68	-	21.58	0.1439		
10	1	1	64-QAM	-	20.47	-				
10	1	1	256-QAM	-	18.24	-				
Limit	EIRP < 250 mW/5MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.



NR n38 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.57	24.45	24.56	25.50	0.3548
10	1	22		24.46	24.48	24.52		
10	12	6		24.54	24.52	24.58		
10	1	0		24.04	24.05	24.17		
10	1	23		23.98	24.09	24.11		
10	24	0		24.07	24.03	24.10		
10	1	1	QPSK	24.60	24.52	24.57		
10	1	22		24.53	24.53	24.58		
10	12	6		24.57	24.52	24.60		
10	1	0		23.61	23.53	23.52		
10	1	23		23.53	23.57	23.61		
10	24	0		23.58	23.55	23.57		
10	1	1	16-QAM	23.67	23.62	23.66	24.57	0.2864
10	1	1	64-QAM	22.19	22.03	22.24		
10	1	1	256-QAM	20.09	19.84	19.81		
Limit	EIRP < 2W			Result			Pass	

NR n38 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.60	24.55	24.63	25.54	0.3581
15	1	36		24.50	24.56	24.62		
15	18	9		24.55	24.51	24.64		
15	1	0		24.11	24.06	24.13		
15	1	37		24.00	24.05	24.15		
15	36	0		24.06	24.02	24.11		
15	1	1	QPSK	24.60	24.51	24.58		
15	1	36		24.51	24.51	24.60		
15	18	9		24.58	24.50	24.62		
15	1	0		23.63	23.51	23.56		
15	1	37		23.51	23.54	23.51		
15	36	0		23.56	23.53	23.63		
15	1	1	16-QAM	23.68	23.46	23.64	24.58	0.2871
15	1	1	64-QAM	22.02	21.92	22.18		
15	1	1	256-QAM	19.87	19.89	19.86		
Limit	EIRP < 2W			Result			Pass	



NR n38 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.64	24.52	24.63	25.54	0.3581
20	1	49		24.60	24.51	24.57		
20	25	12		24.57	24.51	24.62		
20	1	0		24.20	24.06	24.10		
20	1	50		24.05	24.02	24.12		
20	50	0		24.07	24.00	24.09		
20	1	1	QPSK	24.60	24.51	24.59	24.63	0.2904
20	1	49		24.52	24.52	24.54		
20	25	12		24.58	24.52	24.62		
20	1	0		23.62	23.57	23.62		
20	1	50		23.52	23.51	23.59		
20	50	0		23.61	23.52	23.66		
20	1	1	16-QAM	23.73	23.60	23.73	24.63	0.2904
20	1	1	64-QAM	22.20	21.93	22.03		
20	1	1	256-QAM	20.14	19.87	20.05		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.32	24.30	24.14	25.23	0.3334		
10	1	22		24.37	24.32	24.17				
10	12	6		24.28	24.30	24.12				
10	1	0		23.80	23.79	23.58				
10	1	23		23.78	23.80	23.62				
10	24	0		23.78	23.77	23.63				
10	1	1	QPSK	24.29	24.24	24.15			24.07	0.2553
10	1	22		24.31	24.24	24.13				
10	12	6		24.39	24.27	24.10				
10	1	0		23.27	23.26	23.13				
10	1	23		23.28	23.29	23.09				
10	24	0		23.22	23.29	23.02				
10	1	1	16-QAM	23.21	23.03	23.23	24.07	0.2553		
10	1	1	64-QAM	21.62	21.79	21.70				
10	1	1	256-QAM	19.62	19.64	19.57				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.34	24.07	24.10	25.21	0.3319		
15	1	36		24.37	24.17	24.08				
15	18	9		24.34	24.07	24.10				
15	1	0		23.84	23.55	23.59				
15	1	37		23.85	23.70	23.64				
15	36	0		23.83	23.56	23.59				
15	1	1	QPSK	24.32	24.03	24.12			24.14	0.2594
15	1	36		24.30	24.15	24.15				
15	18	9		24.33	24.06	24.08				
15	1	0		23.28	23.06	23.04				
15	1	37		23.32	23.12	23.04				
15	36	0		23.34	23.07	23.09				
15	1	1	16-QAM	23.30	23.16	23.08	24.14	0.2594		
15	1	1	64-QAM	21.77	21.67	21.51				
15	1	1	256-QAM	19.71	19.50	19.42				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	24.32	24.08	24.18	25.16	0.3281		
20	1	49		24.24	24.12	24.26				
20	25	12		24.30	24.09	24.11				
20	1	0		23.83	23.56	23.72				
20	1	50		23.72	23.66	23.67				
20	50	0		23.79	23.60	23.70				
20	1	1	QPSK	24.28	24.07	24.24			24.17	0.2612
20	1	49		24.24	24.12	24.20				
20	25	12		24.32	24.08	24.20				
20	1	0		23.27	23.02	23.00				
20	1	50		23.21	23.15	23.22				
20	50	0		23.24	23.15	23.18				
20	1	1	16-QAM	23.33	23.19	22.16	24.17	0.2612		
20	1	1	64-QAM	21.93	21.66	21.78				
20	1	1	256-QAM	19.78	19.55	19.74				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.37	24.16	24.08	25.26	0.3357		
30	1	76		24.36	24.30	24.13				
30	36	18		24.42	24.18	24.11				
30	1	0		23.68	23.67	23.65				
30	1	77		23.73	23.72	23.70				
30	75	0		23.71	23.68	23.70				
30	1	1	QPSK	24.15	24.19	24.08			24.33	0.271
30	1	76		24.23	24.30	24.09				
30	36	18		24.25	24.18	24.10				
30	1	0		23.14	23.19	23.12				
30	1	77		23.18	23.28	23.20				
30	75	0		23.21	23.18	23.19				
30	1	1	16-QAM	23.49	23.17	23.25	24.33	0.271		
30	1	1	64-QAM	21.97	21.77	21.50				
30	1	1	256-QAM	19.86	19.61	19.54				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 0.84 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.38	24.18	24.17	25.29	0.3381
40	1	104		24.24	24.31	24.31		
40	50	25		24.38	24.20	24.19		
40	1	0		23.95	23.76	23.63		
40	1	105		23.70	23.82	23.80		
40	100	0		23.83	23.73	23.75		
40	1	1	QPSK	24.45	24.23	24.14		
40	1	104		24.19	24.33	24.31		
40	50	25		24.40	24.26	24.29		
40	1	0		23.40	23.25	23.13		
40	1	105		23.17	23.39	23.29		
40	100	0		23.35	23.20	23.27		
40	1	1	16-QAM	23.64	23.25	23.15	24.48	0.2805
40	1	1	64-QAM	21.86	21.74	21.53		
40	1	1	256-QAM	19.85	19.77	19.60		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = 0.84 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	24.49	24.35	24.09	25.37	0.3443
50	1	131		24.23	24.44	24.29		
50	64	32		24.46	24.22	24.28		
50	1	0		24.09	23.84	23.65		
50	1	132		23.81	23.94	23.84		
50	128	0		23.93	23.73	23.76		
50	1	1	QPSK	24.53	24.30	24.18		
50	1	131		24.27	24.47	24.39		
50	64	32		24.49	24.25	24.20		
50	1	0		23.59	23.31	23.17		
50	1	132		23.29	23.46	23.33		
50	128	0		23.47	23.22	23.24		
50	1	1	16-QAM	23.57	23.28	23.20	24.41	0.2761
50	1	1	64-QAM	22.02	21.84	21.62		
50	1	1	256-QAM	19.90	19.64	19.53		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	24.59	24.37	24.23	25.43	0.3491		
60	1	160		24.33	24.50	24.30				
60	81	40		24.36	24.21	24.32				
60	1	0		24.09	23.85	23.81				
60	1	161		23.89	23.96	24.50				
60	162	0		23.91	23.75	23.78				
60	1	1	QPSK	24.54	24.36	24.30			25.43	0.3491
60	1	160		24.34	24.48	24.43				
60	81	40		24.37	24.30	24.32				
60	1	0		23.52	23.38	23.20				
60	1	161		23.39	23.46	23.45				
60	162	0		23.34	23.28	23.28				
60	1	1	16-QAM	23.58	23.58	23.37	24.42	0.2767		
60	1	1	64-QAM	21.93	21.89	21.86				
60	1	1	256-QAM	19.73	19.73	19.71				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	24.65	24.38	24.35	25.49	0.354		
70	1	187		24.50	24.47	24.47				
70	90	45		24.37	24.22	24.21				
70	1	0		24.13	23.91	23.81				
70	1	188		23.95	24.00	24.00				
70	180	0		23.88	23.82	23.76				
70	1	1	QPSK	24.62	24.35	24.35			25.49	0.354
70	1	187		24.43	24.51	24.53				
70	90	45		24.38	24.26	24.26				
70	1	0		23.66	23.35	23.38				
70	1	188		23.49	23.50	23.50				
70	180	0		23.41	23.37	23.32				
70	1	1	16-QAM	23.55	23.58	23.47	24.42	0.2767		
70	1	1	64-QAM	22.22	22.15	21.98				
70	1	1	256-QAM	20.09	19.74	19.90				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = 0.84 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	24.71	24.37	24.48	25.56	0.3597
80	1	215		24.44	24.45	24.62		
80	108	54		24.34	24.23	24.35		
80	1	0		24.22	23.87	23.95		
80	1	216		23.92	23.92	24.12		
80	216	0		23.91	23.81	23.92		
80	1	1	QPSK	24.72	24.38	24.42		
80	1	215		24.45	24.45	24.58		
80	108	54		24.34	24.26	24.30		
80	1	0		23.70	23.35	23.40		
80	1	216		23.45	23.48	23.62		
80	216	0		23.33	23.30	23.38		
80	1	1	16-QAM	23.61	23.28	23.39	24.45	0.2786
80	1	1	64-QAM	22.26	21.96	21.94		
80	1	1	256-QAM	20.11	19.95	19.84		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = 0.84 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	24.85	24.42	24.38	25.69	0.3707
90	1	243		24.48	24.51	24.54		
90	120	60		24.42	24.25	24.25		
90	1	0		24.38	23.93	23.91		
90	1	244		23.98	24.09	24.11		
90	240	0		23.95	23.82	23.90		
90	1	1	QPSK	24.70	24.37	24.50		
90	1	243		24.37	24.52	24.58		
90	120	60		24.37	24.28	24.27		
90	1	0		23.76	23.40	23.39		
90	1	244		23.50	23.56	23.56		
90	240	0		23.38	23.37	23.40		
90	1	1	16-QAM	23.82	23.39	23.47	24.66	0.2924
90	1	1	64-QAM	22.17	21.95	22.09		
90	1	1	256-QAM	20.27	20.01	19.81		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = 0.84 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	24.57	24.11	24.00	25.41	0.3475
100	1	271		24.51	24.45	24.49		
100	135	67		24.42	24.33	24.35		
100	1	0		24.06	23.71	23.59		
100	1	272		23.94	23.92	24.04		
100	270	0		23.96	23.93	23.94		
100	1	1	QPSK	24.51	24.17	24.09	25.41	0.3475
100	1	271		24.41	24.45	24.57		
100	135	67		24.41	24.32	24.36		
100	1	0		23.47	23.21	23.06		
100	1	272		23.45	23.43	23.58		
100	270	0		23.47	23.34	23.48		
100	1	1	16-QAM	23.69	23.19	23.31	24.53	0.2838
100	1	1	64-QAM	22.08	21.84	21.59		
100	1	1	256-QAM	19.95	19.65	19.47		
Limit	EIRP < 2W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = 0.05 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	25.31	25.11	25.03	25.40	0.3467		
5	1	23		25.31	25.08	24.99				
5	12	6		25.29	25.19	25.03				
5	1	0		24.82	24.66	24.58				
5	1	24		24.81	24.60	24.53				
5	25	0		24.79	24.63	24.56				
5	1	1	QPSK	25.35	25.10	25.04			24.22	0.2642
5	1	23		25.28	25.11	25.04				
5	12	6		25.26	25.11	25.01				
5	1	0		24.27	24.16	24.02				
5	1	24		24.34	24.17	24.05				
5	25	0		24.30	24.16	24.07				
5	1	1	16-QAM	24.14	24.15	24.17	24.22	0.2642		
5	1	1	64-QAM	23.01	22.76	22.74				
5	1	1	256-QAM	20.72	20.66	20.75				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 0.05 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	25.43	25.27	25.08	25.48	0.3532		
10	1	50		25.36	25.07	25.13				
10	25	12		25.39	25.15	25.08				
10	1	0		24.98	24.67	24.59				
10	1	51		24.86	24.58	24.56				
10	50	0		24.91	24.71	24.61				
10	1	1	QPSK	25.39	25.23	25.07			24.51	0.2825
10	1	50		24.30	25.09	25.02				
10	25	12		25.38	25.13	25.11				
10	1	0		24.48	24.23	24.10				
10	1	51		24.32	24.07	24.03				
10	50	0		24.38	24.20	24.08				
10	1	1	16-QAM	24.46	24.17	24.10	24.51	0.2825		
10	1	1	64-QAM	22.83	22.74	22.62				
10	1	1	256-QAM	20.92	20.70	20.56				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 0.05 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	25.34	25.26	25.07	25.45	0.3508		
15	1	77		25.21	25.08	25.01				
15	36	18		24.79	25.15	25.03				
15	1	0		24.84	24.68	24.52				
15	1	78		24.79	24.63	24.52				
15	75	0		24.86	24.66	24.55				
15	1	1	QPSK	25.38	25.21	25.01			24.45	0.2786
15	1	77		25.24	25.02	25.05				
15	36	18		25.40	25.16	25.02				
15	1	0		24.34	24.22	24.04				
15	1	78		24.23	24.13	23.97				
15	75	0		24.36	24.20	24.08				
15	1	1	16-QAM	24.40	24.28	24.03	24.45	0.2786		
15	1	1	64-QAM	22.99	22.82	22.64				
15	1	1	256-QAM	20.78	20.89	20.41				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 0.05 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	25.37	25.27	25.07	25.42	0.3483		
20	1	104		25.21	25.07	25.02				
20	50	25		25.32	25.07	25.01				
20	1	0		24.88	24.74	24.50				
20	1	105		24.63	24.55	24.55				
20	100	0		24.80	24.68	24.58				
20	1	1	QPSK	25.32	25.26	25.06			24.45	0.2786
20	1	104		25.11	25.02	25.05				
20	50	25		25.32	25.16	25.05				
20	1	0		24.39	24.23	24.09				
20	1	105		24.18	24.04	24.05				
20	100	0		24.31	24.21	24.05				
20	1	1	16-QAM	24.40	24.13	24.07	24.45	0.2786		
20	1	1	64-QAM	22.92	22.96	22.68				
20	1	1	256-QAM	20.85	20.79	20.68				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 0.05 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	25.30	25.20	25.15	25.35	0.3428		
25	1	131		25.01	24.96	24.98				
25	64	32		25.24	25.14	25.11				
25	1	0		24.86	24.70	24.61				
25	1	132		24.47	24.55	24.48				
25	128	0		24.71	24.65	24.60				
25	1	1	QPSK	25.27	25.21	25.12			24.43	0.2773
25	1	131		24.92	25.00	25.15				
25	64	32		25.25	25.15	25.06				
25	1	0		24.36	24.27	24.03				
25	1	132		24.04	23.97	24.00				
25	128	0		24.27	24.15	24.12				
25	1	1	16-QAM	24.38	24.35	24.16	24.43	0.2773		
25	1	1	64-QAM	23.02	22.86	22.62				
25	1	1	256-QAM	20.71	20.76	20.72				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = 0.05 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	25.46	25.20	25.14	25.51	0.3556		
30	1	158		25.08	24.97	25.01				
30	80	40		25.33	25.12	25.13				
30	1	0		24.88	24.74	24.64				
30	1	159		24.58	24.43	24.50				
30	160	0		24.82	24.57	24.61				
30	1	1	QPSK	25.39	25.24	25.09			24.44	0.278
30	1	158		25.16	24.99	24.93				
30	80	40		25.34	25.13	25.06				
30	1	0		24.37	24.24	24.17				
30	1	159		24.17	23.92	24.01				
30	160	0		24.27	24.15	24.06				
30	1	1	16-QAM	24.39	24.22	24.20	24.44	0.278		
30	1	1	64-QAM	22.87	22.79	22.71				
30	1	1	256-QAM	20.99	20.81	20.73				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = 0.05 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	25.24	25.28	25.18	25.36	0.3436
40	1	214		24.92	24.94	24.90		
40	108	54		25.23	25.13	25.03		
40	1	0		24.82	24.74	24.61		
40	1	215		24.34	24.42	24.46		
40	216	0		24.60	24.60	24.45		
40	1	1	QPSK	25.23	25.31	25.10		
40	1	214		24.93	24.96	24.85		
40	108	54		25.21	25.15	24.96		
40	1	0		24.33	24.26	24.19		
40	1	215		23.94	23.95	23.90		
40	216	0		24.11	24.08	23.91		
40	1	1	16-QAM	24.35	24.33	24.18	24.40	0.2754
40	1	1	64-QAM	22.94	22.81	22.92		
40	1	1	256-QAM	20.96	20.93	20.83		
Limit	EIRP < 1W			Result			Pass	



NR n71 Maximum Average Power [dBm] (GT - LC = -0.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	25.23	24.81	24.93	23.04	0.2014
5	1	23		25.18	24.75	25.01		
5	12	6		25.20	24.80	24.95		
5	1	0		24.70	24.28	24.47		
5	1	24		24.61	24.20	24.50		
5	25	0		24.70	24.28	24.41		
5	1	1	QPSK	25.16	24.76	24.94		
5	1	23		25.12	24.72	24.89		
5	12	6		25.13	24.71	24.94		
5	1	0		24.25	23.78	23.98		
5	1	24		24.18	23.68	23.97		
5	25	0		24.23	23.79	23.94		
5	1	1	16-QAM	24.15	23.76	23.95	21.96	0.157
5	1	1	64-QAM	22.74	22.40	22.48		
5	1	1	256-QAM	20.51	20.30	20.46		
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = -0.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	25.21	24.84	24.67	23.02	0.2004
10	1	50		24.96	24.75	24.89		
10	25	12		25.11	24.81	24.83		
10	1	0		24.69	24.36	24.21		
10	1	51		24.52	24.24	24.38		
10	50	0		24.65	24.37	24.33		
10	1	1	QPSK	25.17	24.85	24.74		
10	1	50		24.93	24.78	24.85		
10	25	12		25.11	24.76	24.79		
10	1	0		24.16	23.85	23.70		
10	1	51		23.97	23.77	23.87		
10	50	0		24.14	23.74	23.87		
10	1	1	16-QAM	24.29	23.83	23.95	22.10	0.1622
10	1	1	64-QAM	22.84	22.45	22.26		
10	1	1	256-QAM	20.72	20.25	20.23		
Limit	ERP < 3W			Result			Pass	



NR n71 Maximum Average Power [dBm] (GT - LC = -0.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	25.19	24.85	24.72	23.00	0.1995
15	1	77		24.86	24.72	24.92		
15	36	18		25.07	24.24	24.81		
15	1	0		24.73	24.38	24.13		
15	1	78		24.40	24.29	24.41		
15	75	0		24.50	24.34	24.28		
15	1	1	QPSK	25.12	24.94	24.71		
15	1	77		24.83	24.80	24.88		
15	36	18		25.08	24.80	24.82		
15	1	0		24.13	23.88	23.75		
15	1	78		23.83	23.82	24.94		
15	75	0		24.00	23.84	23.81		
15	1	1	16-QAM	24.17	23.79	23.81	21.98	0.1578
15	1	1	64-QAM	22.61	22.48	22.19		
15	1	1	256-QAM	20.75	20.51	20.22		
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = -0.04 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	25.12	24.87	24.74	22.93	0.1963
20	1	104		24.70	24.77	24.99		
20	50	25		24.99	24.30	24.88		
20	1	0		24.62	24.42	24.21		
20	1	105		24.26	24.28	24.47		
20	100	0		24.45	24.30	24.39		
20	1	1	QPSK	25.08	24.93	24.80		
20	1	104		24.77	24.88	24.95		
20	50	25		24.95	24.80	24.90		
20	1	0		24.07	23.99	23.74		
20	1	105		23.82	23.84	23.94		
20	100	0		23.89	23.80	23.86		
20	1	1	16-QAM	24.14	23.90	23.81	21.95	0.1567
20	1	1	64-QAM	22.72	22.57	22.51		
20	1	1	256-QAM	20.57	20.47	20.21		
Limit	ERP < 3W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	26.43	26.36	26.14	27.27	0.5333		
10	1	22		26.37	26.30	26.08				
10	12	6		26.38	26.38	26.14				
10	1	0		22.90	22.88	22.65				
10	1	23		22.83	22.80	22.56				
10	24	0		23.37	25.81	25.63				
10	1	1	QPSK	26.39	26.31	26.25			26.37	0.4335
10	1	22		26.37	26.26	26.14				
10	12	6		26.38	26.35	26.12				
10	1	0		22.82	22.92	22.73				
10	1	23		22.75	22.82	22.60				
10	24	0		23.38	23.34	23.08				
10	1	1	16-QAM	25.35	25.53	25.31	26.37	0.4335		
10	1	1	64-QAM	23.82	23.92	23.75				
10	1	1	256-QAM	21.79	21.86	21.56				
Limit	EIRP < 2W			Result			Pass			

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	25.96	25.95	25.87	26.85	0.4842		
15	1	36		25.91	25.85	25.82				
15	18	9		25.95	25.95	25.88				
15	1	0		22.48	22.56	22.28				
15	1	37		22.53	22.38	22.30				
15	36	0		25.39	25.48	22.86				
15	1	1	QPSK	25.94	26.01	25.81			25.83	0.3828
15	1	36		25.90	25.91	25.85				
15	18	9		25.94	25.95	25.85				
15	1	0		22.45	22.49	22.27				
15	1	37		22.36	22.40	22.34				
15	36	0		22.94	22.97	22.82				
15	1	1	16-QAM	24.94	24.99	24.87	25.83	0.3828		
15	1	1	64-QAM	23.96	24.03	23.76				
15	1	1	256-QAM	21.92	21.87	21.72				
Limit	EIRP < 2W			Result			Pass			



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 0.84 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	25.96	25.99	25.74	26.88	0.4875
20	1	49		25.83	25.84	25.82		
20	25	12		25.85	25.95	25.81		
20	1	0		22.43	22.51	22.27		
20	1	50		22.30	22.44	22.32		
20	50	0		25.35	25.45	25.36		
20	1	1	QPSK	25.93	26.04	25.76		
20	1	49		25.81	25.88	25.81		
20	25	12		25.85	25.94	25.83		
20	1	0		22.43	22.58	22.24		
20	1	50		22.39	22.30	22.26		
20	50	0		22.87	22.94	22.82		
20	1	1	16-QAM	24.94	25.06	24.89	25.9	0.389
20	1	1	64-QAM	23.91	24.03	23.57		
20	1	1	256-QAM	21.73	21.74	21.53		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 0.84 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	25.98	26.05	25.71	26.89	0.4887
30	1	76		25.93	25.88	25.90		
30	36	18		25.87	25.94	25.80		
30	1	0		22.45	22.50	22.18		
30	1	77		22.38	22.31	22.38		
30	75	0		25.41	25.42	25.30		
30	1	1	QPSK	25.97	26.01	25.69		
30	1	76		25.91	25.77	25.88		
30	36	18		25.90	25.95	25.81		
30	1	0		22.43	22.51	22.18		
30	1	77		22.38	22.34	22.38		
30	75	0		22.95	22.96	22.78		
30	1	1	16-QAM	24.98	25.08	24.82	25.92	0.3908
30	1	1	64-QAM	23.53	23.55	23.64		
30	1	1	256-QAM	21.50	22.06	21.62		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	26.29	26.43	26.15	27.27	0.5333		
40	1	104		26.08	26.26	26.20				
40	50	25		26.17	26.37	26.14				
40	1	0		22.74	22.86	22.63				
40	1	105		22.53	22.72	22.72				
40	100	0		25.61	25.85	25.64				
40	1	1	QPSK	26.23	26.39	26.15			26.2	0.4169
40	1	104		26.03	26.25	26.24				
40	50	25		26.18	26.38	25.76				
40	1	0		22.83	22.93	22.26				
40	1	105		22.62	22.75	22.39				
40	100	0		23.16	23.36	22.76				
40	1	1	16-QAM	25.13	25.33	25.36	26.2	0.4169		
40	1	1	64-QAM	23.94	23.83	23.63				
40	1	1	256-QAM	21.61	22.03	21.65				
Limit	EIRP < 2W			Result			Pass			

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	26.52	26.63	26.50	27.47	0.5585		
50	1	131		26.35	26.53	26.35				
50	64	32		26.47	26.50	26.48				
50	1	0		23.05	23.06	22.99				
50	1	132		22.88	22.96	22.82				
50	128	0		25.95	26.04	25.99				
50	1	1	QPSK	26.56	26.50	26.57			26.42	0.4385
50	1	131		26.30	26.49	26.39				
50	64	32		26.48	26.49	26.49				
50	1	0		23.05	23.03	23.08				
50	1	132		22.88	22.95	22.89				
50	128	0		23.45	23.48	23.46				
50	1	1	16-QAM	25.56	25.44	25.58	26.42	0.4385		
50	1	1	64-QAM	24.04	24.08	23.93				
50	1	1	256-QAM	21.94	22.02	21.97				
Limit	EIRP < 2W			Result			Pass			



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	26.55	26.54	26.60	27.44	0.5546		
60	1	160		26.30	26.52	26.30				
60	81	40		26.35	26.47	26.33				
60	1	0		23.00	23.04	23.06				
60	1	161		22.80	23.03	22.73				
60	162	0		25.83	26.02	25.89				
60	1	1	QPSK	26.54	26.55	26.55			26.42	0.4385
60	1	160		26.30	26.49	26.31				
60	81	40		26.32	26.47	26.37				
60	1	0		23.05	23.07	23.06				
60	1	161		22.84	23.05	22.79				
60	162	0		23.31	23.52	23.36				
60	1	1	16-QAM	25.55	25.58	25.58	26.42	0.4385		
60	1	1	64-QAM	24.03	23.97	24.00				
60	1	1	256-QAM	22.00	22.09	22.03				
Limit	EIRP < 2W			Result			Pass			

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	26.32	26.36	26.41	27.25	0.5309		
70	1	187		26.23	26.22	25.85				
70	90	45		26.08	26.13	26.00				
70	1	0		22.93	22.74	22.92				
70	1	188		22.84	22.67	22.45				
70	180	0		25.72	25.70	25.52				
70	1	1	QPSK	26.36	26.28	26.36			26.32	0.4285
70	1	187		26.27	26.13	25.88				
70	90	45		26.18	26.11	26.04				
70	1	0		22.91	22.74	22.91				
70	1	188		22.76	22.65	22.38				
70	180	0		24.20	24.15	24.03				
70	1	1	16-QAM	25.45	25.20	25.48	26.32	0.4285		
70	1	1	64-QAM	23.91	23.90	23.82				
70	1	1	256-QAM	21.82	21.80	21.85				
Limit	EIRP < 2W			Result			Pass			



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	26.71	26.57	26.62	27.56	0.5702		
80	1	215		26.48	26.53	26.28				
80	108	54		26.36	26.53	26.39				
80	1	0		23.18	23.09	23.03				
80	1	216		22.97	22.97	22.80				
80	216	0		25.86	26.00	25.91				
80	1	1	QPSK	26.72	26.63	26.68			26.67	0.4645
80	1	215		26.47	26.53	26.35				
80	108	54		26.36	26.49	26.35				
80	1	0		23.22	23.14	23.18				
80	1	216		22.96	22.99	22.80				
80	216	0		23.39	23.52	23.44				
80	1	1	16-QAM	25.83	25.68	25.56	26.67	0.4645		
80	1	1	64-QAM	24.18	24.03	24.19				
80	1	1	256-QAM	22.14	21.87	22.00				
Limit	EIRP < 2W			Result			Pass			

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 0.84 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	26.70	26.62	26.63	27.59	0.5741		
90	1	243		26.50	26.51	26.35				
90	120	60		26.45	26.52	26.46				
90	1	0		23.15	23.15	23.05				
90	1	244		23.01	22.99	22.86				
90	240	0		25.93	26.02	25.99				
90	1	1	QPSK	26.75	26.62	26.70			26.56	0.4529
90	1	243		26.51	26.53	26.37				
90	120	60		26.44	26.51	26.49				
90	1	0		23.18	23.18	23.30				
90	1	244		22.96	23.01	22.84				
90	240	0		23.43	23.52	23.50				
90	1	1	16-QAM	25.72	25.61	25.61	26.56	0.4529		
90	1	1	64-QAM	24.23	24.25	24.08				
90	1	1	256-QAM	22.29	22.15	22.23				
Limit	EIRP < 2W			Result			Pass			



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = 0.84 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	26.38	26.31	26.31	27.37	0.5458
100	1	271		26.22	26.31	26.18		
100	135	67		26.36	26.45	26.53		
100	1	0		22.84	22.79	22.85		
100	1	272		22.66	22.76	22.61		
100	270	0		25.79	26.02	26.05		
100	1	1	QPSK	26.35	26.32	26.35	26.24	0.4207
100	1	271		26.30	26.28	26.19		
100	135	67		26.37	26.49	26.44		
100	1	0		22.87	22.81	22.78		
100	1	272		22.77	22.81	22.64		
100	270	0		23.35	23.54	23.55		
100	1	1	16-QAM	25.37	25.22	25.40	26.24	0.4207
100	1	1	64-QAM	23.92	23.69	24.07		
100	1	1	256-QAM	21.92	21.79	21.68		
Limit	EIRP < 2W			Result			Pass	



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NR n2 Maximum Average Power [dBm] (GT - LC = -1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.54	24.65	24.59	22.82	0.1914
5	1	23		24.62	24.71	24.75		
5	12	6		24.57	24.65	24.65		
5	1	0		24.04	24.18	24.14		
5	1	24		24.14	24.19	24.23		
5	25	0		24.07	24.27	24.15		
5	1	1	QPSK	24.46	24.65	24.65		
5	1	23		24.57	24.65	24.72		
5	12	6		24.56	24.65	24.66		
5	1	0		23.54	23.67	23.65		
5	1	24		23.57	23.75	23.78		
5	25	0		22.06	22.15	22.18		
5	1	1	16-QAM	23.49	23.68	23.86	21.93	0.1560
5	1	1	64-QAM	21.98	22.15	22.27		
5	1	1	256-QAM	18.12	18.07	18.12		
Limit	EIRP < 2W			Result			Pass	

NR n2 Maximum Average Power [dBm] (GT - LC = -1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.53	24.65	24.51	22.81	0.1910
10	1	50		24.48	24.72	24.70		
10	25	12		24.72	24.64	24.64		
10	1	0		24.04	24.24	24.03		
10	1	51		24.06	24.21	24.26		
10	50	0		24.15	24.15	24.17		
10	1	1	QPSK	24.62	24.65	24.55		
10	1	50		24.51	24.69	24.74		
10	25	12		24.69	24.65	24.68		
10	1	0		23.59	23.67	23.69		
10	1	51		23.51	23.74	23.75		
10	50	0		22.21	22.18	22.12		
10	1	1	16-QAM	23.64	23.65	23.65	21.72	0.1486
10	1	1	64-QAM	22.12	22.35	22.09		
10	1	1	256-QAM	18.13	18.15	18.14		
Limit	EIRP < 2W			Result			Pass	



NR n2 Maximum Average Power [dBm] (GT - LC = -1.93 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.59	24.69	24.65	22.81	0.1910		
15	1	77		24.74	24.71	24.65				
15	36	18		24.72	24.67	24.51				
15	1	0		24.13	24.19	24.16				
15	1	78		24.31	24.20	24.26				
15	75	0		24.19	24.18	24.03				
15	1	1	QPSK	24.59	24.65	24.61			21.76	0.1500
15	1	77		24.72	24.72	24.63				
15	36	18		24.71	24.65	24.46				
15	1	0		23.65	23.78	23.64				
15	1	78		23.72	23.75	23.65				
15	75	0		22.24	22.21	22.24				
15	1	1	16-QAM	23.55	23.65	23.69	21.76	0.1500		
15	1	1	64-QAM	22.15	22.21	22.26				
15	1	1	256-QAM	18.15	18.31	18.18				
Limit	EIRP < 2W			Result			Pass			

NR n2 Maximum Average Power [dBm] (GT - LC = -1.93 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	24.51	24.65	24.72	22.83	0.1919		
20	1	104		24.67	24.65	24.68				
20	50	25		24.21	24.72	24.57				
20	1	0		24.17	24.26	24.29				
20	1	105		24.21	24.21	24.19				
20	100	0		24.02	24.24	24.21				
20	1	1	QPSK	24.51	24.69	24.76			21.93	0.1560
20	1	104		24.72	24.62	24.68				
20	50	25		24.51	24.62	24.52				
20	1	0		23.65	23.69	23.69				
20	1	105		23.72	23.68	23.75				
20	100	0		22.03	22.19	22.14				
20	1	1	16-QAM	23.69	23.65	23.86	21.93	0.1560		
20	1	1	64-QAM	22.13	22.07	22.26				
20	1	1	256-QAM	18.13	18.27	18.14				
Limit	EIRP < 2W			Result			Pass			



NR n5 Maximum Average Power [dBm] (GT - LC = -5.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.62	24.72	24.18	17.23	0.0528
5	1	23		24.60	24.76	24.67		
5	12	6		24.63	24.64	24.68		
5	1	0		24.12	24.29	24.36		
5	1	24		24.16	24.21	24.21		
5	25	0		24.11	24.18	24.18		
5	1	1	QPSK	24.65	24.78	24.76		
5	1	23		24.64	24.65	24.64		
5	12	6		24.60	24.66	24.62		
5	1	0		23.61	23.70	23.88		
5	1	24		23.60	23.67	23.70		
5	25	0		23.62	23.62	23.70		
5	1	1	16-QAM	23.64	23.84	23.84	16.29	0.0426
5	1	1	64-QAM	22.18	22.08	22.24		
5	1	1	256-QAM	20.13	20.21	20.34		
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -5.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	24.62	24.75	24.68	17.37	0.0546
10	1	50		24.88	24.71	24.62		
10	25	12		24.62	24.76	24.92		
10	1	0		24.09	24.24	24.06		
10	1	51		24.32	24.18	24.13		
10	50	0		24.07	24.19	24.42		
10	1	1	QPSK	24.57	24.73	24.58		
10	1	50		24.81	24.76	24.54		
10	25	12		24.63	24.76	24.92		
10	1	0		23.64	23.76	23.62		
10	1	51		23.87	23.65	23.62		
10	50	0		23.61	23.69	23.98		
10	1	1	16-QAM	23.57	23.66	23.65	16.11	0.0408
10	1	1	64-QAM	22.15	22.45	22.24		
10	1	1	256-QAM	20.15	20.32	20.15		
Limit	ERP < 7W			Result			Pass	



NR n5 Maximum Average Power [dBm] (GT - LC = -5.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	24.58	24.60	24.70	17.48	0.056
15	1	77		24.69	24.99	24.65		
15	36	18		24.58	24.67	24.65		
15	1	0		24.02	24.13	24.21		
15	1	78		24.16	24.47	24.13		
15	75	0		24.12	24.17	24.16		
15	1	1	QPSK	24.57	24.62	24.75		
15	1	77		24.63	25.03	24.59		
15	36	18		24.62	24.69	24.64		
15	1	0		23.56	23.47	23.64		
15	1	78		23.64	24.03	23.62		
15	75	0		23.63	23.67	23.65		
15	1	1	16-QAM	23.51	23.72	23.76	16.21	0.0418
15	1	1	64-QAM	22.01	22.04	22.21		
15	1	1	256-QAM	20.21	20.01	20.24		
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -5.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	24.52	24.62	24.57	17.41	0.0551
20	1	104		24.96	24.64	24.30		
20	50	25		24.77	24.69	24.63		
20	1	0		24.02	24.08	24.07		
20	1	105		24.48	24.17	24.12		
20	100	0		24.33	24.18	24.13		
20	1	1	QPSK	24.46	24.65	24.60		
20	1	104		24.94	24.57	24.68		
20	50	25		24.78	24.68	24.69		
20	1	0		23.49	23.54	23.56		
20	1	105		23.96	23.75	23.64		
20	100	0		23.78	23.69	23.75		
20	1	1	16-QAM	23.64	23.54	23.62	16.09	0.0406
20	1	1	64-QAM	22.06	22.25	22.15		
20	1	1	256-QAM	19.95	20.05	20.12		
Limit	ERP < 7W			Result			Pass	



NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.54	24.23	24.27	23.95	0.2483
5	1	23		24.25	24.22	24.61		
5	12	6		24.29	24.15	24.51		
5	1	0		23.98	23.76	23.79		
5	1	24		24.06	23.74	24.07		
5	25	0		23.98	23.67	24.02		
5	1	1	QPSK	24.42	24.27	24.25		
5	1	23		24.51	24.21	24.56		
5	12	6		24.51	24.19	24.54		
5	1	0		23.52	23.33	23.35		
5	1	24		23.56	23.24	23.65		
5	25	0		23.35	23.24	23.54		
5	1	1	16-QAM	23.34	23.32	23.35	22.69	0.1858
5	1	1	64-QAM	22.19	21.87	22.15		
5	1	1	256-QAM	20.01	19.75	19.85		
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.45	24.38	24.35	23.91	0.246
10	1	50		24.32	24.26	24.57		
10	25	12		24.38	24.12	24.21		
10	1	0		23.85	23.98	23.98		
10	1	51		23.86	23.68	23.95		
10	50	0		23.98	23.65	23.75		
10	1	1	QPSK	24.35	24.35	24.26		
10	1	50		24.18	24.13	24.08		
10	25	12		24.43	24.15	24.26		
10	1	0		23.40	23.45	23.33		
10	1	51		23.29	23.28	23.54		
10	50	0		23.47	23.24	23.19		
10	1	1	16-QAM	23.34	23.34	23.54	22.88	0.1941
10	1	1	64-QAM	21.85	21.87	22.09		
10	1	1	256-QAM	19.70	20.01	19.98		
Limit	EIRP < 2W			Result			Pass	



NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
15	1	1	PI/2 BPSK	24.38	24.39	24.51	24.02	0.2523		
15	1	77		24.47	24.25	24.65				
15	36	18		24.50	24.24	24.35				
15	1	0		23.97	23.95	23.98				
15	1	78		23.96	23.83	24.13				
15	75	0		24.02	23.65	23.98				
15	1	1	QPSK	24.41	24.42	24.42			22.83	0.1919
15	1	77		24.45	24.29	24.68				
15	36	18		24.46	24.18	24.34				
15	1	0		23.51	23.37	23.54				
15	1	78		23.54	23.25	23.67				
15	75	0		23.54	23.24	23.45				
15	1	1	16-QAM	23.45	23.42	23.49	22.83	0.1919		
15	1	1	64-QAM	21.94	21.83	22.06				
15	1	1	256-QAM	19.75	19.86	19.95				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	24.42	24.24	24.41	23.98	0.2500		
20	1	104		24.45	24.32	24.64				
20	50	25		24.47	24.15	24.45				
20	1	0		23.95	23.95	23.89				
20	1	105		23.98	23.81	24.10				
20	100	0		23.97	23.72	24.02				
20	1	1	QPSK	24.34	24.41	24.35			22.98	0.1986
20	1	104		24.51	24.35	24.57				
20	50	25		24.48	24.19	24.45				
20	1	0		23.51	23.36	23.52				
20	1	105		23.39	23.20	23.57				
20	100	0		23.54	23.29	23.54				
20	1	1	16-QAM	23.54	23.64	23.35	22.98	0.1986		
20	1	1	64-QAM	22.16	22.39	22.05				
20	1	1	256-QAM	19.75	19.70	20.07				
Limit	EIRP < 2W			Result			Pass			



NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	24.42	24.44	24.35	24.16	0.2606		
25	1	131		24.51	24.42	24.57				
25	64	32		24.72	24.17	24.42				
25	1	0		24.05	23.95	23.87				
25	1	132		24.06	23.98	24.03				
25	128	0		24.27	23.65	24.02				
25	1	1	QPSK	24.41	24.51	24.21			23.12	0.2051
25	1	131		24.51	24.38	24.57				
25	64	32		24.82	24.19	24.35				
25	1	0		23.61	23.47	23.47				
25	1	132		23.54	23.24	23.65				
25	128	0		23.87	23.24	23.46				
25	1	1	16-QAM	23.78	23.35	23.24	23.12	0.2051		
25	1	1	64-QAM	21.87	22.01	22.15				
25	1	1	256-QAM	19.98	19.98	19.82				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.35	24.54	24.41	23.88	0.2443		
30	1	158		24.34	24.36	24.53				
30	80	40		24.45	24.18	24.35				
30	1	0		23.98	23.95	23.81				
30	1	159		23.86	23.84	24.03				
30	160	0		23.95	23.69	23.87				
30	1	1	QPSK	24.42	24.35	24.40			22.95	0.1972
30	1	158		24.44	24.28	24.54				
30	80	40		24.45	24.28	24.34				
30	1	0		23.47	23.42	23.35				
30	1	159		23.45	23.41	23.47				
30	160	0		23.47	23.26	23.45				
30	1	1	16-QAM	23.47	23.61	23.54	22.95	0.1972		
30	1	1	64-QAM	22.05	22.11	21.98				
30	1	1	256-QAM	19.78	20.04	19.87				
Limit	EIRP < 2W			Result			Pass			



NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.52	24.53	24.52	24.09	0.2564
40	1	214		24.26	24.37	24.65		
40	108	54		24.35	24.22	24.45		
40	1	0		23.98	23.94	24.03		
40	1	215		23.87	23.79	24.21		
40	216	0		23.86	23.69	24.07		
40	1	1	QPSK	24.36	24.52	24.62		
40	1	214		24.40	24.41	24.75		
40	108	54		24.45	24.15	24.52		
40	1	0		23.48	23.45	23.54		
40	1	215		23.45	23.32	23.71		
40	216	0		23.35	23.16	23.65		
40	1	1	16-QAM	23.65	23.56	23.54	22.99	0.1991
40	1	1	64-QAM	22.01	21.92	21.98		
40	1	1	256-QAM	20.06	20.08	20.14		
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = -0.66 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	24.61	24.74	24.62	24.08	0.2559
50	1	268		24.54	24.47	24.57		
50	135	67		24.42	24.32	24.47		
50	1	0		24.12	24.19	24.01		
50	1	269		23.98	23.96	24.16		
50	270	0		23.95	23.78	23.89		
50	1	1	QPSK	24.52	24.71	24.65		
50	1	268		24.51	24.42	24.73		
50	135	67		24.39	24.29	24.41		
50	1	0		23.65	23.74	23.65		
50	1	269		23.51	23.54	23.68		
50	270	0		23.45	23.25	23.39		
50	1	1	16-QAM	23.54	23.75	23.65	23.09	0.2037
50	1	1	64-QAM	21.95	22.24	22.21		
50	1	1	256-QAM	19.93	20.14	20.14		
Limit	EIRP < 2W			Result			Pass	



NR n12 Maximum Average Power [dBm] (GT - LC = -5.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
5	1	1	PI/2 BPSK	24.24	24.35	24.35	16.74	0.0472		
5	1	23		24.29	24.34	24.24				
5	12	6		24.24	24.45	24.37				
5	1	0		23.81	23.82	23.27				
5	1	24		23.83	23.88	23.34				
5	25	0		23.74	23.96	23.87				
5	1	1	QPSK	24.32	24.35	24.32			15.84	0.0384
5	1	23		24.31	24.35	24.42				
5	12	6		24.23	24.49	24.34				
5	1	0		23.36	23.34	23.85				
5	1	24		23.34	23.42	23.89				
5	25	0		23.25	23.52	23.82				
5	1	1	16-QAM	23.24	23.59	23.24	15.84	0.0384		
5	1	1	64-QAM	21.68	21.84	21.95				
5	1	1	256-QAM	19.85	20.01	19.94				
Limit	ERP < 3W			Result			Pass			

NR n12 Maximum Average Power [dBm] (GT - LC = -5.6 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)		
10	1	1	PI/2 BPSK	24.32	24.34	24.41	16.88	0.0488		
10	1	50		24.32	24.42	24.37				
10	25	12		24.26	24.51	24.30				
10	1	0		23.82	23.81	23.86				
10	1	51		23.81	23.89	23.87				
10	50	0		23.76	24.01	23.81				
10	1	1	QPSK	24.23	24.35	24.43			15.70	0.0372
10	1	50		24.36	24.47	24.34				
10	25	12		24.31	24.63	24.35				
10	1	0		23.31	23.32	23.43				
10	1	51		23.37	23.42	23.37				
10	50	0		23.24	23.54	23.32				
10	1	1	16-QAM	23.45	23.22	23.41	15.70	0.0372		
10	1	1	64-QAM	21.75	21.75	21.85				
10	1	1	256-QAM	19.76	19.92	19.95				
Limit	ERP < 3W			Result			Pass			



NR n12 Maximum Average Power [dBm] (GT - LC = -5.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	24.26	24.25	24.21	16.82	0.0481
15	1	77		24.35	24.38	24.42		
15	36	18		24.38	24.57	24.42		
15	1	0		23.81	23.73	23.77		
15	1	78		23.92	23.87	23.84		
15	75	0		23.95	24.01	23.93		
15	1	1	QPSK	24.21	24.19	24.21		
15	1	77		24.48	24.33	24.42		
15	36	18		24.39	24.49	24.50		
15	1	0		23.26	23.28	23.29		
15	1	78		23.41	23.35	23.42		
15	75	0		23.45	23.54	23.49		
15	1	1	16-QAM	23.17	23.42	23.32	15.67	0.0369
15	1	1	64-QAM	21.83	21.72	21.67		
15	1	1	256-QAM	19.86	19.78	19.75		
Limit	ERP < 3W			Result			Pass	



NR n14 Maximum Average Power [dBm] (GT - LC = 7.37 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.76	24.71	24.75	30.02	1.0046
5	1	23		24.69	24.67	24.74		
5	12	6		24.80	24.65	24.73		
5	1	0		24.24	24.24	24.25		
5	1	24		24.25	24.21	23.24		
5	25	0		24.30	24.19	24.24		
5	1	1	QPSK	24.74	24.73	24.73		
5	1	23		24.67	24.67	24.76		
5	12	6		24.71	24.67	24.74		
5	1	0		23.87	23.74	23.75		
5	1	24		23.76	23.69	23.65		
5	25	0		23.81	23.69	23.84		
5	1	1	16-QAM	23.87	23.64	23.74	29.09	0.8110
5	1	1	64-QAM	22.35	22.24	22.24		
5	1	1	256-QAM	20.34	20.24	20.41		
Limit	ERP < 3W			Result			Pass	

NR n14 Maximum Average Power [dBm] (GT - LC = 7.37 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	-	24.72	-	29.95	0.9886
10	1	50		-	24.71	-		
10	25	12		-	24.68	-		
10	1	0		-	24.19	-		
10	1	51		-	24.16	-		
10	50	0		-	24.18	-		
10	1	1	QPSK	-	24.73	-		
10	1	50		-	24.62	-		
10	25	12		-	24.68	-		
10	1	0		-	23.72	-		
10	1	51		-	23.71	-		
10	50	0		-	23.66	-		
10	1	1	16-QAM	-	23.69	-	28.91	0.7780
10	1	1	64-QAM	-	22.26	-		
10	1	1	256-QAM	-	20.12	-		
Limit	ERP < 3W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = -1.93 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	24.26	24.28	24.25	22.39	0.1734		
5	1	23		24.20	24.31	24.30				
5	12	6		24.19	24.30	24.27				
5	1	0		23.75	23.76	23.75				
5	1	24		23.65	23.81	23.24				
5	25	0		23.72	23.86	23.74				
5	1	1	QPSK	24.26	24.31	24.26			21.41	0.1384
5	1	23		24.15	24.32	24.31				
5	12	6		24.26	24.25	24.28				
5	1	0		23.23	23.38	23.35				
5	1	24		23.18	23.34	23.39				
5	25	0		21.78	21.82	21.98				
5	1	1	16-QAM	23.12	23.34	23.31	21.41	0.1384		
5	1	1	64-QAM	21.75	22.02	21.84				
5	1	1	256-QAM	17.68	17.98	18.08				
Limit	EIRP < 2W			Result			Pass			

NR n25 Maximum Average Power [dBm] (GT - LC = -1.93 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	24.23	24.26	24.21	22.41	0.1742		
10	1	50		24.06	24.25	24.34				
10	25	12		24.25	24.26	24.26				
10	1	0		23.75	23.82	23.74				
10	1	51		23.63	23.73	23.80				
10	50	0		23.76	23.76	23.84				
10	1	1	QPSK	24.34	24.26	24.26			21.39	0.1377
10	1	50		24.10	24.21	24.25				
10	25	12		24.29	24.32	24.31				
10	1	0		23.35	23.34	23.32				
10	1	51		23.12	23.27	23.29				
10	50	0		21.78	21.87	21.83				
10	1	1	16-QAM	23.32	23.19	23.24	21.39	0.1377		
10	1	1	64-QAM	21.88	21.75	21.65				
10	1	1	256-QAM	17.84	17.54	17.74				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = -1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.34	24.26	24.27	22.41	0.1742
15	1	77		24.18	24.21	24.24		
15	36	18		24.26	24.30	24.26		
15	1	0		23.79	23.82	23.84		
15	1	78		23.68	23.75	23.74		
15	75	0		23.70	23.78	23.76		
15	1	1	QPSK	24.27	24.26	24.32		
15	1	77		24.21	24.21	24.23		
15	36	18		24.28	24.30	24.26		
15	1	0		23.28	23.32	23.35		
15	1	78		23.15	23.30	23.24		
15	75	0		21.72	21.80	21.76		
15	1	1	16-QAM	23.24	23.24	23.12	21.31	0.1352
15	1	1	64-QAM	21.75	21.84	21.98		
15	1	1	256-QAM	17.75	17.95	17.83		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.26	24.26	24.32	22.42	0.1746
20	1	104		24.16	24.29	24.32		
20	50	25		24.10	24.26	24.21		
20	1	0		23.74	23.76	23.81		
20	1	105		23.77	23.79	23.92		
20	100	0		23.54	23.82	23.74		
20	1	1	QPSK	24.23	24.21	24.35		
20	1	104		24.20	24.32	24.21		
20	50	25		24.05	24.21	24.25		
20	1	0		23.29	23.09	23.26		
20	1	105		23.27	23.25	23.27		
20	100	0		21.65	21.79	21.87		
20	1	1	16-QAM	23.23	23.19	23.45	21.52	0.1419
20	1	1	64-QAM	21.86	21.95	21.83		
20	1	1	256-QAM	17.82	17.79	17.94		
Limit	EIRP < 2W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = -1.93 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	24.24	24.19	24.28	22.35	0.1718		
25	1	131		24.15	24.21	24.23				
25	64	32		24.12	24.26	24.15				
25	1	0		23.74	23.75	23.77				
25	1	132		23.76	23.75	23.75				
25	128	0		23.57	23.84	23.66				
25	1	1	QPSK	24.13	24.24	24.22			21.42	0.1387
25	1	131		24.21	24.19	23.27				
25	64	32		24.06	24.28	24.16				
25	1	0		23.25	23.27	23.45				
25	1	132		23.24	23.31	23.24				
25	128	0		21.58	21.86	21.75				
25	1	1	16-QAM	23.35	23.24	23.35	21.42	0.1387		
25	1	1	64-QAM	21.75	21.75	21.86				
25	1	1	256-QAM	17.85	17.85	17.89				
Limit	EIRP < 2W			Result			Pass			

NR n25 Maximum Average Power [dBm] (GT - LC = -1.93 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.34	24.26	24.21	22.42	0.1746		
30	1	158		24.28	24.10	24.25				
30	80	40		24.27	24.35	24.21				
30	1	0		23.81	23.84	23.82				
30	1	159		23.76	23.63	23.76				
30	160	0		23.74	23.87	23.80				
30	1	1	QPSK	24.32	24.23	24.26			21.49	0.1409
30	1	158		24.21	24.15	23.32				
30	80	40		24.25	24.30	24.18				
30	1	0		23.33	23.28	23.32				
30	1	159		23.23	23.16	23.34				
30	160	0		21.68	21.84	21.85				
30	1	1	16-QAM	23.25	23.24	23.42	21.49	0.1409		
30	1	1	64-QAM	21.85	21.78	21.95				
30	1	1	256-QAM	17.85	17.87	18.02				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = -1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.21	24.18	24.16	22.50	0.1778
40	1	214		24.26	24.02	24.27		
40	108	54		24.24	24.35	24.32		
40	1	0		23.78	23.64	23.84		
40	1	215		23.74	23.54	23.84		
40	216	0		23.85	23.85	24.01		
40	1	1	QPSK	24.21	24.12	24.12		
40	1	214		24.17	24.02	24.32		
40	108	54		24.32	24.31	24.43		
40	1	0		23.34	23.18	23.27		
40	1	215		23.32	23.06	23.35		
40	216	0		21.65	21.84	22.02		
40	1	1	16-QAM	23.24	22.95	23.24	21.31	0.1352
40	1	1	64-QAM	21.87	21.67	21.85		
40	1	1	256-QAM	17.87	17.75	17.85		
Limit	EIRP < 2W			Result			Pass	



NR n30 Maximum Average Power [dBm] (GT - LC = -2.43 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	22.72	22.77	22.76	21.11	0.1291		
5	1	23		22.63	22.60	22.49				
5	12	6		22.71	22.77	22.54				
5	1	0		22.28	22.36	22.26				
5	1	24		22.19	22.15	21.98				
5	25	0		22.18	22.23	22.07				
5	1	1	QPSK	22.74	22.88	22.74			21.11	0.1291
5	1	23		22.77	22.74	22.52				
5	12	6		22.63	22.73	23.54				
5	1	0		21.64	21.76	21.85				
5	1	24		21.71	21.67	21.57				
5	25	0		21.74	21.78	22.07				
5	1	1	16-QAM	21.87	21.98	21.85	19.55	0.0902		
5	1	1	64-QAM	20.33	20.25	20.21				
5	1	1	256-QAM	18.95	18.44	18.33				
Limit	EIRP < 250 mW/5MHz			Result			Pass			

NR n30 Maximum Average Power [dBm] (GT - LC = -2.43 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	-	22.62	-	20.22	0.1052		
10	1	50		-	22.34	-				
10	25	12		-	22.51	-				
10	1	0		-	22.14	-				
10	1	51		-	21.75	-				
10	50	0		-	22.05	-				
10	1	1	QPSK	-	22.65	-			20.22	0.1052
10	1	50		-	22.32	-				
10	25	12		-	22.49	-				
10	1	0		-	21.57	-				
10	1	51		-	21.26	-				
10	50	0		-	21.54	-				
10	1	1	16-QAM	-	21.78	-	19.35	0.0861		
10	1	1	64-QAM	-	20.24	-				
10	1	1	256-QAM	-	18.10	-				
Limit	EIRP < 250 mW/5MHz			Result			Pass			

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.



NR n38 Maximum Average Power [dBm] (GT - LC = -0.55 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.44	24.46	24.48	23.93	0.2472
10	1	22		24.34	24.44	24.44		
10	12	6		24.37	24.48	24.43		
10	1	0		23.97	23.43	23.96		
10	1	23		23.86	23.44	23.89		
10	24	0		23.90	23.48	23.93		
10	1	1	QPSK	24.45	24.47	24.43		
10	1	22		24.35	24.44	24.38		
10	12	6		24.41	24.46	24.44		
10	1	0		23.47	23.44	23.45		
10	1	23		23.40	23.46	23.41		
10	24	0		23.38	23.47	23.45		
10	1	1	16-QAM	23.50	23.67	23.41	23.12	0.2051
10	1	1	64-QAM	21.95	21.97	22.02		
10	1	1	256-QAM	19.88	19.92	19.93		
Limit	EIRP < 2W			Result			Pass	

NR n38 Maximum Average Power [dBm] (GT - LC = -0.55 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.50	24.49	24.56	24.01	0.2518
15	1	36		24.45	24.47	24.50		
15	18	9		24.45	24.45	24.52		
15	1	0		24.01	24.00	23.98		
15	1	37		24.02	23.96	23.96		
15	36	0		23.98	23.97	24.04		
15	1	1	QPSK	24.52	24.50	24.54		
15	1	36		24.45	24.47	24.51		
15	18	9		24.48	24.48	24.51		
15	1	0		23.51	23.45	23.52		
15	1	37		23.45	23.49	23.53		
15	36	0		23.49	23.48	23.53		
15	1	1	16-QAM	23.62	23.51	23.47	23.07	0.2028
15	1	1	64-QAM	22.11	21.89	22.07		
15	1	1	256-QAM	19.93	20.01	20.02		
Limit	EIRP < 2W			Result			Pass	



NR n38 Maximum Average Power [dBm] (GT - LC = -0.55 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.41	24.50	24.25	23.98	0.2500
20	1	49		24.36	24.53	24.34		
20	25	12		24.38	24.27	24.38		
20	1	0		23.87	23.98	23.82		
20	1	50		23.82	23.82	23.91		
20	50	0		23.86	23.94	23.87		
20	1	1	QPSK	24.35	24.47	24.30	23.98	0.2500
20	1	49		24.34	24.28	24.39		
20	25	12		24.39	24.37	24.35		
20	1	0		23.35	23.53	23.30		
20	1	50		23.30	23.31	23.40		
20	50	0		23.36	23.32	23.32		
20	1	1	16-QAM	23.52	23.35	23.38	22.97	0.1982
20	1	1	64-QAM	22.01	21.83	21.93		
20	1	1	256-QAM	19.87	19.88	19.78		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.13	24.01	24.02	23.69	0.2339
10	1	22		24.01	24.05	24.00		
10	12	6		24.05	24.01	24.01		
10	1	0		23.57	23.47	23.48		
10	1	23		23.51	23.54	23.52		
10	24	0		23.56	23.54	23.50		
10	1	1	QPSK	24.11	23.96	24.00		
10	1	22		24.00	24.02	24.03		
10	12	6		24.08	23.96	24.02		
10	1	0		23.07	22.91	22.94		
10	1	23		23.01	22.98	23.02		
10	24	0		23.11	22.95	23.01		
10	1	1	16-QAM	23.16	22.95	23.05	22.72	0.1871
10	1	1	64-QAM	21.47	21.58	21.64		
10	1	1	256-QAM	19.48	19.50	19.29		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.27	24.03	23.95	23.83	0.2415
15	1	36		24.12	24.02	24.00		
15	18	9		24.19	24.03	24.03		
15	1	0		23.77	23.47	23.49		
15	1	37		23.63	23.50	23.56		
15	36	0		23.76	23.49	23.53		
15	1	1	QPSK	24.27	24.01	24.02		
15	1	36		24.14	24.07	24.08		
15	18	9		24.19	24.11	24.06		
15	1	0		23.30	23.09	22.93		
15	1	37		23.12	23.12	23.04		
15	36	0		23.18	23.07	23.02		
15	1	1	16-QAM	23.15	23.05	23.02	22.71	0.1866
15	1	1	64-QAM	21.74	21.56	21.52		
15	1	1	256-QAM	19.68	19.38	19.35		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -0.44 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	24.22	23.98	24.01	23.80	0.2399		
20	1	49		24.01	24.02	24.10				
20	25	12		24.14	23.99	24.08				
20	1	0		23.74	23.55	23.51				
20	1	50		23.51	24.07	23.59				
20	50	0		23.63	23.57	23.56				
20	1	1	QPSK	24.24	23.98	24.00			22.90	0.1950
20	1	49		24.01	24.04	24.14				
20	25	12		24.15	24.00	24.12				
20	1	0		23.24	23.06	23.04				
20	1	50		23.05	23.16	23.13				
20	50	0		23.14	23.09	23.03				
20	1	1	16-QAM	23.34	23.14	22.92	22.90	0.1950		
20	1	1	64-QAM	21.83	21.68	21.48				
20	1	1	256-QAM	19.70	19.55	19.50				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = -0.44 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.26	24.12	23.95	23.82	0.2410		
30	1	76		23.99	24.15	24.14				
30	36	18		24.11	24.13	24.08				
30	1	0		23.75	23.59	23.50				
30	1	77		23.47	23.68	23.61				
30	75	0		23.61	23.61	23.50				
30	1	1	QPSK	24.19	24.09	23.95			22.80	0.1905
30	1	76		23.98	24.19	24.08				
30	36	18		24.16	24.15	24.07				
30	1	0		23.24	23.10	22.94				
30	1	77		22.95	23.15	23.09				
30	75	0		23.15	23.13	23.03				
30	1	1	16-QAM	23.24	23.18	23.08	22.80	0.1905		
30	1	1	64-QAM	21.89	21.77	21.42				
30	1	1	256-QAM	19.62	19.55	19.35				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.31	24.17	23.96	23.92	0.2466
40	1	104		24.02	24.24	24.12		
40	50	25		24.09	24.14	24.05		
40	1	0		23.84	23.67	23.51		
40	1	105		23.55	23.68	23.65		
40	100	0		23.61	23.64	23.56		
40	1	1	QPSK	24.36	24.12	23.97		
40	1	104		24.07	24.15	24.15		
40	50	25		24.10	24.15	24.05		
40	1	0		23.31	23.14	22.93		
40	1	105		23.07	23.14	23.15		
40	100	0		23.09	23.15	23.07		
40	1	1	16-QAM	23.36	23.29	22.96	22.92	0.1959
40	1	1	64-QAM	21.84	21.73	21.44		
40	1	1	256-QAM	19.64	19.59	19.40		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	24.45	24.22	24.10	24.01	0.2518
50	1	131		24.12	24.24	24.22		
50	64	32		24.09	24.13	24.02		
50	1	0		23.92	23.70	23.57		
50	1	132		23.62	23.73	23.70		
50	128	0		23.62	23.66	23.56		
50	1	1	QPSK	24.41	24.12	24.10		
50	1	131		24.11	24.21	24.17		
50	64	32		24.10	24.15	24.05		
50	1	0		23.34	23.15	23.06		
50	1	132		23.12	23.23	23.17		
50	128	0		23.08	23.16	23.06		
50	1	1	16-QAM	23.39	23.31	23.25	22.95	0.1972
50	1	1	64-QAM	21.84	21.85	21.52		
50	1	1	256-QAM	19.89	19.55	19.53		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -0.44 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	24.45	24.24	24.14	24.01	0.2518		
60	1	160		24.17	24.24	24.28				
60	81	40		24.15	24.13	24.03				
60	1	0		23.91	23.72	23.62				
60	1	161		23.66	23.71	23.78				
60	162	0		23.63	23.69	23.53				
60	1	1	QPSK	24.44	24.26	24.06			22.81	0.1910
60	1	160		24.14	24.20	24.14				
60	81	40		24.11	24.13	24.06				
60	1	0		23.44	23.20	23.04				
60	1	161		23.14	23.20	23.21				
60	162	0		23.16	23.16	23.04				
60	1	1	16-QAM	23.20	23.22	23.25	22.81	0.1910		
60	1	1	64-QAM	21.82	21.74	21.60				
60	1	1	256-QAM	19.85	19.67	19.50				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = -0.44 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	24.49	24.29	24.18	24.05	0.2541		
70	1	187		24.15	24.24	24.31				
70	90	45		24.12	24.07	24.11				
70	1	0		23.96	23.72	23.64				
70	1	188		23.67	23.74	23.85				
70	180	0		23.57	23.64	23.61				
70	1	1	QPSK	24.47	24.22	24.22			23.05	0.2018
70	1	187		24.09	24.29	24.37				
70	90	45		24.13	24.10	24.10				
70	1	0		23.49	23.25	23.15				
70	1	188		23.12	23.28	23.35				
70	180	0		23.04	23.15	23.11				
70	1	1	16-QAM	23.49	23.24	23.31	23.05	0.2018		
70	1	1	64-QAM	21.94	21.83	21.79				
70	1	1	256-QAM	19.90	19.67	19.67				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = -0.44 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	24.58	24.32	24.06	24.14	0.2594		
80	1	215		24.15	24.32	24.15				
80	108	54		24.13	24.15	23.90				
80	1	0		24.05	23.82	23.62				
80	1	216		23.70	23.84	23.80				
80	216	0		23.62	23.61	23.52				
80	1	1	QPSK	24.52	24.34	24.00			23.26	0.2118
80	1	215		24.16	24.30	24.23				
80	108	54		24.12	24.16	23.85				
80	1	0		23.56	23.30	23.15				
80	1	216		23.12	23.32	23.32				
80	216	0		23.13	23.07	23.09				
80	1	1	16-QAM	23.70	23.40	23.21	23.26	0.2118		
80	1	1	64-QAM	21.85	21.80	21.55				
80	1	1	256-QAM	20.00	19.70	19.51				
Limit	EIRP < 2W			Result			Pass			

NR n41 Maximum Average Power [dBm] (GT - LC = -0.44 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	24.67	24.45	24.31	24.23	0.2649		
90	1	243		24.26	24.40	24.41				
90	120	60		24.14	24.17	24.09				
90	1	0		24.15	23.95	23.77				
90	1	244		23.76	23.87	23.92				
90	240	0		23.69	23.71	23.67				
90	1	1	QPSK	24.51	24.42	24.29			23.17	0.2075
90	1	243		24.24	24.38	24.42				
90	120	60		24.11	24.12	24.10				
90	1	0		23.61	23.45	23.26				
90	1	244		23.22	23.40	23.48				
90	240	0		23.22	23.20	23.17				
90	1	1	16-QAM	23.61	23.55	23.30	23.17	0.2075		
90	1	1	64-QAM	22.00	22.08	21.92				
90	1	1	256-QAM	20.12	19.97	19.77				
Limit	EIRP < 2W			Result			Pass			



NR n41 Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	24.36	24.06	23.97	23.92	0.2466
100	1	271		24.21	24.10	24.33		
100	135	67		24.19	23.97	24.13		
100	1	0		23.90	23.63	23.46		
100	1	272		23.67	23.80	23.84		
100	270	0		23.70	23.67	23.71		
100	1	1	QPSK	24.36	23.98	23.93		
100	1	271		24.21	24.16	24.29		
100	135	67		24.17	24.05	24.12		
100	1	0		23.35	23.10	22.95		
100	1	272		23.20	23.25	23.27		
100	270	0		23.21	23.23	23.24		
100	1	1	16-QAM	23.35	23.00	22.83	22.91	0.1954
100	1	1	64-QAM	21.96	21.73	21.44		
100	1	1	256-QAM	19.75	19.83	19.45		
Limit	EIRP < 2W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = -1.78 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
5	1	1	PI/2 BPSK	24.92	24.87	24.69	23.14	0.2061		
5	1	23		24.84	24.75	24.63				
5	12	6		24.86	24.87	24.62				
5	1	0		24.42	24.36	24.16				
5	1	24		24.31	24.24	24.04				
5	25	0		24.35	24.32	24.16				
5	1	1	QPSK	24.85	24.88	24.62			23.14	0.2061
5	1	23		24.74	24.75	24.71				
5	12	6		24.86	24.84	24.65				
5	1	0		23.86	23.92	23.64				
5	1	24		23.76	23.82	23.66				
5	25	0		23.82	23.84	23.69				
5	1	1	16-QAM	23.82	23.76	23.75	22.04	0.1600		
5	1	1	64-QAM	23.24	22.28	22.18				
5	1	1	256-QAM	20.42	20.35	20.11				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = -1.78 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	25.02	24.93	24.75	23.24	0.2109		
10	1	50		24.88	24.69	24.65				
10	25	12		24.96	24.86	24.75				
10	1	0		24.52	24.43	24.23				
10	1	51		24.39	24.13	24.14				
10	50	0		24.42	24.36	24.22				
10	1	1	QPSK	24.98	24.88	24.75			23.24	0.2109
10	1	50		24.82	24.59	24.69				
10	25	12		24.98	24.82	24.66				
10	1	0		24.03	24.01	23.75				
10	1	51		23.89	23.67	23.65				
10	50	0		23.89	23.87	23.74				
10	1	1	16-QAM	24.02	23.98	23.75	22.24	0.1675		
10	1	1	64-QAM	22.52	22.54	22.34				
10	1	1	256-QAM	20.46	20.42	20.35				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = -1.78 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.96	24.95	24.65	23.38	0.2178
15	1	77		24.82	25.12	24.62		
15	36	18		24.94	24.88	24.68		
15	1	0		24.51	24.41	24.14		
15	1	78		24.35	24.81	24.05		
15	75	0		24.39	24.42	24.15		
15	1	1	QPSK	24.95	24.97	24.63		
15	1	77		24.75	25.16	24.56		
15	36	18		24.92	24.90	24.65		
15	1	0		23.92	23.86	24.12		
15	1	78		23.85	24.32	24.07		
15	75	0		23.98	23.86	24.11		
15	1	1	16-QAM	24.02	23.82	23.69	22.24	0.1675
15	1	1	64-QAM	22.54	22.57	22.24		
15	1	1	256-QAM	20.44	20.45	20.19		
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = -1.78 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.95	24.85	24.79	23.41	0.2193
20	1	104		24.74	25.02	24.65		
20	50	25		24.81	24.84	24.63		
20	1	0		24.49	24.41	24.25		
20	1	105		24.24	24.65	24.12		
20	100	0		24.35	24.32	24.18		
20	1	1	QPSK	24.89	24.95	24.65		
20	1	104		24.79	25.19	24.52		
20	50	25		24.85	24.87	24.69		
20	1	0		23.92	23.87	23.75		
20	1	105		23.75	24.08	23.65		
20	100	0		23.87	23.85	23.76		
20	1	1	16-QAM	23.97	23.95	23.75	22.19	0.1656
20	1	1	64-QAM	22.47	22.45	22.24		
20	1	1	256-QAM	20.35	20.45	20.35		
Limit	EIRP < 1W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = -1.78 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	24.87	24.81	24.85	23.13	0.2056		
25	1	131		24.66	24.65	24.65				
25	64	32		24.74	24.84	24.67				
25	1	0		24.39	24.36	24.42				
25	1	132		24.16	24.23	24.13				
25	128	0		24.32	24.30	24.24				
25	1	1	QPSK	24.86	24.83	24.91			22.14	0.1637
25	1	131		24.63	24.65	24.62				
25	64	32		24.71	24.83	24.75				
25	1	0		23.89	23.92	23.95				
25	1	132		23.75	23.72	23.64				
25	128	0		22.83	23.84	23.75				
25	1	1	16-QAM	23.92	23.87	23.81	22.14	0.1637		
25	1	1	64-QAM	22.74	22.24	22.41				
25	1	1	256-QAM	20.47	20.36	20.46				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = -1.78 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.98	24.92	24.98	23.21	0.2094		
30	1	158		24.89	24.64	24.63				
30	80	40		24.81	24.82	24.75				
30	1	0		24.54	24.40	24.42				
30	1	159		24.28	24.12	24.02				
30	160	0		24.25	24.35	24.29				
30	1	1	QPSK	24.96	24.87	24.99			22.23	0.1671
30	1	158		24.86	24.67	24.71				
30	80	40		24.81	24.82	24.74				
30	1	0		24.06	23.95	24.01				
30	1	159		23.79	23.67	23.65				
30	160	0		23.81	23.83	23.79				
30	1	1	16-QAM	24.01	23.81	23.65	22.23	0.1671		
30	1	1	64-QAM	22.72	22.45	22.21				
30	1	1	256-QAM	20.41	20.35	20.16				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = -1.78 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.59	24.57	24.68	22.90	0.1950
40	1	214		24.16	24.31	24.26		
40	108	54		24.52	24.58	24.41		
40	1	0		24.16	24.03	24.11		
40	1	215		23.75	23.78	23.74		
40	216	0		23.96	23.92	23.84		
40	1	1	QPSK	24.61	24.57	24.54		
40	1	214		24.24	24.23	24.24		
40	108	54		24.49	24.54	24.47		
40	1	0		23.57	23.54	23.64		
40	1	215		23.22	23.34	23.23		
40	216	0		23.45	23.48	23.38		
40	1	1	16-QAM	23.62	23.51	23.64	21.86	0.1535
40	1	1	64-QAM	22.16	22.05	22.19		
40	1	1	256-QAM	20.21	20.10	20.13		
Limit	EIRP < 1W			Result			Pass	



NR n71 Maximum Average Power [dBm] (GT - LC = -4.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.31	24.35	24.42	17.83	0.0607
5	1	23		24.42	24.35	24.45		
5	12	6		24.35	24.42	24.47		
5	1	0		23.87	23.87	23.94		
5	1	24		24.01	23.98	24.07		
5	25	0		23.94	23.95	23.98		
5	1	1	QPSK	24.42	24.36	23.45		
5	1	23		24.41	24.42	24.48		
5	12	6		24.42	23.42	24.49		
5	1	0		23.47	23.96	23.54		
5	1	24		23.47	23.95	23.47		
5	25	0		23.41	23.41	23.51		
5	1	1	16-QAM	23.52	23.45	23.41	16.86	0.0485
5	1	1	64-QAM	21.98	22.01	22.05		
5	1	1	256-QAM	19.85	19.86	19.95		
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = -4.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	24.35	24.28	24.42	17.83	0.0607
10	1	50		24.45	24.33	24.41		
10	25	12		24.41	24.35	24.45		
10	1	0		23.95	23.84	23.95		
10	1	51		23.84	23.94	23.98		
10	50	0		23.98	23.85	24.01		
10	1	1	QPSK	24.42	24.21	24.36		
10	1	50		24.30	24.32	24.25		
10	25	12		24.42	24.36	24.49		
10	1	0		23.38	23.34	23.41		
10	1	51		23.45	23.49	23.55		
10	50	0		23.47	23.42	23.54		
10	1	1	16-QAM	23.52	23.24	23.45	16.86	0.0485
10	1	1	64-QAM	22.11	22.04	21.98		
10	1	1	256-QAM	20.15	19.78	20.12		
Limit	ERP < 3W			Result			Pass	



NR n71 Maximum Average Power [dBm] (GT - LC = -4.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	24.31	24.35	24.28	17.80	0.0603
15	1	77		24.27	24.35	24.40		
15	36	18		24.33	24.34	24.42		
15	1	0		23.78	23.86	23.81		
15	1	78		23.87	23.92	23.88		
15	75	0		23.81	23.84	23.92		
15	1	1	QPSK	24.42	24.29	24.35		
15	1	77		24.25	24.41	24.46		
15	36	18		24.27	24.36	24.33		
15	1	0		23.26	23.87	23.38		
15	1	78		23.32	23.92	23.41		
15	75	0		23.36	23.32	23.41		
15	1	1	16-QAM	23.24	23.52	23.42	16.86	0.0485
15	1	1	64-QAM	21.84	21.75	21.85		
15	1	1	256-QAM	19.74	19.87	19.85		
Limit	ERP < 3W			Result			Pass	

NR n71 Maximum Average Power [dBm] (GT - LC = -4.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	24.30	24.32	24.31	17.79	0.0601
20	1	104		24.32	24.35	24.45		
20	50	25		24.33	24.35	24.37		
20	1	0		23.79	23.84	23.79		
20	1	105		23.83	23.99	23.92		
20	100	0		23.85	23.84	23.86		
20	1	1	QPSK	24.21	24.32	24.21		
20	1	104		24.33	24.30	24.42		
20	50	25		24.30	24.29	24.35		
20	1	0		23.25	23.28	23.35		
20	1	105		23.35	23.46	23.51		
20	100	0		23.37	23.34	23.48		
20	1	1	16-QAM	23.24	23.35	23.32	16.69	0.0467
20	1	1	64-QAM	21.85	21.98	21.65		
20	1	1	256-QAM	19.75	19.78	19.82		
Limit	ERP < 3W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	26.17	26.02	25.92	25.78	0.3784
10	1	22		26.09	26.06	25.87		
10	12	6		26.18	26.00	25.94		
10	1	0		22.67	22.46	22.42		
10	1	23		22.65	22.53	22.40		
10	24	0		25.68	25.50	25.41		
10	1	1	QPSK	26.22	25.99	25.96		
10	1	22		26.20	26.05	25.94		
10	12	6		26.15	26.00	25.90		
10	1	0		22.68	22.43	22.39		
10	1	23		22.64	22.53	22.34		
10	24	0		24.16	24.01	23.91		
10	1	1	16-QAM	25.25	25.07	24.96	24.81	0.3027
10	1	1	64-QAM	23.68	23.50	23.42		
10	1	1	256-QAM	21.58	21.50	21.45		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.23	26.01	25.95	25.8	0.3802
15	1	36		26.17	26.04	25.94		
15	18	9		26.20	26.04	25.94		
15	1	0		22.72	22.53	22.50		
15	1	37		22.66	22.58	22.49		
15	36	0		25.70	25.55	25.50		
15	1	1	QPSK	26.24	26.07	25.93		
15	1	36		26.16	26.08	25.92		
15	18	9		26.17	26.05	25.97		
15	1	0		22.70	22.50	22.48		
15	1	37		22.65	22.53	22.45		
15	36	0		24.20	24.04	23.99		
15	1	1	16-QAM	25.12	25.07	24.96	24.68	0.2938
15	1	1	64-QAM	23.82	23.51	23.42		
15	1	1	256-QAM	21.66	21.54	21.37		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	26.31	26.02	26.07	25.87	0.3864
20	1	49		26.10	26.07	26.01		
20	25	12		26.19	26.05	26.05		
20	1	0		22.76	22.53	22.57		
20	1	50		22.57	22.60	22.50		
20	50	0		25.68	25.67	25.55		
20	1	1	QPSK	26.29	26.06	26.10		
20	1	49		26.14	26.07	26.00		
20	25	12		26.18	26.09	26.05		
20	1	0		22.74	22.53	22.51		
20	1	50		22.56	22.54	22.45		
20	50	0		24.17	24.07	24.02		
20	1	1	16-QAM	25.17	25.07	25.19	24.75	0.2985
20	1	1	64-QAM	23.81	23.51	23.59		
20	1	1	256-QAM	21.75	21.62	21.46		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	26.31	26.05	26.13	25.9	0.389
30	1	76		26.12	26.11	26.15		
30	36	18		26.27	26.05	26.15		
30	1	0		22.79	22.56	22.63		
30	1	77		22.59	22.64	22.62		
30	75	0		25.71	25.60	25.63		
30	1	1	QPSK	26.34	26.12	26.15		
30	1	76		26.19	26.15	26.13		
30	36	18		26.26	26.08	26.16		
30	1	0		22.80	22.58	22.63		
30	1	77		22.62	22.62	22.62		
30	75	0		24.22	24.12	24.16		
30	1	1	16-QAM	25.42	25.21	25.12	24.98	0.3148
30	1	1	64-QAM	23.69	23.81	23.77		
30	1	1	256-QAM	21.73	21.71	21.67		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.39	26.18	26.08	25.96	0.3945
40	1	104		26.08	26.20	26.09		
40	50	25		26.17	26.16	26.15		
40	1	0		22.86	22.68	22.62		
40	1	105		22.58	22.67	22.60		
40	100	0		25.67	25.66	25.65		
40	1	1	QPSK	26.40	26.19	26.19		
40	1	104		26.05	26.15	26.09		
40	50	25		26.27	26.15	26.18		
40	1	0		22.81	22.63	22.60		
40	1	105		22.60	22.65	22.62		
40	100	0		24.17	24.14	24.16		
40	1	1	16-QAM	25.32	25.20	25.07	24.88	0.3076
40	1	1	64-QAM	24.00	23.79	23.53		
40	1	1	256-QAM	21.78	21.61	21.53		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.27	26.18	26.16	25.88	0.3873
50	1	131		26.04	26.16	26.16		
50	64	32		26.09	26.12	26.12		
50	1	0		22.83	22.72	22.65		
50	1	132		22.62	22.65	22.69		
50	128	0		25.56	25.64	25.65		
50	1	1	QPSK	26.32	26.18	26.17		
50	1	131		26.13	26.18	26.15		
50	64	32		26.13	26.11	26.15		
50	1	0		22.80	22.65	22.65		
50	1	132		22.70	22.65	22.63		
50	128	0		24.09	24.14	24.15		
50	1	1	16-QAM	25.28	25.20	25.37	24.93	0.3112
50	1	1	64-QAM	23.68	23.89	23.72		
50	1	1	256-QAM	21.81	21.82	21.61		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	26.37	26.19	26.26	25.94	0.3926
60	1	160		26.01	26.12	26.08		
60	81	40		26.13	26.11	26.08		
60	1	0		22.86	22.70	22.74		
60	1	161		22.62	22.64	22.62		
60	162	0		25.51	25.61	25.60		
60	1	1	QPSK	26.38	26.24	26.26		
60	1	160		26.09	26.14	26.09		
60	81	40		26.06	26.07	26.05		
60	1	0		22.82	22.69	22.68		
60	1	161		22.60	22.64	22.60		
60	162	0		24.05	24.09	24.07		
60	1	1	16-QAM	25.43	25.13	25.24	24.99	0.3155
60	1	1	64-QAM	23.91	23.63	23.65		
60	1	1	256-QAM	21.90	21.53	21.78		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	26.37	26.24	26.30	25.93	0.3917
70	1	187		26.01	26.13	26.08		
70	90	45		26.02	26.12	26.04		
70	1	0		22.83	22.75	22.75		
70	1	188		22.52	22.55	22.59		
70	180	0		25.54	25.56	25.56		
70	1	1	QPSK	26.33	26.13	26.28		
70	1	187		26.12	26.06	26.07		
70	90	45		26.11	26.07	26.11		
70	1	0		22.86	22.72	22.68		
70	1	188		22.59	22.62	22.62		
70	180	0		24.10	24.13	24.14		
70	1	1	16-QAM	25.29	25.16	25.37	24.93	0.3112
70	1	1	64-QAM	23.73	23.77	23.77		
70	1	1	256-QAM	21.76	21.73	21.71		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	26.56	26.35	26.45	26.12	0.4093
80	1	215		26.17	26.14	26.12		
80	108	54		26.09	26.13	26.03		
80	1	0		22.98	22.85	22.96		
80	1	216		22.60	22.64	22.66		
80	216	0		25.63	25.56	25.61		
80	1	1	QPSK	26.51	26.26	26.48		
80	1	215		26.19	26.12	26.17		
80	108	54		26.12	26.07	26.11		
80	1	0		23.02	22.82	22.85		
80	1	216		22.58	22.62	22.65		
80	216	0		24.14	24.16	24.15		
80	1	1	16-QAM	25.50	25.29	25.51	25.07	0.3214
80	1	1	64-QAM	23.97	23.79	23.91		
80	1	1	256-QAM	21.83	21.75	21.97		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	26.54	26.43	26.46	26.12	0.4093
90	1	243		26.25	26.30	26.27		
90	120	60		26.20	26.19	26.10		
90	1	0		23.06	22.96	22.92		
90	1	244		22.77	22.75	22.75		
90	240	0		25.68	25.68	25.72		
90	1	1	QPSK	26.56	26.38	26.37		
90	1	243		26.28	26.27	26.24		
90	120	60		26.16	26.18	26.24		
90	1	0		23.10	22.92	22.94		
90	1	244		22.74	22.72	22.74		
90	240	0		24.18	24.19	24.21		
90	1	1	16-QAM	25.62	25.38	25.49	25.18	0.3296
90	1	1	64-QAM	23.94	24.09	23.91		
90	1	1	256-QAM	21.96	21.85	21.85		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	26.26	26.11	26.11	25.82	0.3819
100	1	271		26.01	26.09	26.01		
100	135	67		26.15	26.12	26.01		
100	1	0		22.81	22.56	22.73		
100	1	272		22.66	22.60	22.56		
100	270	0		25.63	25.70	25.73		
100	1	1	QPSK	26.24	26.01	26.15	24.96	0.3133
100	1	271		26.07	26.06	26.06		
100	135	67		26.12	26.11	26.08		
100	1	0		22.80	22.57	22.64		
100	1	272		22.62	22.59	22.59		
100	270	0		24.12	24.19	24.19		
100	1	1	16-QAM	25.40	24.80	25.23	24.96	0.3133
100	1	1	64-QAM	23.91	23.56	23.60		
100	1	1	256-QAM	21.74	21.56	21.51		
Limit	EIRP < 2W			Result			Pass	



<MIMO Mode>

NR n41 Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	24.23	24.42	24.50	23.31	23.24	23.24	26.80	26.88	26.93	27.78	0.5998
10	1	22		24.09	24.43	24.38	23.55	23.25	23.34	26.84	26.89	26.90		
10	12	6		24.23	24.37	24.20	23.30	23.44	23.13	26.80	26.94	26.71		
10	1	0		22.28	22.34	22.34	21.20	21.19	21.16	24.78	24.81	24.80		
10	1	23		22.40	22.48	22.23	21.35	21.27	20.96	24.92	24.93	24.65		
10	24	0		21.89	21.91	21.68	20.93	20.90	20.70	24.45	24.44	24.23		
10	1	1	16-QAM	23.98	24.34	24.33	23.25	23.47	23.40	26.64	26.94	26.90	27.78	0.5998
10	1	1	64-QAM	22.29	22.24	22.07	21.70	21.24	21.37	25.02	24.78	24.74		
10	1	1	256-QAM	19.42	19.58	19.33	18.60	18.48	18.17	22.04	22.08	21.80		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	24.29	24.25	24.33	23.57	23.34	23.35	26.96	26.83	26.88	27.87	0.6124
15	1	36		24.25	24.53	24.45	23.28	23.43	23.36	26.80	27.03	26.95		
15	19	9		24.39	24.44	24.34	23.32	23.33	23.45	26.90	26.93	26.93		
15	1	0		22.28	22.54	22.52	21.62	21.35	21.49	24.97	25.00	25.05		
15	1	37		22.33	22.44	22.34	21.22	21.39	21.07	24.82	24.96	24.76		
15	38	0		21.69	22.04	21.72	20.87	20.89	20.94	24.31	24.51	24.36		
15	1	1	16-QAM	23.96	24.62	24.45	23.65	23.51	23.24	26.82	27.11	26.90	27.95	0.6237
15	1	1	64-QAM	22.17	22.61	22.50	21.50	21.29	21.28	24.86	25.01	24.94		
15	1	1	256-QAM	19.15	19.44	19.49	18.38	18.60	17.92	21.79	22.05	21.79		
Limit	EIRP < 2W			Result									Pass	



NR n41 Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	24.20	24.31	24.72	23.33	23.25	23.39	26.80	26.82	27.12	27.96	0.6252
20	1	49		24.06	24.31	24.54	23.28	23.18	22.98	26.70	26.79	26.84		
20	25	12		24.34	24.57	24.36	23.26	23.37	23.44	26.84	27.02	26.93		
20	1	0		22.37	22.29	22.66	21.54	21.48	21.36	24.99	24.91	25.07		
20	1	50		22.22	22.56	22.38	21.12	21.26	21.10	24.72	24.97	24.80		
20	51	0		22.01	21.95	22.11	20.85	20.71	20.70	24.48	24.38	24.47		
20	1	1	16-QAM	24.11	24.33	24.22	23.61	23.54	23.21	26.88	26.96	26.75	27.8	0.6026
20	1	1	64-QAM	22.47	22.29	22.54	21.43	21.37	21.20	24.99	24.86	24.93		
20	1	1	256-QAM	19.31	19.25	19.17	18.44	18.34	18.53	21.91	21.83	21.87		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	24.21	24.39	24.52	23.41	23.20	23.11	26.84	26.85	26.88	27.82	0.6053
30	1	76		24.32	24.51	24.08	23.15	23.35	23.00	26.78	26.98	26.58		
30	39	19		24.41	24.29	24.37	23.44	23.22	23.30	26.96	26.80	26.88		
30	1	0		22.34	22.31	22.41	21.23	21.37	21.34	24.83	24.88	24.92		
30	1	77		22.56	22.31	22.35	21.48	21.35	20.94	25.06	24.87	24.71		
30	78	0		21.82	21.69	22.05	21.07	20.78	20.63	24.47	24.27	24.41		
30	1	1	16-QAM	24.32	24.62	24.26	23.17	23.11	23.43	26.79	26.94	26.88	27.78	0.5998
30	1	1	64-QAM	22.09	22.17	22.79	21.41	21.24	21.30	24.77	24.74	25.12		
30	1	1	256-QAM	19.02	19.26	19.29	18.53	18.38	18.28	21.79	21.85	21.82		
Limit	EIRP < 2W			Result									Pass	



NR n41 Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	24.19	24.50	24.45	23.36	23.43	23.18	26.81	27.01	26.87	27.97	0.6266
40	1	104		24.31	24.64	24.34	23.28	23.23	23.00	26.84	27.00	26.73		
40	53	26		24.45	24.28	24.73	23.37	23.34	23.42	26.95	26.85	27.13		
40	1	0		22.47	22.38	22.55	21.36	21.32	21.28	24.96	24.89	24.97		
40	1	105		22.29	22.45	22.40	21.09	21.35	21.37	24.74	24.95	24.93		
40	106	0		21.61	22.03	22.16	20.79	20.75	20.82	24.23	24.45	24.55		
40	1	1	16-QAM	24.52	24.35	24.77	23.36	23.57	23.24	26.99	26.99	27.08	27.92	0.6194
40	1	1	64-QAM	22.17	22.44	22.61	21.33	21.23	21.25	24.78	24.89	24.99		
40	1	1	256-QAM	19.39	19.35	19.25	18.34	18.66	18.54	21.91	22.03	21.92		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
50	1	1	QPSK	24.64	24.25	24.62	23.65	23.34	23.53	27.18	26.83	27.12	28.02	0.6339
50	1	131		24.57	24.32	24.46	23.48	23.33	23.38	27.07	26.86	26.96		
50	67	33		24.20	24.49	24.71	23.53	23.28	23.36	26.89	26.94	27.10		
50	1	0		22.38	22.50	22.60	21.40	21.38	21.63	24.93	24.99	25.15		
50	1	132		22.55	22.61	22.65	21.66	21.53	21.17	25.14	25.11	24.98		
50	133	0		22.02	21.85	21.89	20.81	21.03	20.95	24.47	24.47	24.46		
50	1	1	16-QAM	24.31	24.32	24.43	23.43	23.41	23.58	26.90	26.90	27.04	27.88	0.6138
50	1	1	64-QAM	22.44	22.38	22.75	21.41	21.45	21.71	24.97	24.95	25.27		
50	1	1	256-QAM	19.51	19.39	19.69	18.33	18.36	18.55	21.97	21.92	22.17		
Limit	EIRP < 2W			Result									Pass	



NR n41 Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
60	1	1	QPSK	24.74	24.45	24.65	23.33	23.46	23.42	27.10	26.99	27.09	27.94	0.6223
60	1	160		24.32	24.66	24.49	23.13	23.21	23.39	26.78	27.01	26.99		
60	81	40		24.27	24.40	24.53	23.22	23.54	23.28	26.79	27.00	26.96		
60	1	0		22.49	22.56	22.60	21.55	21.46	21.47	25.06	25.06	25.08		
60	1	161		22.51	22.66	22.43	21.23	21.18	21.10	24.93	24.99	24.83		
60	162	0		22.03	22.16	22.07	20.97	20.98	20.91	24.54	24.62	24.54		
60	1	1	16-QAM	24.44	24.70	24.63	23.31	23.42	23.44	26.92	27.12	27.09	27.96	0.6252
60	1	1	64-QAM	22.61	22.38	22.65	21.61	21.38	21.23	25.15	24.92	25.01		
60	1	1	256-QAM	19.59	19.52	19.52	18.66	18.42	18.59	22.16	22.02	22.09		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
70	1	1	QPSK	24.53	24.37	24.61	23.32	23.66	23.39	26.98	27.04	27.05	27.99	0.6295
70	1	187		24.55	24.69	24.50	23.33	23.12	23.27	26.99	26.99	26.94		
70	95	47		24.47	24.54	24.68	23.37	23.58	23.52	26.97	27.10	27.15		
70	1	0		22.48	22.58	22.63	21.63	21.60	21.71	25.09	25.13	25.20		
70	1	188		22.58	22.41	22.62	21.11	21.42	21.30	24.92	24.95	25.02		
70	189	0		21.99	21.88	22.16	20.83	20.98	20.72	24.46	24.46	24.51		
70	1	1	16-QAM	24.62	24.45	24.39	23.60	23.49	23.45	27.15	27.01	26.96	27.99	0.6295
70	1	1	64-QAM	22.71	22.61	23.58	21.64	21.57	21.46	25.22	25.13	25.66		
70	1	1	256-QAM	19.43	19.55	19.69	18.65	18.62	18.70	22.07	22.12	22.23		
Limit	EIRP < 2W			Result									Pass	



NR n41 Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
80	1	1	QPSK	24.75	24.88	24.54	23.47	23.45	23.45	27.17	27.23	27.04	28.07	0.6412
80	1	215		24.62	24.52	24.37	23.08	23.27	23.37	26.93	26.95	26.91		
80	109	54		24.43	24.60	24.75	23.54	23.34	23.60	27.02	27.03	27.22		
80	1	0		22.63	22.63	22.73	21.61	21.29	21.49	25.16	25.02	25.16		
80	1	216		22.71	22.70	22.47	21.11	21.30	21.31	24.99	25.07	24.94		
80	217	0		21.87	22.00	21.91	20.91	20.82	20.74	24.43	24.46	24.37		
80	1	1	16-QAM	24.83	24.52	24.63	23.55	23.50	23.41	27.25	27.05	27.07	28.09	0.6442
80	1	1	64-QAM	22.81	22.51	22.70	21.47	21.86	21.52	25.20	25.21	25.16		
80	1	1	256-QAM	19.49	19.46	19.38	18.96	18.92	18.40	22.24	22.21	21.93		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = 0.84 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 2			Antenna 5			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
90	1	1	QPSK	24.62	24.82	24.80	23.42	23.55	23.81	27.07	27.24	27.34	28.18	0.6577
90	1	243		24.45	24.71	24.30	22.98	23.18	23.20	26.79	27.02	26.80		
90	123	61		24.46	24.52	24.32	23.24	23.29	23.28	26.90	26.96	26.84		
90	1	0		22.59	22.73	22.79	21.89	21.56	21.85	25.26	25.19	25.36		
90	1	244		22.51	22.64	22.36	21.30	21.34	21.36	24.96	25.05	24.90		
90	245	0		21.81	21.92	21.94	20.86	20.93	20.85	24.37	24.46	24.44		
90	1	1	16-QAM	24.54	25.00	25.00	23.75	23.46	23.71	27.17	27.31	27.41	28.25	0.6683
90	1	1	64-QAM	22.46	22.96	22.92	21.67	21.50	21.79	25.09	25.30	25.40		
90	1	1	256-QAM	19.64	19.81	19.88	18.74	19.08	18.47	22.22	22.47	22.24		
Limit	EIRP < 2W			Result									Pass	



NR n41 Maximum Average Power [dBm], DG = 0.84 dBi														
BW	RB	RB	Mod	Antenna 2			Antenna 5			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	QPSK	24.53	24.52	24.27	23.27	23.12	23.15	26.96	26.89	26.76	27.95	0.6237
100	1	271		24.28	24.62	24.38	22.99	23.09	22.80	26.69	26.93	26.67		
100	137	68		24.46	24.66	24.55	23.47	23.46	23.37	27.00	27.11	27.01		
100	1	0		22.51	22.58	22.39	21.48	21.40	21.03	25.04	25.04	24.77		
100	1	272		22.34	22.57	22.61	20.90	21.13	20.92	24.69	24.92	24.86		
100	273	0		22.09	22.25	22.12	20.76	20.85	20.78	24.49	24.62	24.51		
100	1	1	16-QAM	24.50	24.40	24.14	23.12	23.32	22.93	26.87	26.90	26.59	27.74	0.5943
100	1	1	64-QAM	22.50	22.55	22.31	21.44	21.41	21.21	25.01	25.03	24.81		
100	1	1	256-QAM	19.59	19.66	19.24	18.36	18.48	18.49	22.03	22.12	21.89		
Limit	EIRP < 2W			Result									Pass	



NR n41 Maximum Average Power [dBm], DG = -0.44 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
10	1	1	QPSK	24.41	24.54	24.61	23.52	23.57	23.45	27.00	27.09	27.08	26.71	0.4688
10	1	22		24.46	24.62	24.51	23.56	23.59	23.42	27.04	27.15	27.01		
10	12	6		24.46	24.58	24.53	23.62	23.47	23.36	27.07	27.07	26.99		
10	1	0		22.44	22.64	22.52	21.60	21.57	21.44	25.05	25.15	25.02		
10	1	23		22.46	22.62	22.43	21.57	21.52	21.29	25.05	25.12	24.91		
10	24	0		21.98	22.03	22.01	21.12	21.12	20.85	24.58	24.61	24.48		
10	1	1	16-QAM	24.30	24.48	24.46	23.45	23.55	23.66	26.91	27.05	27.09	26.65	0.4624
10	1	1	64-QAM	22.35	22.41	22.46	21.71	21.55	21.44	25.05	25.01	24.99		
10	1	1	256-QAM	19.42	19.75	19.46	18.67	18.65	18.52	22.07	22.25	22.03		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = -0.44 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
15	1	1	QPSK	24.40	24.55	24.61	23.65	23.47	23.66	27.05	27.05	27.17	26.73	0.4710
15	1	36		24.55	24.57	24.51	23.66	23.46	23.47	27.14	27.06	27.03		
15	19	9		24.57	24.56	24.67	23.66	23.37	23.51	27.15	27.02	27.14		
15	1	0		22.61	22.60	22.69	21.63	21.46	21.56	25.16	25.08	25.17		
15	1	37		22.60	22.59	22.59	21.61	21.50	21.42	25.14	25.09	25.05		
15	38	0		22.09	22.06	22.12	21.15	20.96	21.03	24.66	24.56	24.62		
15	1	1	16-QAM	24.33	24.66	24.46	23.67	23.56	23.51	27.02	27.16	27.02	26.72	0.4699
15	1	1	64-QAM	22.55	22.63	22.55	21.72	21.64	21.62	25.17	25.17	25.12		
15	1	1	256-QAM	19.42	19.71	19.50	18.77	18.70	18.32	22.12	22.24	21.96		
Limit	EIRP < 2W			Result									Pass	



NR n41 Maximum Average Power [dBm], DG = -0.44 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
20	1	1	QPSK	24.53	24.58	24.75	23.54	23.46	23.60	27.07	27.07	27.22	26.78	0.4764
20	1	49		24.43	24.66	24.58	23.51	23.55	23.36	27.00	27.15	27.02		
20	25	12		24.52	24.58	24.71	23.49	23.45	23.46	27.05	27.06	27.14		
20	1	0		22.69	22.53	22.69	21.57	21.50	21.44	25.18	25.06	25.12		
20	1	50		22.38	22.58	22.57	21.48	21.47	21.45	24.96	25.07	25.06		
20	51	0		22.02	22.09	22.15	21.03	20.97	20.99	24.56	24.58	24.62		
20	1	1	16-QAM	24.35	24.57	24.61	23.69	23.56	23.57	27.04	27.10	27.13	26.69	0.4667
20	1	1	64-QAM	22.56	22.55	22.69	21.51	21.38	21.51	25.08	25.01	25.15		
20	1	1	256-QAM	19.46	19.55	19.51	18.77	18.61	18.62	22.14	22.12	22.10		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = -0.44 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
30	1	1	QPSK	24.47	24.57	24.66	23.60	23.52	23.50	27.07	27.09	27.13	26.69	0.4667
30	1	76		24.45	24.60	24.47	23.54	23.41	23.27	27.03	27.06	26.92		
30	39	19		24.54	24.50	24.66	23.62	23.47	23.44	27.11	27.03	27.10		
30	1	0		22.56	22.60	22.72	21.60	21.46	21.51	25.12	25.08	25.17		
30	1	77		22.59	22.64	22.47	21.58	21.44	21.28	25.12	25.09	24.93		
30	78	0		22.05	22.07	22.19	21.13	21.06	20.90	24.62	24.60	24.60		
30	1	1	16-QAM	24.47	24.66	24.61	23.55	23.39	23.62	27.04	27.08	27.15	26.71	0.4688
30	1	1	64-QAM	22.38	22.53	22.80	21.50	21.48	21.65	24.97	25.05	25.27		
30	1	1	256-QAM	19.40	19.56	19.56	18.59	18.45	18.61	22.02	22.05	22.12		
Limit	EIRP < 2W			Result									Pass	



NR n41 Maximum Average Power [dBm], DG = -0.44 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
40	1	1	QPSK	24.52	24.61	24.70	23.56	23.50	23.54	27.08	27.10	27.17	26.74	0.4721
40	1	104		24.49	24.72	24.47	23.46	23.51	23.36	27.02	27.17	26.96		
40	53	26		24.48	24.56	24.73	23.54	23.47	23.53	27.05	27.06	27.18		
40	1	0		22.58	22.65	22.86	21.56	21.57	21.54	25.11	25.15	25.26		
40	1	105		22.44	22.57	22.59	21.41	21.54	21.41	24.97	25.10	25.05		
40	106	0		21.96	22.14	22.21	21.04	20.96	20.98	24.53	24.60	24.65		
40	1	1	16-QAM	24.54	24.59	24.86	23.49	23.62	23.52	27.06	27.14	27.25	26.81	0.4797
40	1	1	64-QAM	22.46	22.53	22.68	21.67	21.50	21.57	25.09	25.06	25.17		
40	1	1	256-QAM	19.51	19.45	19.61	18.57	18.77	18.56	22.08	22.13	22.13		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = -0.44 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
50	1	1	QPSK	24.68	24.62	24.83	23.74	23.61	23.62	27.25	27.15	27.28	26.87	0.4864
50	1	131		24.71	24.59	24.75	23.65	23.50	23.49	27.22	27.09	27.18		
50	67	33		24.58	24.63	24.83	23.62	23.55	23.70	27.14	27.13	27.31		
50	1	0		22.61	22.71	22.88	21.75	21.59	21.65	25.21	25.20	25.32		
50	1	132		22.69	22.71	22.77	21.68	21.55	21.56	25.22	25.18	25.22		
50	133	0		22.09	22.15	22.27	21.19	21.09	21.16	24.67	24.66	24.76		
50	1	1	16-QAM	24.48	24.62	24.82	23.76	23.66	23.68	27.15	27.18	27.30	26.86	0.4853
50	1	1	64-QAM	22.68	22.66	22.89	21.76	21.52	21.76	25.25	25.14	25.37		
50	1	1	256-QAM	19.57	19.71	19.84	18.48	18.75	18.61	22.07	22.27	22.28		
Limit	EIRP < 2W			Result									Pass	



NR n41 Maximum Average Power [dBm], DG = -0.44 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
60	1	1	QPSK	24.75	24.82	24.84	23.68	23.62	23.65	27.26	27.27	27.30	26.86	0.4853
60	1	160		24.57	24.77	24.63	23.37	23.50	23.44	27.02	27.19	27.09		
60	81	40		24.55	24.60	24.71	23.58	23.59	23.65	27.10	27.13	27.22		
60	1	0		22.65	22.80	22.83	21.68	21.58	21.48	25.20	25.24	25.22		
60	1	161		22.55	22.73	22.62	21.41	21.52	21.43	25.03	25.18	25.08		
60	162	0		22.09	22.18	22.19	21.10	21.09	21.15	24.63	24.68	24.71		
60	1	1	16-QAM	24.72	24.74	24.73	23.65	23.79	23.71	27.23	27.30	27.26	26.86	0.4853
60	1	1	64-QAM	22.80	22.74	22.74	21.63	21.69	21.62	25.26	25.26	25.23		
60	1	1	256-QAM	19.73	19.75	19.82	18.75	18.77	18.80	22.28	22.30	22.35		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = -0.44 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
70	1	1	QPSK	24.72	24.75	24.86	23.70	23.76	23.75	27.25	27.29	27.35	26.91	0.4909
70	1	187		24.72	24.76	24.63	23.50	23.47	23.34	27.16	27.17	27.04		
70	95	47		24.66	24.64	24.72	23.68	23.59	23.53	27.21	27.16	27.18		
70	1	0		22.86	22.85	22.95	21.73	21.88	21.74	25.34	25.40	25.40		
70	1	188		22.65	22.76	22.63	21.41	21.50	21.32	25.08	25.19	25.03		
70	189	0		22.11	22.14	22.21	21.22	21.14	21.02	24.70	24.68	24.67		
70	1	1	16-QAM	24.69	24.61	24.73	23.70	23.83	23.65	27.23	27.25	27.23	26.81	0.4797
70	1	1	64-QAM	22.74	22.85	23.89	21.81	21.77	21.73	25.31	25.35	25.95		
70	1	1	256-QAM	19.61	19.72	19.87	18.86	18.76	18.90	22.26	22.28	22.42		
Limit	EIRP < 2W			Result									Pass	



NR n41 Maximum Average Power [dBm], DG = -0.44 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
80	1	1	QPSK	25.14	24.93	24.89	23.76	23.76	23.67	27.51	27.39	27.33	27.07	0.5093
80	1	215		24.65	24.80	24.72	23.37	23.43	23.40	27.07	27.18	27.12		
80	109	54		24.60	24.67	24.75	23.63	23.58	23.64	27.15	27.17	27.24		
80	1	0		22.86	22.85	22.97	21.72	21.64	21.70	25.34	25.30	25.39		
80	1	216		22.73	22.81	22.73	21.35	21.54	21.42	25.10	25.23	25.13		
80	217	0		22.09	22.21	22.28	21.09	21.14	21.10	24.63	24.72	24.74		
80	1	1	16-QAM	24.90	24.89	24.98	23.87	23.90	23.70	27.43	27.43	27.40	26.99	0.5000
80	1	1	64-QAM	22.91	22.82	22.97	21.73	21.93	21.77	25.37	25.41	25.42		
80	1	1	256-QAM	19.83	19.81	19.72	19.01	19.22	18.69	22.45	22.54	22.25		
Limit	EIRP < 2W			Result									Pass	

NR n41 Maximum Average Power [dBm], DG = -0.44 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
90	1	1	QPSK	24.91	24.96	24.95	23.81	23.72	23.86	27.41	27.39	27.45	27.01	0.5023
90	1	243		24.82	24.81	24.61	23.33	23.31	23.37	27.15	27.13	27.04		
90	123	61		24.75	24.71	24.70	23.45	23.61	23.47	27.16	27.21	27.14		
90	1	0		22.97	23.03	23.00	21.92	21.86	21.90	25.49	25.49	25.50		
90	1	244		22.80	22.79	22.65	21.52	21.39	21.40	25.22	25.16	25.08		
90	245	0		22.10	22.23	22.27	21.15	21.16	21.05	24.66	24.74	24.71		
90	1	1	16-QAM	24.75	25.04	25.04	23.88	23.64	23.72	27.35	27.41	27.44	27.00	0.5012
90	1	1	64-QAM	22.78	23.07	23.14	21.76	21.74	21.82	25.31	25.47	25.54		
90	1	1	256-QAM	19.95	19.86	20.09	18.91	19.10	18.80	22.47	22.51	22.50		
Limit	EIRP < 2W			Result									Pass	



NR n41 Maximum Average Power [dBm], DG = -0.44 dBi														
BW (MHz)	RB Size	RB Offset	Mod	Antenna 0			Antenna 1			Combine			EIRP (dBm)	EIRP (W)
				Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest		
100	1	1	QPSK	24.55	24.71	24.61	23.43	23.40	23.33	27.04	27.11	27.03	26.78	0.4764
100	1	271		24.49	24.80	24.52	23.25	23.25	23.18	26.92	27.10	26.91		
100	137	68		24.63	24.68	24.75	23.59	23.63	23.60	27.15	27.20	27.22		
100	1	0		22.67	22.68	22.69	21.54	21.40	21.38	25.15	25.10	25.09		
100	1	272		22.55	22.72	22.64	21.24	21.41	21.24	24.95	25.12	25.01		
100	273	0		22.12	22.29	22.36	21.08	21.16	21.11	24.64	24.77	24.79		
100	1	1	16-QAM	24.55	24.79	24.44	23.29	23.58	23.29	26.98	27.24	26.91	26.80	0.4786
100	1	1	64-QAM	22.66	22.74	22.60	21.47	21.46	21.42	25.12	25.16	25.06		
100	1	1	256-QAM	19.63	19.72	19.34	18.76	18.66	18.60	22.23	22.23	22.00		
Limit	EIRP < 2W			Result									Pass	



FR1 n5

Peak-to-Average Ratio

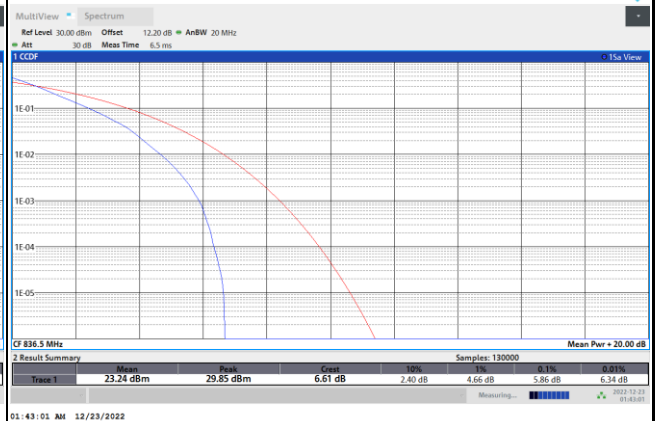
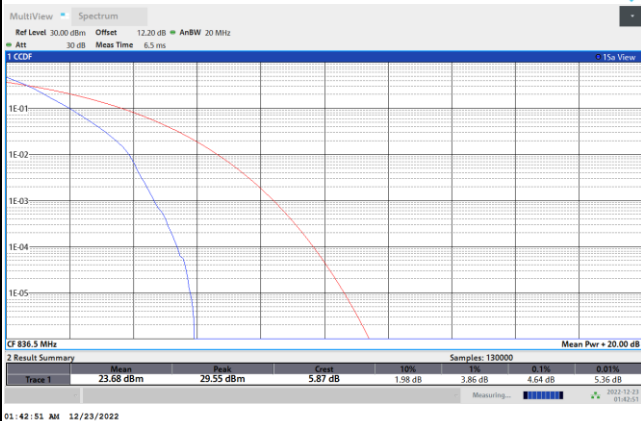
Mode	FR1 n5 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.64	5.86	6.28	6.40	PASS
Mode	FR1 n5 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.60				PASS



FR1 n5 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

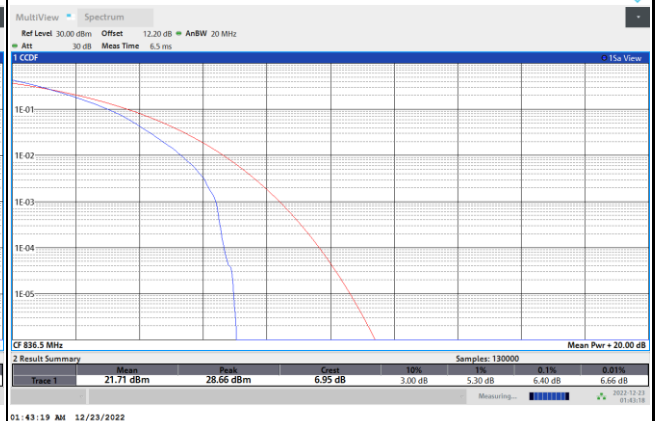
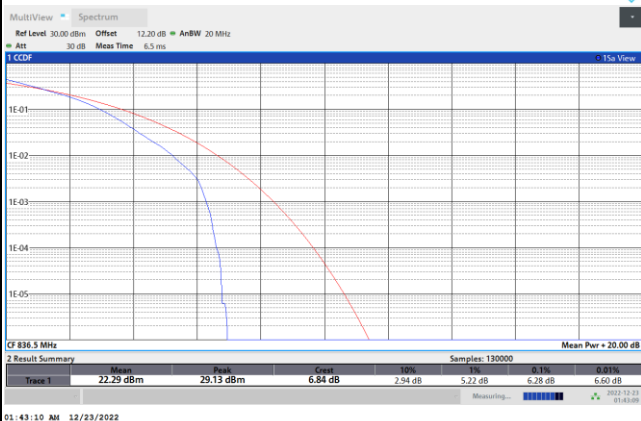
PI/2 BPSK

QPSK

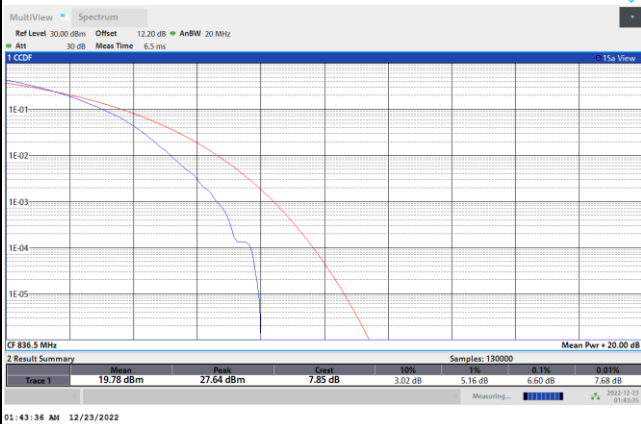


16QAM

64QAM



256QAM





26dB Bandwidth

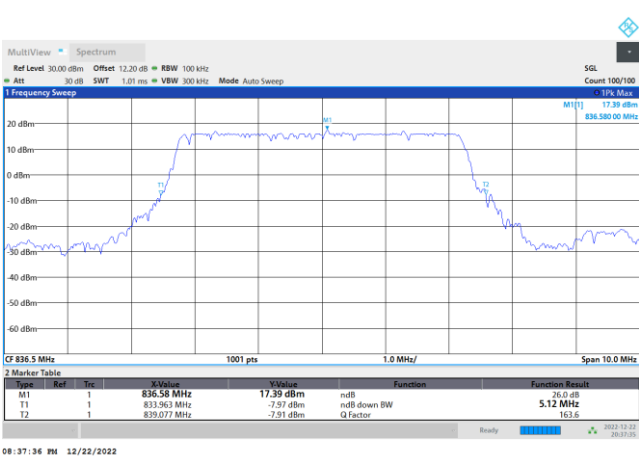
Mode	FR1 n5 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	5.12		9.63		14.45		19.06	

Mode	FR1 n5 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.04	5.19	9.97	10.03	14.96	15.05	20.22	19.98
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	5.04	5.09	10.11	9.87	15.11	15.08	20.10	20.30



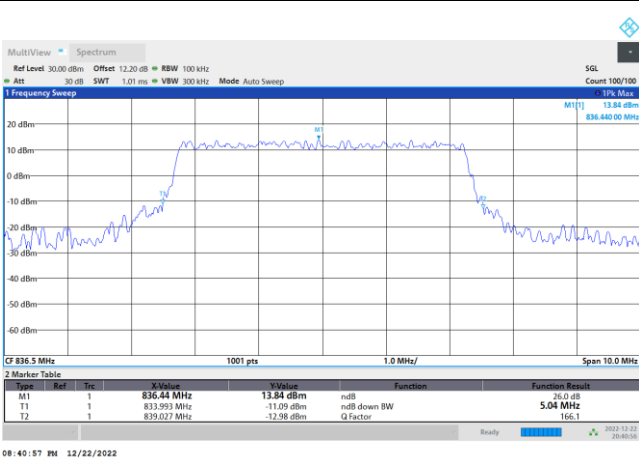
FR1 n5 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

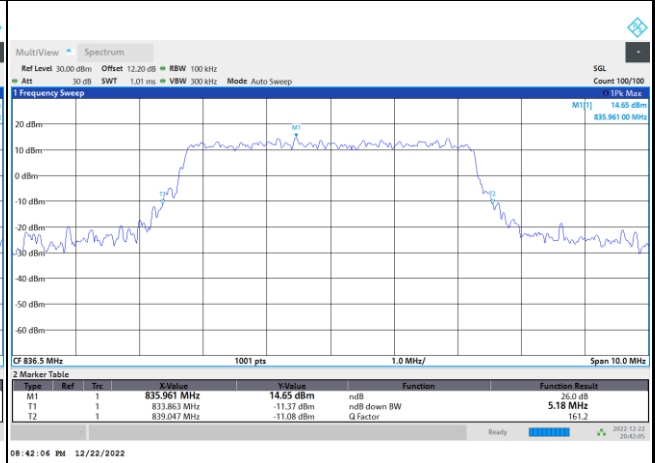


FR1 n5 / 5MHz / CP OFDM / Middle Channel / Full RB

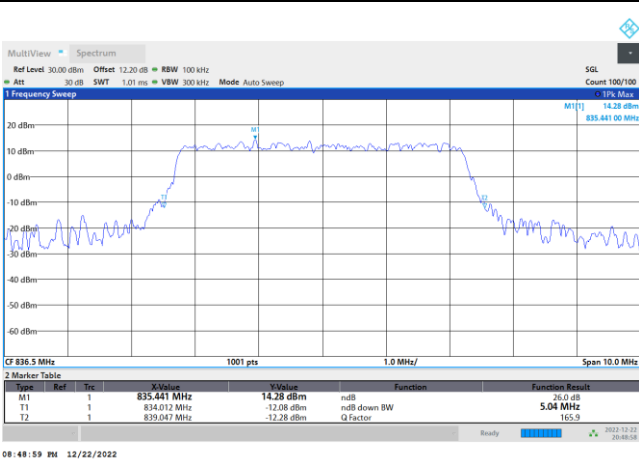
QPSK



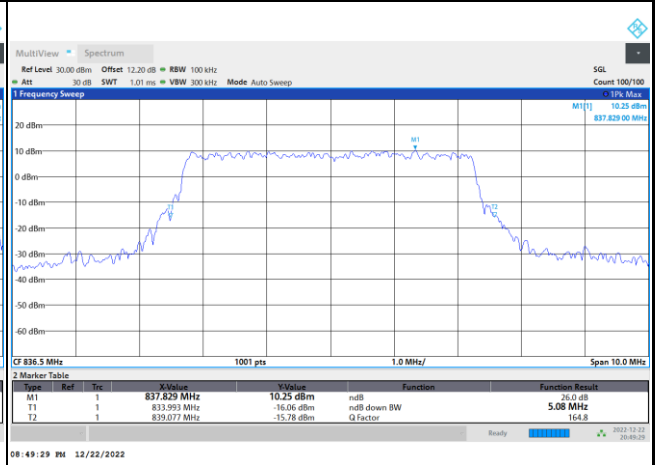
16QAM



64QAM



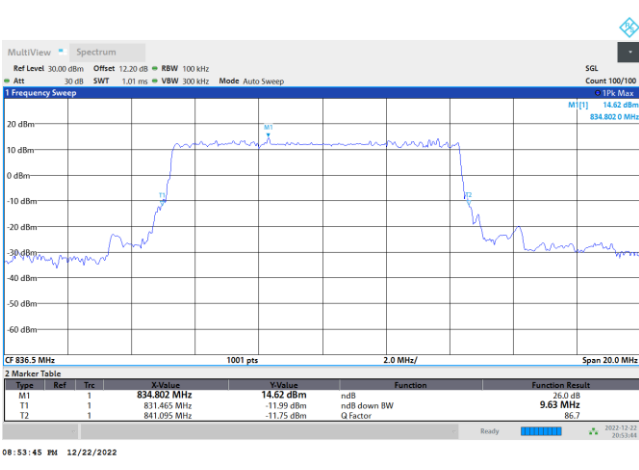
256QAM





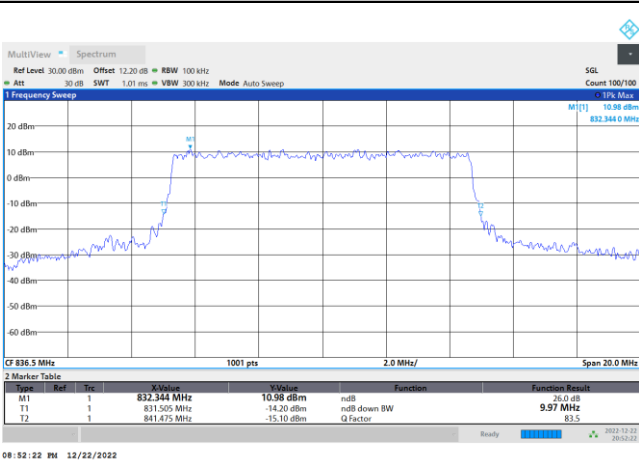
FR1 n5 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

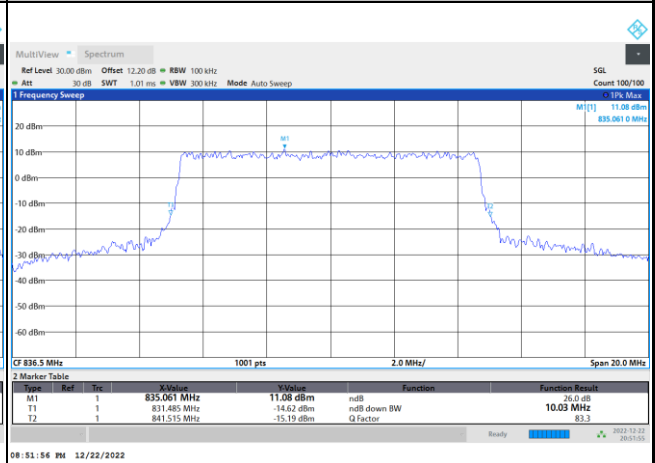


FR1 n5 / 10MHz / CP OFDM / Middle Channel / Full RB

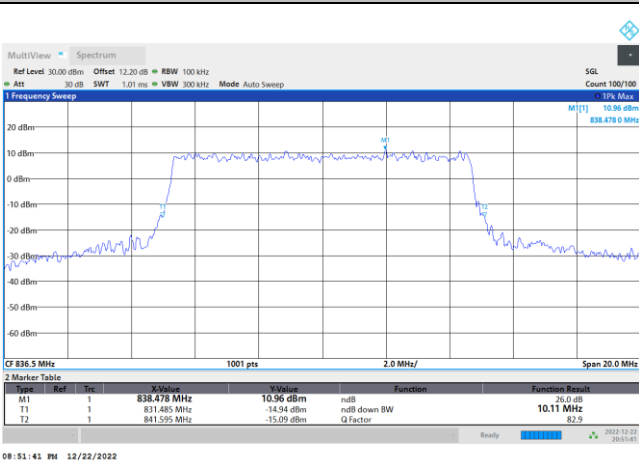
QPSK



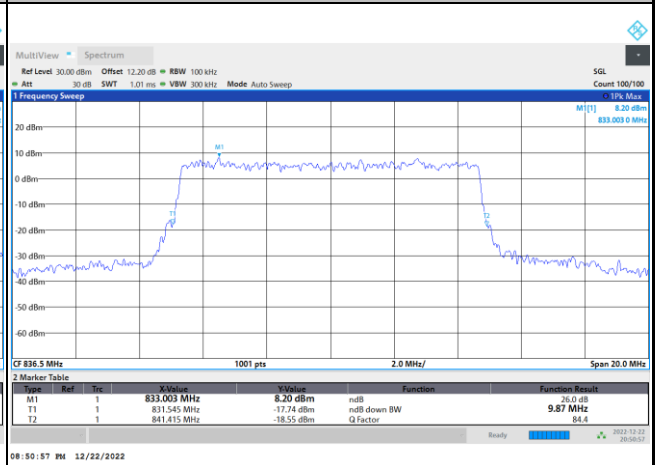
16QAM



64QAM



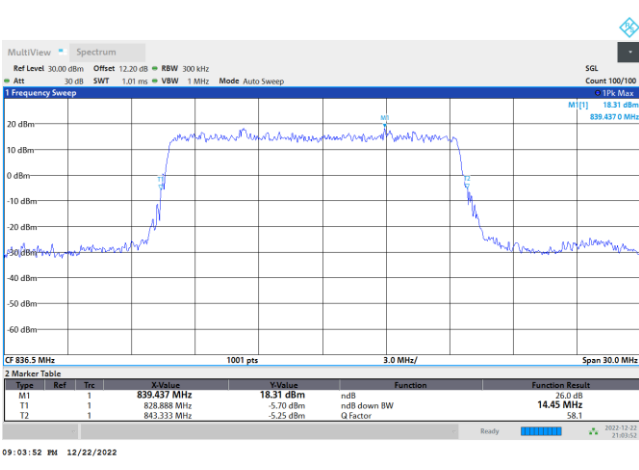
256QAM





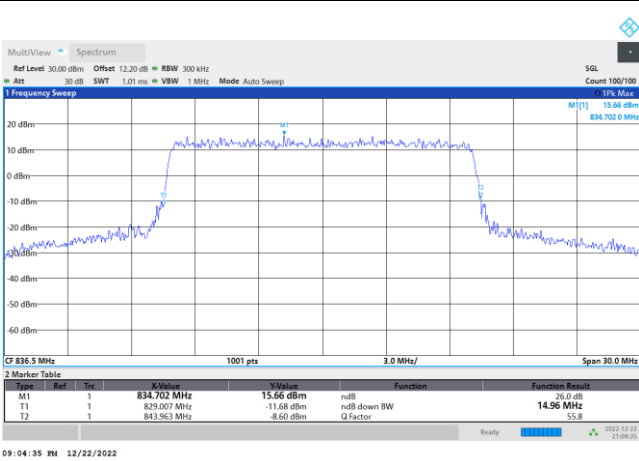
FR1 n5 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

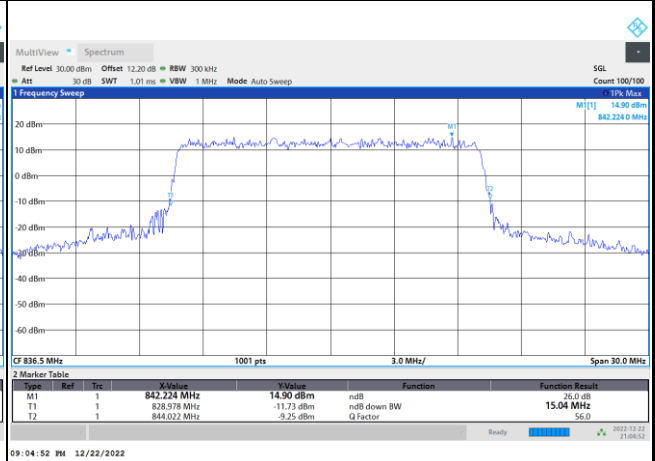


FR1 n5 / 15MHz / CP OFDM / Middle Channel / Full RB

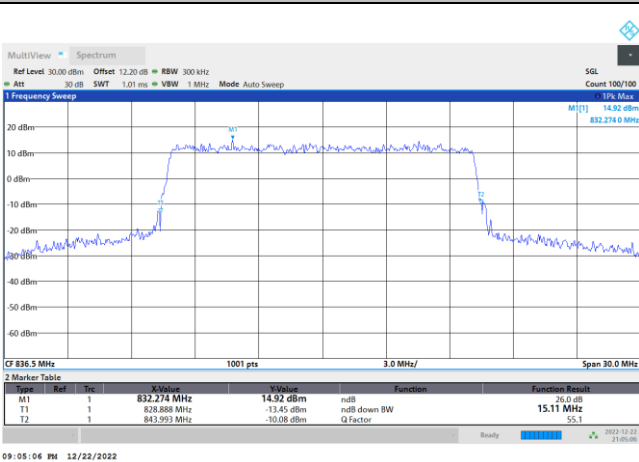
QPSK



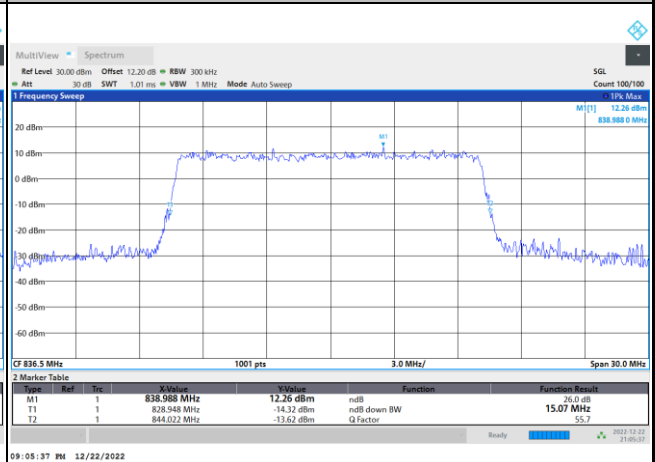
16QAM



64QAM



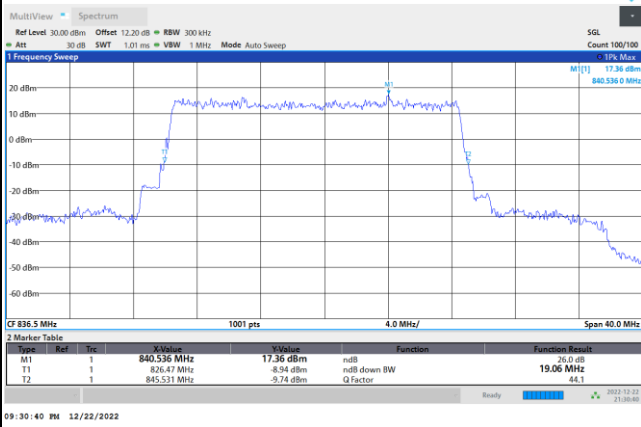
256QAM





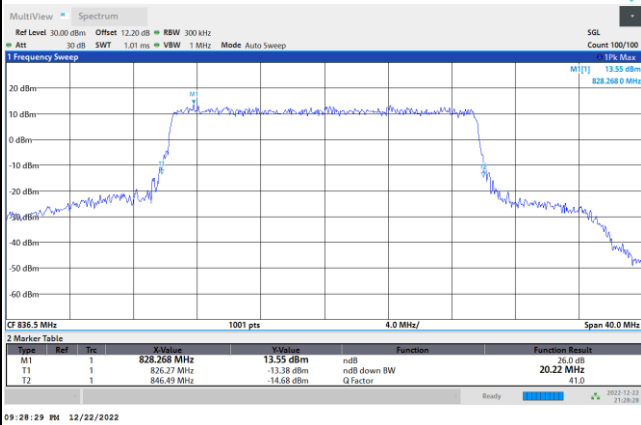
FR1 n5 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

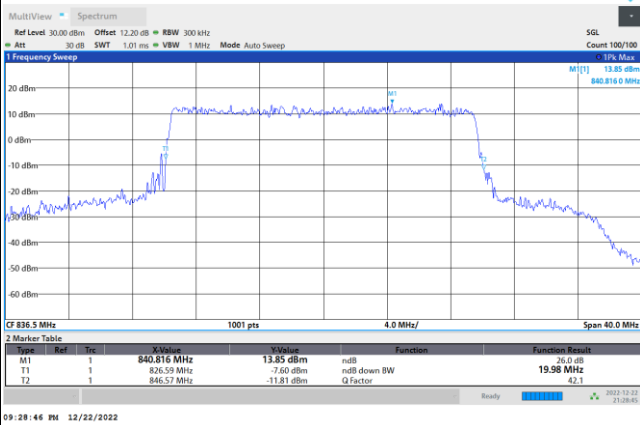


FR1 n5 / 20MHz / CP OFDM / Middle Channel / Full RB

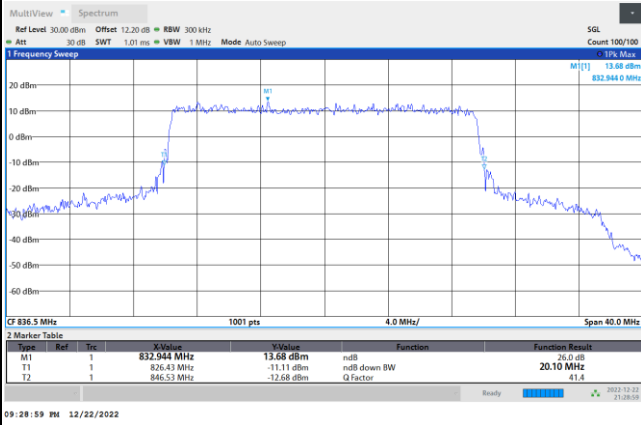
QPSK



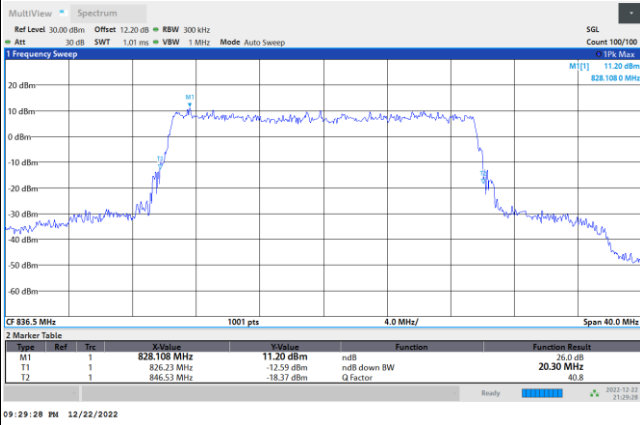
16QAM



64QAM



256QAM





Occupied Bandwidth

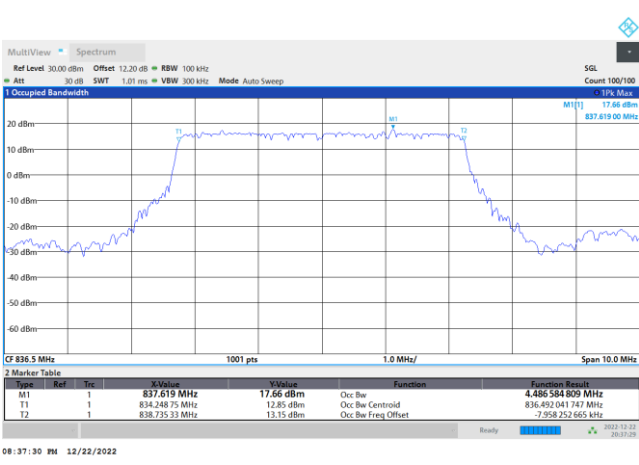
Mode	FR1 n5 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.48		8.93		13.50		17.91	

Mode	FR1 n5 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.53	4.50	9.29	9.30	14.15	14.12	18.93	18.97
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.51	4.51	9.30	9.29	14.16	14.18	18.98	19.03



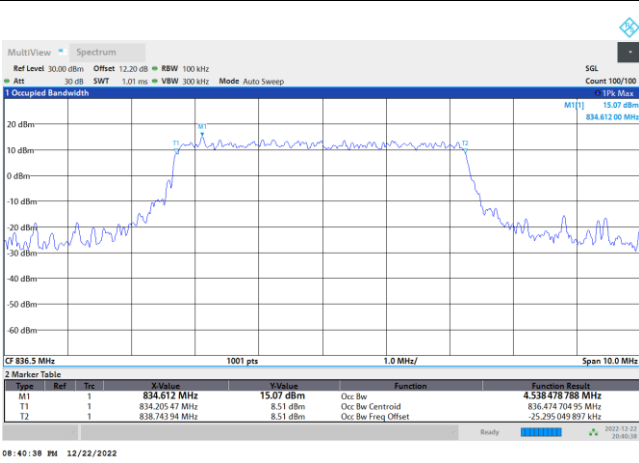
FR1 n5 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

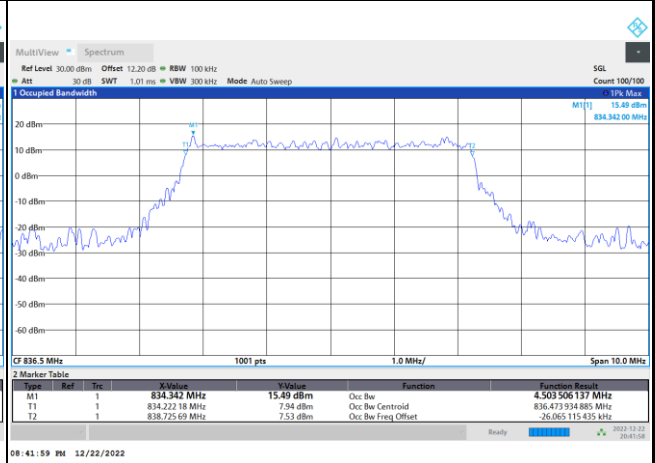


FR1 n5 / 5MHz / CP OFDM / Middle Channel / Full RB

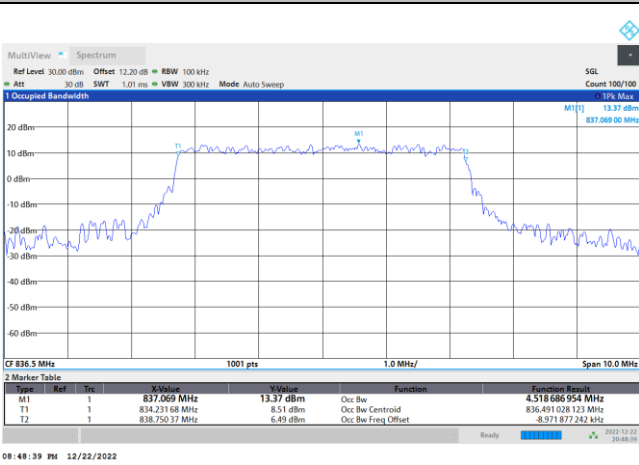
QPSK



16QAM



64QAM



256QAM

