



FCC RADIO TEST REPORT

FCC ID : A4RGHL1X
Equipment : Phone
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27

The product was received on Sep. 14, 2022 and testing was performed from Sep. 30, 2022 to Nov. 08, 2022. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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



Table of Contents

History of this test report..... 3

Summary of Test Result..... 4

1 General Description 6

 1.1 Product Feature of Equipment Under Test..... 6

 1.2 Product Specification of Equipment Under Test..... 7

 1.3 Modification of EUT 9

 1.4 Testing Location 10

 1.5 Applicable Standards..... 10

2 Test Configuration of Equipment Under Test 11

 2.1 Test Mode..... 11

 2.2 Connection Diagram of Test System..... 14

 2.3 Support Unit used in test configuration and system 14

 2.4 Measurement Results Explanation Example..... 14

 2.5 Frequency List of Low/Middle/High Channels 15

3 Conducted Test Items..... 20

 3.1 Measuring Instruments 20

 3.2 Conducted Output Power and ERP/EIRP 21

 3.3 Peak-to-Average Ratio 22

 3.4 Occupied Bandwidth..... 23

 3.5 Conducted Band Edge 24

 3.6 Conducted Spurious Emission 26

 3.7 Frequency Stability 27

4 Radiated Test Items 28

 4.1 Measuring Instruments 28

 4.2 Radiated Spurious Emission Measurement 30

5 List of Measuring Equipment..... 31

6 Uncertainty of Evaluation..... 33

Appendix A. Test Results of Conducted Test

Appendix B. Test Results of Radiated Test

Appendix C. Test Setup Photographs



History of this test report

Report No.	Version	Description	Issue Date
FG241216-02C	01	Initial issue of report	Nov. 29, 2022
FG241216-02C	02	Revise Test Results of Conducted Test	Dec. 15, 2022



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)		
	§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)		
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)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (n7) (n38) (n41)		
3.6	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Conducted Spurious Emission (n2) (n5) (n12) (n25) (n66)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (n7) (n38) (n41)		
3.7	§2.1055 §22.355 §24.235 §27.54	Frequency Stability Temperature & Voltage	Pass	-



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (n2) (n5) (n12) (n25) (n66)	Pass	23.72 dB under the limit at 10368.000 MHz for Primary Antenna
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (n7) (n38) (n41)		23.91 dB under the limit at 10170.000 MHz for ASDIV Antenna

Declaration of Conformity:

1. 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.
2. 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.

Reviewed by: William Chen

Report Producer: Clio Lo



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
FCC ID	A4RGHL1X
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/ NFC/GNSS/WPT Client WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 WLAN 11ax HE20/HE40/HE80 Bluetooth BR/EDR/LE

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

EUT Information List	
S/N	Performed Test Item
28251FQHN00142	Conducted Measurement ERP/EIRP
28261FQHN00052	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 n25: 1852.5 MHz ~ 1912.5 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
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 n25: 1932.5 MHz ~ 1992.5 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
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 n25: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz 5G NR n38: 10MHz / 15MHz / 20MHz 5G NR n41: 10MHz / 15MHz / 20MHz / 30MHz / 40MHz / 50MHz / 60MHz / 80MHz / 90MHz / 100MHz 5G NR n66: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz



Product Specification is subject to this standard	
Maximum Output Power to Antenna	<p><Primary Antenna> <Ant. 0> 5G NR n5 : 25.70 dBm 5G NR n12 : 25.39 dBm <Ant. 2> 5G NR n2 : 24.77 dBm 5G NR n7 : 25.16 dBm 5G NR n25 : 25.05 dBm 5G NR n38 : 25.11 dBm 5G NR n41 : 24.88 dBm 5G NR n41 : 26.31 dBm for HPUE 5G NR n66 : 25.45 dBm <ASDIV Antenna> <Ant. 0> 5G NR n2 : 24.92 dBm 5G NR n7 : 25.01 dBm 5G NR n25 : 24.88 dBm 5G NR n38 : 25.00 dBm 5G NR n41 : 25.00 dBm 5G NR n41 : 26.65 dBm for HPUE 5G NR n66 : 25.20 dBm <Ant. 1> 5G NR n5 : 25.19 dBm 5G NR n12 : 25.20 dBm</p>
Antenna Type	<p><Primary Antenna>: <Ant. 0>: ILA Antenna <Ant. 2>: IFA Antenna <ASDIV Antenna>: <Ant. 0>: ILA Antenna <Ant. 1>: ILA Antenna</p>
Type of Modulation	PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

**<Primary Antenna>**

Radio Tech	Band Number	Antenna name	Gain
5G NR	n2	Ant. 2	-3.8
5G NR	n5	Ant. 0	-5.3
5G NR	n7	Ant. 2	-0.9
5G NR	n12	Ant. 0	-6.0
5G NR	n25	Ant. 2	-3.8
5G NR	n38	Ant. 2	-0.7
5G NR	n41	Ant. 2	-0.7
5G NR	n66	Ant. 2	-4.1

<ASDIV Antenna>

Radio Tech	Band Number	Antenna name	Gain
5G NR	n2	Ant. 0	-2.7
5G NR	n5	Ant. 1	-7.5
5G NR	n7	Ant. 0	-1.7
5G NR	n12	Ant. 1	-10.1
5G NR	n25	Ant. 0	-2.7
5G NR	n38	Ant. 0	-2.4
5G NR	n41	Ant. 0	-1.7
5G NR	n66	Ant. 0	-3.3

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	03CH07-HY
Test Engineer	Sherry Wu	Jesse Wang, Stan Hsieh, Howard Huang and Ken Wu
Temperature (°C)	23.5~25	19~25
Relative Humidity (%)	48~52	58~66

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

FCC Designation No.: TW1190

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
- ♦ 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.

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.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.
 For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and Accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

Test Items	NR Band	Bandwidth (MHz)												Modulation					RB #			Test Channel			
		5	10	15	20	25	30	40	50	60	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H	
Max. Output Power	n2	v	v	v	v	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v	v	
	n5	v	v	v	v	-	-	-	-	-	-	-	-	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	v	v	v	v	
	n12	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v	v	
	n25	v	v	v	v	v	v	v	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v	v	
	n38	-	v	v	v	-	-	-	-	-	-	-	-	v	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	v	v	
	n66	v	v	v	v	v	v	v	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v	v	
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	
	n25				v					-	-	-	-	v	v	v	v	v				v		v	
	n38	Covered by 5G NR n41																							
	n41	-			v	-								v	v	v	v	v				v		v	
	n66				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	
	n25	v	v	v	v	v	v	v	-	-	-	-	-	v	v	v	v	v				v		v	
	n38	Covered by 5G NR n41																							
	n41	-	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	

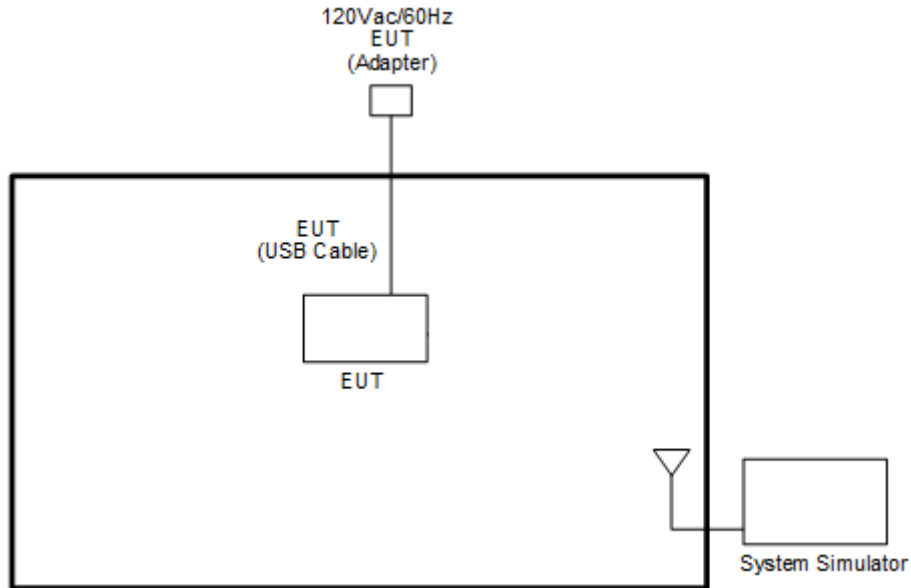


Test Items	NR Band	Bandwidth (MHz)													Modulation					RB #			Test Channel				
		5	10	15	20	25	30	40	50	60	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H			
Conducted Band Edge	n2	Covered by 5G NR n25																									
	n5	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v		v	v		v		
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



Test Items	NR Band	Bandwidth (MHz)												Modulation					RB #			Test Channel			
		5	10	15	20	25	30	40	50	60	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							
	n25	v	v	v	v	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	v	v	v	v	v	v	v							
	n66	v	v	v	v	v	v	v	-	-	-	-	-	v	v	v	v	v							
Radiated Spurious Emission	n2	Covered by 5G NR n25																							
	n5	Worst Case																		v	v	v			
	n7	Worst Case																		v	v	v			
	n12	Worst Case																		v	v	v			
	n25	Worst Case																		v	v	v			
	n38	Covered by 5G NR n41																							
	n41	Worst Case																		v	v	v			
	n66	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 2A-n5A, EN-DC 2A-n12A, EN-DC 12A-n25A, EN-DC 12A-n7A, EN-DC 5A-n41A_HPUE and EN-DC 5A-n66A. All the radiated test cases were performed with Adapter 1 and USB Cable 2. Wider operating range bandwidth covers narrower one when the power is higher or the same. One representative bandwidth is selected to perform PAR and frequency stability. During the preliminary test, both charging modes (Adapter mode and WPT Client mode) were verified. It is determined that the adaptor mode is the worst case for official test. 																								

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	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 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 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
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

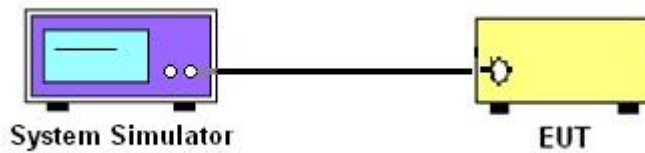
3 Conducted Test Items

3.1 Measuring Instruments

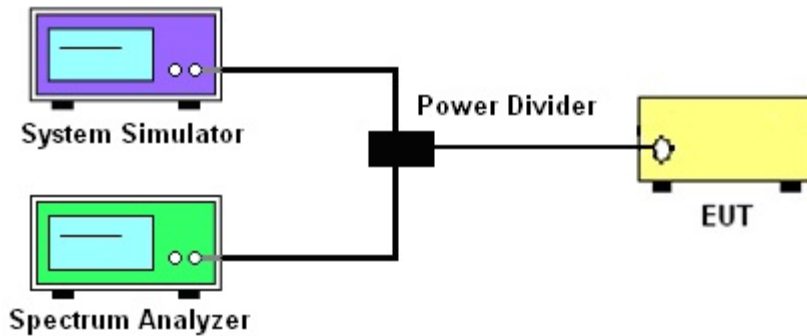
See list of measuring instruments of this test report.

3.1.1 Test Setup

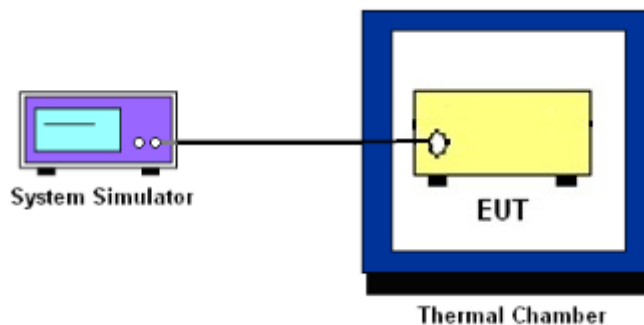
3.1.2 Conducted Output Power



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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and 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

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

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.



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.

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.



3.6 Conducted Spurious Emission

3.6.1 Description of Conducted Spurious Emission Measurement

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

For 5G NR 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.

3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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

For 5G NR n7, n38, n41

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



3.7 Frequency Stability

3.7.1 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.

3.7.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.7.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

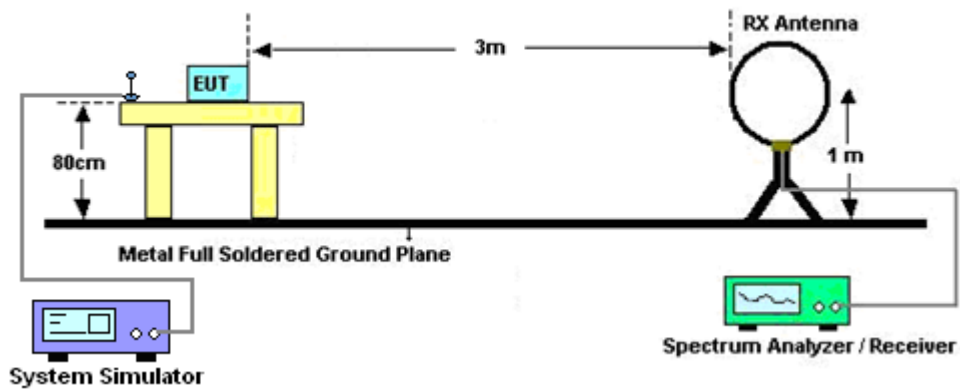
4 Radiated Test Items

4.1 Measuring Instruments

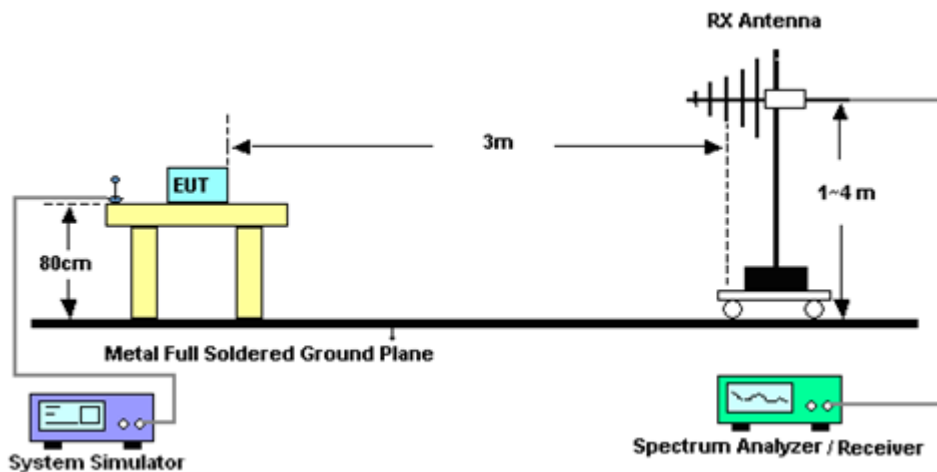
See list of measuring instruments of this test report.

4.1.1 Test Setup

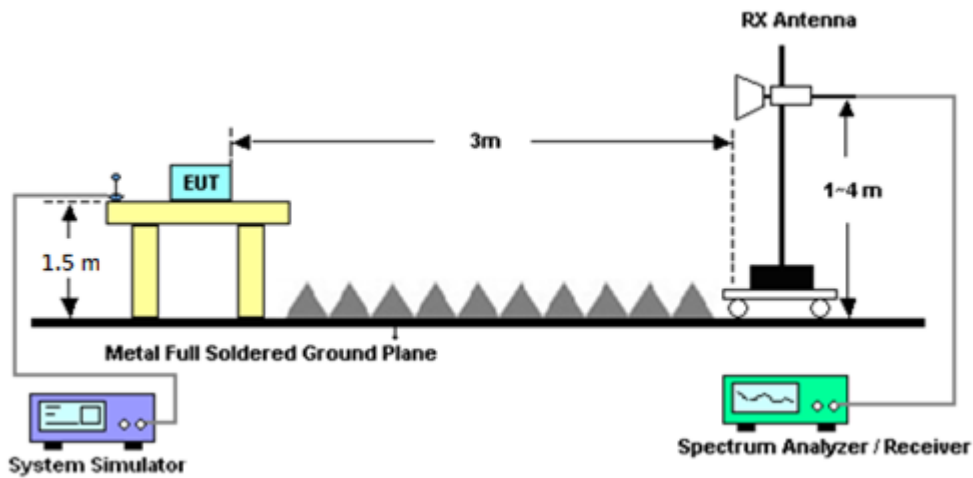
For radiated test below 30MHz



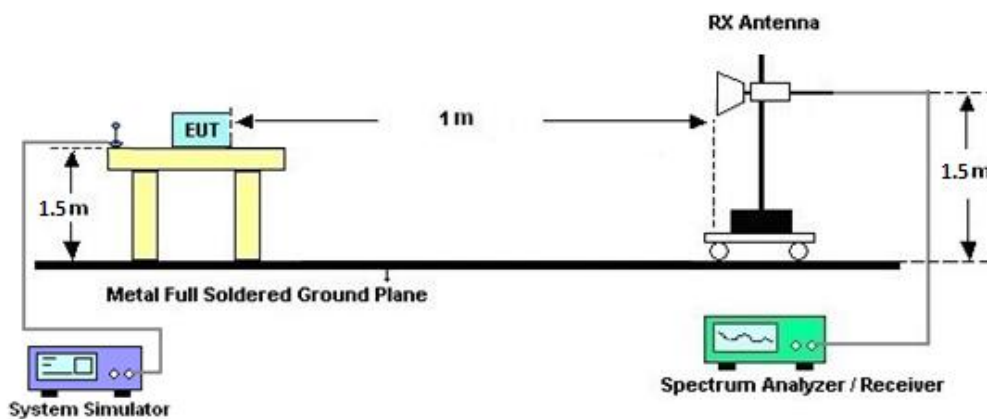
For radiated test from 30MHz to 1GHz



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.

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 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
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	35419 & 03	30MHz~1GHz	Apr. 24, 2022	Sep. 30, 2022~ Oct. 14, 2022	Apr. 23, 2023	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 03, 2021	Sep. 30, 2022~ Oct. 14, 2022	Dec. 02, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 21, 2022	Sep. 30, 2022~ Oct. 14, 2022	Apr. 20, 2023	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 04, 2021	Sep. 30, 2022~ Oct. 02, 2022	Oct. 03, 2022	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 03, 2022	Oct. 03, 2022~ Oct. 14, 2022	Oct. 02, 2023	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 04, 2021	Sep. 30, 2022~ Oct. 02, 2022	Oct. 03, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 03, 2022	Oct. 03, 2022~ Oct. 14, 2022	Oct. 02, 2023	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 21, 2022	Sep. 30, 2022~ Oct. 14, 2022	Jul. 20, 2023	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jul. 22, 2022	Sep. 30, 2022~ Oct. 14, 2022	Jul. 21, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682/4	30MHz to 18GHz	Feb. 23, 2022	Sep. 30, 2022~ Oct. 14, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4	9kHz to 18GHz	Feb. 23, 2022	Sep. 30, 2022~ Oct. 14, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4	9kHz to 18GHz	Feb. 23, 2022	Sep. 30, 2022~ Oct. 14, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 16, 2022	Sep. 30, 2022~ Oct. 14, 2022	Sep. 15, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 23, 2022	Sep. 30, 2022~ Oct. 14, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 14, 2022	Sep. 30, 2022~ Oct. 14, 2022	Apr. 13, 2023	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Sep. 30, 2022~ Oct. 14, 2022	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Sep. 30, 2022~ Oct. 14, 2022	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Sep. 30, 2022~ Oct. 14, 2022	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Sep. 30, 2022~ Oct. 14, 2022	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Sep. 30, 2022~ Oct. 14, 2022	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 07, 2022	Sep. 30, 2022~ Oct. 14, 2022	Mar. 06, 2023	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Nov. 30, 2021	Sep. 30, 2022~ Oct. 14, 2022	Nov. 29, 2022	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	40103 & 07	30MHz~1GHz	Apr. 24, 2022	Sep. 30, 2022~ Oct. 14, 2022	Apr. 23, 2023	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Horn Antenna	ETS-Lindgren	3117	00143261	1GHz~18GHz	Feb. 11, 2022	Sep. 30, 2022~ Oct. 14, 2022	Feb. 10, 2023	Radiation (03CH07-HY)
Signal Generator	Rohde & Schwarz	SMF100A	101107	100kHz~40GHz	Dec. 08, 2021	Sep. 30, 2022~ Oct. 14, 2022	Dec. 07, 2022	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	BBHA917098 0	18GHz~40GHz	Jan. 25, 2022	Sep. 30, 2022~ Oct. 14, 2022	Jan. 24, 2023	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Nov. 08, 2022	Sep. 19, 2023	Radiation (03CH07-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890001	0V~64V ;0A~6A	Sep. 29, 2022	Oct. 03, 2022~ Nov. 08, 2022	Sep. 28, 2023	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	May 05, 2022	Oct. 03, 2022~ Nov. 08, 2022	May 04, 2023	Conducted (TH03-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 07, 2022	Oct. 03, 2022~ Nov. 08, 2022	Sep. 06, 2023	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8821C	6262116730	LTE	Jun. 15, 2022	Oct. 03, 2022~ Nov. 08, 2022	Jun. 14, 2023	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6262134933	FR1	Jun. 13, 2022	Oct. 03, 2022~ Nov. 08, 2022	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% ($U = 2Uc(y)$)	3.25 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.50 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.08 dB
---	---------



Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and ERP/EIRP

<Primary Antenna>

NR n2 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.54	24.63	24.64	20.84	0.1213
5	1	23		24.52	24.63	24.63		
5	12	6		24.61	24.53	24.60		
5	1	0		24.03	24.11	24.11		
5	1	24		24.09	24.10	24.21		
5	25	0		23.96	24.10	24.17		
5	1	1	QPSK	24.52	24.56	24.58		
5	1	23		24.47	24.49	24.60		
5	12	6		24.59	24.57	24.52		
5	1	0		23.05	23.14	23.05		
5	1	24		23.01	23.03	23.16		
5	25	0		22.99	23.02	23.08		
5	1	1	16-QAM	23.56	23.61	23.65	19.85	0.0966
5	1	1	64-QAM	22.08	22.02	22.12		
5	1	1	256-QAM	19.99	20.21	20.11		
Limit	EIRP < 2W			Result			Pass	

NR n2 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.76	24.68	24.65	20.96	0.1247
10	1	50		24.66	24.49	24.69		
10	25	12		24.72	24.55	24.66		
10	1	0		24.18	24.07	24.08		
10	1	51		24.23	23.92	24.16		
10	50	0		24.18	24.02	24.17		
10	1	1	QPSK	24.75	24.63	24.57		
10	1	50		24.67	24.51	24.61		
10	25	12		24.64	24.60	24.63		
10	1	0		23.15	23.06	23.11		
10	1	51		23.24	23.01	23.19		
10	50	0		23.16	23.03	23.07		
10	1	1	16-QAM	23.81	23.53	23.61	20.01	0.1002
10	1	1	64-QAM	22.38	22.14	22.37		
10	1	1	256-QAM	20.11	20.16	20.18		
Limit	EIRP < 2W			Result			Pass	



NR n2 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.66	24.72	24.56	20.95	0.1245
15	1	77		24.75	24.50	24.69		
15	36	18		24.66	24.63	24.52		
15	1	0		24.17	24.26	24.09		
15	1	78		24.23	24.11	24.13		
15	75	0		24.16	24.12	24.05		
15	1	1	QPSK	24.65	24.65	24.55		
15	1	77		24.73	24.51	24.69		
15	36	18		24.72	24.68	24.49		
15	1	0		23.27	23.19	22.97		
15	1	78		23.24	23.05	23.10		
15	75	0		23.09	23.09	23.03		
15	1	1	16-QAM	23.69	23.58	23.71	19.91	0.0979
15	1	1	64-QAM	22.35	22.30	22.18		
15	1	1	256-QAM	20.20	20.39	20.31		
Limit	EIRP < 2W			Result			Pass	

NR n2 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.77	24.71	24.65	20.97	0.1250
20	1	104		24.69	24.55	24.61		
20	50	25		24.72	24.60	24.62		
20	1	0		24.21	24.20	24.06		
20	1	105		24.19	24.03	24.15		
20	100	0		24.21	24.23	23.99		
20	1	1	QPSK	24.69	24.71	24.63		
20	1	104		24.60	24.49	24.57		
20	50	25		24.69	24.66	24.57		
20	1	0		23.24	23.23	23.12		
20	1	105		23.12	23.08	23.15		
20	100	0		23.20	23.08	23.13		
20	1	1	16-QAM	23.69	23.85	23.60	20.05	0.1012
20	1	1	64-QAM	22.39	22.33	22.18		
20	1	1	256-QAM	20.31	20.36	20.11		
Limit	EIRP < 2W			Result			Pass	



NR n5 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	25.52	24.60	24.74	18.07	0.0641
5	1	23		24.66	24.57	24.17		
5	12	6		25.24	24.76	25.51		
5	1	0		25.04	24.10	24.15		
5	1	24		24.05	24.17	23.63		
5	25	0		24.70	24.23	23.90		
5	1	1	QPSK	25.42	24.66	24.63		
5	1	23		24.63	24.59	24.21		
5	12	6		25.26	24.78	24.52		
5	1	0		24.72	23.81	23.81		
5	1	24		23.73	23.78	23.28		
5	25	0		24.37	23.90	23.58		
5	1	1	16-QAM	24.70	23.96	23.92	17.25	0.0531
5	1	1	64-QAM	23.27	22.47	22.41		
5	1	1	256-QAM	20.78	19.78	20.32		
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	25.34	24.53	25.45	18.00	0.0631
10	1	50		24.01	24.26	23.66		
10	25	12		24.81	24.77	24.68		
10	1	0		24.98	24.01	25.01		
10	1	51		23.48	23.72	23.14		
10	50	0		24.37	24.15	24.19		
10	1	1	QPSK	25.39	24.51	25.44		
10	1	50		24.12	24.19	23.64		
10	25	12		24.89	24.81	24.71		
10	1	0		24.70	23.78	24.69		
10	1	51		23.15	23.45	22.87		
10	50	0		24.12	23.91	23.92		
10	1	1	16-QAM	24.70	23.76	24.71	17.26	0.0532
10	1	1	64-QAM	23.25	22.27	23.32		
10	1	1	256-QAM	21.53	19.74	20.71		
Limit	ERP < 7W			Result			Pass	



NR n5 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	24.91	24.38	24.72	17.66	0.0583
15	1	77		23.94	23.54	23.28		
15	36	18		24.47	24.83	25.11		
15	1	0		24.43	23.88	24.08		
15	1	78		23.36	22.92	22.67		
15	75	0		23.95	24.01	24.25		
15	1	1	QPSK	24.90	24.35	24.74		
15	1	77		23.96	23.50	23.29		
15	36	18		24.48	24.85	25.11		
15	1	0		24.01	23.49	23.71		
15	1	78		22.99	22.55	22.28		
15	75	0		23.57	23.67	23.85		
15	1	1	16-QAM	24.04	23.54	23.92	16.59	0.0456
15	1	1	64-QAM	22.63	22.08	22.28		
15	1	1	256-QAM	20.78	19.34	19.21		
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	25.70	25.34	25.20	18.25	0.0668
20	1	104		24.52	23.92	24.13		
20	50	25		24.72	25.04	25.24		
20	1	0		25.31	24.97	24.66		
20	1	105		23.96	23.38	23.56		
20	100	0		24.51	24.47	24.45		
20	1	1	QPSK	25.64	25.38	25.14		
20	1	104		24.41	24.02	24.04		
20	50	25		24.82	25.08	25.27		
20	1	0		24.87	24.56	24.67		
20	1	105		23.43	23.04	23.61		
20	100	0		24.13	24.11	24.10		
20	1	1	16-QAM	24.82	24.52	24.39	17.37	0.0546
20	1	1	64-QAM	23.34	23.15	22.84		
20	1	1	256-QAM	21.06	20.79	20.21		
Limit	ERP < 7W			Result			Pass	



NR n7 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.95	24.79	24.81	24.08	0.2559
5	1	23		24.93	24.87	24.72		
5	12	6		24.95	24.80	24.82		
5	1	0		24.44	24.41	24.31		
5	1	24		24.41	24.31	24.31		
5	25	0		24.43	24.34	24.30		
5	1	1	QPSK	24.98	24.81	24.84		
5	1	23		24.95	24.85	24.69		
5	12	6		24.96	24.83	24.77		
5	1	0		22.91	22.84	22.73		
5	1	24		22.94	22.87	22.80		
5	25	0		22.96	22.79	22.79		
5	1	1	16-QAM	23.83	23.84	23.80	22.94	0.1968
5	1	1	64-QAM	22.54	22.34	22.45		
5	1	1	256-QAM	20.47	20.19	20.40		
Limit	EIRP < 2W			Result			Pass	

NR n7 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	25.01	24.92	24.85	24.11	0.2576
10	1	50		24.89	24.87	24.79		
10	25	12		24.93	24.88	24.80		
10	1	0		24.52	24.43	24.39		
10	1	51		24.49	24.40	24.29		
10	50	0		24.45	24.47	24.29		
10	1	1	QPSK	24.95	24.87	24.76		
10	1	50		24.95	24.87	24.68		
10	25	12		24.90	24.92	24.81		
10	1	0		22.96	22.86	22.90		
10	1	51		22.91	22.86	22.70		
10	50	0		22.91	22.84	22.86		
10	1	1	16-QAM	23.92	23.98	23.97	23.08	0.2032
10	1	1	64-QAM	22.63	22.47	22.41		
10	1	1	256-QAM	20.53	20.39	20.41		
Limit	EIRP < 2W			Result			Pass	



NR n7 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	24.61	24.51	24.50	23.72	0.2355
15	1	77		24.51	24.51	24.40		
15	36	18		24.57	24.45	24.48		
15	1	0		24.11	23.93	24.03		
15	1	78		24.06	23.86	23.90		
15	75	0		24.02	23.91	23.93		
15	1	1	QPSK	24.54	24.52	24.51		
15	1	77		24.53	24.46	24.39		
15	36	18		24.62	24.38	24.51		
15	1	0		22.63	22.36	22.45		
15	1	78		22.54	22.39	22.48		
15	75	0		22.54	22.49	22.43		
15	1	1	16-QAM	23.53	23.56	23.54	22.66	0.1845
15	1	1	64-QAM	22.13	21.93	22.18		
15	1	1	256-QAM	20.06	19.92	20.01		
Limit	EIRP < 2W			Result			Pass	

NR n7 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	24.54	24.43	24.48	23.65	0.2317
20	1	104		24.44	24.43	24.41		
20	50	25		24.22	24.55	24.48		
20	1	0		23.94	24.01	23.97		
20	1	105		24.19	23.92	23.88		
20	100	0		24.01	23.93	23.83		
20	1	1	QPSK	24.52	24.51	24.51		
20	1	104		24.41	24.37	24.34		
20	50	25		24.34	24.51	24.48		
20	1	0		22.41	22.49	22.41		
20	1	105		22.45	22.38	22.41		
20	100	0		22.54	22.45	22.45		
20	1	1	16-QAM	23.51	23.54	23.42	22.64	0.1837
20	1	1	64-QAM	22.06	22.13	21.97		
20	1	1	256-QAM	20.06	19.89	20.01		
Limit	EIRP < 2W			Result			Pass	



NR n7 Maximum Average Power [dBm] (GT - LC = -0.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	24.78	24.51	24.68	23.88	0.2443		
25	1	131		24.56	24.44	24.59				
25	64	32		24.55	24.38	24.76				
25	1	0		24.22	24.03	24.23				
25	1	132		24.08	23.91	24.10				
25	128	0		24.11	23.95	24.15				
25	1	1	QPSK	24.77	24.54	24.73			22.79	0.1901
25	1	131		24.63	24.47	24.53				
25	64	32		24.57	24.51	24.75				
25	1	0		22.63	22.43	22.73				
25	1	132		22.62	22.38	22.59				
25	128	0		22.67	22.42	22.67				
25	1	1	16-QAM	23.69	23.47	23.67	22.79	0.1901		
25	1	1	64-QAM	22.31	22.13	22.32				
25	1	1	256-QAM	20.35	19.95	20.24				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = -0.9 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.98	24.87	24.89	24.16	0.2606		
30	1	158		24.71	24.75	24.60				
30	80	40		24.81	24.79	24.80				
30	1	0		24.49	24.31	24.32				
30	1	159		24.31	24.31	24.15				
30	160	0		24.30	24.32	24.02				
30	1	1	QPSK	25.06	24.79	24.75			23.27	0.2123
30	1	158		24.69	24.79	24.51				
30	80	40		24.73	24.85	24.81				
30	1	0		22.93	22.79	22.71				
30	1	159		22.74	22.72	22.58				
30	160	0		22.73	22.80	22.61				
30	1	1	16-QAM	24.17	23.71	23.87	23.27	0.2123		
30	1	1	64-QAM	22.42	22.51	22.37				
30	1	1	256-QAM	20.61	20.31	20.31				
Limit	EIRP < 2W			Result			Pass			



NR n7 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	25.08	25.01	24.90	24.18	0.2618
40	1	214		24.91	24.82	24.72		
40	108	54		24.70	24.88	24.83		
40	1	0		24.51	24.51	24.39		
40	1	215		24.44	24.39	24.37		
40	216	0		24.35	24.41	24.33		
40	1	1	QPSK	25.02	24.92	24.95		
40	1	214		24.90	24.83	24.69		
40	108	54		24.66	24.88	24.86		
40	1	0		22.96	22.95	22.87		
40	1	215		23.01	22.83	22.73		
40	216	0		22.85	22.91	22.71		
40	1	1	16-QAM	24.14	23.86	23.89	23.24	0.2109
40	1	1	64-QAM	22.43	22.48	22.51		
40	1	1	256-QAM	20.55	20.51	20.41		
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	25.16	25.05	25.01	24.26	0.2667
50	1	268		24.95	24.86	24.76		
50	135	67		24.80	24.88	24.89		
50	1	0		24.67	24.50	24.53		
50	1	269		24.45	24.36	24.33		
50	270	0		24.39	24.15	24.30		
50	1	1	QPSK	25.11	25.01	24.92		
50	1	268		24.92	24.77	24.79		
50	135	67		24.81	24.83	24.91		
50	1	0		23.16	22.94	22.97		
50	1	269		22.90	22.89	22.88		
50	270	0		22.90	22.79	22.83		
50	1	1	16-QAM	24.01	24.06	23.92	23.16	0.2070
50	1	1	64-QAM	22.69	22.71	22.61		
50	1	1	256-QAM	20.56	20.69	20.54		
Limit	EIRP < 2W			Result			Pass	



NR n12 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.54	24.61	25.10	16.95	0.0495
5	1	23		23.72	24.72	24.20		
5	12	6		24.31	24.76	24.86		
5	1	0		23.94	24.14	24.56		
5	1	24		23.11	24.20	23.73		
5	25	0		23.75	24.20	24.32		
5	1	1	QPSK	24.56	24.57	24.94		
5	1	23		23.70	24.74	24.21		
5	12	6		24.31	24.80	24.80		
5	1	0		23.51	23.78	24.10		
5	1	24		22.68	23.75	23.29		
5	25	0		23.32	23.76	23.82		
5	1	1	16-QAM	23.52	23.74	24.12	15.97	0.0395
5	1	1	64-QAM	22.14	22.37	22.62		
5	1	1	256-QAM	19.54	20.21	20.02		
Limit	ERP < 3W			Result			Pass	

NR n12 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	25.15	24.83	24.69	17.00	0.0501
10	1	50		23.96	24.45	24.11		
10	25	12		24.59	24.79	25.02		
10	1	0		24.63	24.30	24.15		
10	1	51		23.41	23.92	23.54		
10	50	0		24.11	24.21	24.33		
10	1	1	QPSK	25.14	24.75	24.66		
10	1	50		23.94	24.46	24.08		
10	25	12		24.61	24.80	25.11		
10	1	0		24.15	23.95	23.71		
10	1	51		22.94	23.52	23.12		
10	50	0		23.71	23.85	23.98		
10	1	1	16-QAM	24.30	24.01	23.84	16.15	0.0412
10	1	1	64-QAM	22.82	22.66	22.36		
10	1	1	256-QAM	19.52	21.07	20.11		
Limit	ERP < 3W			Result			Pass	



NR n12 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	25.37	25.15	25.11	17.24	0.0530
15	1	77		24.15	24.19	24.01		
15	36	18		24.99	24.97	24.98		
15	1	0		24.81	24.75	24.60		
15	1	78		23.61	23.63	23.43		
15	75	0		24.48	24.41	24.32		
15	1	1	QPSK	25.39	25.18	25.04	17.24	0.0530
15	1	77		24.19	24.21	24.06		
15	36	18		24.99	25.02	25.00		
15	1	0		24.41	24.35	24.25		
15	1	78		23.25	23.24	23.07		
15	75	0		24.06	24.06	24.00		
15	1	1	16-QAM	24.67	24.34	24.24	16.52	0.0449
15	1	1	64-QAM	23.04	23.04	22.98		
15	1	1	256-QAM	20.02	20.41	20.56		
Limit	ERP < 3W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.83	24.81	24.88	21.16	0.1306
5	1	23		24.83	24.68	24.96		
5	12	6		24.79	24.70	24.79		
5	1	0		24.23	24.29	24.35		
5	1	24		24.33	24.19	24.42		
5	25	0		24.28	24.24	24.39		
5	1	1	QPSK	24.66	24.53	24.77		
5	1	23		24.76	24.55	24.84		
5	12	6		24.72	24.57	24.72		
5	1	0		22.59	22.67	22.65		
5	1	24		22.71	22.62	22.89		
5	25	0		22.22	22.20	22.34		
5	1	1	16-QAM	23.82	23.75	23.73	20.02	0.1005
5	1	1	64-QAM	22.31	22.20	22.17		
5	1	1	256-QAM	18.26	18.19	18.23		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.92	24.73	24.77	21.14	0.1300
10	1	50		24.92	24.73	24.92		
10	25	12		24.94	24.66	24.85		
10	1	0		24.42	24.34	24.32		
10	1	51		24.45	24.24	24.48		
10	50	0		24.41	24.28	24.42		
10	1	1	QPSK	24.76	24.77	24.61		
10	1	50		24.75	24.56	24.92		
10	25	12		24.72	24.52	24.76		
10	1	0		22.73	22.65	22.59		
10	1	51		22.81	22.55	22.91		
10	50	0		22.34	22.19	22.20		
10	1	1	16-QAM	23.81	23.73	23.65	20.01	0.1002
10	1	1	64-QAM	22.12	22.25	22.34		
10	1	1	256-QAM	18.18	18.36	18.24		
Limit	EIRP < 2W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.88	24.74	24.80	21.10	0.1288
15	1	77		24.83	24.61	24.90		
15	36	18		24.88	24.65	24.78		
15	1	0		24.33	24.22	24.32		
15	1	78		24.25	24.15	24.43		
15	75	0		24.35	24.02	24.30		
15	1	1	QPSK	24.80	24.79	24.85	20.02	0.1005
15	1	77		24.71	24.47	24.75		
15	36	18		24.77	24.56	24.76		
15	1	0		22.75	22.75	22.79		
15	1	78		22.77	22.65	22.80		
15	75	0		22.28	22.19	22.41		
15	1	1	16-QAM	23.82	23.73	23.71	20.02	0.1005
15	1	1	64-QAM	22.47	22.42	22.21		
15	1	1	256-QAM	18.26	18.24	18.31		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.81	24.81	24.81	21.14	0.1300
20	1	104		24.80	24.58	24.94		
20	50	25		24.91	24.67	24.79		
20	1	0		24.29	24.29	24.32		
20	1	105		24.27	24.13	24.51		
20	100	0		24.40	24.20	24.39		
20	1	1	QPSK	24.80	24.76	24.72	19.97	0.0993
20	1	104		24.69	24.51	24.88		
20	50	25		24.81	24.65	24.73		
20	1	0		22.74	22.70	22.67		
20	1	105		22.74	22.58	22.93		
20	100	0		22.31	22.17	22.28		
20	1	1	16-QAM	23.77	23.77	23.67	19.97	0.0993
20	1	1	64-QAM	22.42	22.43	22.34		
20	1	1	256-QAM	18.28	18.34	18.35		
Limit	EIRP < 2W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	24.81	24.84	24.66	21.05	0.1274
25	1	131		24.74	24.57	24.84		
25	64	32		24.85	24.63	24.65		
25	1	0		24.32	24.35	24.26		
25	1	132		24.16	24.11	24.37		
25	128	0		24.33	24.11	24.29		
25	1	1	QPSK	24.69	24.75	24.60	21.05	0.1274
25	1	131		24.62	24.51	24.69		
25	64	32		24.77	24.63	24.55		
25	1	0		22.66	22.72	22.55		
25	1	132		22.76	22.59	22.83		
25	128	0		22.27	22.19	22.14		
25	1	1	16-QAM	23.70	23.90	23.60	20.10	0.1023
25	1	1	64-QAM	22.34	22.34	22.11		
25	1	1	256-QAM	18.24	18.34	18.21		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	24.85	24.90	24.73	21.25	0.1334
30	1	158		24.85	24.55	24.73		
30	80	40		25.05	24.75	24.74		
30	1	0		24.42	24.42	24.14		
30	1	159		24.36	24.10	24.35		
30	160	0		24.41	24.20	24.41		
30	1	1	QPSK	24.79	24.84	24.62	21.25	0.1334
30	1	158		24.53	24.47	24.77		
30	80	40		24.83	24.66	24.58		
30	1	0		22.78	22.77	22.51		
30	1	159		22.58	22.44	24.57		
30	160	0		22.38	22.07	22.18		
30	1	1	16-QAM	23.79	23.86	23.75	20.06	0.1014
30	1	1	64-QAM	22.28	22.51	22.22		
30	1	1	256-QAM	18.29	18.44	18.19		
Limit	EIRP < 2W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.82	24.82	24.80	21.07	0.1279
40	1	214		24.50	24.39	24.84		
40	108	54		24.82	24.71	24.83		
40	1	0		24.32	24.37	24.37		
40	1	215		24.01	24.03	24.42		
40	216	0		24.27	24.25	24.41		
40	1	1	QPSK	24.74	24.84	24.87	21.07	0.1279
40	1	214		24.42	24.40	24.78		
40	108	54		24.80	24.61	24.57		
40	1	0		22.64	22.75	22.67		
40	1	215		22.44	22.40	22.73		
40	216	0		22.23	22.18	22.29		
40	1	1	16-QAM	23.87	23.74	23.68	20.07	0.1016
40	1	1	64-QAM	22.38	22.45	22.22		
40	1	1	256-QAM	18.34	18.30	18.33		
Limit	EIRP < 2W			Result			Pass	



NR n38 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.55	24.59	24.60	24.25	0.2661
10	1	22		23.82	24.79	24.73		
10	12	6		23.97	24.93	24.89		
10	1	0		23.02	24.07	23.09		
10	1	23		23.36	24.28	24.14		
10	24	0		23.38	24.37	24.27		
10	1	1	QPSK	23.58	24.62	24.52		
10	1	22		23.90	24.82	24.72		
10	12	6		23.98	24.95	24.90		
10	1	0		22.47	23.52	23.48		
10	1	23		22.81	23.77	23.61		
10	24	0		22.82	23.84	23.75		
10	1	1	16-QAM	22.61	23.48	23.46	22.78	0.1897
10	1	1	64-QAM	21.25	22.06	21.97		
10	1	1	256-QAM	19.85	20.07	19.82		
Limit	EIRP < 2W			Result			Pass	

NR n38 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.03	24.17	24.15	24.27	0.2673
15	1	36		24.52	24.47	24.33		
15	18	9		24.97	24.94	24.84		
15	1	0		23.56	23.61	23.51		
15	1	37		23.94	23.91	23.71		
15	36	0		24.27	24.29	24.11		
15	1	1	QPSK	24.16	24.20	24.20		
15	1	36		24.55	24.48	24.35		
15	18	9		24.97	24.94	24.86		
15	1	0		23.00	23.07	22.98		
15	1	37		23.40	23.41	23.18		
15	36	0		23.71	23.71	23.58		
15	1	1	16-QAM	23.14	23.20	23.12	22.50	0.1778
15	1	1	64-QAM	21.67	21.73	21.68		
15	1	1	256-QAM	19.52	19.45	19.46		
Limit	EIRP < 2W			Result			Pass	



NR n38 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.75	24.83	24.68	24.41	0.2761
20	1	49		25.11	25.09	24.80		
20	25	12		24.84	24.80	24.85		
20	1	0		24.35	24.33	24.11		
20	1	50		24.71	24.63	24.26		
20	50	0		24.57	24.51	24.21		
20	1	1	QPSK	24.69	24.76	24.75		
20	1	49		25.02	25.10	24.88		
20	25	12		24.86	24.99	24.85		
20	1	0		23.71	23.81	23.65		
20	1	50		24.07	24.08	23.82		
20	50	0		23.91	23.97	23.76		
20	1	1	16-QAM	23.72	23.72	23.67	23.02	0.2004
20	1	1	64-QAM	22.36	22.30	22.34		
20	1	1	256-QAM	20.31	20.11	20.15		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	26.12	26.04	25.98	25.52	0.3565
10	1	22		26.13	25.98	25.93		
10	12	6		26.21	26.08	25.93		
10	1	0		25.62	25.63	25.47		
10	1	23		25.61	25.51	25.39		
10	24	0		24.67	24.57	24.45		
10	1	1	QPSK	26.22	26.06	25.96	25.52	0.3565
10	1	22		26.13	26.03	25.90		
10	12	6		26.16	26.07	25.95		
10	1	0		25.22	25.04	24.97		
10	1	23		25.14	25.11	24.88		
10	24	0		24.18	24.04	23.97		
10	1	1	16-QAM	25.26	25.01	25.23	24.56	0.2858
10	1	1	64-QAM	23.70	23.56	23.50		
10	1	1	256-QAM	21.54	21.62	21.22		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	26.18	25.88	26.01	25.51	0.3556
15	1	36		26.21	25.98	25.98		
15	18	9		26.19	26.01	26.03		
15	1	0		25.69	25.50	25.60		
15	1	37		25.66	25.46	25.52		
15	36	0		24.73	24.58	24.34		
15	1	1	QPSK	26.21	26.06	26.07	25.51	0.3556
15	1	36		26.20	26.03	26.01		
15	18	9		26.21	26.01	26.02		
15	1	0		25.13	25.01	24.98		
15	1	37		25.17	24.98	24.98		
15	36	0		24.21	24.04	24.08		
15	1	1	16-QAM	25.25	25.22	25.21	24.55	0.2851
15	1	1	64-QAM	23.71	23.37	23.65		
15	1	1	256-QAM	21.58	21.51	21.40		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	26.15	26.04	26.10	25.45	0.3508		
20	1	49		26.08	26.07	26.01				
20	25	12		26.15	26.05	26.04				
20	1	0		25.65	25.54	25.62				
20	1	50		25.54	25.58	25.47				
20	50	0		24.63	24.51	24.55				
20	1	1	QPSK	26.14	26.04	26.10			25.45	0.3508
20	1	49		26.05	26.07	25.97				
20	25	12		26.15	26.03	26.05				
20	1	0		25.17	25.11	25.08				
20	1	50		25.08	25.09	24.95				
20	50	0		24.15	24.04	24.07				
20	1	1	16-QAM	25.25	25.20	25.36	24.66	0.2924		
20	1	1	64-QAM	23.75	23.34	23.78				
20	1	1	256-QAM	21.74	21.68	21.55				
Limit	EIRP < 2W			Result			Pass			

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	26.17	26.10	26.13	25.47	0.3524		
30	1	76		26.11	26.12	26.08				
30	36	18		26.15	26.10	26.14				
30	1	0		25.67	25.58	25.67				
30	1	77		25.58	25.65	25.58				
30	75	0		24.64	24.51	24.65				
30	1	1	QPSK	26.13	26.06	26.12			25.47	0.3524
30	1	76		26.07	26.11	26.04				
30	36	18		26.15	26.04	26.15				
30	1	0		25.12	25.04	25.08				
30	1	77		25.08	25.04	25.02				
30	75	0		24.17	24.05	24.15				
30	1	1	16-QAM	25.26	25.20	25.23	24.56	0.2858		
30	1	1	64-QAM	23.65	23.54	23.61				
30	1	1	256-QAM	21.68	21.72	21.75				
Limit	EIRP < 2W			Result			Pass			



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	26.13	26.08	26.06	25.44	0.3499
40	1	104		25.88	26.01	25.97		
40	50	25		26.11	26.04	26.13		
40	1	0		25.60	25.57	25.52		
40	1	105		25.41	25.50	25.48		
40	100	0		24.59	24.52	24.63		
40	1	1	QPSK	26.11	26.04	26.10	25.44	0.3499
40	1	104		25.93	26.01	25.99		
40	50	25		26.06	26.06	26.14		
40	1	0		25.11	25.11	25.10		
40	1	105		24.95	25.08	25.01		
40	100	0		24.11	24.04	24.12		
40	1	1	16-QAM	25.30	25.20	25.34	24.64	0.2911
40	1	1	64-QAM	23.68	23.29	23.65		
40	1	1	256-QAM	21.87	21.51	21.75		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	26.18	26.15	25.98	25.48	0.3532
50	1	131		26.03	26.06	26.01		
50	64	32		26.08	26.07	26.13		
50	1	0		25.61	25.67	25.50		
50	1	132		25.54	25.56	25.53		
50	128	0		24.56	24.54	24.61		
50	1	1	QPSK	26.13	26.08	26.04	25.48	0.3532
50	1	131		26.05	26.03	26.03		
50	64	32		26.12	26.05	26.15		
50	1	0		25.12	25.12	25.03		
50	1	132		25.01	25.01	26.12		
50	128	0		24.11	24.07	24.11		
50	1	1	16-QAM	25.24	25.22	25.06	24.54	0.2844
50	1	1	64-QAM	23.70	23.58	23.47		
50	1	1	256-QAM	21.71	21.69	21.47		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	26.18	26.21	25.99	25.51	0.3556		
60	1	160		25.94	26.03	25.97				
60	81	40		26.07	26.07	26.08				
60	1	0		25.70	25.71	25.51				
60	1	161		25.47	25.45	25.45				
60	162	0		24.57	24.55	24.55				
60	1	1	QPSK	26.14	26.21	26.04			24.47	0.2799
60	1	160		25.96	26.02	25.98				
60	81	40		26.01	26.04	26.19				
60	1	0		25.17	25.13	25.04				
60	1	161		24.96	24.98	24.94				
60	162	0		24.08	24.08	24.06				
60	1	1	16-QAM	25.12	25.15	25.17	24.47	0.2799		
60	1	1	64-QAM	23.94	23.70	23.70				
60	1	1	256-QAM	21.80	21.88	21.50				
Limit	EIRP < 2W			Result			Pass			

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	26.19	26.17	26.20	25.54	0.3581		
80	1	215		25.83	25.90	25.91				
80	108	54		26.13	26.03	26.02				
80	1	0		25.67	25.70	25.70				
80	1	216		25.34	25.37	25.42				
80	216	0		24.55	24.54	24.56				
80	1	1	QPSK	26.24	26.15	26.16			24.51	0.2825
80	1	215		25.85	25.83	25.97				
80	108	54		26.05	26.03	26.01				
80	1	0		25.25	25.20	25.14				
80	1	216		24.92	24.96	24.91				
80	216	0		24.03	24.03	24.01				
80	1	1	16-QAM	25.18	25.18	25.21	24.51	0.2825		
80	1	1	64-QAM	23.65	23.72	23.78				
80	1	1	256-QAM	21.81	21.77	21.80				
Limit	EIRP < 2W			Result			Pass			



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	26.20	26.15	26.11	25.55	0.3589		
90	1	243		25.99	26.05	26.01				
90	120	60		26.10	26.02	25.01				
90	1	0		25.70	25.73	25.62				
90	1	244		25.48	25.51	25.49				
90	240	0		24.55	24.54	24.54				
90	1	1	QPSK	26.25	26.21	26.12			25.55	0.3589
90	1	243		25.97	26.01	26.01				
90	120	60		26.12	26.04	26.08				
90	1	0		25.24	25.22	25.15				
90	1	244		24.98	25.01	24.96				
90	240	0		24.08	24.03	24.01				
90	1	1	16-QAM	25.16	25.30	25.21	24.60	0.2884		
90	1	1	64-QAM	23.78	23.88	23.70				
90	1	1	256-QAM	21.74	21.75	21.71				
Limit	EIRP < 2W			Result			Pass			

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	26.26	26.17	26.11	25.61	0.3639		
100	1	271		25.89	25.95	25.90				
100	135	67		24.55	26.05	26.05				
100	1	0		25.81	25.78	25.64				
100	1	272		25.48	25.50	25.40				
100	270	0		24.55	24.54	24.51				
100	1	1	QPSK	26.31	26.14	26.10			25.61	0.3639
100	1	271		25.92	25.90	25.90				
100	135	67		26.03	26.08	26.05				
100	1	0		25.28	25.19	25.13				
100	1	272		24.99	24.95	24.93				
100	270	0		24.07	24.08	24.04				
100	1	1	16-QAM	25.37	25.21	25.05	24.67	0.2931		
100	1	1	64-QAM	23.65	23.81	23.64				
100	1	1	256-QAM	21.89	21.74	21.65				
Limit	EIRP < 2W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	23.65	23.87	23.68	20.13	0.1030
5	1	23		24.20	24.12	23.63		
5	12	6		24.14	24.02	23.78		
5	1	0		23.47	23.46	23.41		
5	1	24		23.94	23.68	23.41		
5	25	0		23.87	23.71	23.55		
5	1	1	QPSK	23.76	23.82	23.59		
5	1	23		24.23	24.05	23.55		
5	12	6		24.14	24.09	23.80		
5	1	0		22.90	22.97	22.78		
5	1	24		23.36	23.21	22.78		
5	25	0		23.28	23.25	22.92		
5	1	1	16-QAM	22.97	23.07	22.80	18.97	0.0789
5	1	1	64-QAM	21.93	21.79	21.55		
5	1	1	256-QAM	18.71	19.12	19.67		
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.59	23.69	23.68	20.34	0.1081
10	1	50		24.44	24.16	23.67		
10	25	12		24.35	24.08	23.90		
10	1	0		23.34	23.32	23.35		
10	1	51		24.18	23.78	23.35		
10	50	0		24.03	23.74	23.62		
10	1	1	QPSK	23.51	23.52	23.63		
10	1	50		24.33	24.09	23.57		
10	25	12		24.25	24.06	23.88		
10	1	0		22.74	22.77	22.84		
10	1	51		23.61	23.26	22.74		
10	50	0		23.39	23.21	23.01		
10	1	1	16-QAM	22.67	22.74	22.91	18.81	0.076
10	1	1	64-QAM	21.52	21.61	21.85		
10	1	1	256-QAM	18.81	18.86	19.52		
Limit	EIRP < 1W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.17	23.27	22.95	20.26	0.1062
15	1	77		24.16	23.78	22.91		
15	36	18		24.31	24.01	23.67		
15	1	0		22.67	22.85	22.67		
15	1	78		23.76	23.37	22.71		
15	75	0		23.73	23.44	23.23		
15	1	1	QPSK	23.12	23.15	23.12		
15	1	77		24.06	23.85	22.96		
15	36	18		24.36	23.96	23.78		
15	1	0		22.15	22.35	22.21		
15	1	78		23.16	22.96	22.19		
15	75	0		23.21	23.02	22.73		
15	1	1	16-QAM	22.11	22.61	22.38	18.51	0.0710
15	1	1	64-QAM	21.14	21.33	21.15		
15	1	1	256-QAM	18.18	18.41	19.14		
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.57	23.85	23.64	20.46	0.1112
20	1	104		24.55	24.56	23.78		
20	50	25		24.49	24.03	23.95		
20	1	0		23.24	23.42	23.34		
20	1	105		24.22	24.24	23.50		
20	100	0		24.11	23.83	23.61		
20	1	1	QPSK	23.80	23.67	23.41		
20	1	104		24.52	24.37	23.75		
20	50	25		24.52	24.03	23.99		
20	1	0		22.75	22.88	22.73		
20	1	105		23.59	23.65	22.87		
20	100	0		23.54	23.28	23.01		
20	1	1	16-QAM	22.82	22.91	22.64	18.81	0.0760
20	1	1	64-QAM	21.81	21.62	21.55		
20	1	1	256-QAM	18.78	19.25	19.82		
Limit	EIRP < 1W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	23.67	23.99	22.65	20.68	0.1169		
25	1	131		24.30	24.78	23.27				
25	64	32		24.19	24.06	23.32				
25	1	0		23.21	23.47	22.54				
25	1	132		23.92	24.27	22.97				
25	128	0		23.78	23.67	22.96				
25	1	1	QPSK	23.54	24.04	22.83			19.06	0.0805
25	1	131		24.16	24.74	23.26				
25	64	32		24.23	24.07	23.31				
25	1	0		22.56	23.04	21.98				
25	1	132		23.28	23.84	22.40				
25	128	0		23.12	23.24	22.35				
25	1	1	16-QAM	22.56	23.16	22.12	19.06	0.0805		
25	1	1	64-QAM	21.65	21.91	21.05				
25	1	1	256-QAM	19.11	19.21	19.46				
Limit	EIRP < 1W			Result			Pass			

NR n66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	23.64	24.14	22.92	21.05	0.1274		
30	1	158		24.33	25.15	23.66				
30	80	40		24.42	24.11	23.59				
30	1	0		23.45	23.73	22.67				
30	1	159		24.07	24.67	23.39				
30	160	0		24.03	23.93	23.21				
30	1	1	QPSK	23.86	24.05	22.91			18.97	0.0789
30	1	158		24.36	24.98	23.64				
30	80	40		24.41	24.11	23.51				
30	1	0		22.91	23.14	22.05				
30	1	159		23.48	24.10	22.76				
30	160	0		23.41	23.34	22.55				
30	1	1	16-QAM	22.96	23.07	22.08	18.97	0.0789		
30	1	1	64-QAM	21.91	22.07	21.06				
30	1	1	256-QAM	18.97	19.52	19.37				
Limit	EIRP < 1W			Result			Pass			



NR n66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	23.85	24.27	23.10	21.35	0.1365
40	1	214		24.64	25.44	24.30		
40	108	54		24.21	24.23	23.90		
40	1	0		23.47	23.86	22.96		
40	1	215		24.42	24.99	24.13		
40	216	0		23.95	24.04	23.56		
40	1	1	QPSK	23.72	24.27	23.15		
40	1	214		24.68	25.45	24.30		
40	108	54		24.24	24.21	23.89		
40	1	0		22.91	23.41	22.32		
40	1	215		23.87	24.41	23.47		
40	216	0		23.38	23.54	23.01		
40	1	1	16-QAM	22.97	23.45	23.36	19.35	0.0861
40	1	1	64-QAM	21.91	22.31	21.33		
40	1	1	256-QAM	19.05	19.41	18.94		
Limit	EIRP < 1W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.49	23.47	23.74	23.05	0.2018
10	1	22		23.53	23.45	23.75		
10	12	6		23.49	23.44	23.74		
10	1	0		22.97	23.00	23.19		
10	1	23		23.04	22.89	23.20		
10	24	0		23.05	22.95	23.25		
10	1	1	QPSK	23.48	23.47	23.65		
10	1	22		23.52	23.40	23.65		
10	12	6		23.52	23.45	23.69		
10	1	0		22.43	22.50	22.71		
10	1	23		22.52	22.40	22.74		
10	24	0		22.54	22.44	22.77		
10	1	1	16-QAM	22.59	22.51	22.80	22.10	0.1622
10	1	1	64-QAM	20.91	20.84	21.27		
10	1	1	256-QAM	18.99	18.90	19.14		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.55	23.52	23.70	23.21	0.2094
15	1	36		23.57	23.39	23.91		
15	18	9		23.53	23.47	23.80		
15	1	0		22.97	23.05	23.20		
15	1	37		23.06	22.92	23.32		
15	36	0		23.07	22.96	23.24		
15	1	1	QPSK	23.50	23.47	23.67		
15	1	36		23.67	23.38	23.72		
15	18	9		23.56	23.47	23.75		
15	1	0		22.48	22.48	22.70		
15	1	37		22.58	22.38	22.80		
15	36	0		22.57	22.47	22.75		
15	1	1	16-QAM	22.57	22.52	22.80	22.10	0.1622
15	1	1	64-QAM	21.22	21.07	21.25		
15	1	1	256-QAM	19.03	19.05	19.16		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.42	24.45	23.70	23.75	0.2371
20	1	49		23.47	24.41	23.81		
20	25	12		23.52	24.45	23.85		
20	1	0		22.97	23.95	23.22		
20	1	50		23.01	23.99	23.36		
20	50	0		23.04	23.95	23.35		
20	1	1	QPSK	23.47	23.56	23.79		
20	1	49		23.50	23.40	23.86		
20	25	12		23.53	23.45	23.85		
20	1	0		22.50	22.53	22.75		
20	1	50		22.52	22.40	22.82		
20	50	0		22.55	22.45	22.77		
20	1	1	16-QAM	22.56	22.60	22.74	22.04	0.1600
20	1	1	64-QAM	21.14	21.15	21.58		
20	1	1	256-QAM	18.91	19.60	19.56		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	23.32	23.32	23.12	22.83	0.1919
30	1	76		23.25	23.11	23.31		
30	36	18		23.45	23.29	23.26		
30	1	0		22.83	22.84	22.62		
30	1	77		22.86	22.61	22.83		
30	75	0		22.98	22.82	22.81		
30	1	1	QPSK	23.45	23.49	23.24		
30	1	76		23.37	23.15	23.40		
30	36	18		23.53	23.26	23.35		
30	1	0		22.38	22.41	22.29		
30	1	77		22.39	22.14	22.42		
30	75	0		22.49	22.29	22.36		
30	1	1	16-QAM	22.48	22.39	22.34	21.78	0.1507
30	1	1	64-QAM	20.89	20.80	20.80		
30	1	1	256-QAM	18.94	18.91	19.40		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	23.51	23.39	23.25	22.83	0.1919
40	1	104		23.31	23.15	23.35		
40	50	25		23.53	23.26	23.29		
40	1	0		23.02	22.92	22.83		
40	1	105		22.80	22.65	22.83		
40	100	0		22.95	22.79	22.81		
40	1	1	QPSK	23.50	23.44	23.40		
40	1	104		23.26	23.16	23.25		
40	50	25		23.51	23.32	23.31		
40	1	0		22.57	22.45	22.46		
40	1	105		22.26	22.18	22.34		
40	100	0		22.45	22.38	22.32		
40	1	1	16-QAM	22.47	22.59	22.40	21.89	0.1545
40	1	1	64-QAM	20.98	20.72	20.80		
40	1	1	256-QAM	19.05	18.75	18.96		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	23.49	23.41	23.40	22.81	0.1910
50	1	131		23.24	23.15	23.35		
50	64	32		23.51	23.26	23.35		
50	1	0		22.93	22.80	22.87		
50	1	132		22.72	22.56	22.97		
50	128	0		22.95	22.76	22.87		
50	1	1	QPSK	23.45	23.37	23.34		
50	1	131		23.21	23.19	23.36		
50	64	32		23.50	23.30	23.37		
50	1	0		22.47	22.37	22.43		
50	1	132		22.23	22.10	22.44		
50	128	0		22.45	22.25	22.37		
50	1	1	16-QAM	22.65	22.41	22.38	21.95	0.1567
50	1	1	64-QAM	21.01	20.94	20.97		
50	1	1	256-QAM	18.86	18.86	18.84		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	23.63	23.35	23.31	22.93	0.1963
60	1	160		23.18	23.09	23.28		
60	81	40		23.52	23.26	23.25		
60	1	0		23.05	22.82	22.82		
60	1	161		22.70	22.58	22.76		
60	162	0		22.89	22.73	22.77		
60	1	1	QPSK	23.60	23.39	23.32	22.93	0.1963
60	1	160		23.17	23.12	23.24		
60	81	40		23.48	23.25	23.23		
60	1	0		23.53	22.37	22.28		
60	1	161		22.14	22.16	22.22		
60	162	0		22.43	22.24	22.24		
60	1	1	16-QAM	22.68	22.38	22.45	21.98	0.1578
60	1	1	64-QAM	21.17	21.08	20.88		
60	1	1	256-QAM	19.17	18.95	18.67		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	24.53	24.60	24.61	23.96	0.2489
80	1	215		24.26	24.37	24.40		
80	108	54		24.43	24.47	24.46		
80	1	0		24.13	24.06	24.08		
80	1	216		23.82	23.86	23.95		
80	216	0		23.92	23.98	24.00		
80	1	1	QPSK	24.61	24.60	24.66	23.96	0.2489
80	1	215		24.20	24.36	24.43		
80	108	54		24.42	24.46	24.48		
80	1	0		23.62	23.62	23.65		
80	1	216		23.27	23.47	23.42		
80	216	0		23.45	23.44	23.52		
80	1	1	16-QAM	23.69	23.71	23.78	23.08	0.2032
80	1	1	64-QAM	22.23	22.19	22.09		
80	1	1	256-QAM	20.23	20.14	19.97		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	24.62	24.56	24.56	24.01	0.2518
90	1	243		24.38	24.38	24.49		
90	120	60		24.50	24.42	24.55		
90	1	0		24.15	24.12	24.08		
90	1	244		23.86	23.92	24.01		
90	240	0		24.01	23.97	24.01		
90	1	1	QPSK	24.66	24.56	24.71	24.01	0.2518
90	1	243		24.42	24.48	24.53		
90	120	60		24.48	24.54	24.53		
90	1	0		24.18	23.57	23.57		
90	1	244		23.93	23.45	23.48		
90	240	0		23.98	23.45	23.53		
90	1	1	16-QAM	23.64	23.72	23.70	23.02	0.2004
90	1	1	64-QAM	22.01	22.22	22.25		
90	1	1	256-QAM	20.17	19.90	20.20		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	24.85	24.66	24.71	24.18	0.2618
100	1	271		24.46	24.47	24.52		
100	135	67		24.58	24.59	24.57		
100	1	0		24.41	24.21	24.22		
100	1	272		24.03	24.03	24.01		
100	270	0		24.12	23.95	24.07		
100	1	1	QPSK	24.88	24.73	24.71	24.18	0.2618
100	1	271		24.43	24.54	24.52		
100	135	67		24.63	24.61	24.56		
100	1	0		23.88	23.74	24.25		
100	1	272		23.47	23.57	24.04		
100	270	0		23.62	23.60	24.09		
100	1	1	16-QAM	23.86	23.65	23.85	23.16	0.2070
100	1	1	64-QAM	22.25	22.29	22.10		
100	1	1	256-QAM	20.58	20.21	19.96		
Limit	EIRP < 2W			Result			Pass	



<ASDIV Antenna>

NR n2 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.72	24.59	24.62	22.02	0.1592
5	1	23		24.67	24.52	24.54		
5	12	6		24.65	24.40	24.54		
5	1	0		24.17	23.93	23.93		
5	1	24		24.18	24.07	24.15		
5	25	0		24.11	23.94	24.08		
5	1	1	QPSK	24.54	24.53	24.54		
5	1	23		24.56	24.40	24.56		
5	12	6		24.64	24.55	24.37		
5	1	0		23.11	23.09	23.02		
5	1	24		23.13	22.94	23.14		
5	25	0		23.00	22.85	23.05		
5	1	1	16-QAM	23.74	23.52	23.50	21.04	0.1271
5	1	1	64-QAM	22.16	21.94	22.01		
5	1	1	256-QAM	20.05	20.14	20.02		
Limit	EIRP < 2W			Result			Pass	

NR n2 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.92	24.51	24.56	22.22	0.1667
10	1	50		24.79	24.34	24.52		
10	25	12		24.76	24.46	24.46		
10	1	0		24.27	24.01	24.02		
10	1	51		24.30	23.72	24.15		
10	50	0		24.27	23.90	24.07		
10	1	1	QPSK	24.82	24.52	24.55		
10	1	50		24.74	24.39	24.50		
10	25	12		24.82	24.46	24.61		
10	1	0		23.27	22.98	23.07		
10	1	51		23.32	22.82	23.12		
10	50	0		23.30	22.89	23.05		
10	1	1	16-QAM	23.87	23.49	23.58	21.17	0.1309
10	1	1	64-QAM	22.57	21.97	22.24		
10	1	1	256-QAM	20.20	20.06	20.14		
Limit	EIRP < 2W			Result			Pass	



NR n2 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.79	24.67	24.36	22.21	0.1663
15	1	77		24.86	24.39	24.54		
15	36	18		24.67	24.52	24.37		
15	1	0		24.19	24.17	23.98		
15	1	78		24.40	24.06	23.95		
15	75	0		24.20	24.03	24.05		
15	1	1	QPSK	24.67	24.54	24.38		
15	1	77		24.89	24.46	24.69		
15	36	18		24.91	24.58	24.42		
15	1	0		23.28	23.08	22.87		
15	1	78		23.44	23.05	22.92		
15	75	0		23.17	22.95	22.98		
15	1	1	16-QAM	23.87	23.56	23.65	21.17	0.1309
15	1	1	64-QAM	22.40	22.21	22.17		
15	1	1	256-QAM	20.33	20.22	20.20		
Limit	EIRP < 2W			Result			Pass	

NR n2 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.89	24.53	24.53	22.19	0.1656
20	1	104		24.72	24.49	24.46		
20	50	25		24.84	24.60	24.59		
20	1	0		24.25	24.10	23.95		
20	1	105		24.25	23.97	24.00		
20	100	0		24.23	24.18	23.89		
20	1	1	QPSK	24.72	24.55	24.47		
20	1	104		24.68	24.31	24.51		
20	50	25		24.70	24.60	24.47		
20	1	0		23.39	23.10	22.92		
20	1	105		23.15	23.05	23.00		
20	100	0		23.27	23.02	23.05		
20	1	1	16-QAM	23.83	23.72	23.44	21.13	0.1297
20	1	1	64-QAM	22.48	22.26	22.12		
20	1	1	256-QAM	20.40	20.26	19.98		
Limit	EIRP < 2W			Result			Pass	



NR n5 Maximum Average Power [dBm] (GT - LC = -7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	25.02	24.87	24.97	15.54	0.0358
5	1	23		24.02	24.73	24.29		
5	12	6		24.63	24.88	25.19		
5	1	0		24.50	24.37	24.29		
5	1	24		23.44	24.32	23.92		
5	25	0		24.16	24.41	24.01		
5	1	1	QPSK	24.84	24.78	24.83		
5	1	23		23.94	24.85	24.36		
5	12	6		24.72	24.88	24.62		
5	1	0		24.05	24.09	24.09		
5	1	24		23.15	23.97	23.41		
5	25	0		23.78	24.15	23.83		
5	1	1	16-QAM	24.03	24.11	24.07	14.46	0.0279
5	1	1	64-QAM	22.65	22.64	22.54		
5	1	1	256-QAM	20.20	19.88	20.43		
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	24.72	24.66	25.16	15.52	0.0356
10	1	50		23.51	24.45	23.77		
10	25	12		24.15	24.91	24.94		
10	1	0		24.40	24.15	25.17		
10	1	51		22.81	23.90	23.34		
10	50	0		23.78	24.33	24.39		
10	1	1	QPSK	24.70	24.63	25.14		
10	1	50		23.57	24.35	23.76		
10	25	12		24.38	25.08	24.93		
10	1	0		24.11	23.95	24.91		
10	1	51		22.50	23.55	23.11		
10	50	0		23.52	24.19	24.19		
10	1	1	16-QAM	24.17	23.97	24.85	15.20	0.0331
10	1	1	64-QAM	22.60	22.41	23.46		
10	1	1	256-QAM	21.02	20.01	20.95		
Limit	ERP < 7W			Result			Pass	



NR n5 Maximum Average Power [dBm] (GT - LC = -7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	24.25	24.54	24.91	15.51	0.0356
15	1	77		23.27	23.83	23.55		
15	36	18		23.85	25.04	25.13		
15	1	0		23.81	24.15	24.29		
15	1	78		22.82	23.11	22.90		
15	75	0		23.42	24.28	24.49		
15	1	1	QPSK	24.27	24.53	24.92		
15	1	77		23.32	23.68	23.49		
15	36	18		23.96	25.08	25.16		
15	1	0		23.49	23.60	23.93		
15	1	78		22.34	22.78	22.44		
15	75	0		23.04	23.78	24.00		
15	1	1	16-QAM	23.54	23.78	24.08	14.43	0.0277
15	1	1	64-QAM	22.07	22.31	22.53		
15	1	1	256-QAM	20.13	19.62	19.46		
Limit	ERP < 7W			Result			Pass	

NR n5 Maximum Average Power [dBm] (GT - LC = -7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
20	1	1	PI/2 BPSK	25.02	25.16	25.18	15.54	0.0358
20	1	104		23.83	24.17	24.32		
20	50	25		24.18	25.17	25.10		
20	1	0		24.69	25.13	24.90		
20	1	105		23.40	23.56	23.69		
20	100	0		23.88	24.70	24.71		
20	1	1	QPSK	24.99	25.18	25.19		
20	1	104		23.79	24.30	24.23		
20	50	25		24.23	25.14	25.15		
20	1	0		24.32	24.72	24.84		
20	1	105		22.86	23.23	23.75		
20	100	0		23.60	24.34	24.31		
20	1	1	16-QAM	24.26	24.68	24.60	15.03	0.0318
20	1	1	64-QAM	22.75	23.32	23.02		
20	1	1	256-QAM	20.48	20.97	20.47		
Limit	ERP < 7W			Result			Pass	



NR n7 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.80	24.64	24.52	23.24	0.2109
5	1	23		24.74	24.69	24.36		
5	12	6		24.83	24.72	24.49		
5	1	0		24.44	24.40	24.09		
5	1	24		24.24	24.17	23.96		
5	25	0		24.39	24.28	24.01		
5	1	1	QPSK	24.94	24.72	24.58		
5	1	23		24.90	24.67	24.30		
5	12	6		24.90	24.69	24.44		
5	1	0		22.83	22.78	22.47		
5	1	24		22.79	22.86	22.52		
5	25	0		22.85	22.76	22.45		
5	1	1	16-QAM	23.74	23.83	23.47	22.13	0.1633
5	1	1	64-QAM	22.48	22.17	22.06		
5	1	1	256-QAM	20.32	20.16	20.10		
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	25.00	24.73	24.55	23.30	0.2138
10	1	50		24.83	24.71	24.47		
10	25	12		24.89	24.72	24.47		
10	1	0		24.43	24.35	24.01		
10	1	51		24.36	24.33	23.93		
10	50	0		24.38	24.29	24.08		
10	1	1	QPSK	24.88	24.78	24.51		
10	1	50		24.93	24.71	24.43		
10	25	12		24.85	24.88	24.44		
10	1	0		22.85	22.75	22.69		
10	1	51		22.76	22.79	22.44		
10	50	0		22.89	22.72	22.61		
10	1	1	16-QAM	23.89	23.85	23.59	22.19	0.1656
10	1	1	64-QAM	22.47	22.40	22.20		
10	1	1	256-QAM	20.51	20.32	20.19		
Limit	EIRP < 2W			Result			Pass	



NR n7 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.56	24.36	24.18	22.87	0.1936
15	1	77		24.32	24.46	24.03		
15	36	18		24.49	24.39	24.27		
15	1	0		24.11	23.89	23.71		
15	1	78		23.99	23.70	23.54		
15	75	0		23.87	23.84	23.54		
15	1	1	QPSK	24.39	24.49	24.30		
15	1	77		24.44	24.39	24.15		
15	36	18		24.57	24.26	24.21		
15	1	0		22.57	22.22	22.17		
15	1	78		22.34	22.34	22.10		
15	75	0		22.42	22.33	22.13		
15	1	1	16-QAM	23.39	23.54	23.16	21.84	0.1528
15	1	1	64-QAM	22.00	21.79	21.88		
15	1	1	256-QAM	19.95	19.75	19.81		
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.53	24.28	24.15	22.83	0.1919
20	1	104		24.43	24.26	24.13		
20	50	25		24.11	24.53	24.28		
20	1	0		23.76	23.91	23.71		
20	1	105		24.17	23.74	23.59		
20	100	0		23.83	23.84	23.52		
20	1	1	QPSK	24.38	24.37	24.23		
20	1	104		24.29	24.33	23.98		
20	50	25		24.19	24.45	24.24		
20	1	0		22.22	22.36	22.18		
20	1	105		22.28	22.37	22.19		
20	100	0		22.49	22.36	22.16		
20	1	1	16-QAM	23.35	23.48	23.20	21.78	0.1507
20	1	1	64-QAM	21.88	22.12	21.59		
20	1	1	256-QAM	20.03	19.82	19.72		
Limit	EIRP < 2W			Result			Pass	



NR n7 Maximum Average Power [dBm] (GT - LC = -1.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	24.74	24.37	24.37	23.04	0.2014		
25	1	131		24.40	24.27	24.31				
25	64	32		24.45	24.33	24.49				
25	1	0		24.16	23.88	23.86				
25	1	132		24.01	23.90	23.74				
25	128	0		24.01	23.94	23.78				
25	1	1	QPSK	24.62	24.38	24.49			21.98	0.1578
25	1	131		24.62	24.37	24.26				
25	64	32		24.39	24.49	24.42				
25	1	0		22.46	22.34	22.33				
25	1	132		22.43	22.18	22.34				
25	128	0		22.56	22.27	22.44				
25	1	1	16-QAM	23.68	23.27	23.34	21.98	0.1578		
25	1	1	64-QAM	22.26	21.97	21.94				
25	1	1	256-QAM	20.16	19.92	20.01				
Limit	EIRP < 2W			Result			Pass			

NR n7 Maximum Average Power [dBm] (GT - LC = -1.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.88	24.86	24.57	23.20	0.2089		
30	1	158		24.67	24.59	24.29				
30	80	40		24.67	24.74	24.58				
30	1	0		24.30	24.27	24.08				
30	1	159		24.30	24.30	23.77				
30	160	0		24.24	24.21	23.64				
30	1	1	QPSK	24.90	24.76	24.37			22.43	0.1750
30	1	158		24.67	24.67	24.20				
30	80	40		24.56	24.84	24.44				
30	1	0		22.79	22.73	22.50				
30	1	159		22.66	22.67	22.21				
30	160	0		22.61	22.62	22.23				
30	1	1	16-QAM	24.13	23.70	23.66	22.43	0.1750		
30	1	1	64-QAM	22.27	22.46	22.16				
30	1	1	256-QAM	20.48	20.18	19.96				
Limit	EIRP < 2W			Result			Pass			



NR n7 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.89	24.96	24.67	23.31	0.2143
40	1	214		24.78	24.66	24.37		
40	108	54		24.52	24.81	24.56		
40	1	0		24.34	24.36	24.13		
40	1	215		24.42	24.21	24.05		
40	216	0		24.16	24.32	24.02		
40	1	1	QPSK	25.01	24.79	24.72		
40	1	214		24.75	24.76	24.30		
40	108	54		24.58	24.78	24.59		
40	1	0		22.79	22.84	22.62		
40	1	215		22.86	22.80	22.45		
40	216	0		22.77	22.77	22.33		
40	1	1	16-QAM	24.09	23.72	23.64	22.39	0.1734
40	1	1	64-QAM	22.41	22.39	22.19		
40	1	1	256-QAM	20.51	20.33	20.18		
Limit	EIRP < 2W			Result			Pass	

NR n7 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	25.01	24.91	24.70	23.31	0.2143
50	1	268		24.93	24.71	24.52		
50	135	67		24.64	24.80	24.60		
50	1	0		24.61	24.39	24.19		
50	1	269		24.32	24.34	24.01		
50	270	0		24.24	24.10	24.03		
50	1	1	QPSK	24.94	25.00	24.60		
50	1	268		24.76	24.70	24.46		
50	135	67		24.74	24.70	24.58		
50	1	0		23.08	22.84	22.58		
50	1	269		22.77	22.72	22.67		
50	270	0		22.82	22.66	22.46		
50	1	1	16-QAM	23.82	23.92	23.67	22.22	0.1667
50	1	1	64-QAM	22.51	22.66	22.37		
50	1	1	256-QAM	20.39	20.52	20.25		
Limit	EIRP < 2W			Result			Pass	



NR n12 Maximum Average Power [dBm] (GT - LC = -10.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
5	1	1	PI/2 BPSK	24.74	24.71	24.95	12.75	0.0188
5	1	23		23.95	25.00	24.01		
5	12	6		24.55	24.97	24.77		
5	1	0		24.13	24.43	24.44		
5	1	24		23.36	24.44	23.72		
5	25	0		23.97	24.44	24.30		
5	1	1	QPSK	24.69	24.79	24.78		
5	1	23		23.88	25.00	24.19		
5	12	6		24.46	24.96	24.74		
5	1	0		23.78	23.96	23.97		
5	1	24		22.84	24.00	23.18		
5	25	0		23.45	24.02	23.62		
5	1	1	16-QAM	23.75	24.00	24.02	11.77	0.0150
5	1	1	64-QAM	22.26	22.66	22.61		
5	1	1	256-QAM	19.74	20.35	19.85		
Limit	ERP < 3W			Result			Pass	

NR n12 Maximum Average Power [dBm] (GT - LC = -10.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
10	1	1	PI/2 BPSK	25.18	25.02	24.57	12.93	0.0196
10	1	50		24.21	24.58	24.10		
10	25	12		24.81	25.08	24.98		
10	1	0		24.76	24.46	24.00		
10	1	51		23.61	24.13	23.51		
10	50	0		24.38	24.49	24.21		
10	1	1	QPSK	25.16	24.87	24.50		
10	1	50		24.17	24.67	23.90		
10	25	12		24.73	24.93	24.97		
10	1	0		24.42	24.21	23.69		
10	1	51		23.06	23.80	23.12		
10	50	0		23.96	23.97	23.87		
10	1	1	16-QAM	24.41	24.12	23.72	12.16	0.0164
10	1	1	64-QAM	23.07	22.77	22.34		
10	1	1	256-QAM	19.64	21.19	20.00		
Limit	ERP < 3W			Result			Pass	



NR n12 Maximum Average Power [dBm] (GT - LC = -10.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP(W)
15	1	1	PI/2 BPSK	25.10	25.18	25.01	12.95	0.0197
15	1	77		24.36	24.41	23.92		
15	36	18		25.16	25.17	24.90		
15	1	0		25.05	24.94	24.56		
15	1	78		23.88	23.84	23.28		
15	75	0		24.77	24.63	24.32		
15	1	1	QPSK	25.15	25.11	24.87	12.59	0.0182
15	1	77		24.49	24.49	23.95		
15	36	18		25.16	25.20	24.81		
15	1	0		24.62	24.63	24.22		
15	1	78		23.54	23.45	22.90		
15	75	0		24.22	24.31	23.87		
15	1	1	16-QAM	24.84	24.46	24.20	12.59	0.0182
15	1	1	64-QAM	23.28	23.33	22.88		
15	1	1	256-QAM	20.28	20.57	20.49		
Limit	ERP < 3W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.71	24.62	24.76	22.18	0.1652
5	1	23		24.78	24.56	24.88		
5	12	6		24.67	24.64	24.68		
5	1	0		24.08	24.26	24.17		
5	1	24		24.28	24.12	24.30		
5	25	0		24.13	24.06	24.37		
5	1	1	QPSK	24.57	24.36	24.66		
5	1	23		24.72	24.49	24.65		
5	12	6		24.64	24.51	24.65		
5	1	0		22.40	22.66	22.62		
5	1	24		22.59	22.45	22.79		
5	25	0		22.04	22.10	22.23		
5	1	1	16-QAM	23.64	23.55	23.66	20.96	0.1247
5	1	1	64-QAM	22.28	22.18	21.98		
5	1	1	256-QAM	18.19	18.13	18.21		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.74	24.62	24.61	22.14	0.1637
10	1	50		24.79	24.68	24.80		
10	25	12		24.76	24.51	24.69		
10	1	0		24.38	24.16	24.22		
10	1	51		24.33	24.12	24.40		
10	50	0		24.30	24.27	24.26		
10	1	1	QPSK	24.65	24.57	24.53		
10	1	50		24.58	24.55	24.84		
10	25	12		24.57	24.48	24.56		
10	1	0		22.71	22.65	22.51		
10	1	51		22.75	22.46	22.74		
10	50	0		22.31	22.09	22.11		
10	1	1	16-QAM	23.65	23.68	23.64	20.98	0.1253
10	1	1	64-QAM	22.06	22.13	22.16		
10	1	1	256-QAM	18.11	18.29	18.17		
Limit	EIRP < 2W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.79	24.69	24.71	22.09	0.1618
15	1	77		24.63	24.58	24.75		
15	36	18		24.77	24.51	24.68		
15	1	0		24.14	24.04	24.27		
15	1	78		24.13	24.02	24.35		
15	75	0		24.23	23.93	24.22		
15	1	1	QPSK	24.64	24.72	24.70		
15	1	77		24.66	24.46	24.66		
15	36	18		24.70	24.45	24.66		
15	1	0		22.72	22.61	22.70		
15	1	78		22.73	22.59	22.78		
15	75	0		22.11	22.11	22.37		
15	1	1	16-QAM	23.70	23.65	23.54	21.00	0.1259
15	1	1	64-QAM	22.46	22.34	22.14		
15	1	1	256-QAM	18.21	18.17	18.25		
Limit	EIRP < 2W			Result			Pass	

NR n25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.62	24.69	24.62	22.17	0.1648
20	1	104		24.72	24.46	24.76		
20	50	25		24.87	24.56	24.67		
20	1	0		24.25	24.21	24.26		
20	1	105		24.15	24.06	24.47		
20	100	0		24.36	24.07	24.30		
20	1	1	QPSK	24.68	24.61	24.70		
20	1	104		24.66	24.45	24.78		
20	50	25		24.61	24.59	24.62		
20	1	0		22.66	22.55	22.56		
20	1	105		22.54	22.53	22.77		
20	100	0		22.12	22.11	22.17		
20	1	1	16-QAM	23.69	23.67	23.53	20.99	0.1256
20	1	1	64-QAM	22.30	22.33	22.16		
20	1	1	256-QAM	18.17	18.31	18.33		
Limit	EIRP < 2W			Result			Pass	



NR n25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
25	1	1	PI/2 BPSK	24.70	24.76	24.53	22.06	0.1607		
25	1	131		24.58	24.47	24.71				
25	64	32		24.73	24.46	24.48				
25	1	0		24.17	24.31	24.10				
25	1	132		24.08	24.06	24.33				
25	128	0		24.17	24.09	24.11				
25	1	1	QPSK	24.49	24.59	24.45			21.01	0.1262
25	1	131		24.45	24.34	24.63				
25	64	32		24.67	24.53	24.43				
25	1	0		22.60	22.63	22.50				
25	1	132		22.68	22.50	22.64				
25	128	0		22.12	22.16	21.97				
25	1	1	16-QAM	23.68	23.71	23.42	21.01	0.1262		
25	1	1	64-QAM	22.17	22.23	21.99				
25	1	1	256-QAM	18.05	18.15	18.01				
Limit	EIRP < 2W			Result			Pass			

NR n25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	24.71	24.70	24.68	22.17	0.1648		
30	1	158		24.66	24.42	24.71				
30	80	40		24.87	24.58	24.61				
30	1	0		24.31	24.29	24.07				
30	1	159		24.17	23.96	24.30				
30	160	0		24.32	24.07	24.39				
30	1	1	QPSK	24.77	24.70	24.44			21.03	0.1268
30	1	158		24.47	24.44	24.59				
30	80	40		24.70	24.62	24.47				
30	1	0		22.74	22.76	22.51				
30	1	159		22.53	22.44	24.38				
30	160	0		22.36	22.05	22.12				
30	1	1	16-QAM	23.72	23.72	23.73	21.03	0.1268		
30	1	1	64-QAM	22.23	22.42	22.17				
30	1	1	256-QAM	18.13	18.28	18.12				
Limit	EIRP < 2W			Result			Pass			



NR n25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.76	24.80	24.61	22.11	0.1626
40	1	214		24.49	24.24	24.79		
40	108	54		24.77	24.63	24.75		
40	1	0		24.32	24.26	24.18		
40	1	215		23.85	23.95	24.38		
40	216	0		24.25	24.05	24.28		
40	1	1	QPSK	24.61	24.67	24.81		
40	1	214		24.27	24.35	24.59		
40	108	54		24.65	24.42	24.57		
40	1	0		22.54	22.74	22.52		
40	1	215		22.36	22.37	22.58		
40	216	0		22.20	22.01	22.17		
40	1	1	16-QAM	23.84	23.64	23.50	21.14	0.1300
40	1	1	64-QAM	22.25	22.27	22.05		
40	1	1	256-QAM	18.14	18.14	18.14		
Limit	EIRP < 2W			Result			Pass	



NR n38 Maximum Average Power [dBm] (GT - LC = -2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.40	24.04	24.53	22.45	0.1758
10	1	22		24.72	24.23	24.72		
10	12	6		24.77	24.32	24.75		
10	1	0		23.99	23.53	22.98		
10	1	23		24.28	23.73	23.99		
10	24	0		24.21	23.75	24.08		
10	1	1	QPSK	24.42	24.08	24.35		
10	1	22		24.79	24.24	24.70		
10	12	6		24.85	24.42	24.79		
10	1	0		23.46	23.00	23.33		
10	1	23		23.80	23.08	23.60		
10	24	0		23.63	23.33	23.57		
10	1	1	16-QAM	23.46	22.96	23.41	21.06	0.1276
10	1	1	64-QAM	22.24	21.48	21.96		
10	1	1	256-QAM	20.80	19.43	19.72		
Limit	EIRP < 2W			Result			Pass	

NR n38 Maximum Average Power [dBm] (GT - LC = -2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.85	23.54	24.09	22.58	0.1811
15	1	36		24.95	23.78	24.17		
15	18	9		24.90	24.42	24.67		
15	1	0		24.54	23.11	23.40		
15	1	37		24.85	23.30	23.68		
15	36	0		24.92	23.66	24.08		
15	1	1	QPSK	24.97	23.68	24.01		
15	1	36		24.98	23.89	24.26		
15	18	9		24.92	24.29	24.85		
15	1	0		23.98	22.49	22.85		
15	1	37		24.23	22.82	23.16		
15	36	0		24.60	23.18	23.57		
15	1	1	16-QAM	24.01	22.68	23.11	21.61	0.1449
15	1	1	64-QAM	22.62	21.11	21.50		
15	1	1	256-QAM	20.32	18.85	19.37		
Limit	EIRP < 2W			Result			Pass	



NR n38 Maximum Average Power [dBm] (GT - LC = -2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.93	24.23	24.58	22.60	0.1820
20	1	49		24.91	24.51	24.62		
20	25	12		24.90	24.20	24.85		
20	1	0		24.98	23.71	23.96		
20	1	50		24.99	23.95	24.06		
20	50	0		24.94	23.98	24.02		
20	1	1	QPSK	24.95	24.15	24.56	22.60	0.1820
20	1	49		25.00	24.59	24.72		
20	25	12		24.95	24.48	24.78		
20	1	0		24.56	23.23	23.55		
20	1	50		24.94	23.55	23.62		
20	50	0		24.78	23.29	23.66		
20	1	1	16-QAM	24.66	23.21	23.64	22.26	0.1683
20	1	1	64-QAM	23.29	21.77	22.21		
20	1	1	256-QAM	21.27	19.45	20.05		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	25.42	25.49	26.38	24.68	0.2938
10	1	22		25.45	25.51	26.30		
10	12	6		25.67	25.68	26.25		
10	1	0		25.11	25.17	25.89		
10	1	23		25.06	25.06	25.69		
10	24	0		24.09	24.06	24.92		
10	1	1	QPSK	25.68	25.59	26.27		
10	1	22		25.50	25.55	26.35		
10	12	6		25.63	25.47	26.27		
10	1	0		24.70	24.61	25.27		
10	1	23		24.49	24.57	25.27		
10	24	0		23.51	23.50	24.31		
10	1	1	16-QAM	24.76	24.49	25.69	23.99	0.2506
10	1	1	64-QAM	23.09	23.06	23.84		
10	1	1	256-QAM	21.03	21.08	21.59		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	25.56	25.34	26.46	24.80	0.3020
15	1	36		25.70	25.40	26.30		
15	18	9		25.50	25.53	26.48		
15	1	0		25.00	25.08	26.08		
15	1	37		25.08	25.06	25.84		
15	36	0		24.13	24.12	24.80		
15	1	1	QPSK	25.57	25.47	26.38		
15	1	36		25.58	25.61	26.50		
15	18	9		25.60	25.58	26.50		
15	1	0		24.58	24.47	25.48		
15	1	37		24.47	24.55	25.33		
15	36	0		23.69	23.44	24.45		
15	1	1	16-QAM	24.71	24.79	25.69	23.99	0.2506
15	1	1	64-QAM	23.01	22.79	23.99		
15	1	1	256-QAM	21.00	21.04	21.84		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	25.57	25.49	26.48	24.83	0.3041
20	1	49		25.56	25.58	26.39		
20	25	12		25.50	25.55	26.46		
20	1	0		24.98	24.99	25.96		
20	1	50		24.96	25.18	25.96		
20	50	0		24.12	24.04	24.97		
20	1	1	QPSK	25.63	25.56	26.53		
20	1	49		25.39	25.49	26.44		
20	25	12		25.53	25.44	26.43		
20	1	0		24.49	24.61	25.39		
20	1	50		24.41	24.66	25.25		
20	50	0		23.55	23.64	24.47		
20	1	1	16-QAM	24.63	24.65	25.69	23.99	0.2506
20	1	1	64-QAM	23.23	22.84	24.23		
20	1	1	256-QAM	21.21	21.23	21.94		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	25.57	25.54	26.59	24.91	0.3097
30	1	76		25.55	25.53	26.48		
30	36	18		25.58	25.64	26.61		
30	1	0		25.09	25.00	25.99		
30	1	77		25.00	25.05	25.98		
30	75	0		23.98	23.94	25.14		
30	1	1	QPSK	25.51	25.57	26.60		
30	1	76		25.47	25.53	26.51		
30	36	18		25.51	25.49	26.52		
30	1	0		24.61	24.64	25.53		
30	1	77		24.51	24.60	25.32		
30	75	0		23.63	23.46	24.58		
30	1	1	16-QAM	24.65	24.76	25.70	24.00	0.2512
30	1	1	64-QAM	22.97	22.97	24.01		
30	1	1	256-QAM	21.15	21.19	22.25		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	25.47	25.58	26.40	24.89	0.3083
40	1	104		25.30	25.57	26.36		
40	50	25		25.59	25.45	26.52		
40	1	0		25.06	25.11	25.97		
40	1	105		24.81	25.06	25.89		
40	100	0		24.01	24.04	25.03		
40	1	1	QPSK	25.52	25.53	26.58		
40	1	104		25.34	25.50	26.48		
40	50	25		25.45	25.63	26.59		
40	1	0		24.57	24.51	25.46		
40	1	105		24.37	24.56	25.45		
40	100	0		23.53	23.50	24.43		
40	1	1	16-QAM	24.63	24.79	25.69	23.99	0.2506
40	1	1	64-QAM	23.03	22.72	24.01		
40	1	1	256-QAM	21.26	21.07	22.12		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	25.57	25.67	26.42	24.86	0.3062
50	1	131		25.48	25.55	26.43		
50	64	32		25.42	25.62	26.53		
50	1	0		25.00	25.15	25.85		
50	1	132		24.97	25.01	25.94		
50	128	0		23.89	24.14	25.03		
50	1	1	QPSK	25.58	25.50	26.53		
50	1	131		25.55	25.61	26.33		
50	64	32		25.48	25.52	26.56		
50	1	0		24.52	24.56	25.34		
50	1	132		24.37	24.53	26.43		
50	128	0		23.44	23.64	24.50		
50	1	1	16-QAM	24.58	24.79	25.46	23.76	0.2377
50	1	1	64-QAM	23.13	23.14	23.94		
50	1	1	256-QAM	21.02	21.16	21.83		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	25.61	25.70	26.46	24.81	0.3027
60	1	160		25.36	25.46	26.31		
60	81	40		25.52	25.62	26.50		
60	1	0		25.01	25.29	25.98		
60	1	161		24.97	24.90	25.89		
60	162	0		23.93	24.07	25.04		
60	1	1	QPSK	25.56	25.72	26.35		
60	1	160		25.41	25.53	26.39		
60	81	40		25.45	25.52	26.51		
60	1	0		24.59	24.67	25.53		
60	1	161		24.45	24.52	25.39		
60	162	0		23.53	23.52	24.45		
60	1	1	16-QAM	24.56	24.71	25.48	23.78	0.2388
60	1	1	64-QAM	23.25	23.21	24.00		
60	1	1	256-QAM	21.10	21.32	21.94		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	25.61	25.59	26.65	24.95	0.3126
80	1	215		25.14	25.40	26.38		
80	108	54		25.49	25.57	26.38		
80	1	0		25.07	25.23	26.07		
80	1	216		24.84	24.84	25.80		
80	216	0		23.89	24.03	24.86		
80	1	1	QPSK	25.74	25.64	26.51		
80	1	215		25.33	25.38	26.38		
80	108	54		25.37	25.50	26.49		
80	1	0		24.74	24.75	25.51		
80	1	216		24.23	24.36	25.30		
80	216	0		23.50	23.62	24.41		
80	1	1	16-QAM	24.50	24.74	25.66	23.96	0.2489
80	1	1	64-QAM	23.12	23.13	24.16		
80	1	1	256-QAM	21.29	21.26	22.28		
Limit	EIRP < 2W			Result			Pass	



NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	25.62	25.69	26.55	24.85	0.3055
90	1	243		25.37	25.59	26.50		
90	120	60		25.48	25.48	25.47		
90	1	0		25.19	25.20	25.96		
90	1	244		24.96	25.02	25.83		
90	240	0		23.93	24.07	24.86		
90	1	1	QPSK	25.63	25.72	26.54		
90	1	243		25.38	25.50	26.34		
90	120	60		25.45	25.64	26.55		
90	1	0		24.56	24.81	25.47		
90	1	244		24.46	24.51	25.40		
90	240	0		23.52	23.50	24.33		
90	1	1	16-QAM	24.50	24.82	25.65	23.95	0.2483
90	1	1	64-QAM	23.11	23.38	24.19		
90	1	1	256-QAM	21.10	21.34	22.07		
Limit	EIRP < 2W			Result			Pass	

NR n41 HPUE Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	25.64	25.70	26.51	24.81	0.3027
100	1	271		25.37	25.46	26.20		
100	135	67		23.92	25.45	26.35		
100	1	0		25.26	25.26	26.13		
100	1	272		24.91	25.07	25.72		
100	270	0		23.90	24.13	24.82		
100	1	1	QPSK	25.68	25.72	26.46		
100	1	271		25.35	25.43	26.23		
100	135	67		25.52	25.58	26.36		
100	1	0		24.77	24.69	25.56		
100	1	272		24.47	24.46	25.31		
100	270	0		23.45	23.64	24.49		
100	1	1	16-QAM	24.87	24.66	25.48	23.78	0.2388
100	1	1	64-QAM	23.01	23.33	24.09		
100	1	1	256-QAM	21.28	21.29	22.00		
Limit	EIRP < 2W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
5	1	1	PI/2 BPSK	24.84	24.88	24.83	21.89	0.1545
5	1	23		25.18	25.11	24.74		
5	12	6		25.12	25.04	24.94		
5	1	0		24.54	24.56	24.58		
5	1	24		24.98	24.70	24.43		
5	25	0		25.00	24.80	24.55		
5	1	1	QPSK	24.78	24.97	24.69		
5	1	23		25.18	25.10	24.61		
5	12	6		25.19	25.12	25.00		
5	1	0		23.94	24.08	23.83		
5	1	24		24.49	24.37	23.81		
5	25	0		24.48	24.38	24.06		
5	1	1	16-QAM	24.15	24.12	23.98	20.85	0.1216
5	1	1	64-QAM	23.10	22.82	22.67		
5	1	1	256-QAM	19.76	20.16	20.73		
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	24.77	24.83	24.84	21.89	0.1545
10	1	50		25.14	25.18	24.75		
10	25	12		25.19	25.16	24.98		
10	1	0		24.49	24.43	24.36		
10	1	51		25.11	24.93	24.49		
10	50	0		25.11	24.76	24.62		
10	1	1	QPSK	24.59	24.60	24.78		
10	1	50		25.12	25.09	24.59		
10	25	12		25.17	25.13	24.98		
10	1	0		23.78	23.83	23.89		
10	1	51		24.79	24.46	23.94		
10	50	0		24.47	24.25	24.02		
10	1	1	16-QAM	23.82	23.82	23.94	20.64	0.1159
10	1	1	64-QAM	22.58	22.72	22.95		
10	1	1	256-QAM	19.91	19.97	20.58		
Limit	EIRP < 1W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	24.20	24.36	24.06	21.90	0.1549
15	1	77		25.14	24.92	24.07		
15	36	18		25.20	25.05	24.76		
15	1	0		23.70	24.00	23.70		
15	1	78		24.82	24.44	23.77		
15	75	0		24.79	24.51	24.31		
15	1	1	QPSK	24.23	24.22	24.17	21.90	0.1549
15	1	77		25.18	24.99	24.11		
15	36	18		25.16	24.99	24.83		
15	1	0		23.24	23.54	23.30		
15	1	78		24.18	24.09	23.23		
15	75	0		24.41	24.21	23.74		
15	1	1	16-QAM	23.13	23.64	23.52	20.34	0.1081
15	1	1	64-QAM	22.21	22.40	22.27		
15	1	1	256-QAM	19.32	19.42	20.32		
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	24.63	25.02	24.83	21.90	0.1549
20	1	104		25.18	25.17	24.81		
20	50	25		25.12	25.12	25.06		
20	1	0		24.34	24.56	24.53		
20	1	105		25.11	25.20	24.63		
20	100	0		25.20	24.91	24.62		
20	1	1	QPSK	24.94	24.81	24.51	21.90	0.1549
20	1	104		25.19	25.11	24.81		
20	50	25		25.12	25.19	25.00		
20	1	0		23.84	24.03	23.91		
20	1	105		24.61	24.74	24.01		
20	100	0		24.70	24.45	24.02		
20	1	1	16-QAM	23.95	24.00	23.71	20.70	0.1175
20	1	1	64-QAM	22.87	22.78	22.64		
20	1	1	256-QAM	19.97	20.36	21.01		
Limit	EIRP < 1W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	24.84	25.14	23.72	21.89	0.1545
25	1	131		25.11	25.14	24.42		
25	64	32		25.15	25.19	24.45		
25	1	0		24.28	24.47	23.57		
25	1	132		25.03	25.14	24.13		
25	128	0		24.93	24.80	24.13		
25	1	1	QPSK	24.68	25.18	23.98		
25	1	131		25.19	25.15	24.28		
25	64	32		25.12	25.08	24.41		
25	1	0		23.61	24.13	23.16		
25	1	132		24.48	24.94	23.46		
25	128	0		24.21	24.25	23.49		
25	1	1	16-QAM	23.71	24.32	23.26	21.02	0.1265
25	1	1	64-QAM	22.69	22.98	22.09		
25	1	1	256-QAM	20.16	20.24	20.57		
Limit	EIRP < 1W			Result			Pass	

NR n66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	24.77	25.12	24.03	21.89	0.1545
30	1	158		25.18	25.19	24.82		
30	80	40		25.16	25.14	24.60		
30	1	0		24.49	24.93	23.79		
30	1	159		25.13	25.12	24.43		
30	160	0		25.14	24.97	24.33		
30	1	1	QPSK	24.88	25.18	24.05		
30	1	158		25.14	25.13	24.69		
30	80	40		25.10	25.13	24.55		
30	1	0		24.01	24.18	23.23		
30	1	159		24.55	25.18	23.87		
30	160	0		24.42	24.49	23.57		
30	1	1	16-QAM	24.05	24.08	23.13	20.78	0.1197
30	1	1	64-QAM	23.11	23.12	22.08		
30	1	1	256-QAM	20.10	20.53	20.51		
Limit	EIRP < 1W			Result			Pass	



NR n66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	24.93	25.16	24.12	21.89	0.1545
40	1	214		25.12	25.13	25.18		
40	108	54		25.10	25.16	24.92		
40	1	0		24.48	24.93	24.12		
40	1	215		25.19	25.15	25.17		
40	216	0		24.96	25.17	24.62		
40	1	1	QPSK	24.88	25.17	24.30	21.89	0.1545
40	1	214		25.12	25.16	25.16		
40	108	54		25.11	25.12	25.05		
40	1	0		23.93	24.42	23.43		
40	1	215		24.88	25.18	24.48		
40	216	0		24.57	24.57	24.18		
40	1	1	16-QAM	23.99	24.55	24.52	21.25	0.1334
40	1	1	64-QAM	22.99	23.39	22.42		
40	1	1	256-QAM	20.12	20.59	19.96		
Limit	EIRP < 1W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.62	23.60	24.66	23.04	0.2014
10	1	22		23.60	23.51	24.74		
10	12	6		23.52	23.52	24.72		
10	1	0		23.12	23.07	24.15		
10	1	23		23.19	22.97	24.14		
10	24	0		23.12	23.15	24.21		
10	1	1	QPSK	23.60	23.53	24.50		
10	1	22		23.70	23.43	24.46		
10	12	6		23.54	23.65	24.65		
10	1	0		22.62	22.61	23.53		
10	1	23		22.52	22.42	23.70		
10	24	0		22.66	22.64	23.62		
10	1	1	16-QAM	22.69	22.53	23.79	22.09	0.1618
10	1	1	64-QAM	21.06	21.03	22.12		
10	1	1	256-QAM	19.01	19.10	20.13		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.67	23.56	24.51	23.20	0.2089
15	1	36		23.60	23.39	24.90		
15	18	9		23.73	23.49	24.70		
15	1	0		23.10	23.06	24.16		
15	1	37		23.09	23.11	24.31		
15	36	0		23.21	22.98	24.13		
15	1	1	QPSK	23.52	23.56	24.51		
15	1	36		23.82	23.52	24.66		
15	18	9		23.58	23.50	24.74		
15	1	0		22.57	22.58	23.63		
15	1	37		22.73	22.53	23.66		
15	36	0		22.64	22.63	23.65		
15	1	1	16-QAM	22.70	22.54	23.62	21.92	0.1556
15	1	1	64-QAM	21.34	21.21	22.17		
15	1	1	256-QAM	19.11	19.06	20.05		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.60	24.47	24.58	23.14	0.2061
20	1	49		23.59	24.43	24.71		
20	25	12		23.57	24.63	24.78		
20	1	0		23.10	23.99	24.16		
20	1	50		23.05	24.00	24.19		
20	50	0		23.10	24.12	24.30		
20	1	1	QPSK	23.66	23.70	24.60		
20	1	49		23.61	23.53	24.78		
20	25	12		23.56	23.49	24.84		
20	1	0		22.62	22.62	23.60		
20	1	50		22.66	22.49	23.73		
20	50	0		22.57	22.57	23.63		
20	1	1	16-QAM	22.65	22.77	23.67	21.97	0.1574
20	1	1	64-QAM	21.18	21.16	22.55		
20	1	1	256-QAM	18.93	19.67	20.52		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	23.39	23.48	24.04	22.55	0.1799
30	1	76		23.39	23.13	24.25		
30	36	18		23.59	23.49	24.20		
30	1	0		22.83	22.97	23.46		
30	1	77		22.90	22.70	23.65		
30	75	0		23.02	22.87	23.68		
30	1	1	QPSK	23.61	23.60	24.16		
30	1	76		23.48	23.26	24.24		
30	36	18		23.63	23.45	24.25		
30	1	0		22.47	22.44	23.21		
30	1	77		22.46	22.30	23.26		
30	75	0		22.52	22.42	23.29		
30	1	1	16-QAM	22.67	22.44	23.15	21.45	0.1396
30	1	1	64-QAM	21.03	20.85	21.74		
30	1	1	256-QAM	18.97	18.95	20.28		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	23.53	23.48	24.25	22.55	0.1799
40	1	104		23.42	23.34	24.20		
40	50	25		23.59	23.36	24.11		
40	1	0		23.04	22.92	23.69		
40	1	105		22.92	22.79	23.69		
40	100	0		23.13	22.98	23.64		
40	1	1	QPSK	23.64	23.50	24.22		
40	1	104		23.41	23.22	24.19		
40	50	25		23.70	23.47	24.17		
40	1	0		22.72	22.58	23.42		
40	1	105		22.33	22.30	23.16		
40	100	0		22.51	22.41	23.26		
40	1	1	16-QAM	22.58	22.69	23.37	21.67	0.1469
40	1	1	64-QAM	21.18	20.80	21.79		
40	1	1	256-QAM	19.06	18.87	19.80		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	23.55	23.56	24.27	22.65	0.1841
50	1	131		23.28	23.32	24.25		
50	64	32		23.57	23.39	24.27		
50	1	0		22.98	22.97	23.78		
50	1	132		22.76	22.63	23.90		
50	128	0		23.12	22.87	23.79		
50	1	1	QPSK	23.63	23.38	24.31		
50	1	131		23.41	23.22	24.24		
50	64	32		23.63	23.41	24.35		
50	1	0		22.56	22.49	23.28		
50	1	132		22.31	22.27	23.39		
50	128	0		22.65	22.38	23.24		
50	1	1	16-QAM	22.75	22.41	23.29	21.59	0.1442
50	1	1	64-QAM	21.01	21.04	21.80		
50	1	1	256-QAM	18.95	18.88	19.74		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	23.75	23.50	24.26	22.62	0.1828
60	1	160		23.37	23.21	24.09		
60	81	40		23.59	23.43	24.21		
60	1	0		23.17	22.86	23.65		
60	1	161		22.85	22.67	23.57		
60	162	0		23.07	22.76	23.59		
60	1	1	QPSK	23.63	23.49	24.32		
60	1	160		23.17	23.18	24.14		
60	81	40		23.49	23.40	24.10		
60	1	0		23.69	22.53	23.25		
60	1	161		22.29	22.20	23.02		
60	162	0		22.48	22.28	23.08		
60	1	1	16-QAM	22.81	22.58	23.42	21.72	0.1486
60	1	1	64-QAM	21.31	21.09	21.81		
60	1	1	256-QAM	19.36	19.05	19.49		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	24.56	24.69	24.94	23.27	0.2123
80	1	215		24.38	24.55	24.92		
80	108	54		24.46	24.54	24.95		
80	1	0		24.30	24.17	24.96		
80	1	216		23.92	23.97	24.79		
80	216	0		24.00	24.16	24.89		
80	1	1	QPSK	24.79	24.76	24.92		
80	1	215		24.24	24.48	24.92		
80	108	54		24.46	24.58	24.97		
80	1	0		23.79	23.71	24.54		
80	1	216		23.40	23.49	24.27		
80	216	0		23.48	23.49	24.49		
80	1	1	16-QAM	23.74	23.81	24.59	22.89	0.1945
80	1	1	64-QAM	22.27	22.24	23.03		
80	1	1	256-QAM	20.23	20.16	20.81		
Limit	EIRP < 2W			Result			Pass	



NR n41 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	24.63	24.71	24.96	23.29	0.2133
90	1	243		24.55	24.41	24.98		
90	120	60		24.58	24.52	24.96		
90	1	0		24.26	24.21	24.97		
90	1	244		23.98	23.95	24.83		
90	240	0		24.19	24.02	24.97		
90	1	1	QPSK	24.72	24.61	24.99		
90	1	243		24.46	24.67	24.92		
90	120	60		24.63	24.66	24.98		
90	1	0		24.21	23.66	24.50		
90	1	244		24.04	23.51	24.47		
90	240	0		24.10	23.52	24.44		
90	1	1	16-QAM	23.77	23.86	24.69	22.99	0.1991
90	1	1	64-QAM	22.11	22.32	23.10		
90	1	1	256-QAM	20.17	20.01	21.06		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	24.94	24.71	24.93	23.30	0.2138
100	1	271		24.62	24.63	24.94		
100	135	67		24.75	24.69	25.00		
100	1	0		24.51	24.37	24.92		
100	1	272		24.07	24.21	24.84		
100	270	0		24.15	24.03	24.93		
100	1	1	QPSK	24.98	24.80	24.99		
100	1	271		24.53	24.65	24.98		
100	135	67		24.63	24.68	24.95		
100	1	0		24.02	23.90	24.99		
100	1	272		23.66	23.67	24.91		
100	270	0		23.74	23.68	24.93		
100	1	1	16-QAM	23.90	23.80	24.72	23.02	0.2004
100	1	1	64-QAM	22.42	22.36	23.09		
100	1	1	256-QAM	20.71	20.26	20.79		
Limit	EIRP < 2W			Result			Pass	



FR1 n5

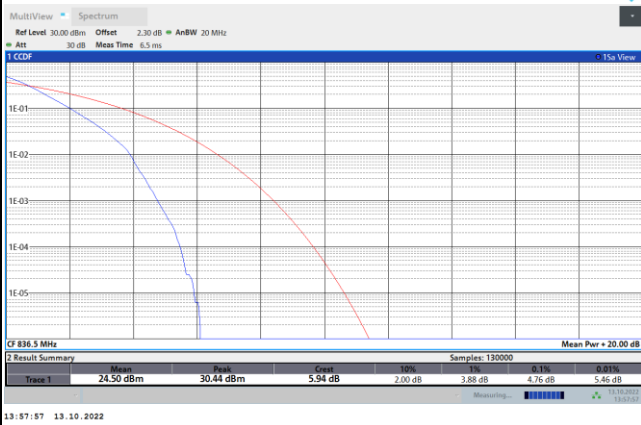
Peak-to-Average Ratio

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	4.76	5.92	6.36	6.46	PASS
Mode	FR1 n5 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.68				PASS

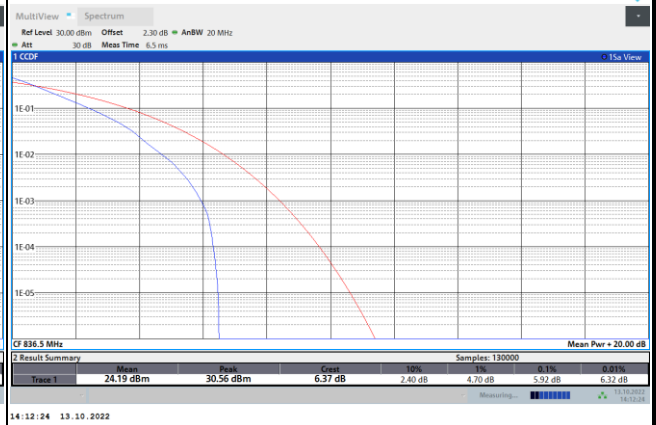


FR1 n5 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

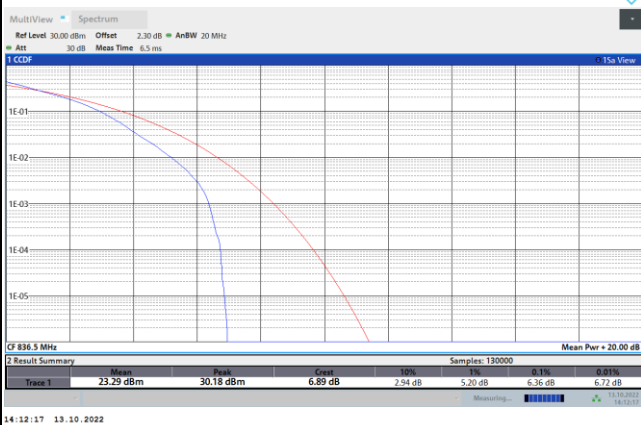
PI/2 BPSK



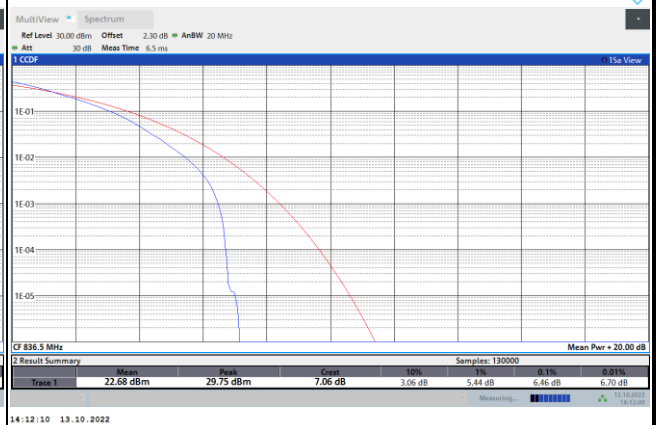
QPSK



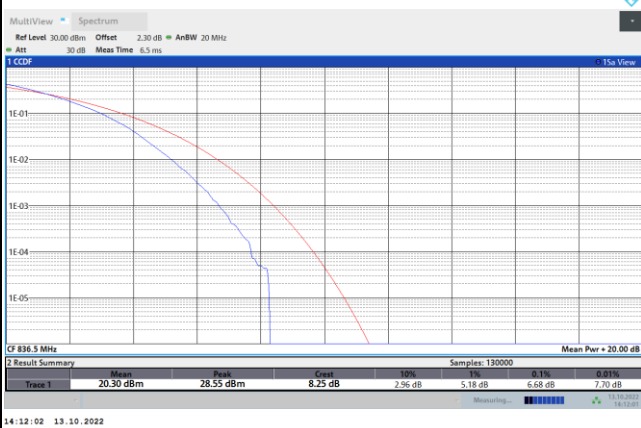
16QAM



64QAM



256QAM





26dB Bandwidth

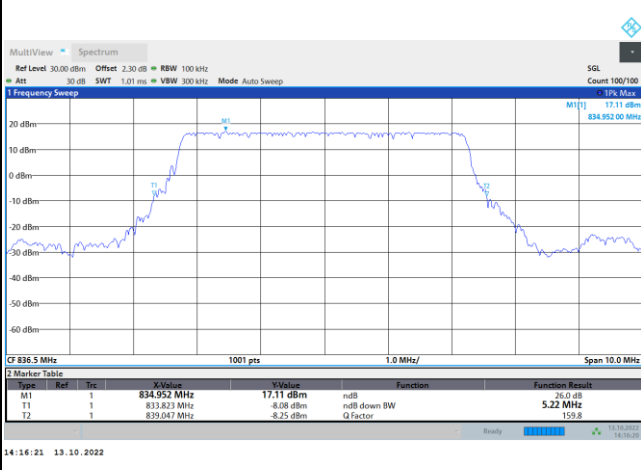
Mode	FR1 n5 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	5.23		9.59		14.18		18.86	

Mode	FR1 n5 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.01	5.10	10.09	9.93	15.20	14.96	20.02	20.18
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	5.06	5.03	9.99	9.87	15.20	15.14	19.94	20.30



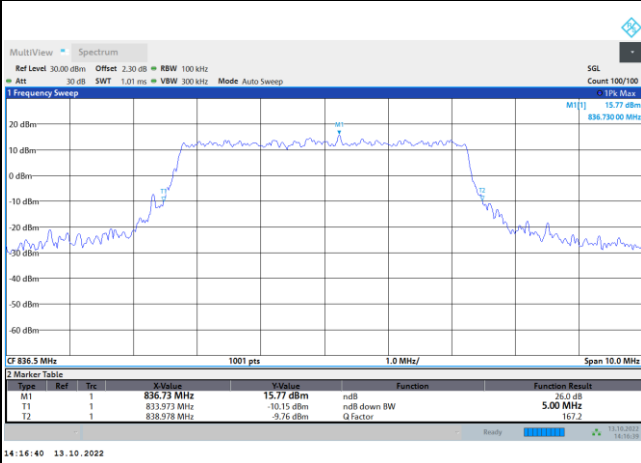
FR1 n5 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

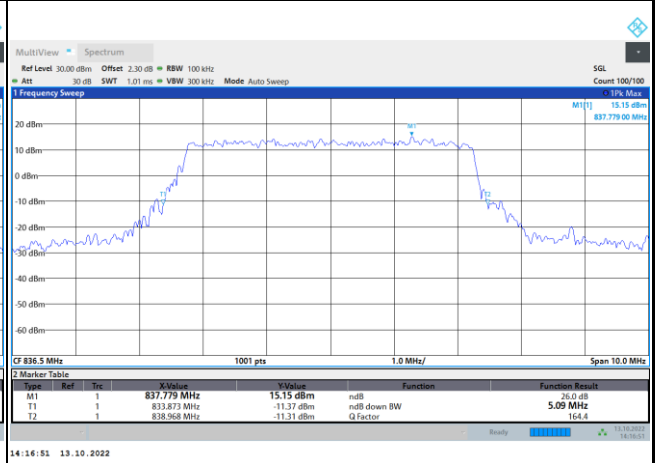


FR1 n5 / 5MHz / CP OFDM / Middle Channel / Full RB

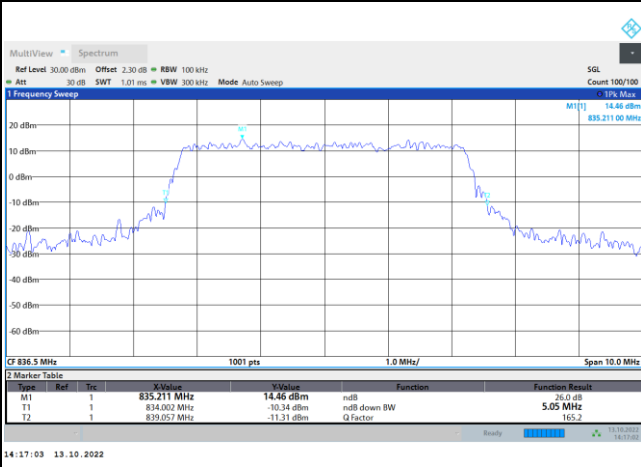
QPSK



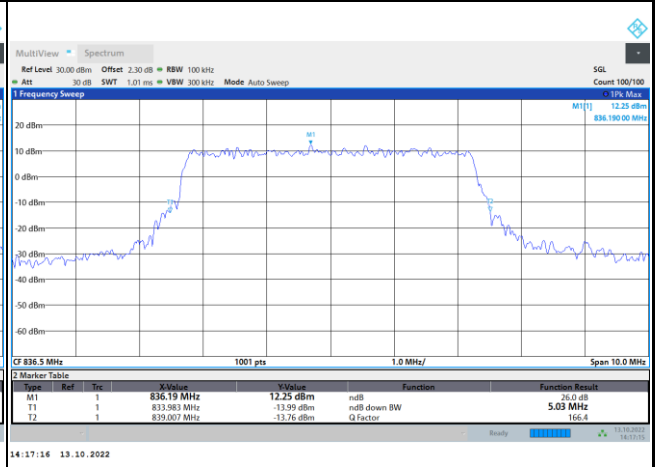
16QAM



64QAM



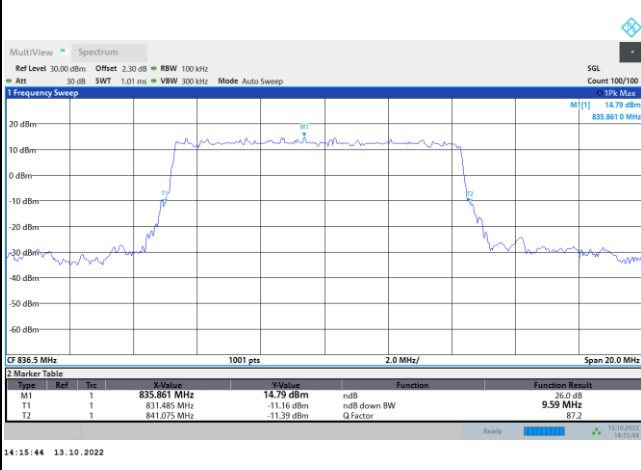
256QAM





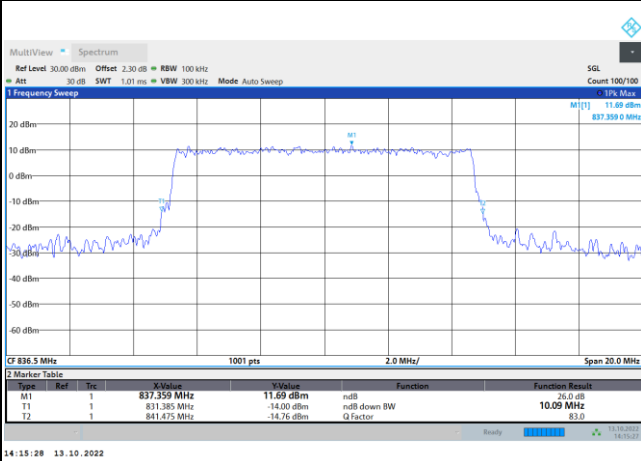
FR1 n5 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

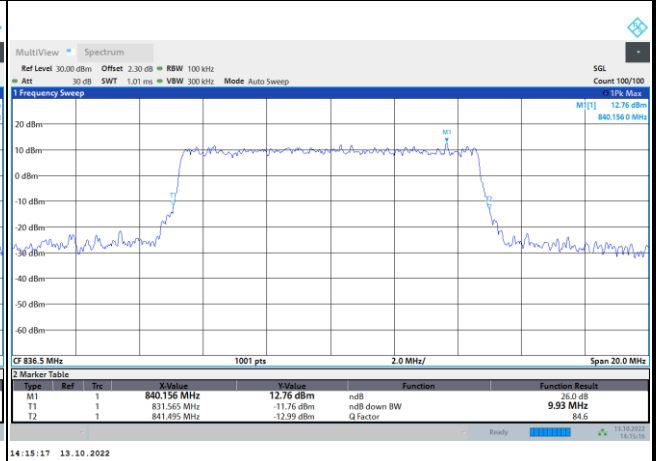


FR1 n5 / 10MHz / CP OFDM / Middle Channel / Full RB

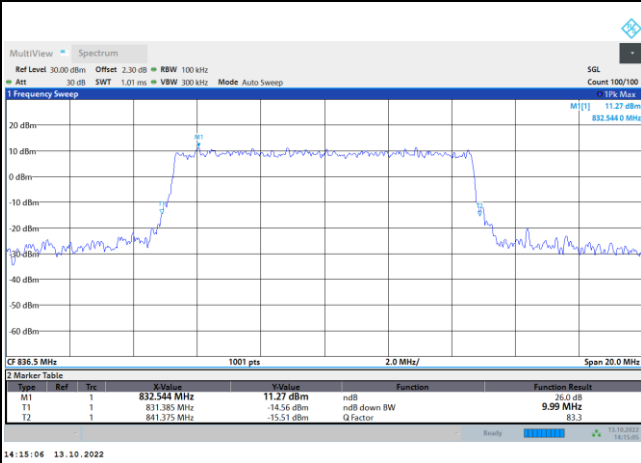
QPSK



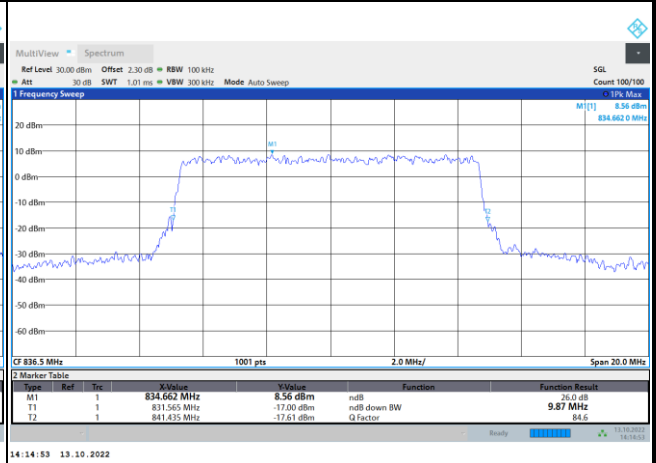
16QAM



64QAM



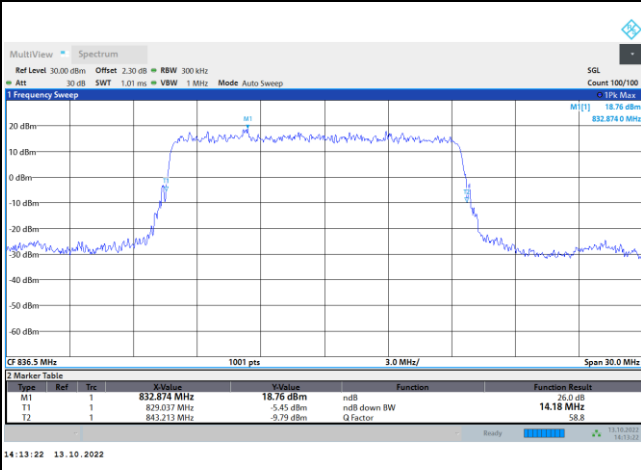
256QAM





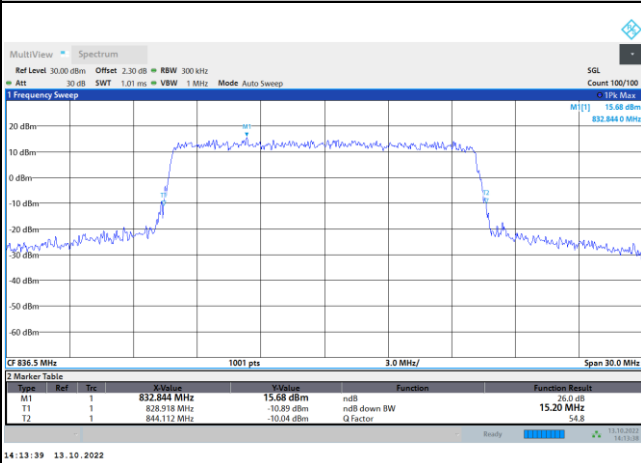
FR1 n5 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

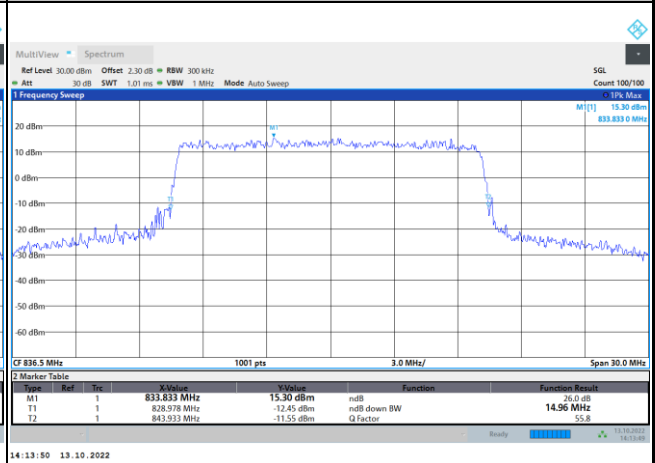


FR1 n5 / 15MHz / CP OFDM / Middle Channel / Full RB

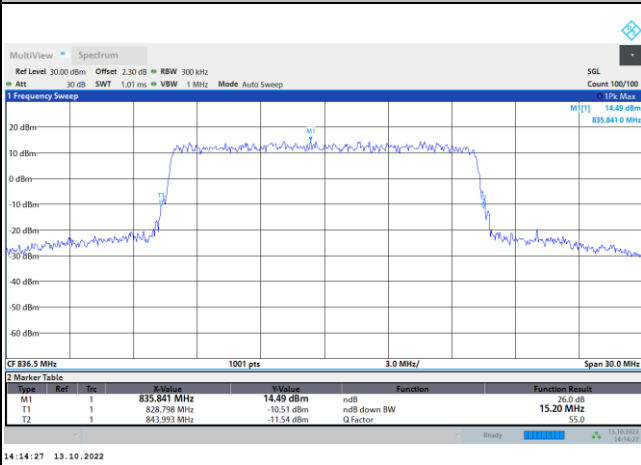
QPSK



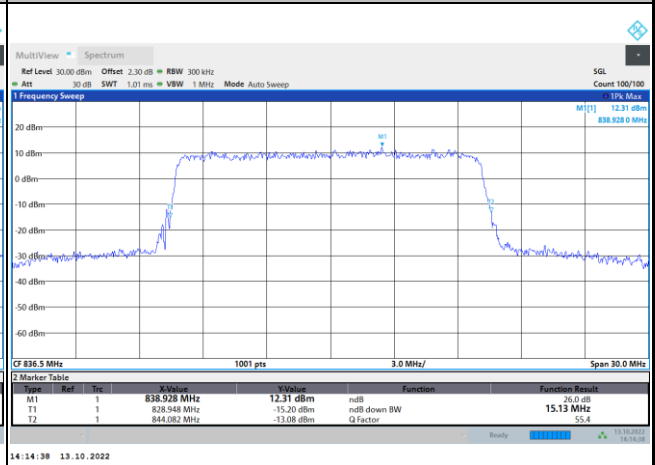
16QAM



64QAM



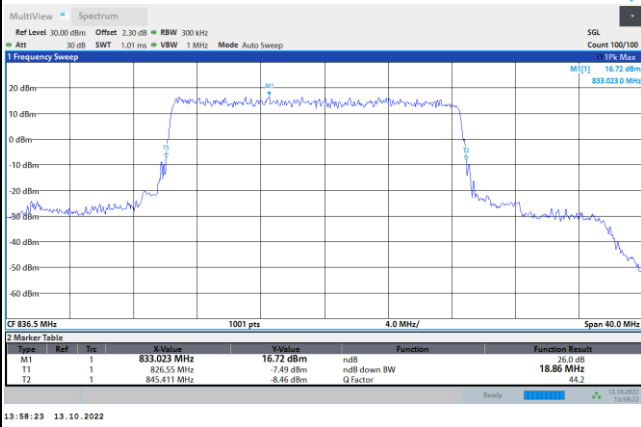
256QAM





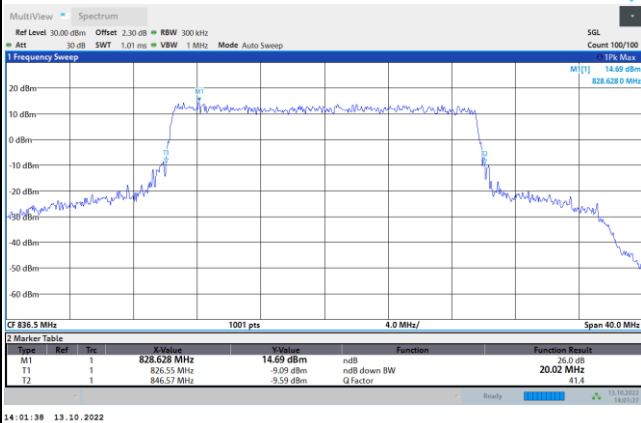
FR1 n5 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

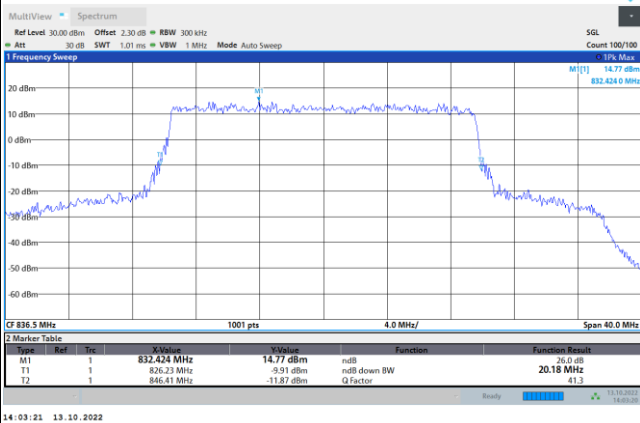


FR1 n5 / 20MHz / CP OFDM / Middle Channel / Full RB

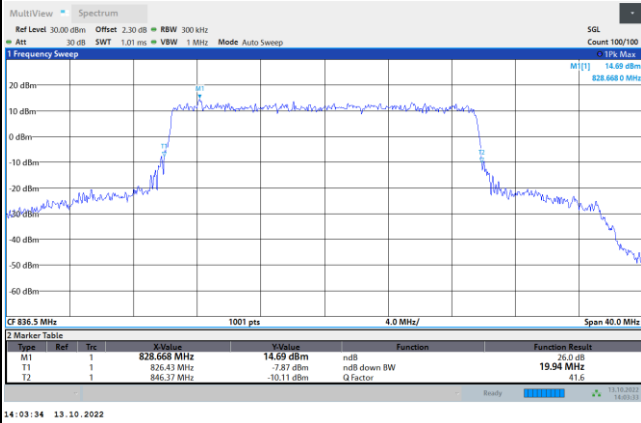
QPSK



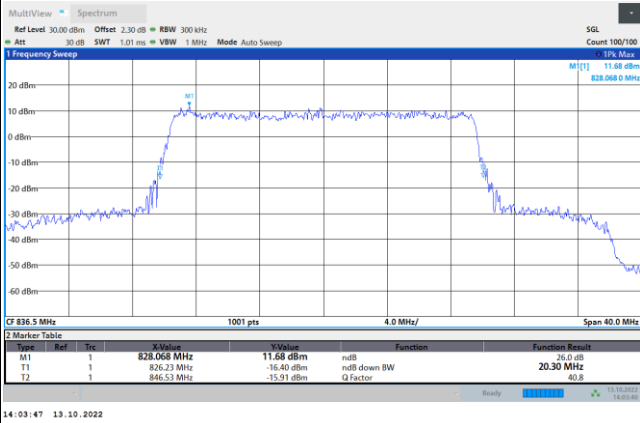
16QAM



64QAM



256QAM





Occupied Bandwidth

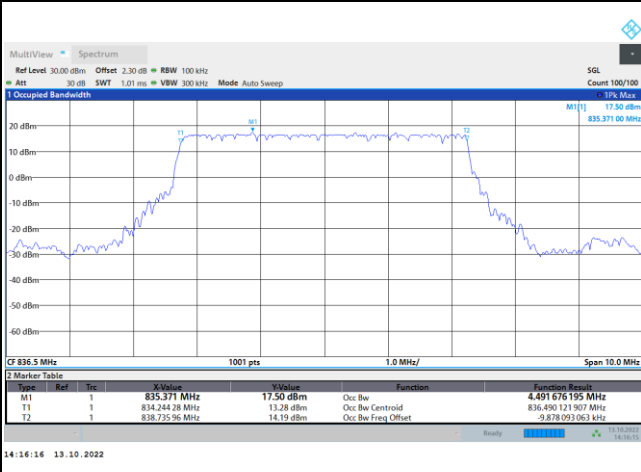
Mode	FR1 n5 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.49		8.96		13.48		17.90	

Mode	FR1 n5 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.50	4.52	9.28	9.28	14.09	14.12	18.95	18.95
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.53	4.49	9.29	9.30	14.16	14.14	18.96	19.00



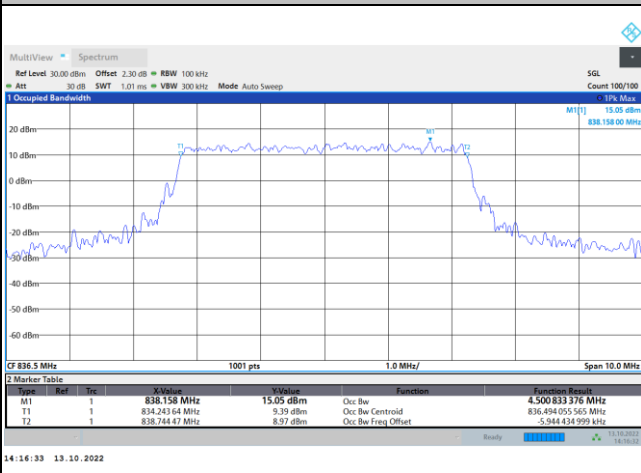
FR1 n5 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

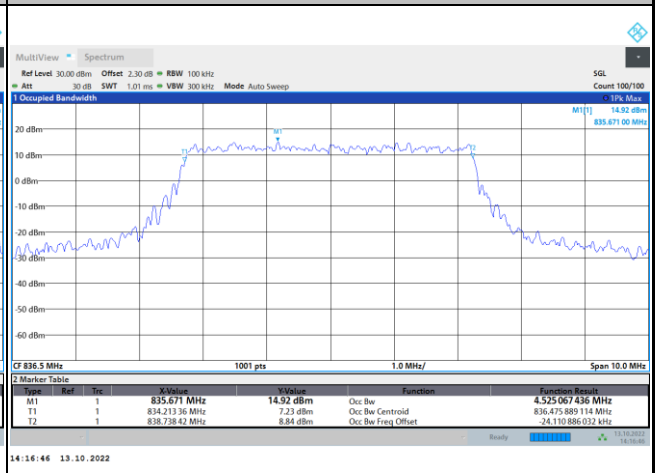


FR1 n5 / 5MHz / CP OFDM / Middle Channel / Full RB

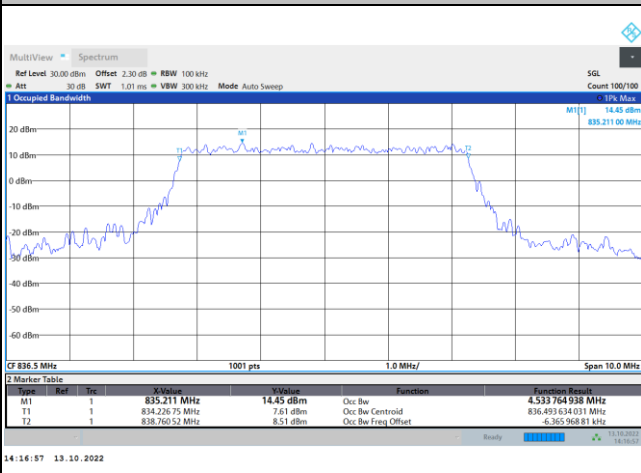
QPSK



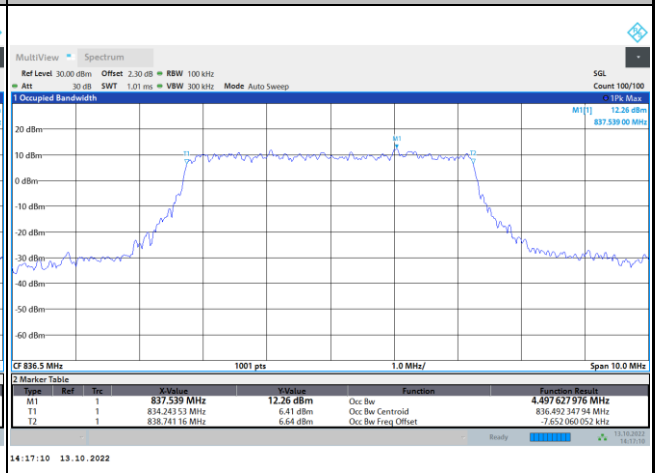
16QAM



64QAM



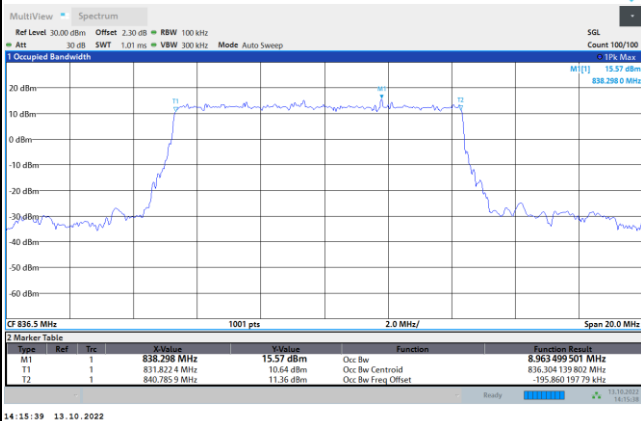
256QAM





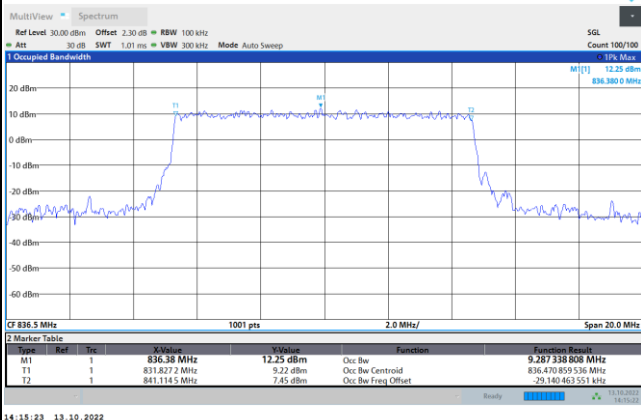
FR1 n5 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

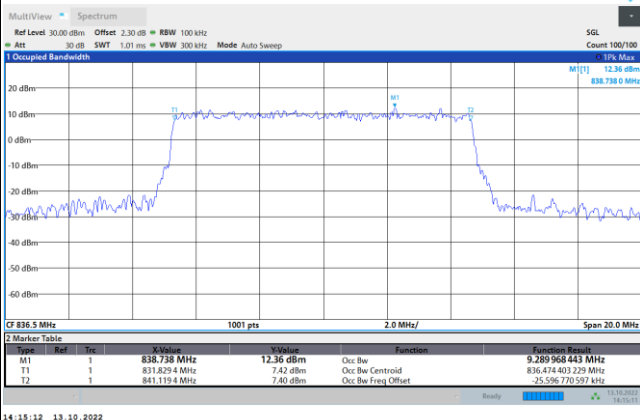


FR1 n5 / 10MHz / CP OFDM / Middle Channel / Full RB

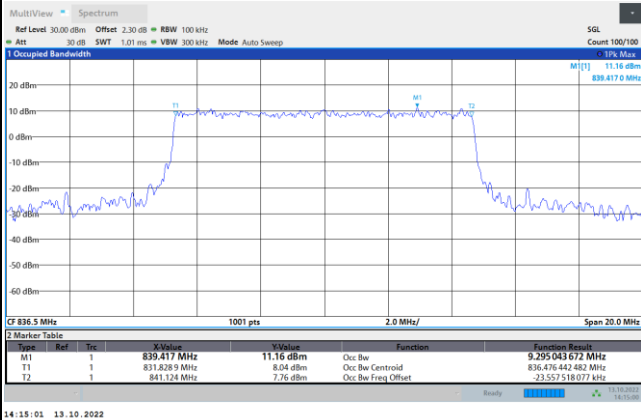
QPSK



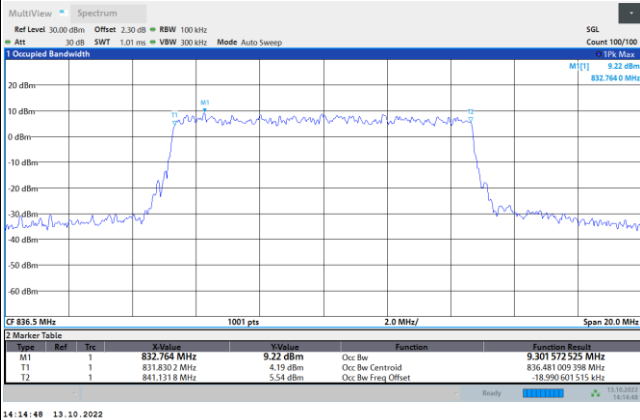
16QAM



64QAM



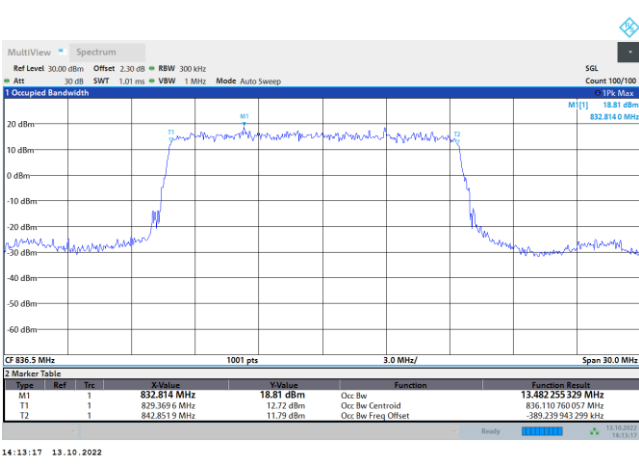
256QAM





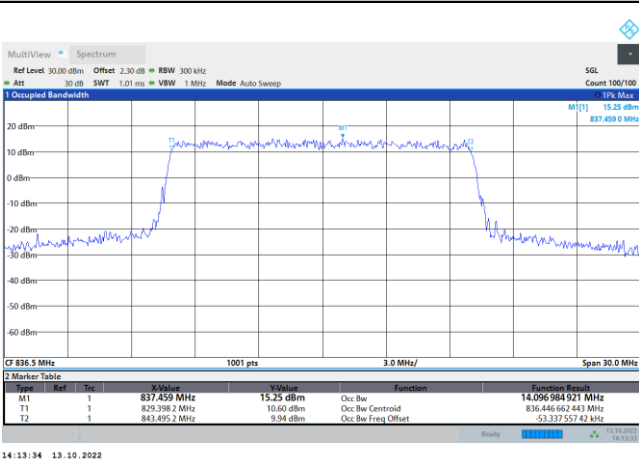
FR1 n5 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

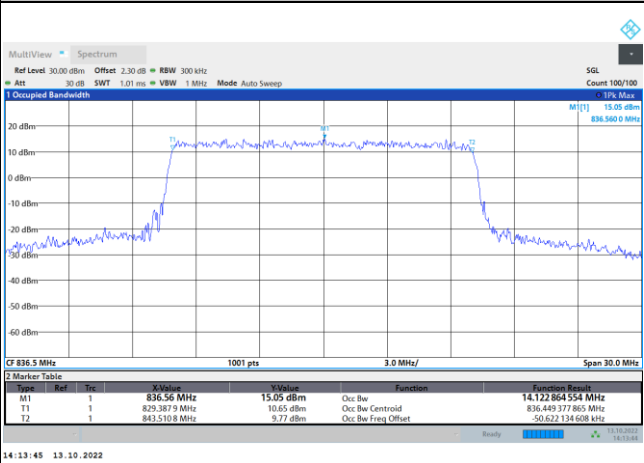


FR1 n5 / 15MHz / CP OFDM / Middle Channel / Full RB

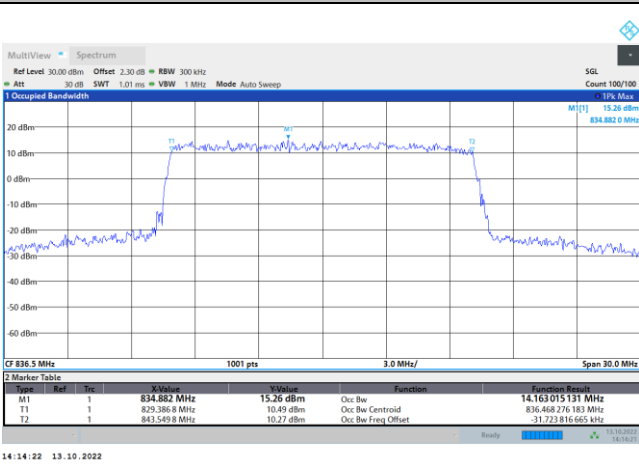
QPSK



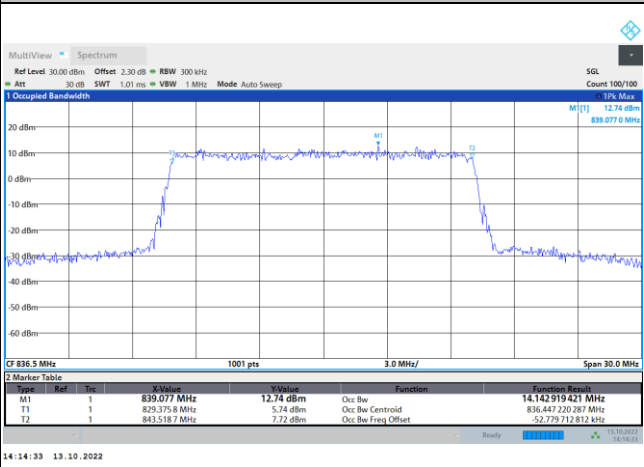
16QAM



64QAM



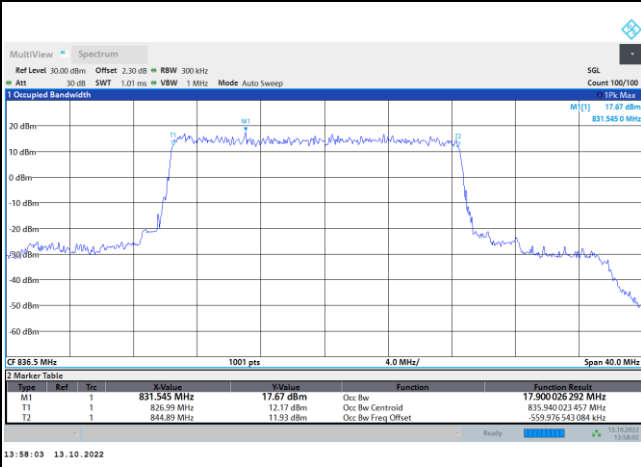
256QAM





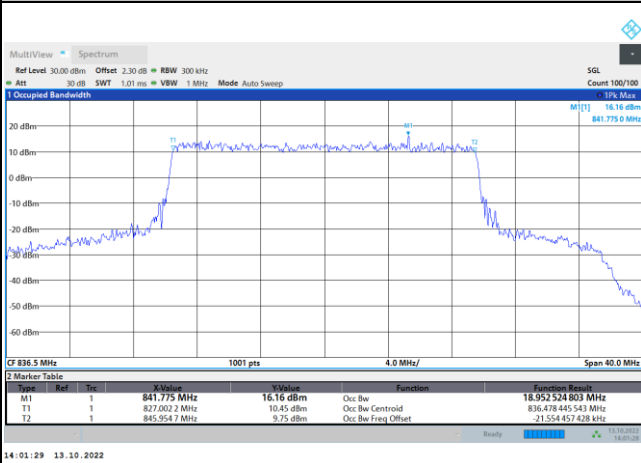
FR1 n5 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

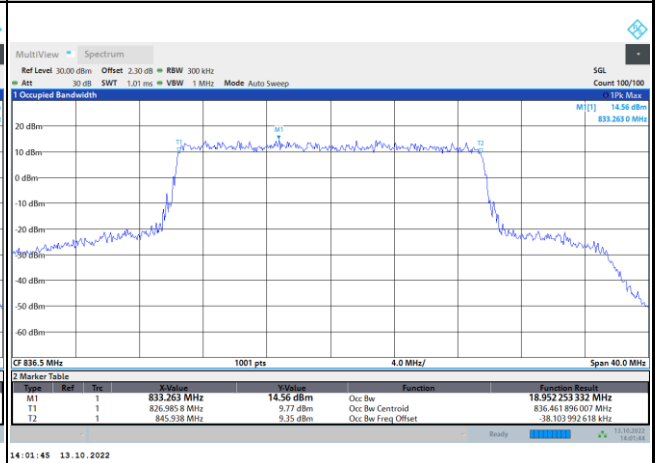


FR1 n5 / 20MHz / CP OFDM / Middle Channel / Full RB

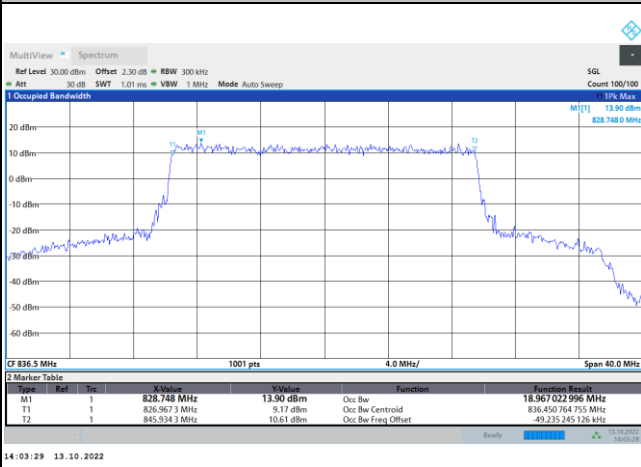
QPSK



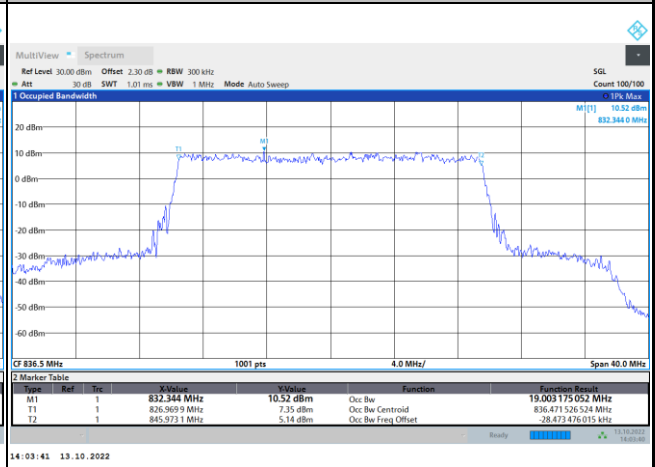
16QAM



64QAM



256QAM



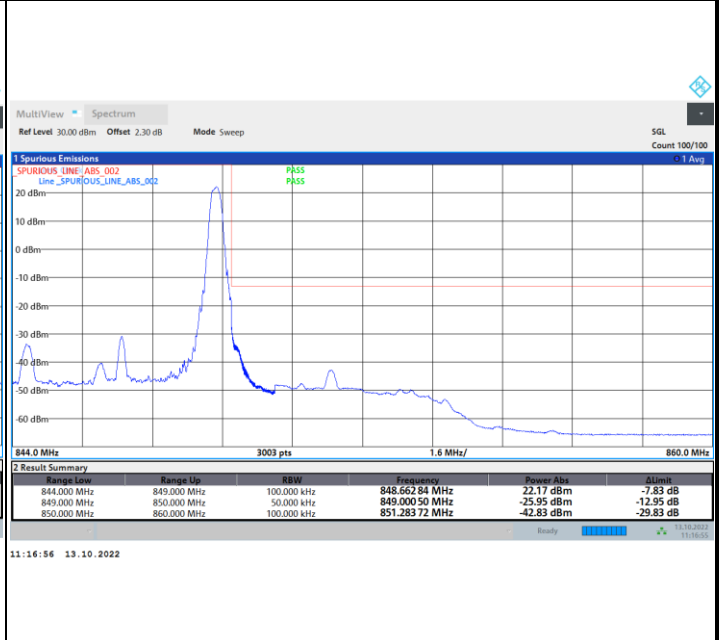
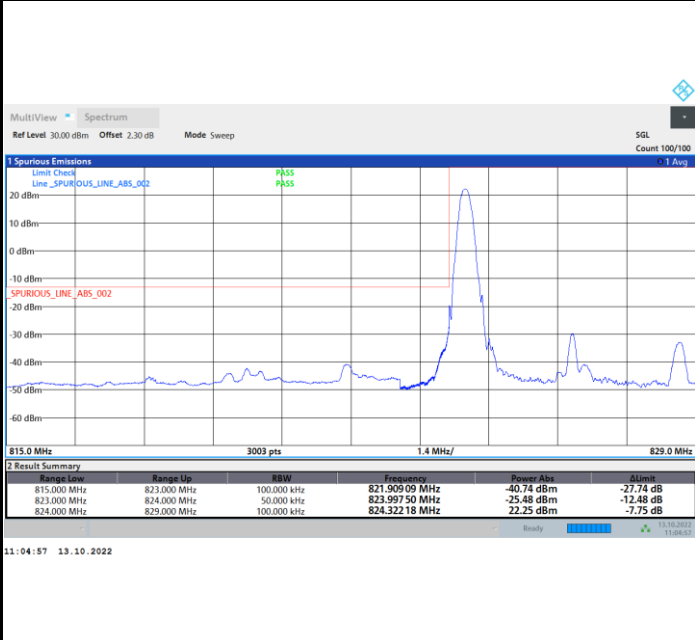


Conducted Band Edge

FR1 n5 / 5MHz / DFT-S OFDM / PI/2 BPSK

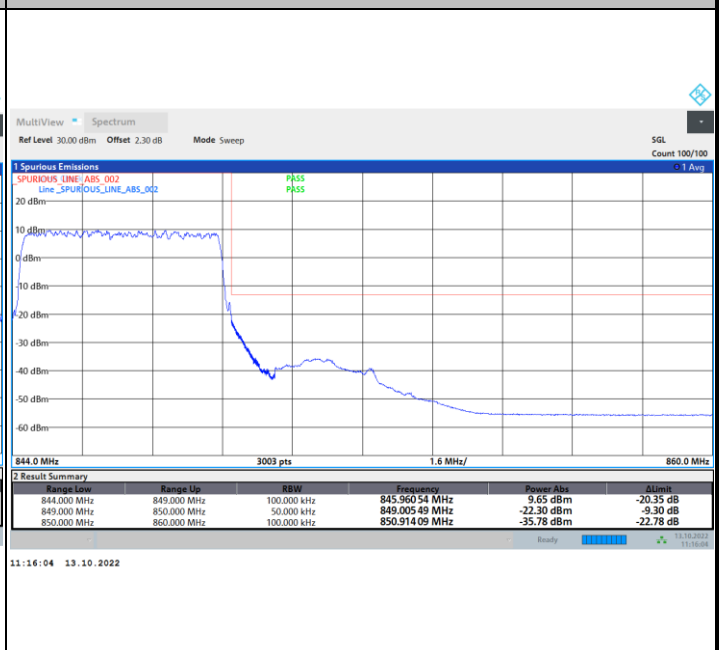
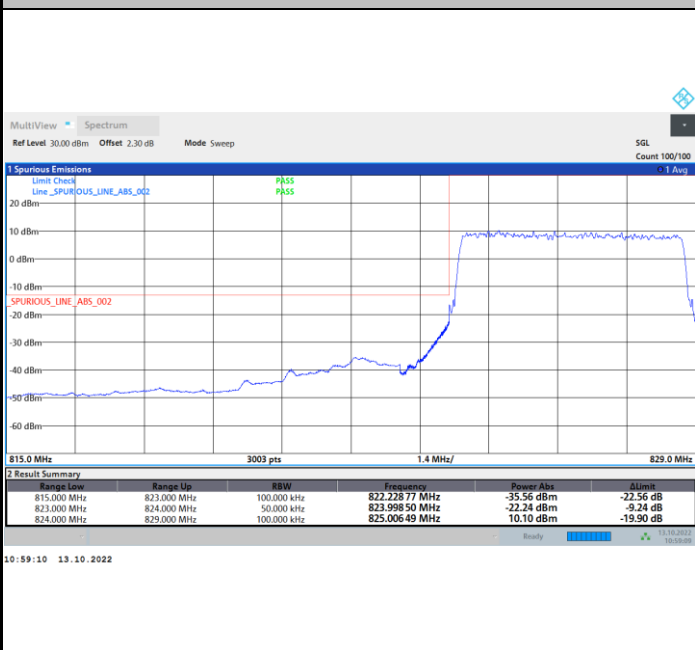
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

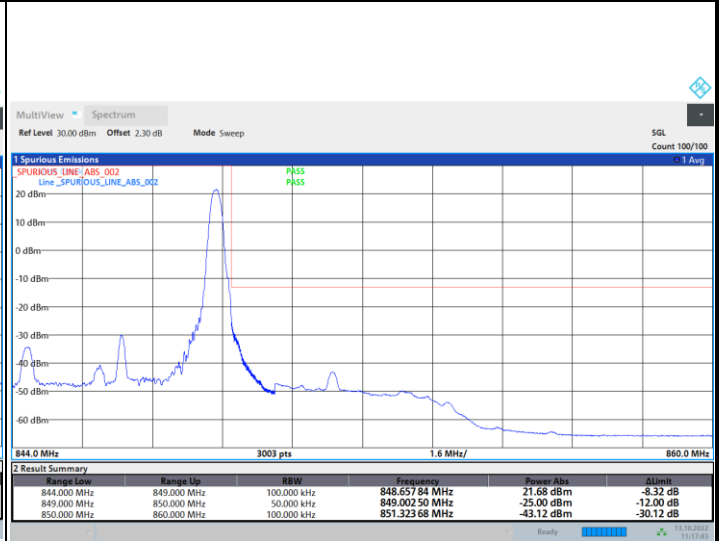
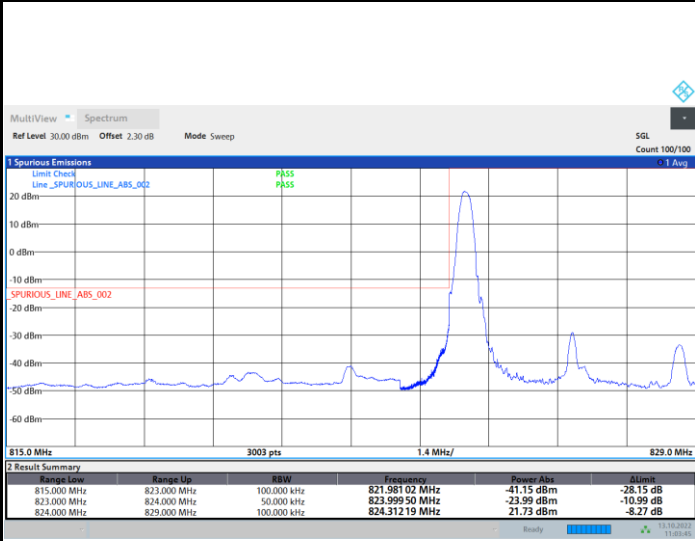




FR1 n5 / 5MHz / DFT-S OFDM / QPSK

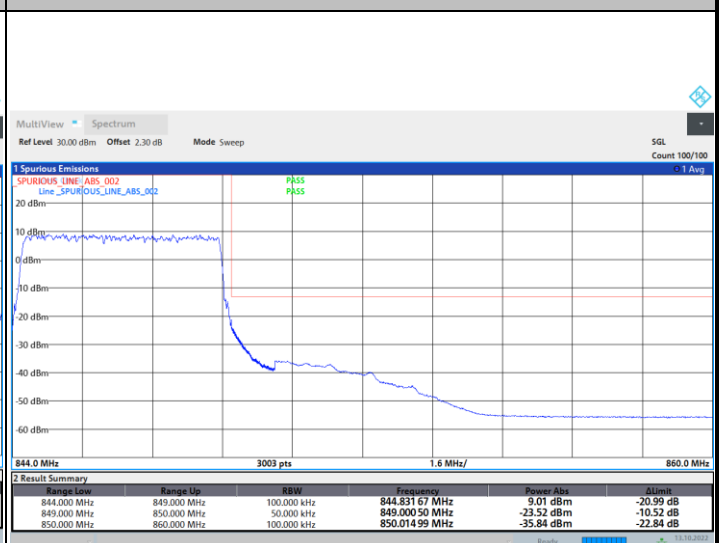
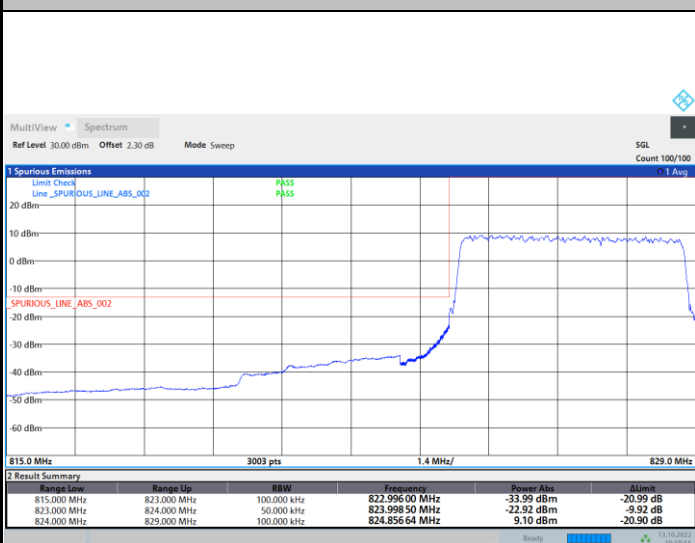
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

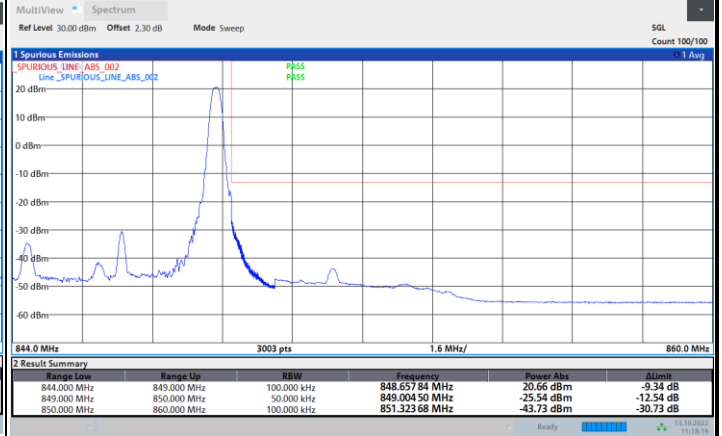
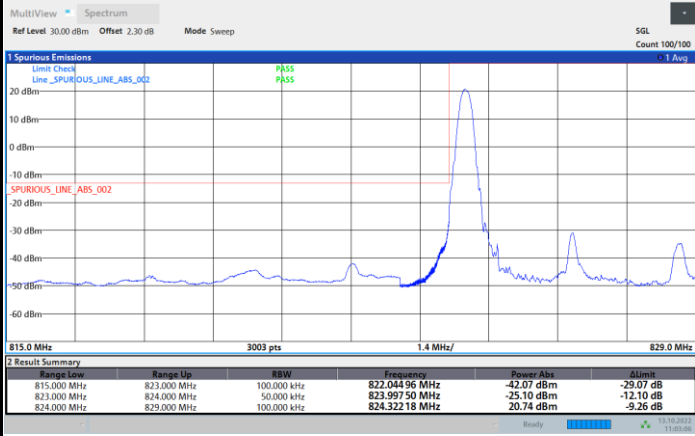




FR1 n5 / 5MHz / DFT-S OFDM / 16QAM

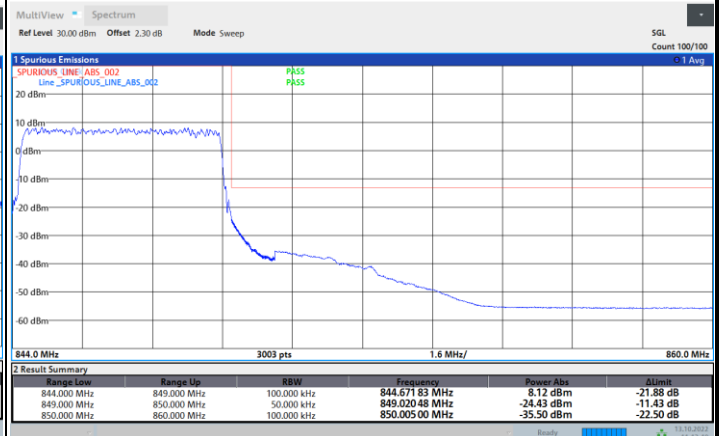
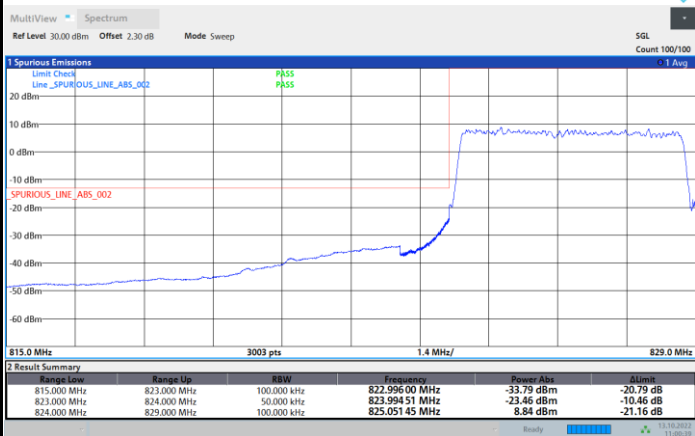
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

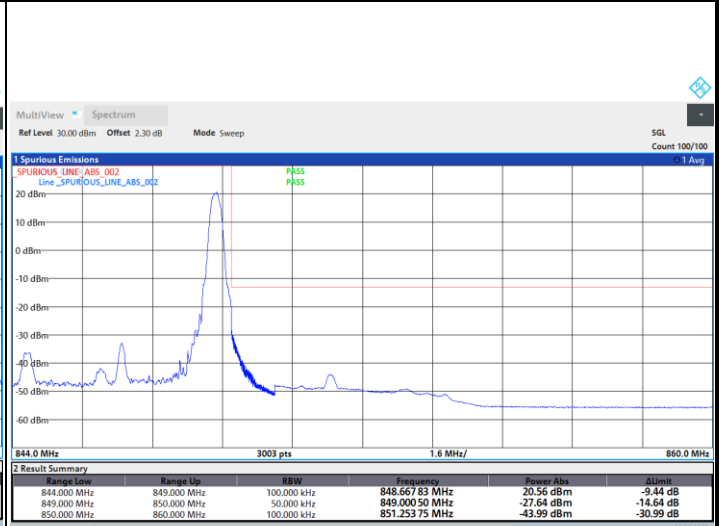
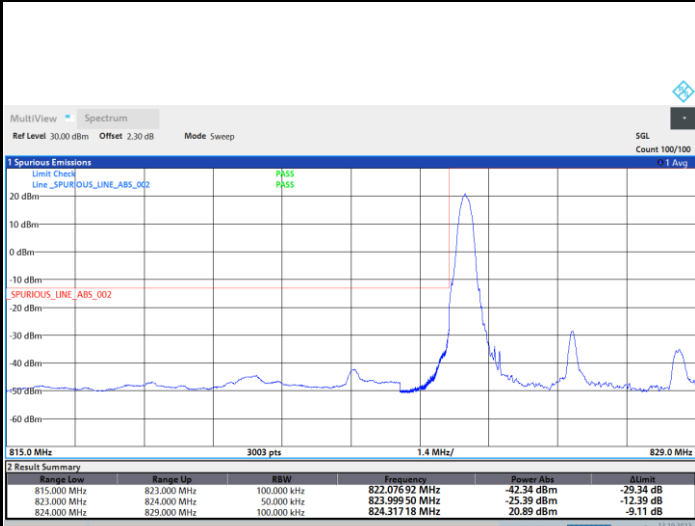




FR1 n5 / 5MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

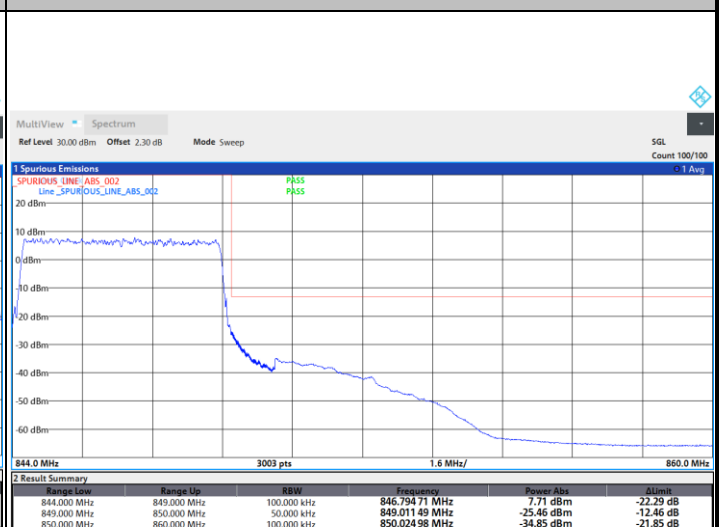
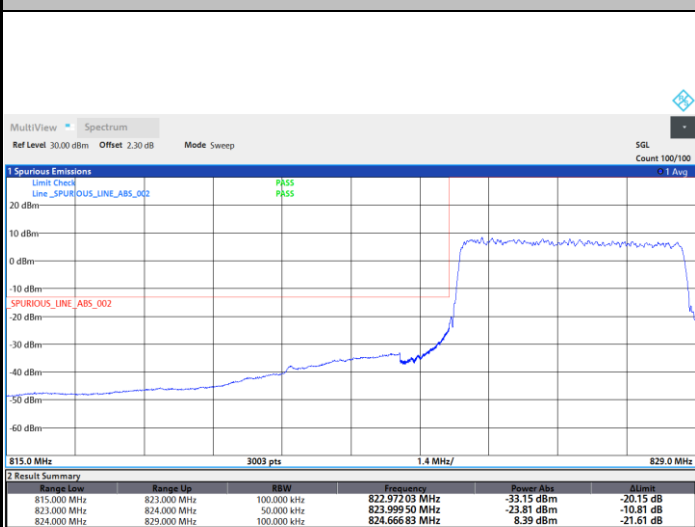


11:02:12 13.10.2022

11:18:59 13.10.2022

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



11:01:11 13.10.2022

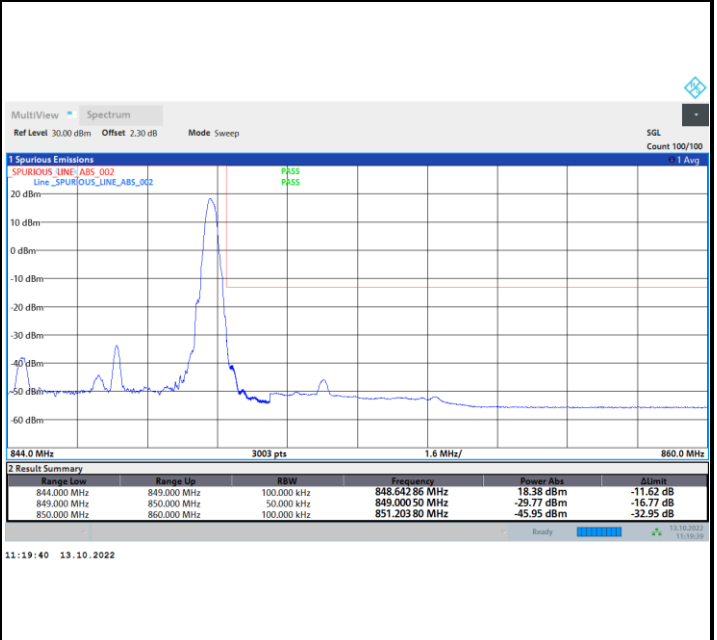
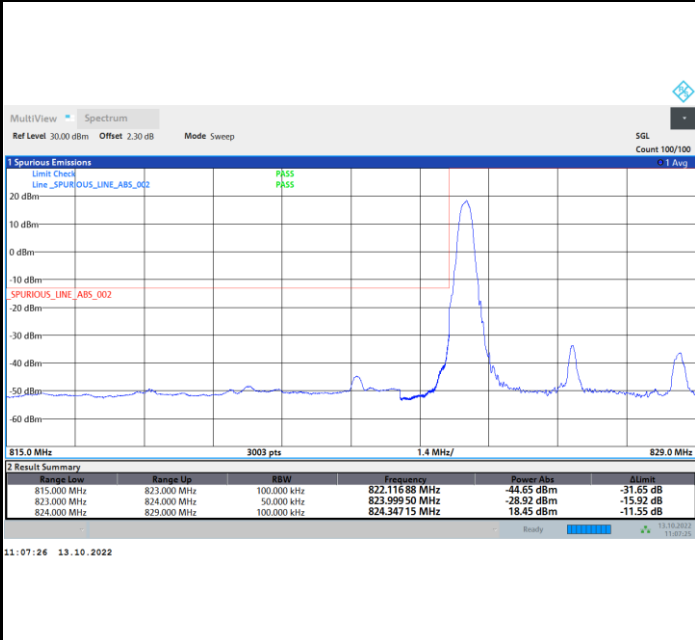
11:14:37 13.10.2022



FR1 n5 / 5MHz / DFT-S OFDM / 256QAM

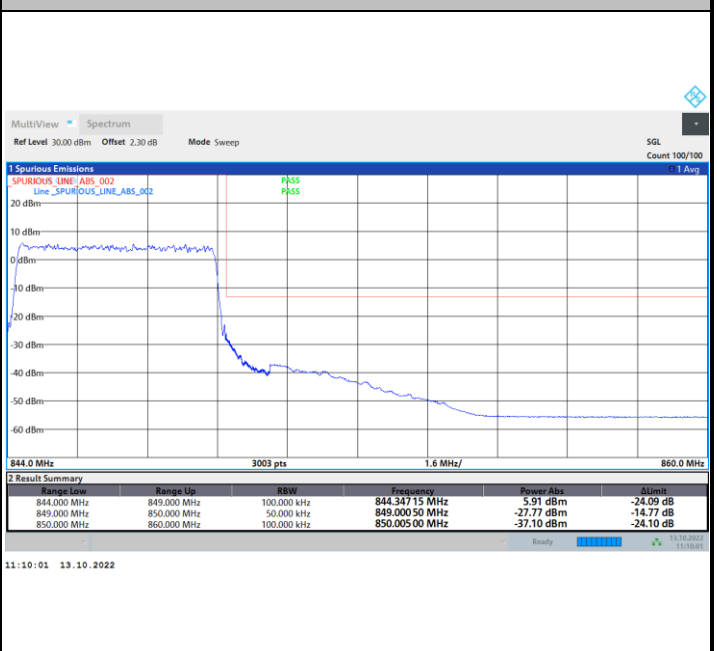
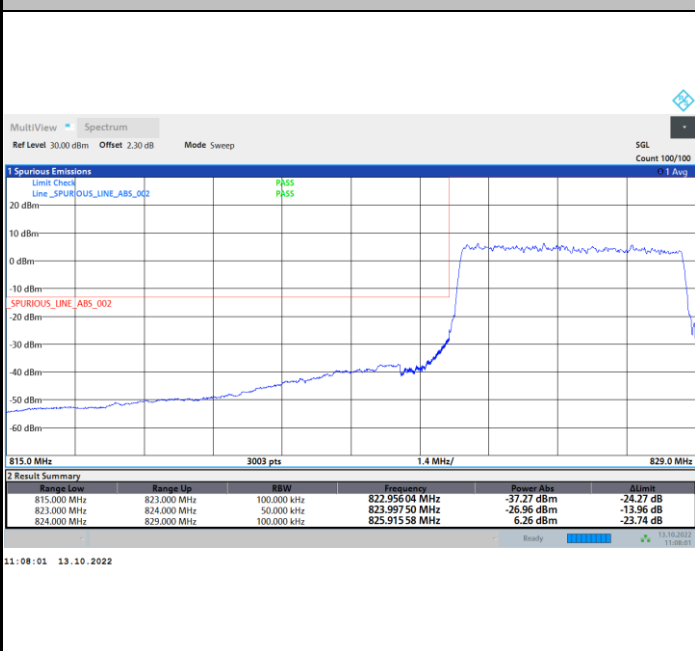
Lowest Band Edge / 1RB0

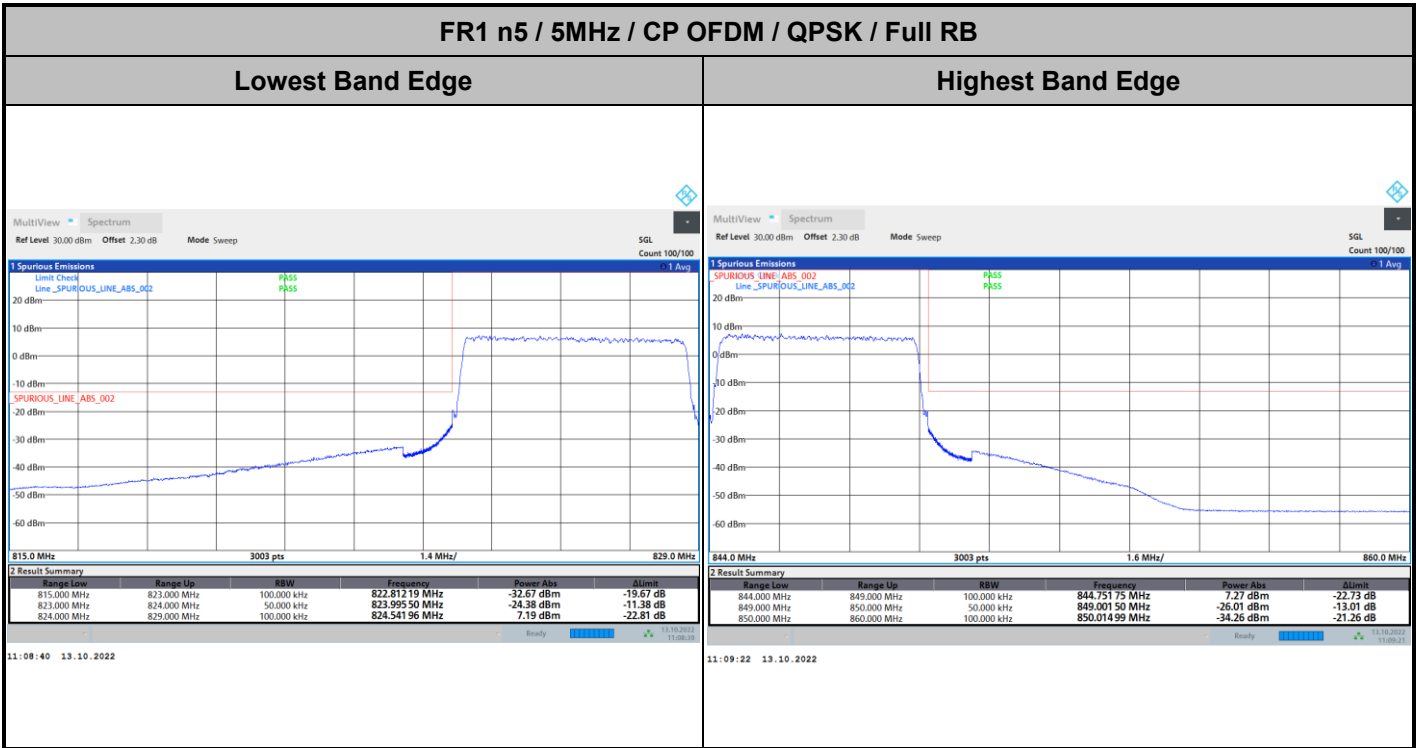
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



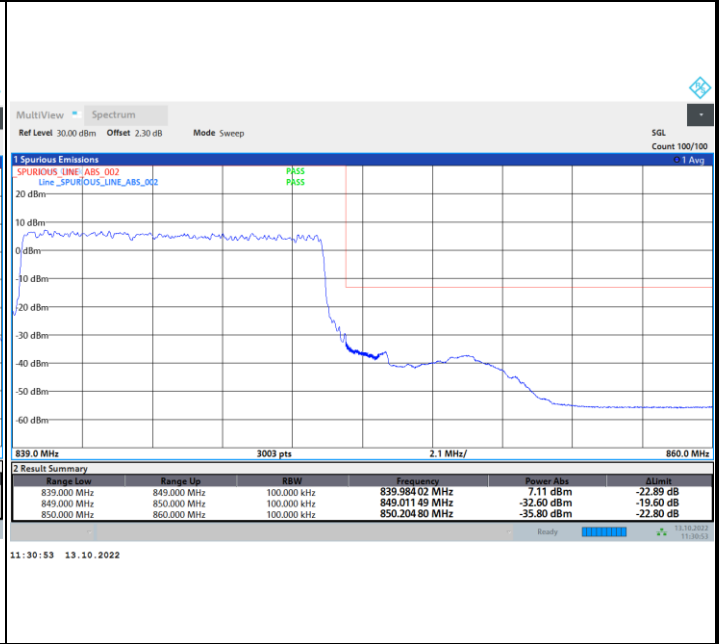
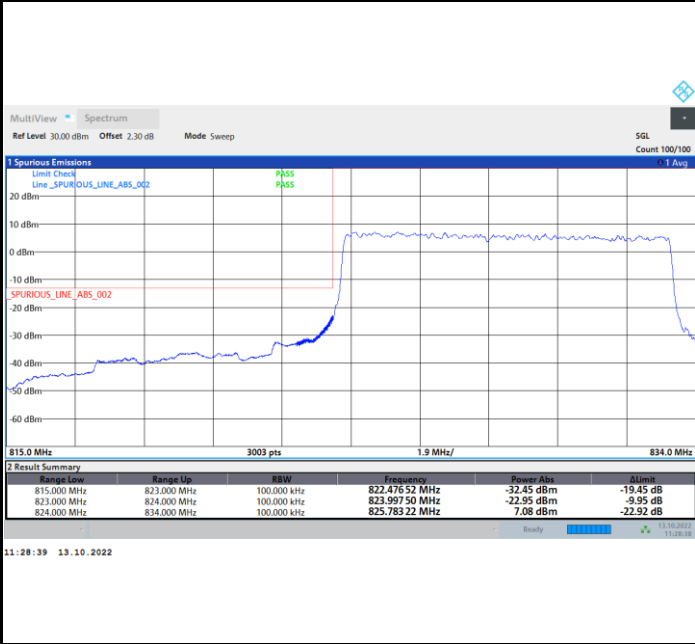




FR1 n5 / 10MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

Highest Band Edge



FR1 n5 / 10MHz / DFT-s-OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge

