FCC RADIO TEST REPORT

FCC ID	**:**	**A4RG8V0U**
Equipment	**:**	**Phone**
Model Name	**:**	**G8V0U, GF5KQ**
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 Jun. 10, 2021 and testing was started from Jun. 16, 2021 and completed on Jul. 25, 2021. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
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History of this test report

Report No.	Version	Description	Issued Date
FG121931-04B	01	Initial issue of report	Aug. 16, 2021

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 (Band 5) (Band 26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
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 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
3.6	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
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 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	Under limit 6.25 dB at 7758.000 MHz for Primary Antenna Under limit 4.55 dB at 7806.000 MHz for ASDIV Antenna
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: William Chen

Report Producer: Amy Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
Model Name	G8V0U, GF5KQ
FCC ID	A4RG8V0U
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/ NFC/GNSS/WPC/WPT/UWB WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE

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

EUT Information List	
S/N	Performed Test Item
15271FDEE00013	Conducted Measurement ERP/EIRP
16011FDEE0008Y	Radiated Spurious Emission

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 2: 1850.7 MHz ~ 1909.3 MHz LTE Band 4: 1710.7 MHz ~ 1754.3 MHz LTE Band 5: 824.7 MHz ~ 848.3 MHz LTE Band 7: 2502.5 MHz ~ 2567.5 MHz LTE Band 12: 699.7 MHz ~ 715.3 MHz LTE Band 13: 779.5 MHz ~ 784.5 MHz LTE Band 17: 706.5 MHz ~ 713.5 MHz LTE Band 25: 1850.7MHz ~ 1914.3 MHz LTE Band 26: 824.7MHz ~ 848.3 MHz LTE Band 38: 2572.5 MHz ~ 2617.5 MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 66: 1710.7 MHz ~ 1779.3 MHz LTE Band 71: 665.5 MHz ~ 695.5 MHz
Rx Frequency	LTE Band 2: 1930.7 MHz ~ 1989.3 MHz LTE Band 4: 2110.7 MHz ~ 2154.3 MHz LTE Band 5: 869.7 MHz ~ 893.3 MHz LTE Band 7: 2622.5MHz ~ 2687.5 MHz LTE Band 12: 729.7 MHz ~ 745.3 MHz LTE Band 13: 748.5 MHz ~ 753.5 MHz LTE Band 17: 736.5 MHz ~ 743.5 MHz LTE Band 25: 1930.7MHz ~ 1994.3 MHz LTE Band 26: 869.7MHz ~ 893.3MHz LTE Band 38: 2572.5MHz ~ 2617.5MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 66: 2110.7 MHz ~ 2199.3 MHz LTE Band 71: 619.5 MHz ~ 649.5 MHz
Bandwidth	LTE Band 2: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 5: 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 7: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 12: 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 13: 5MHz / 10MHz LTE Band 17: 5MHz / 10MHz LTE Band 25: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 26: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz LTE Band 38: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 71: 5MHz / 10MHz / 15MHz / 20MHz

Standards-related Product Specification	
Maximum Output Power to Antenna	**<Primary Antenna>** **<Ant. 0>** LTE Band 5 : 24.33 dBm LTE Band 5B : 24.25 dBm LTE Band 12 : 24.31 dBm LTE Band 13 : 24.47 dBm LTE Band 17 : 24.24 dBm LTE Band 26 : 24.25 dBm LTE Band 71 : 24.19 dBm **<Ant. 2>** LTE Band 2 : 24.04 dBm LTE Band 4 : 24.11 dBm LTE Band 7 : 24.16 dBm LTE Band 7C : 23.64 dBm LTE Band 25 : 24.21 dBm LTE Band 38 : 25.64 dBm for HPUE LTE Band 41 : 24.18 dBm LTE Band 41 : 26.28 dBm for HPUE LTE Band 41C : 22.72 dBm LTE Band 66 : 24.23 dBm LTE Band 66B : 24.18 dBm LTE Band 66C : 23.71 dBm **<ASDIV Antenna>** **<Ant. 0>** LTE Band 2 : 23.22 dBm LTE Band 4 : 22.98 dBm LTE Band 7 : 22.56 dBm LTE Band 7C : 23.10 dBm LTE Band 25 : 23.23 dBm LTE Band 38 : 24.17 dBm for HPUE LTE Band 41 : 22.68 dBm LTE Band 41 : 24.71 dBm for HPUE LTE Band 41C : 22.29 dBm LTE Band 66 : 23.11 dBm LTE Band 66B : 23.26 dBm LTE Band 66C : 23.42 dBm **<Ant. 1>** LTE Band 5 : 23.76 dBm LTE Band 5B : 23.90dBm LTE Band 12 : 23.92 dBm LTE Band 13 : 23.94 dBm LTE Band 17 : 23.89 dBm LTE Band 26 : 23.66 dBm LTE Band 71 : 23.83 dBm
Antenna Type	**<Primary Antenna>:** **<Ant. 0>:** IFA Antenna **<Ant. 2>:** ILA Antenna **<ASDIV Antenna>:** **<Ant. 0>:** IFA Antenna **<Ant. 1>:** IFA Antenna
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

<Primary Antenna>

Radio Tech	Band Number	Antenna name	Gain
LTE	B2	Ant 2	-0.5
LTE	B4	Ant 2	-2.0
LTE	B5	Ant 0	-3.2
LTE	B7	Ant 2	-1.7
LTE	B12	Ant 0	-3.8
LTE	B13	Ant 0	-3.1
LTE	B17	Ant 0	-3.8
LTE	B25	Ant 2	-0.5
LTE	B26	Ant 0	-3.2
LTE	B38	Ant 2	-1.3
	B38_HPUE	Ant 2	-1.3
LTE	B41	Ant 2	-1.3
	B41_HPUE		
LTE	B66	Ant 2	-1.9
LTE	B71	Ant 0	-3.2

<ASDIV Antenna>

Radio Tech	Band Number	Antenna name	Gain
LTE	B2	Ant 0	-1.1
LTE	B4	Ant 0	-0.7
LTE	B5	Ant 1	-6.5
LTE	B7	Ant 0	-4.2
LTE	B12	Ant 1	-6.0
LTE	B13	Ant 1	-6.3
LTE	B17	Ant 1	-6.0
LTE	B25	Ant 0	-1.1
LTE	B26	Ant 1	-6.5
LTE	B38	Ant 0	-3.8
	B38_HPUE	Ant 0	-3.8
LTE	B41	Ant 0	-3.8
	B41_HPUE		
LTE	B66	Ant 0	-0.7
LTE	B71	Ant 1	-6.5

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 are made to the EUT during all test items.

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	**Sporton Site No.**	
	TH03-HY	03CH07-HY
Test Engineer	Benjamin Lin	Jesse Wang, Stan Hsieh, and Ken Wu
Temperature	23.4~25.5℃	20~26℃
Relative Humidity	49.1~52.3%	48~63%

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

FCC Designation No.: TW1190

1.5 Applicable Standards

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

- ANSI C63.26-2015
- ANSI / TIA-603-E
- FCC 47 CFR Part 2, 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 test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

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 adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find <Primary Antenna>: X Plane with Adapter for LTE Band 5B, 7C, 38; Y Plane with Adapter for LTE Band 7, 12, 25, 41C; Z Plane with Adapter for LTE Band 26, 38_HPUE, 41, 41_HPUE, 66, 66B, 66C, 71; Z Plane without Accessory for LTE Band 13; <ASDIV Antenna>: X Plane with Adapter for LTE Band 12, 41, 41C; X Plane without Accessory for LTE Band 25; Y Plane with Adapter for LTE Band 5B, 26, 41_HPUE, 66C; Z Plane with Adapter for LTE Band 7, 7C, 13, 66B, 71; Z Plane without Accessory for LTE Band 38, 38_HPUE, 66 as worst plane.

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	7	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	13	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	17	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	25	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v	v
	38_HPUE	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	41	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	71	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Peak-to-Average Ratio	2						v	v	v	v	v			v		v	
	4						v	v	v	v	v			v		v	
	5				v	-	-	v	v	v	v			v		v	
	7	-	-				v	v	v	v	v			v		v	
	12				v	-	-	v	v	v	v			v		v	
	13	-	-		v	-	-	v	v	v	v			v		v	
	17	-	-		v	-	-	v	v	v	v			v		v	
	25						v	v	v	v	v			v		v	
	26					v	-	v	v	v	v			v		v	
	38_HPUE	-	-				v	v	v	v	v			v		v	
	41	-	-				v	v	v	v	v			v		v	
	66						v	v	v	v	v			v		v	
	71						v	v	v	v	v			v		v	
26dB and 99% Bandwidth	2	v	v	v	v	v	v	v	v	v	v			v		v	
	4	v	v	v	v	v	v	v	v	v	v			v		v	
	5	v	v	v	v	-	-	v	v	v	v			v		v	
	7	-	-	v	v	v	v	v	v	v	v			v		v	
	12	v	v	v	v	-	-	v	v	v	v			v		v	
	13	-	-	v	v	-	-	v	v	v	v			v		v	
	17	-	-	v	v	-	-	v	v	v	v			v		v	
	25	v	v	v	v	v	v	v	v	v	v			v		v	
	26	v	v	v	v	v	-	v	v	v	v			v		v	
	38_HPUE	-	-	v	v	v	v	v	v	v	v			v		v	
	41	-	-	v	v	v	v	v	v	v	v			v		v	
	66	v	v	v	v	v	v	v	v	v	v			v		v	
	71	-	-	v	v	v	v	v	v	v	v			v		v	

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Conducted Band Edge	2	v	v	v	v	v	v	v	v	v	v	v		v	v		v
	4	v	v	v	v	v	v	v	v	v	v	v		v	v		v
	5	v	v	v	v	-	-	v	v	v	v	v		v	v		v
	7	-	-	v	v	v	v	v	v	v	v	v		v	v		v
	12	v	v	v	v	-	-	v	v	v	v	v		v	v		v
	13	-	-	v	v	-	-	v	v	v	v	v		v	v		v
	17	-	-	v	v	-	-	v	v	v	v	v		v	v		v
	25	v	v	v	v	v	v	v	v	v	v	v		v	v		v
	26	v	v	v	v	v	-	v	v	v	v	v		v	v		v
	38_ HPUE	-	-	v	v	v	v	v	v	v	v	v		v	v		v
	41	-	-	v	v	v	v	v	v	v	v	v		v	v		v
	66	v	v	v	v	v	v	v	v	v	v	v		v	v		v
	71	-	-	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	2	v	v	v	v	v	v	v				v			v	v	v
	4	v	v	v	v	v	v	v				v			v	v	v
	5	v	v	v	v	-	-	v				v			v	v	v
	7	-	-	v	v	v	v	v				v			v	v	v
	12	v	v	v	v	-	-	v				v			v	v	v
	13	-	-	v	v	-	-	v				v			v	v	v
	17	-	-	v	v	-	-	v				v			v	v	v
	25	v	v	v	v	v	v	v				v			v	v	v
	26	v	v	v	v	v	-	v				v			v	v	v
	38_ HPUE	-	-	v	v	v	v	v				v			v	v	v
	41	-	-	v	v	v	v	v				v			v	v	v
	66	v	v	v	v	v	v	v				v			v	v	v
	71	-	-	v	v	v	v	v				v			v	v	v

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Frequency Stability	2				v			v						v		v	
	4				v			v						v		v	
	5				v	-	-	v						v		v	
	7	-	-		v			v						v		v	
	12				v	-	-	v						v		v	
	13	-	-		v	-	-	v						v		v	
	17	-	-		v	-	-	v						v		v	
	25				v			v						v		v	
	26				v		-	v						v		v	
	38_ HPUE	-	-		v			v						v		v	
	41	-	-		v			v						v		v	
	66				v			v						v		v	
	71	-	-		v			v						v		v	
E.R.P / E.I.R.P	2	v	v	v	v	v	v	v	v	v	v	Max. Power					
	4	v	v	v	v	v	v	v	v	v	v						
	5	v	v	v	v	-	-	v	v	v	v						
	7	-	-	v	v	v	v	v	v	v	v						
	12	v	v	v	v	-	-	v	v	v	v						
	13	-	-	v	v	-	-	v	v	v	v						
	17	-	-	v	v	-	-	v	v	v	v						
	25	v	v	v	v	v	v	v	v	v	v						
	26	v	v	v	v	v	-	v	v	v	v						
	38_ HPUE	-	-	v	v	v	v	v	v	v	v						
	41	-	-	v	v	v	v	v	v	v	v						
	66	v	v	v	v	v	v	v	v	v	v						
	71	-	-	v	v	v	v	v	v	v	v						

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Radiated Spurious Emission	2	Worst Case													v	v	v
	4	Worst Case													v	v	v
	5	Worst Case													v	v	v
	7	Worst Case													v	v	v
	12	Worst Case													v	v	v
	13	Worst Case													v	v	v
	17	Worst Case													v	v	v
	25	Worst Case													v	v	v
	26	Worst Case													v	v	v
	38_ HPUE	Worst Case													v	v	v
	41	Worst Case													v	v	v
	66	Worst Case													v	v	v
	71	Worst Case													v	v	v
Remark	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 2 and USB Cable 1. 5. During the preliminary test, both charging modes (Adapter mode and WPC Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.																

Test Items	Band	Bandwidth (MHz)					Modulation				RB #			Test Channel		
		3+5	5+3	5+10	10+5	10+10	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	5B	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	5B	-	-	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	5B	-	-	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	5B	-	-	v	v	v	v				v	v		v	v	v
E.R.P.	5B	-	-	v	v	v	v	v	v	v	Max. Power					
Radiated Spurious Emission	5B	Worst Case												v	v	v
Remark	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 2 and USB Cable 1. 5. During the preliminary test, both charging modes (Adapter mode and WPC Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.															

Test Items	Band	Bandwidth (MHz)										Modulation				RB #			Test Channel		
		20+20	20+15	15+20	20+10	10+20	20+5	5+20	15+15	15+10	10+15	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	7_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v	v	v	v	v	v	v
	41_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	7_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v			v		v	
	41_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	7_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v	v		v	v		v
	41_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	7_CA	v	v	v	v	v	-	-	v	v	-	v				v	v		v	v	v
	41_CA	v	v	v	v	v	v	v	v	v	v	v				v	v		v	v	v
E.I.R.P.	7_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v	Max. Power					
	41_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v						
Radiated Spurious Emission	7_CA	Worst Case																	v	v	v
	41_CA	Worst Case																	v	v	v

Remark

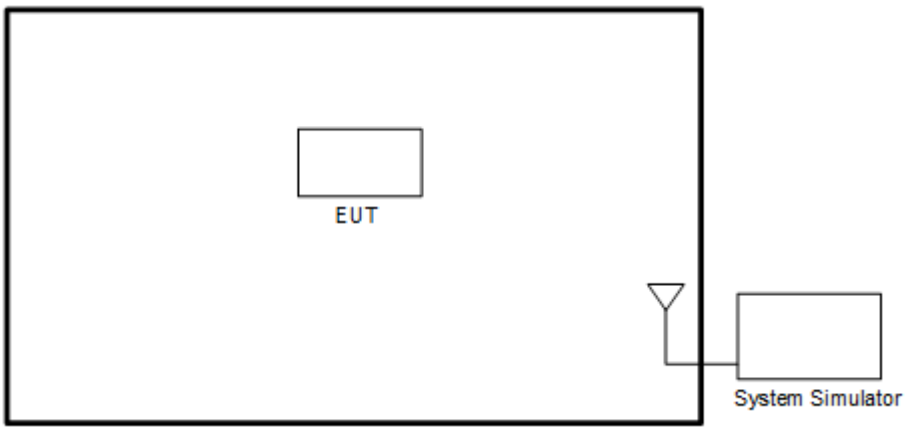
1. The mark "**v** " means that this configuration is chosen for testing
2. The mark "-" means that this bandwidth is not supported.
3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.
4. All the radiated test cases were performed with Adapter 2 and USB Cable 1.
5. During the preliminary test, both charging modes (Adapter mode and WPC Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		5+5	5+10	10+5	5+15	15+5	10+10	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	66B	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	66B	v	v	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	66B	v	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	66B	v	v	v	v	v	v	v				v	v		v	v	v
E.I.R.P.	66B	v	v	v	v	v	v	v	v	v		Max. Power					
Radiated Spurious Emission	66B	Worst Case													v	v	v
Remark	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 2 and USB Cable 1. 5. During the preliminary test, both charging modes (Adapter mode and WPC Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.																

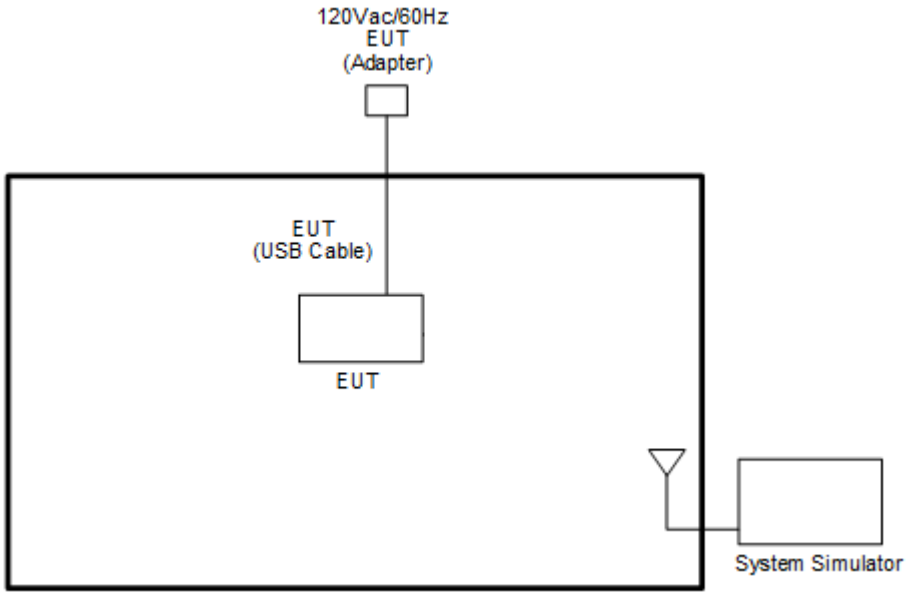
Test Items	Band	Bandwidth (MHz)										Modulation				RB #			Test Channel		
		10+15	15+10	10+20	20+10	15+15	15+20	20+15	20+5	5+20	20+20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	66C	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	66C	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	66C	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	66C	v	v	v	v	v	v	v	v	v	v	v				v	v		v	v	v
E.I.R.P.	66C	v	v	v	v	v	v	v	v	v	v	v	v	v	v	Max. Power					
Radiated Spurious Emission	66C	Worst Case																	v	v	v
Remark	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 2 and USB Cable 1. 5. During the preliminary test, both charging modes (Adapter mode and WPC Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.																				

2.2 Connection Diagram of Test System

<EUT Standalone>



<EUT with Adapter>



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	MT8820C	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

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

= 4.2 + 10 = 14.2 (dB)

2.5 Frequency List of Low/Middle/High Channels

LTE Band 2 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	18700	18900	19100
	Frequency	1860	1880	1900
15	Channel	18675	18900	19125
	Frequency	1857.5	1880	1902.5
10	Channel	18650	18900	19150
	Frequency	1855	1880	1905
5	Channel	18625	18900	19175
	Frequency	1852.5	1880	1907.5
3	Channel	18615	18900	19185
	Frequency	1851.5	1880	1908.5
1.4	Channel	18607	18900	19193
	Frequency	1850.7	1880	1909.3

LTE Band 4 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	20050	20175	20300
	Frequency	1720	1732.5	1745
15	Channel	20025	20175	20325
	Frequency	1717.5	1732.5	1747.5
10	Channel	20000	20175	20350
	Frequency	1715	1732.5	1750
5	Channel	19975	20175	20375
	Frequency	1712.5	1732.5	1752.5
3	Channel	19965	20175	20385
	Frequency	1711.5	1732.5	1753.5
1.4	Channel	19957	20175	20393
	Frequency	1710.7	1732.5	1754.3

LTE Band 5 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
10	Channel	20450	20525	20600
	Frequency	829	836.5	844
5	Channel	20425	20525	20625
	Frequency	826.5	836.5	846.5
3	Channel	20415	20525	20635
	Frequency	825.5	836.5	847.5
1.4	Channel	20407	20525	20643
	Frequency	824.7	836.5	848.3

LTE Band 7 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	20850	21100	21350
	Frequency	2510	2535	2560
15	Channel	20825	21100	21375
	Frequency	2507.5	2535	2562.5
10	Channel	20800	21100	21400
	Frequency	2505	2535	2565
5	Channel	20775	21100	21425
	Frequency	2502.5	2535	2567.5

LTE Band 12 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
10	Channel	23060	23095	23130
	Frequency	704	707.5	711
5	Channel	23035	23095	23155
	Frequency	701.5	707.5	713.5
3	Channel	23025	23095	23165
	Frequency	700.5	707.5	714.5
1.4	Channel	23017	23095	23173
	Frequency	699.7	707.5	715.3

LTE Band 13 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
10	Channel	-	23230	-
	Frequency	-	782	-
5	Channel	23205	23230	23255
	Frequency	779.5	782	784.5

LTE Band 17 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
10	Channel	23780	23790	23800
	Frequency	709	710	711
5	Channel	23755	23790	23825
	Frequency	706.5	710	713.5

LTE Band 25 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	26140	26340	26590
	Frequency	1860	1880	1905
15	Channel	26115	26340	26615
	Frequency	1857.5	1880	1907.5
10	Channel	26090	26340	26640
	Frequency	1855	1880	1910
5	Channel	26065	26340	26665
	Frequency	1852.5	1880	1912.5
3	Channel	26055	26340	26675
	Frequency	1851.5	1880	1913.5
1.4	Channel	26047	26340	26683
	Frequency	1850.7	1880	1914.3

LTE Band 26 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
15	Channel	26865	26915	26965
	Frequency	831.5	836.5	841.5
10	Channel	26840	26915	26990
	Frequency	829.0	836.5	844.0
5	Channel	26815	26915	27015
	Frequency	826.5	836.5	846.5
3	Channel	26805	26915	27025
	Frequency	825.5	836.5	847.5
1.4	Channel	26797	26915	27033
	Frequency	824.7	836.5	848.3

LTE Band 38 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	37850	38000	38150
	Frequency	2580.0	2595.0	2610.0
15	Channel	37825	38000	38175
	Frequency	2577.5	2595.0	2612.5
10	Channel	37800	38000	38200
	Frequency	2575.0	2595.0	2615.0
5	Channel	37775	38000	38225
	Frequency	2572.5	2595.0	2617.5

LTE Band 41 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	39750	40620	41490
	Frequency	2506.0	2593.0	2680.0
15	Channel	39725	40620	41515
	Frequency	2503.5	2593.0	2682.5
10	Channel	39700	40620	41540
	Frequency	2501.0	2593.0	2685.0
5	Channel	39675	40620	41565
	Frequency	2498.5	2593.0	2687.5

LTE Band 66 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	132072	132322	132572
	Frequency	1720	1745	1770
15	Channel	132047	132322	132597
	Frequency	1717.5	1745	1772.5
10	Channel	132022	132322	132622
	Frequency	1715	1745	1775
5	Channel	131997	132322	132647
	Frequency	1712.5	1745	1777.5
3	Channel	131987	132322	132657
	Frequency	1711.5	1745	1778.5
1.4	Channel	131979	132322	132665
	Frequency	1710.7	1745	1779.3

LTE Band 71 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	133222	133297	133372
	Frequency	673.0	680.5	688.0
15	Channel	133197	133297	133397
	Frequency	670.5	680.5	690.5
10	Channel	133172	133297	133422
	Frequency	668.0	680.5	693.0
5	Channel	133147	133297	133447
	Frequency	665.5	680.5	695.5

LTE Band 5B Channel and Frequency List					
BW [MHz]	**Channel/Frequency(MHz)**		**Lowest**	**Middle**	**Highest**
5 + 10	PCC	Channel	20428	20478	20528
		Frequency	826.8	831.8	836.8
	SCC	Channel	20500	20550	20600
		Frequency	834.0	839.0	844.0
10 + 5	PCC	Channel	20450	20500	20550
		Frequency	829.0	834.0	839.0
	SCC	Channel	20522	20572	20622
		Frequency	836.2	841.2	846.2
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829.0	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844.0

LTE Band 7 Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	20850	21001	21152
		Frequency	2510.0	2525.1	2540.2
	SCC	Channel	21048	21199	21350
		Frequency	2529.8	2544.9	2560.0
20 + 15	PCC	Channel	20850	21026	21201
		Frequency	2510.0	2527.6	2545.1
	SCC	Channel	21021	21197	21372
		Frequency	2527.1	2544.7	2562.2
15 + 20	PCC	Channel	20828	21003	21179
		Frequency	2507.8	2525.3	2542.9
	SCC	Channel	20999	21174	21350
		Frequency	2524.9	2542.4	2560.0
20 + 10	PCC	Channel	20850	21051	21251
		Frequency	2510.0	2530.1	2550.1
	SCC	Channel	20994	21195	21395
		Frequency	2524.4	2544.5	2564.5
10 + 20	PCC	Channel	20805	21006	21206
		Frequency	2505.5	2525.6	2545.6
	SCC	Channel	20949	21150	21350
		Frequency	2519.9	2540.0	2560.0
15 + 15	PCC	Channel	20825	21025	21225
		Frequency	2507.5	2527.5	2547.5
	SCC	Channel	20975	21175	21375
		Frequency	2522.5	2542.5	2562.5
15 + 10	PCC	Channel	20825	21051	21277
		Frequency	2507.5	2530.1	2552.7
	SCC	Channel	20945	21171	21397
		Frequency	2519.5	2542.1	2564.7

LTE Band 41 Channel and Frequency List_CA					
BW [MHz]	**Channel/Frequency(MHz)**		**Lowest**	**Middle**	**Highest**
20 + 20	PCC	Channel	39750	40521	41292
		Frequency	2506.0	2583.1	2660.2
	SCC	Channel	39948	40719	41490
		Frequency	2525.8	2602.9	2680.0
20 + 15	PCC	Channel	39750	40546	41341
		Frequency	2506.0	2585.6	2665.1
	SCC	Channel	39921	40717	41512
		Frequency	2523.1	2602.7	2682.2
15 + 20	PCC	Channel	39728	40523	41319
		Frequency	2503.8	2593.3	2662.9
	SCC	Channel	39899	40694	41490
		Frequency	2520.9	2600.4	2680.0
20 + 10	PCC	Channel	39750	40571	41391
		Frequency	2506.0	2588.1	2670.1
	SCC	Channel	39894	40715	41535
		Frequency	2520.4	2602.5	2684.5
10 + 20	PCC	Channel	39705	40526	41346
		Frequency	2501.5	2583.6	2665.6
	SCC	Channel	39849	40670	41490
		Frequency	2515.9	2598.0	2680.0

LTE Band 41 Channel and Frequency List_CA					
20 + 5	PCC	Channel	39750	40595	41440
		Frequency	2506.0	2590.5	2675.0
	SCC	Channel	39867	40712	41557
		Frequency	2517.7	2602.2	2686.7
5 + 20	PCC	Channel	39683	40528	41373
		Frequency	2499.3	2583.8	2668.3
	SCC	Channel	39800	40645	41490
		Frequency	2511.0	2595.5	2680.0
15 + 15	PCC	Channel	39725	40545	41365
		Frequency	2503.5	2585.5	2667.5
	SCC	Channel	39875	40695	41515
		Frequency	2518.5	2600.5	2682.5
10 + 15	PCC	Channel	39703	40549	41395
		Frequency	2501.3	2585.9	2670.5
	SCC	Channel	39823	40669	41515
		Frequency	2513.3	2597.9	2682.5
15 + 10	PCC	Channel	39725	40571	41417
		Frequency	2503.5	2588.1	2672.7
	SCC	Channel	39845	40691	41537
		Frequency	2515.5	2600.1	2684.7

LTE Band 66B Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 5	PCC	Channel	131997	132398	132599
		Frequency	1712.5	1752.6	1772.7
	SCC	Channel	132045	133346	132647
		Frequency	1717.3	1757.4	1777.5
5 + 10	PCC	Channel	132000	132375	132550
		Frequency	1712.8	1750.3	1767.8
	SCC	Channel	132072	133347	132622
		Frequency	1720.0	1757.5	1775.0
10 + 5	PCC	Channel	132022	132397	132572
		Frequency	1715.0	1752.5	1770.0
	SCC	Channel	132094	133369	132644
		Frequency	1722.2	1759.7	1777.2
5 + 15	PCC	Channel	132002	132353	132504
		Frequency	1713.0	1748.1	1763.2
	SCC	Channel	132095	133346	132597
		Frequency	1722.3	1757.4	1772.5
15 + 5	PCC	Channel	132047	132398	132549
		Frequency	1717.5	1752.6	1767.7
	SCC	Channel	132140	133391	132642
		Frequency	1726.8	1761.9	1777.0
10 + 10	PCC	Channel	132022	132373	135523
		Frequency	1715.0	1750.1	1765.1
	SCC	Channel	132121	133372	132622
		Frequency	1724.9	1760.0	1775.0

LTE Band 66C Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	133371	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	133393	132619
		Frequency	1729.5	1761.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	131171	133372	132572
		Frequency	1729.9	1760.0	1770.0
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720.0	1750.1	1760.1
	SCC	Channel	132216	133417	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	133397	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	133396	132572
		Frequency	1734.9	1762.4	1770.0
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720.0	1747.6	1755.1
	SCC	Channel	132243	133419	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720.0	1752.5	1765.0
	SCC	Channel	132189	133414	132639
		Frequency	1731.7	1764.2	1776.7

LTE Band 66C Channel and Frequency List					
5 + 20	PCC	Channel	132005	132330	132455
		Frequency	1713.3	1745.8	1758.3
	SCC	Channel	132122	132447	132572
		Frequency	1725.0	1757.5	1770.0
20 + 20	PCC	Channel	132072	132323	132374
		Frequency	1720.0	1745.1	1750.2
	SCC	Channel	132270	133421	132572
		Frequency	1739.8	1764.9	1770.0

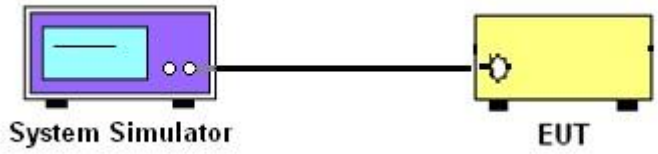
3 Conducted Test Items

3.1 Measuring Instruments

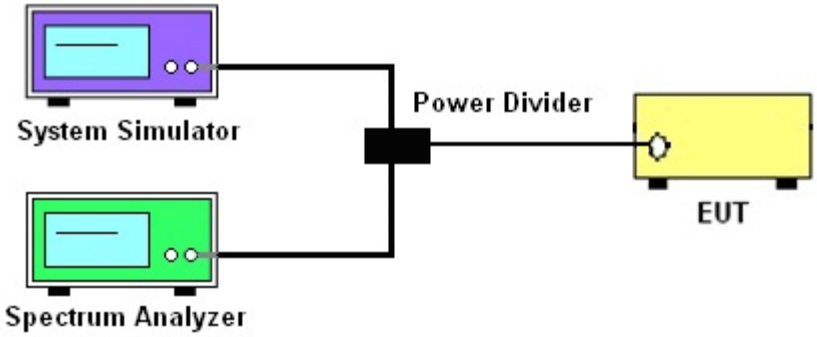
See list of measuring instruments of this test report.

3.1.1 Test Setup

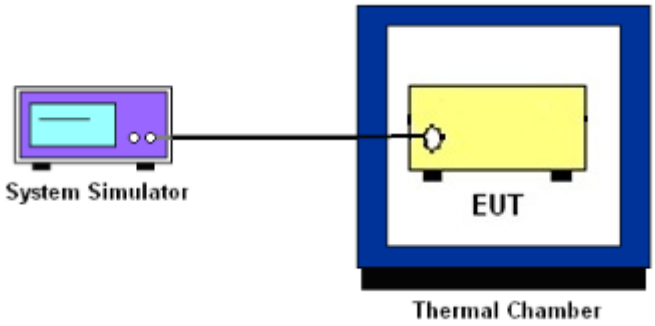
3.1.2 Conducted Output Power



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 LTE Band 5 and Band 26

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12 and Band 13 and Band 17 and Band 71

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2 and Band 25 and Band 7 and Band 38 and Band 41

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4 and Band 66

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 + 10log10(P[Watts]) dB below the transmitter power P(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 + 10log10(P[Watts]) dB below the transmitter power P(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 (c)

For operations in the 776-788 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least 65 + 10 log10 p(watts), dB, for mobile and portable equipment.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(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 + 10log10(P[Watts]) dB below the transmitter power P(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 >= 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 + 10log(P)dB below the transmitter power P(Watts)
   For LTE Band 7, 38, 41
   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 LTE Band 7, 38, 41

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 10^{th} harmonic.

3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
   For LTE Band 7, 38, 41
   The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)

3.7 Frequency Stability

3.7.1 Description of Frequency Stability Measurement

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 ±0.00025% (±2.5ppm) of the center frequency.

24.235 & 27.54

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

3.7.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.7.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

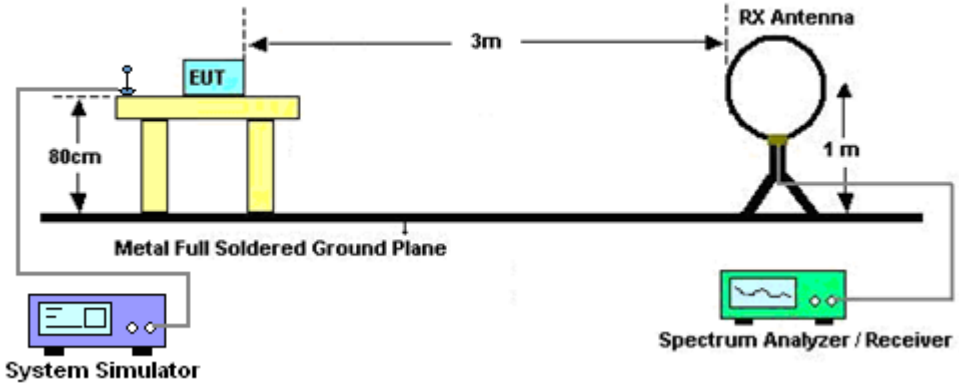
4 Radiated Test Items

4.1 Measuring Instruments

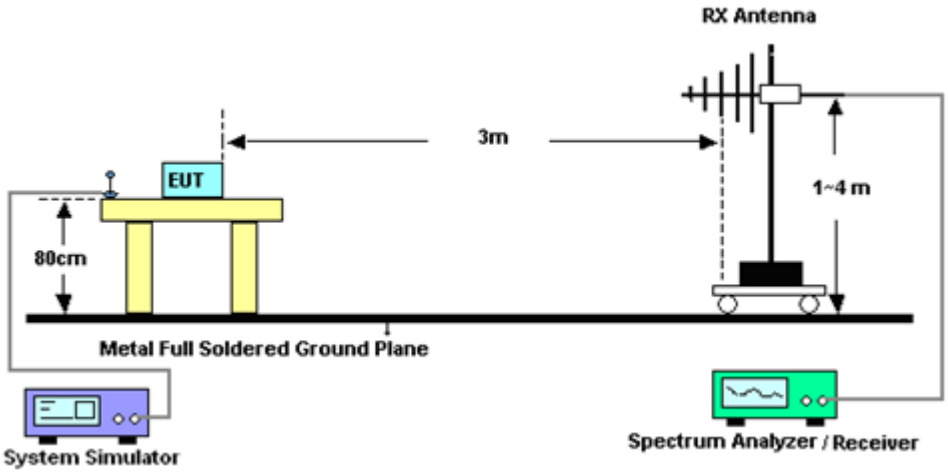
See list of measuring instruments of this test report.

4.1.1 Test Setup

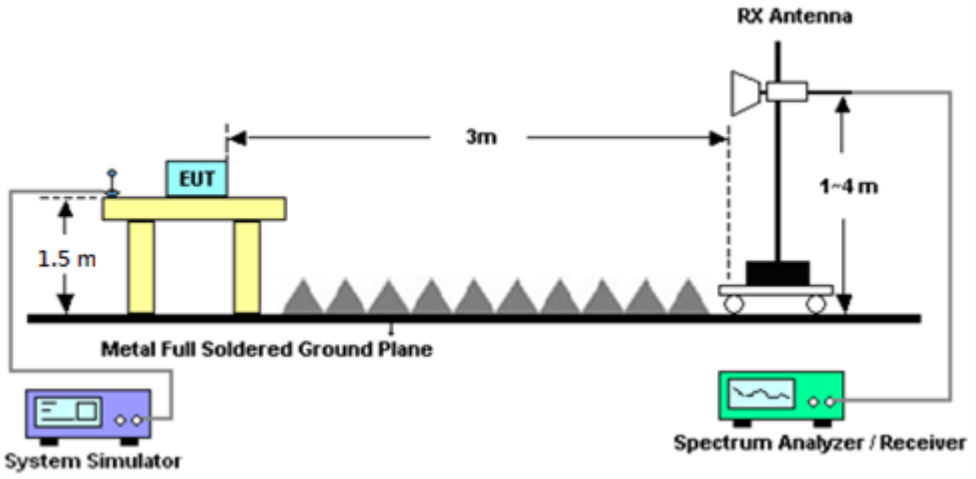
For radiated test below 30MHz



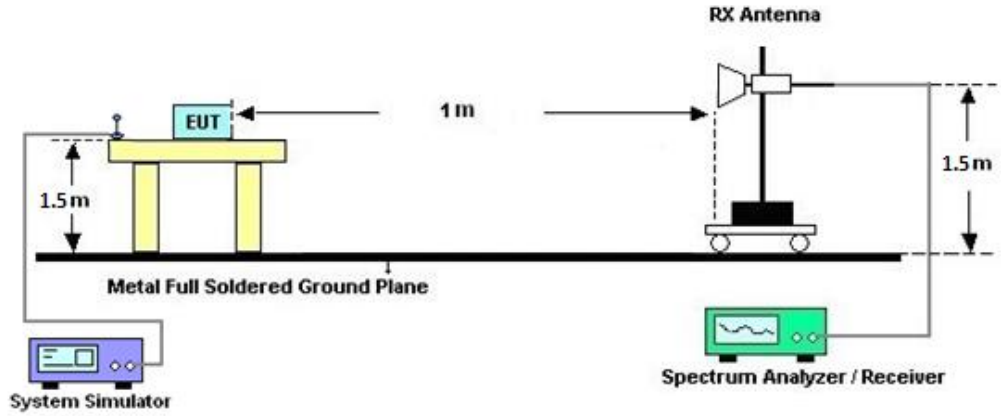
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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

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

4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

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

For LTE Band 7, 38, 41

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

For LTE Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and −80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

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

4.2.2 Test Procedures

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

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

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

    For LTE Band 7, 38, 41

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

    EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain

    ERP (dBm) = EIRP - 2.15

5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	35419 & 03	30MHz~1GHz	Apr. 28, 2021	Jul. 01, 2021~ Jul. 17, 2021	Apr. 27, 2022	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2020	Jul. 01, 2021~ Jul. 17, 2021	Nov. 30, 2021	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 04, 2021	Jul. 01, 2021~ Jul. 17, 2021	Jan. 03, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-00101 800-30-10P	1590075	1GHz~18GHz	Apr. 22, 2021	Jul. 01, 2021~ Jul. 17, 2021	Apr. 21, 2022	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	May 18, 2021	Jul. 01, 2021~ Jul. 17, 2021	May 17, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 31, 2020	Jul. 01, 2021~ Jul. 17, 2021	Oct. 30, 2021	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 31, 2020	Jul. 01, 2021~ Jul. 17, 2021	Jul. 30, 2021	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jun. 24, 2021	Jul. 01, 2021~ Jul. 17, 2021	Jun. 23, 2022	Radiation (03CH07-HY)
3m Semi Anechoic Chamber (NSA)	TDK	SAC-3M	03CH07-HY	30MHz~1GHz	Jan. 01, 2021	Jul. 01, 2021~ Jul. 17, 2021	Dec. 31, 2021	Radiation (03CH07-HY)
3m Semi Anechoic Chamber (Site VSWR)	TDK	SAC-3M	03CH07-HY	1GHz~18GHz	Dec. 23, 2020	Jul. 01, 2021~ Jul. 17, 2021	Dec. 22, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682-4	30MHz to 18GHz	Feb. 24, 2021	Jul. 01, 2021~ Jul. 17, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971-4	9kHz to 18GHz	Feb. 24, 2021	Jul. 01, 2021~ Jul. 17, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655-4	9kHz to 18GHz	Feb. 24, 2021	Jul. 01, 2021~ Jul. 17, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2,801 606/2	18GHz~40GHz	Feb. 24, 2021	Jul. 01, 2021~ Jul. 17, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 18, 2020	Jul. 01, 2021~ Jul. 17, 2021	Sep. 17, 2021	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Jul. 01, 2021~ Jul. 17, 2021	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Jul. 01, 2021~ Jul. 17, 2021	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Jul. 01, 2021~ Jul. 17, 2021	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Jul. 01, 2021~ Jul. 17, 2021	N/A	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	N/A	N/A	N/A	Jul. 01, 2021~ Jul. 17, 2021	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	N/A	Jul. 01, 2021~ Jul. 17, 2021	N/A	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 11, 2020	Jul. 01, 2021~ Jul. 17, 2021	Oct. 10, 2021	Radiation (03CH07-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz-40GHz	Nov. 19, 2020	Jul. 01, 2021~ Jul. 17, 2021	Nov. 18, 2021	Radiation (03CH07-HY)
Horn Antenna	EMCO	3117	00143261	1GHz~18GHz	Jan. 26, 2021	Jul. 01, 2021~ Jul. 17, 2021	Jan. 25, 2022	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Dec. 02, 2020	Jul. 01, 2021~ Jul. 17, 2021	Dec. 01, 2021	Radiation (03CH07-HY)
Signal Generator	Rohde & Schwarz	SMF100A	101107	100kHz~40GHz	Dec. 04, 2020	Jul. 01, 2021~ Jul. 17, 2021	Dec. 03, 2021	Radiation (03CH07-HY)
Radio Communication Analyzer	Anritsu	MT8821C	62620025341	LTE FDD/TDD LTE-2CC ULCA/DLCA	Oct. 06, 2020	Jun. 16, 2021~ Jul. 25, 2021	Oct. 05, 2021	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Nov. 27, 2020	Jun. 16, 2021~ Jul. 25, 2021	Nov. 26, 2021	Conducted (TH03-HY)
Thermal Chamber	Ten Billion	TTH-D3SP	TBN-930701	N/A	Aug. 05, 2020	Jun. 16, 2021~ Jul. 25, 2021	Aug. 04, 2021	Conducted (TH03-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890094	1V~20V 0.5A~5A	Oct. 05, 2020	Jun. 16, 2021~ Jul. 25, 2021	Oct. 04, 2021	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 09, 2021	Jun. 16, 2021~ Jul. 25, 2021	Jan. 08, 2022	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))	**3.16 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.71 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.16 dB**

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

<Primary Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.04	23.94	23.88	23.54	0.2259
20	1	49		23.86	23.91	23.85		
20	1	99		23.77	23.86	23.85		
20	50	0		22.94	23.07	22.98		
20	50	24		23.02	23.05	23.01		
20	50	50		23.02	23.14	23.04		
20	100	0		22.96	23.15	22.92		
20	1	0	16-QAM	22.76	23.38	23.35	22.96	0.1977
20	1	49		22.79	23.44	23.23		
20	1	99		23.19	23.17	23.46		
20	50	0		22.02	22.05	21.93		
20	50	24		22.08	22.06	22.11		
20	50	50		21.98	21.97	22.00		
20	100	0		21.99	22.08	21.96		
20	1	0	64-QAM	22.23	22.17	22.15	21.78	0.1507
20	1	49		22.28	21.98	22.00		
20	1	99		21.55	22.22	21.83		
20	50	0		21.02	21.08	20.96		
20	50	24		20.99	21.08	20.98		
20	50	50		20.92	21.04	21.08		
20	100	0		20.94	20.95	21.04		
20	1	0	256-QAM	18.95	19.09	18.97	18.62	0.0728
20	1	49		19.01	18.99	19.07		
20	1	99		19.02	19.07	19.12		
20	50	0		18.84	18.90	18.90		
20	50	24		18.91	18.95	18.94		
20	50	50		18.88	18.95	19.00		
20	100	0		18.89	18.93	18.91		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.95	24.01	23.83	23.52	0.2249
15	1	37		24.01	23.95	23.86		
15	1	74		24.02	23.99	23.87		
15	36	0		23.17	23.11	23.02		
15	36	20		23.11	23.09	22.97		
15	36	39		23.08	23.03	23.03		
15	75	0		23.01	23.11	23.06		
15	1	0	16-QAM	22.90	23.34	22.86	22.84	0.1923
15	1	37		22.95	23.32	22.80		
15	1	74		23.03	22.95	22.98		
15	36	0		22.13	22.08	21.95		
15	36	20		22.03	22.01	21.99		
15	36	39		22.01	22.05	22.06		
15	75	0		22.02	22.06	21.98		
15	1	0	64-QAM	21.58	22.21	22.22	21.86	0.1535
15	1	37		21.96	22.36	22.09		
15	1	74		21.84	22.25	22.09		
15	36	0		21.02	21.04	21.11		
15	36	20		21.11	21.10	20.93		
15	36	39		21.07	21.07	20.98		
15	75	0		21.12	21.04	21.09		
15	1	0	256-QAM	18.85	19.01	18.93	18.54	0.0714
15	1	37		18.98	18.96	19.00		
15	1	74		18.94	18.99	19.04		
15	36	0		18.76	18.85	18.81		
15	36	20		18.88	18.94	18.86		
15	36	39		18.80	18.93	18.98		
15	75	0		18.86	18.87	18.87		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.99	24.02	23.95	23.52	0.2249
10	1	25		23.96	23.93	23.88		
10	1	49		23.95	24.01	23.96		
10	25	0		23.14	23.11	23.03		
10	25	12		23.13	23.07	23.02		
10	25	25		23.05	23.05	23.06		
10	50	0		23.14	23.06	23.07		
10	1	0	16-QAM	22.97	23.25	23.33	23.01	0.2000
10	1	25		23.01	23.40	23.27		
10	1	49		23.25	23.51	23.47		
10	25	0		22.15	22.06	22.13		
10	25	12		22.13	22.12	22.14		
10	25	25		22.19	22.00	22.10		
10	50	0		22.08	22.12	22.01		
10	1	0	64-QAM	21.88	22.10	22.21	22.00	0.1585
10	1	25		21.99	22.50	22.27		
10	1	49		21.88	22.11	21.88		
10	25	0		21.12	21.03	21.16		
10	25	12		21.17	21.13	20.97		
10	25	25		21.02	21.18	21.07		
10	50	0		21.10	21.08	21.16		
10	1	0	256-QAM	18.87	19.02	18.89	18.57	0.0719
10	1	25		18.97	18.95	19.03		
10	1	49		19.02	19.01	19.07		
10	25	0		18.78	18.83	18.83		
10	25	12		18.87	18.88	18.91		
10	25	25		18.79	18.94	18.92		
10	50	0		18.81	18.88	18.88		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.96	24.03	24.02	23.53	0.2254
5	1	12		24.01	24.02	23.97		
5	1	24		23.93	24.00	23.99		
5	12	0		23.09	23.11	23.10		
5	12	7		23.12	23.16	23.03		
5	12	13		23.10	23.08	23.05		
5	25	0		23.09	23.13	23.00		
5	1	0	16-QAM	23.16	23.41	23.56	23.06	0.2023
5	1	12		23.05	23.27	23.37		
5	1	24		23.30	23.23	23.18		
5	12	0		22.15	22.16	22.18		
5	12	7		22.12	22.21	22.05		
5	12	13		22.06	22.15	22.09		
5	25	0		22.16	22.17	22.04		
5	1	0	64-QAM	22.14	22.03	22.08	22.06	0.1607
5	1	12		22.07	22.37	22.15		
5	1	24		22.16	21.92	22.56		
5	12	0		21.09	21.04	21.05		
5	12	7		21.04	21.21	21.10		
5	12	13		21.15	21.10	21.16		
5	25	0		21.00	21.16	21.08		
5	1	0	256-QAM	18.93	19.03	18.91	18.54	0.0714
5	1	12		18.96	18.89	19.04		
5	1	24		18.99	19.04	19.03		
5	12	0		18.75	18.86	18.87		
5	12	7		18.87	18.92	18.93		
5	12	13		18.83	18.90	18.94		
5	25	0		18.88	18.83	18.86		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.03	23.98	24.00	23.53	0.2254
3	1	8		23.97	24.01	23.91		
3	1	14		24.03	24.00	24.00		
3	8	0		23.01	23.00	23.05		
3	8	4		23.12	23.10	23.07		
3	8	7		23.10	23.04	23.01		
3	15	0		23.09	23.09	22.95		
3	1	0	16-QAM	23.09	23.34	23.48	23.09	0.2037
3	1	8		22.81	23.14	23.32		
3	1	14		23.10	23.59	23.27		
3	8	0		22.01	22.16	22.08		
3	8	4		22.09	22.11	22.17		
3	8	7		22.09	22.08	22.13		
3	15	0		22.07	22.19	21.97		
3	1	0	64-QAM	21.98	22.32	22.29	21.82	0.1521
3	1	8		21.90	22.13	21.80		
3	1	14		21.98	21.59	22.17		
3	8	0		21.01	21.09	21.00		
3	8	4		21.13	20.94	21.11		
3	8	7		20.96	21.14	21.08		
3	15	0		20.97	21.05	21.01		
3	1	0	256-QAM	18.87	19.03	18.89	18.56	0.0718
3	1	8		19.00	18.93	18.99		
3	1	14		18.97	18.97	19.06		
3	8	0		18.78	18.87	18.83		
3	8	4		18.85	18.87	18.87		
3	8	7		18.88	18.94	18.91		
3	15	0		18.89	18.87	18.86		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.74	23.87	23.80	23.39	0.2183
1.4	1	3		23.84	23.69	23.72		
1.4	1	5		23.77	23.81	23.75		
1.4	3	0		23.86	23.89	23.74		
1.4	3	1		23.85	23.84	23.84		
1.4	3	3		23.74	23.84	23.84		
1.4	6	0		22.84	22.82	22.83		
1.4	1	0	16-QAM	22.70	23.18	23.19	22.69	0.1858
1.4	1	3		22.81	23.13	23.09		
1.4	1	5		22.68	22.61	22.87		
1.4	3	0		22.95	22.95	23.08		
1.4	3	1		23.07	23.08	23.06		
1.4	3	3		22.81	22.90	22.70		
1.4	6	0		21.76	21.93	21.78		
1.4	1	0	64-QAM	21.52	22.09	21.94	21.66	0.1466
1.4	1	3		21.82	21.69	21.99		
1.4	1	5		21.60	22.16	22.04		
1.4	3	0		21.73	21.77	22.00		
1.4	3	1		22.01	22.05	21.86		
1.4	3	3		21.92	21.78	22.09		
1.4	6	0		20.73	20.96	20.84		
1.4	1	0	256-QAM	18.92	19.02	18.87	18.60	0.0724
1.4	1	3		19.01	18.90	19.02		
1.4	1	5		19.02	19.02	19.10		
1.4	3	0		18.84	18.88	18.86		
1.4	3	1		18.83	18.95	18.86		
1.4	3	3		18.83	18.89	18.97		
1.4	6	0		18.84	18.86	18.81		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.19	24.21	24.13	23.71	0.2350
20	1	49		24.06	24.17	24.13		
20	1	99		24.06	24.11	24.02		
20	50	0		23.19	23.22	23.22		
20	50	24		23.30	23.25	23.26		
20	50	50		23.20	23.21	23.18		
20	100	0		23.23	23.27	23.19		
20	1	0	16-QAM	23.27	23.32	22.96	22.82	0.1914
20	1	49		23.22	23.23	23.08		
20	1	99		23.26	23.19	23.16		
20	50	0		22.37	22.30	22.20		
20	50	24		22.19	22.27	22.27		
20	50	50		22.20	22.33	22.16		
20	100	0		22.23	22.23	22.14		
20	1	0	64-QAM	22.24	21.90	22.36	21.94	0.1563
20	1	49		22.31	22.44	22.40		
20	1	99		22.35	21.98	21.85		
20	50	0		21.19	21.30	21.20		
20	50	24		21.21	21.27	21.30		
20	50	50		21.19	21.30	21.22		
20	100	0		21.34	21.25	21.18		
20	1	0	256-QAM	19.00	19.05	19.00	18.67	0.0736
20	1	49		18.93	19.08	19.10		
20	1	99		18.96	19.17	19.07		
20	50	0		18.98	19.02	19.03		
20	50	24		19.02	19.08	19.05		
20	50	50		19.03	19.10	19.08		
20	100	0		18.99	19.07	19.06		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.12	24.10	24.04	23.70	0.2344
15	1	37		24.18	24.18	24.13		
15	1	74		24.19	24.20	23.92		
15	36	0		23.26	23.15	23.17		
15	36	20		23.17	23.24	23.17		
15	36	39		23.22	23.16	23.22		
15	75	0		23.18	23.26	23.10		
15	1	0	16-QAM	23.59	23.46	23.41	23.34	0.2158
15	1	37		23.84	23.74	23.11		
15	1	74		23.49	23.47	23.05		
15	36	0		22.14	22.37	22.24		
15	36	20		22.14	22.19	22.21		
15	36	39		22.14	22.16	22.18		
15	75	0		22.19	22.26	22.17		
15	1	0	64-QAM	22.34	22.30	22.33	21.98	0.1578
15	1	37		22.29	22.26	22.12		
15	1	74		22.48	22.36	21.96		
15	36	0		21.17	21.21	21.27		
15	36	20		21.36	21.21	21.24		
15	36	39		21.16	21.21	21.08		
15	75	0		21.18	21.23	21.22		
15	1	0	256-QAM	18.91	19.03	18.91	18.63	0.0729
15	1	37		18.88	19.06	19.05		
15	1	74		18.96	19.13	19.02		
15	36	0		18.91	18.96	18.93		
15	36	20		18.94	18.99	18.96		
15	36	39		18.98	19.03	18.99		
15	75	0		18.90	19.00	19.02		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.14	24.06	24.00	23.64	0.2312
10	1	25		23.92	23.85	23.89		
10	1	49		24.10	24.14	24.01		
10	25	0		23.08	23.19	23.11		
10	25	12		23.19	23.16	23.14		
10	25	25		23.13	23.15	23.11		
10	50	0		23.19	23.15	23.11		
10	1	0	16-QAM	23.70	23.42	23.60	23.20	0.2089
10	1	25		23.27	23.30	23.36		
10	1	49		23.47	23.35	23.56		
10	25	0		22.15	22.10	22.11		
10	25	12		22.17	22.20	22.09		
10	25	25		22.12	22.11	22.09		
10	50	0		22.03	22.15	22.19		
10	1	0	64-QAM	22.07	22.39	22.41	21.94	0.1563
10	1	25		22.21	22.23	21.85		
10	1	49		22.25	22.05	22.44		
10	25	0		21.16	21.13	21.28		
10	25	12		21.21	21.08	21.27		
10	25	25		21.25	21.25	21.21		
10	50	0		21.16	21.21	21.24		
10	1	0	256-QAM	18.94	18.95	18.97	18.64	0.0731
10	1	25		18.91	19.05	19.00		
10	1	49		18.87	19.14	18.97		
10	25	0		18.94	18.94	18.99		
10	25	12		18.92	19.05	19.04		
10	25	25		18.99	19.00	19.04		
10	50	0		18.92	18.99	18.96		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.11	24.18	24.08	23.68	0.2333
5	1	12		24.10	24.13	23.87		
5	1	24		24.07	24.10	23.91		
5	12	0		23.24	23.16	23.08		
5	12	7		23.13	23.19	23.05		
5	12	13		23.14	23.24	23.03		
5	25	0		23.12	23.16	23.07		
5	1	0	16-QAM	22.89	23.26	23.58	23.08	0.2032
5	1	12		23.58	23.36	23.48		
5	1	24		23.43	23.15	23.33		
5	12	0		22.18	22.18	22.12		
5	12	7		22.30	22.28	22.03		
5	12	13		22.21	22.23	22.11		
5	25	0		22.21	22.10	22.10		
5	1	0	64-QAM	22.25	22.45	22.09	21.95	0.1567
5	1	12		22.20	22.37	21.99		
5	1	24		21.88	22.43	21.97		
5	12	0		21.29	21.18	21.04		
5	12	7		21.15	21.11	20.99		
5	12	13		21.05	21.19	21.03		
5	25	0		21.08	21.14	21.12		
5	1	0	256-QAM	18.96	19.05	19.00	18.62	0.0728
5	1	12		18.83	18.98	19.02		
5	1	24		18.88	19.12	19.07		
5	12	0		18.90	18.92	19.00		
5	12	7		18.96	19.08	18.96		
5	12	13		18.98	19.06	19.00		
5	25	0		18.95	19.07	19.03		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.13	24.08	23.98	23.63	0.2307
3	1	8		24.07	24.05	23.97		
3	1	14		24.06	24.04	23.95		
3	8	0		23.13	23.01	23.02		
3	8	4		23.12	23.09	22.94		
3	8	7		23.11	23.06	22.98		
3	15	0		23.11	23.18	22.95		
3	1	0	16-QAM	23.49	22.98	23.44	22.99	0.1991
3	1	8		23.12	23.12	23.31		
3	1	14		23.29	23.46	23.09		
3	8	0		22.06	22.04	22.03		
3	8	4		22.22	22.10	21.93		
3	8	7		22.11	22.23	22.05		
3	15	0		22.12	22.10	21.95		
3	1	0	64-QAM	22.39	22.01	22.07	21.89	0.1545
3	1	8		22.11	21.96	22.13		
3	1	14		22.38	21.98	21.90		
3	8	0		21.16	21.18	21.02		
3	8	4		21.19	21.00	20.95		
3	8	7		21.10	21.14	20.92		
3	15	0		21.05	21.09	20.97		
3	1	0	256-QAM	18.90	18.96	18.99	18.60	0.0724
3	1	8		18.93	19.03	19.03		
3	1	14		18.89	19.10	18.97		
3	8	0		18.93	19.02	18.99		
3	8	4		18.93	18.99	18.98		
3	8	7		18.97	19.02	18.99		
3	15	0		18.92	18.97	19.03		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.85	23.86	23.66	23.46	0.2218
1.4	1	3		23.90	23.82	23.57		
1.4	1	5		23.96	23.94	23.62		
1.4	3	0		23.89	23.92	23.72		
1.4	3	1		23.90	23.96	23.80		
1.4	3	3		23.81	23.92	23.70		
1.4	6	0		22.91	22.86	22.73		
1.4	1	0	16-QAM	23.19	23.12	23.45	23.10	0.2042
1.4	1	3		23.12	23.31	23.32		
1.4	1	5		23.60	23.10	23.11		
1.4	3	0		22.99	22.93	23.02		
1.4	3	1		23.22	22.85	22.95		
1.4	3	3		22.95	22.84	22.98		
1.4	6	0		21.94	22.05	21.78		
1.4	1	0	64-QAM	21.79	21.76	21.90	21.79	0.1510
1.4	1	3		22.04	22.29	21.71		
1.4	1	5		21.80	22.01	21.77		
1.4	3	0		22.09	22.10	21.62		
1.4	3	1		22.12	22.03	21.99		
1.4	3	3		22.05	21.87	21.96		
1.4	6	0		20.69	20.89	20.78		
1.4	1	0	256-QAM	18.90	19.04	18.90	18.61	0.0726
1.4	1	3		18.86	19.04	19.02		
1.4	1	5		18.91	19.11	19.04		
1.4	3	0		18.98	18.94	18.95		
1.4	3	1		18.93	18.98	19.00		
1.4	3	3		18.93	19.10	19.01		
1.4	6	0		18.93	19.03	19.06		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.90	24.01	24.11	22.11	0.1626
20	1	49		23.88	23.98	23.97		
20	1	99		23.89	23.81	23.93		
20	50	0		23.03	23.01	23.04		
20	50	24		23.04	23.08	23.07		
20	50	50		23.03	23.04	23.04		
20	100	0		22.97	22.92	22.98		
20	1	0	16-QAM	23.54	23.45	23.58	21.58	0.1439
20	1	49		23.45	23.11	23.46		
20	1	99		23.02	23.03	23.11		
20	50	0		22.10	22.02	22.05		
20	50	24		22.13	21.99	21.95		
20	50	50		22.09	21.98	22.02		
20	100	0		22.02	22.07	22.01		
20	1	0	64-QAM	21.95	22.45	22.07	20.45	0.1109
20	1	49		22.13	22.32	21.97		
20	1	99		22.31	22.05	22.41		
20	50	0		21.05	21.09	21.10		
20	50	24		21.00	21.04	20.95		
20	50	50		21.00	21.06	20.96		
20	100	0		20.94	21.05	21.01		
20	1	0	256-QAM	18.89	18.99	18.94	17.15	0.0519
20	1	49		19.04	18.96	18.94		
20	1	99		19.15	19.03	18.99		
20	50	0		18.89	18.91	18.88		
20	50	24		18.96	18.93	18.93		
20	50	50		18.96	18.94	18.94		
20	100	0		18.91	18.91	18.89		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.01	23.91	24.00	22.02	0.1592
15	1	37		23.95	23.95	24.02		
15	1	74		23.88	23.89	24.00		
15	36	0		23.10	23.05	23.12		
15	36	20		23.10	22.99	23.05		
15	36	39		23.09	23.05	23.04		
15	75	0		23.08	22.95	22.97		
15	1	0	16-QAM	23.20	22.73	23.08	21.48	0.1406
15	1	37		23.48	22.82	23.43		
15	1	74		23.19	22.91	23.18		
15	36	0		22.15	22.09	22.05		
15	36	20		22.10	22.02	22.09		
15	36	39		22.05	22.09	22.07		
15	75	0		22.10	22.03	22.00		
15	1	0	64-QAM	21.98	22.28	22.25	20.43	0.1104
15	1	37		22.18	21.92	22.03		
15	1	74		22.08	22.22	22.43		
15	36	0		21.10	21.20	21.06		
15	36	20		21.10	21.02	21.12		
15	36	39		21.15	20.99	21.05		
15	75	0		21.08	21.11	20.99		
15	1	0	256-QAM	18.81	18.99	18.91	17.05	0.0507
15	1	37		19.01	18.95	18.88		
15	1	74		19.05	18.98	18.94		
15	36	0		18.83	18.91	18.88		
15	36	20		18.88	18.85	18.91		
15	36	39		18.87	18.86	18.92		
15	75	0		18.83	18.85	18.83		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.06	24.07	24.03	22.07	0.1611
10	1	25		23.92	24.05	24.04		
10	1	49		24.04	24.03	24.06		
10	25	0		23.22	23.10	23.17		
10	25	12		23.16	23.16	23.15		
10	25	25		23.14	23.25	23.17		
10	50	0		23.27	23.21	23.17		
10	1	0	16-QAM	23.33	23.32	23.75	21.75	0.1496
10	1	25		23.55	23.18	23.08		
10	1	49		23.51	23.73	23.29		
10	25	0		22.33	22.20	22.24		
10	25	12		22.19	22.38	22.22		
10	25	25		22.35	22.22	22.18		
10	50	0		22.27	22.28	22.27		
10	1	0	64-QAM	22.16	22.21	22.26	20.44	0.1107
10	1	25		22.27	22.38	22.44		
10	1	49		22.40	22.36	22.44		
10	25	0		21.16	21.18	21.20		
10	25	12		21.19	21.17	21.21		
10	25	25		21.18	21.18	21.12		
10	50	0		21.23	21.24	21.22		
10	1	0	256-QAM	18.81	18.95	18.86	17.15	0.0519
10	1	25		18.97	18.92	18.89		
10	1	49		19.15	18.96	18.97		
10	25	0		18.80	18.91	18.88		
10	25	12		18.88	18.91	18.90		
10	25	25		18.88	18.87	18.86		
10	50	0		18.86	18.87	18.79		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.02	23.96	23.99	22.06	0.1607
5	1	12		24.01	24.02	24.06		
5	1	24		24.06	24.04	24.03		
5	12	0		23.15	23.15	23.17		
5	12	7		23.17	23.19	23.18		
5	12	13		23.20	23.23	23.17		
5	25	0		23.15	23.16	23.16		
5	1	0	16-QAM	23.31	23.66	23.72	21.72	0.1486
5	1	12		23.46	23.54	23.66		
5	1	24		23.56	23.61	23.56		
5	12	0		22.15	22.33	22.21		
5	12	7		22.15	22.18	22.08		
5	12	13		22.18	22.21	22.26		
5	25	0		22.35	22.14	22.17		
5	1	0	64-QAM	22.46	22.46	22.39	20.48	0.1117
5	1	12		22.07	22.48	22.14		
5	1	24		22.40	22.41	22.19		
5	12	0		21.18	21.25	21.24		
5	12	7		21.28	21.18	21.25		
5	12	13		21.05	21.15	21.19		
5	25	0		21.17	21.08	21.18		
5	1	0	256-QAM	18.83	18.91	18.90	17.11	0.0514
5	1	12		18.95	18.90	18.89		
5	1	24		19.11	18.98	18.94		
5	12	0		18.82	18.86	18.80		
5	12	7		18.95	18.85	18.92		
5	12	13		18.94	18.88	18.86		
5	25	0		18.82	18.87	18.80		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.09	24.06	24.08	22.10	0.1622
3	1	8		24.04	24.10	24.03		
3	1	14		24.10	24.06	24.07		
3	8	0		23.24	23.11	23.15		
3	8	4		23.14	23.18	23.19		
3	8	7		23.18	23.26	23.18		
3	15	0		23.25	23.27	23.17		
3	1	0	16-QAM	23.29	23.62	23.76	21.88	0.1542
3	1	8		23.68	23.75	23.31		
3	1	14		23.88	23.54	23.48		
3	8	0		22.43	22.36	22.23		
3	8	4		22.26	22.17	22.38		
3	8	7		22.28	22.27	22.24		
3	15	0		22.25	22.35	22.14		
3	1	0	64-QAM	22.01	22.39	22.63	20.71	0.1178
3	1	8		21.70	22.49	22.09		
3	1	14		21.85	22.45	22.71		
3	8	0		21.34	21.14	21.18		
3	8	4		21.28	21.10	21.12		
3	8	7		21.23	21.23	21.31		
3	15	0		21.25	21.18	21.32		
3	1	0	256-QAM	18.86	18.98	18.88	17.07	0.0509
3	1	8		18.96	18.88	18.85		
3	1	14		19.07	19.02	18.94		
3	8	0		18.86	18.84	18.78		
3	8	4		18.89	18.85	18.90		
3	8	7		18.91	18.93	18.85		
3	15	0		18.81	18.91	18.81		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.81	23.78	23.85	21.99	0.1581
1.4	1	3		23.82	23.76	23.92		
1.4	1	5		23.90	23.81	23.81		
1.4	3	0		23.88	23.80	23.86		
1.4	3	1		23.99	23.91	23.93		
1.4	3	3		23.86	23.77	23.84		
1.4	6	0		22.93	22.84	22.87		
1.4	1	0	16-QAM	22.56	22.66	22.60	21.15	0.1303
1.4	1	3		22.53	22.66	22.63		
1.4	1	5		22.57	23.08	22.84		
1.4	3	0		22.80	22.72	22.78		
1.4	3	1		22.92	22.89	22.81		
1.4	3	3		23.15	22.90	22.96		
1.4	6	0		21.87	21.92	21.89		
1.4	1	0	64-QAM	22.13	22.21	22.24	20.24	0.1057
1.4	1	3		21.84	22.09	22.01		
1.4	1	5		22.13	22.18	22.21		
1.4	3	0		21.91	21.92	22.24		
1.4	3	1		22.24	22.06	22.06		
1.4	3	3		21.94	21.95	22.06		
1.4	6	0		20.93	20.91	20.88		
1.4	1	0	256-QAM	18.89	18.94	18.94	17.15	0.0519
1.4	1	3		19.02	18.94	18.91		
1.4	1	5		19.15	18.98	18.96		
1.4	3	0		18.88	18.90	18.81		
1.4	3	1		18.94	18.84	18.93		
1.4	3	3		18.87	18.84	18.90		
1.4	6	0		18.87	18.87	18.86		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.32	24.33	24.22	18.98	0.0791
10	1	25		24.18	24.22	24.15		
10	1	49		24.20	24.18	24.17		
10	25	0		23.33	23.29	23.31		
10	25	12		23.36	23.29	23.37		
10	25	25		23.27	23.32	23.38		
10	50	0		23.30	23.32	23.33		
10	1	0	16-QAM	23.74	23.62	23.59	18.39	0.0690
10	1	25		23.42	23.49	23.53		
10	1	49		23.64	23.54	23.26		
10	25	0		22.32	22.37	22.29		
10	25	12		22.23	22.30	22.35		
10	25	25		22.38	22.24	22.22		
10	50	0		22.31	22.34	22.31		
10	1	0	64-QAM	22.16	22.23	22.50	17.28	0.0535
10	1	25		22.02	22.59	22.46		
10	1	49		22.32	22.63	22.46		
10	25	0		21.26	21.27	21.28		
10	25	12		21.32	21.21	21.25		
10	25	25		21.28	21.20	21.31		
10	50	0		21.32	21.29	21.30		
10	1	0	256-QAM	19.50	19.54	19.66	14.31	0.0270
10	1	25		19.36	19.51	19.58		
10	1	49		19.45	19.48	19.54		
10	25	0		19.43	19.44	19.53		
10	25	12		19.43	19.45	19.49		
10	25	25		19.40	19.43	19.50		
10	50	0		19.39	19.47	19.49		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.24	24.24	24.29	18.97	0.0789
5	1	12		24.27	24.28	24.31		
5	1	24		24.32	24.30	24.31		
5	12	0		23.31	23.33	23.33		
5	12	7		23.36	23.34	23.24		
5	12	13		23.29	23.24	23.28		
5	25	0		23.34	23.31	23.30		
5	1	0	16-QAM	23.68	23.69	23.63	18.55	0.0716
5	1	12		23.90	23.41	23.47		
5	1	24		23.35	23.44	23.62		
5	12	0		22.32	22.28	22.40		
5	12	7		22.30	22.38	22.32		
5	12	13		22.29	22.30	22.34		
5	25	0		22.31	22.40	22.32		
5	1	0	64-QAM	22.56	22.47	22.48	17.24	0.0530
5	1	12		22.59	22.37	22.45		
5	1	24		22.33	22.16	21.99		
5	12	0		21.36	21.44	21.31		
5	12	7		21.35	21.28	21.30		
5	12	13		21.47	21.37	21.38		
5	25	0		21.35	21.34	21.30		
5	1	0	256-QAM	19.40	19.50	19.66	14.31	0.0270
5	1	12		19.31	19.47	19.58		
5	1	24		19.41	19.45	19.54		
5	12	0		19.43	19.35	19.51		
5	12	7		19.34	19.38	19.42		
5	12	13		19.34	19.39	19.50		
5	25	0		19.35	19.37	19.47		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.19	24.24	24.21	18.90	0.0776
3	1	8		24.14	24.18	24.07		
3	1	14		24.24	24.14	24.25		
3	8	0		23.23	23.29	23.26		
3	8	4		23.25	23.31	23.20		
3	8	7		23.28	23.28	23.31		
3	15	0		23.24	23.33	23.23		
3	1	0	16-QAM	23.45	23.65	23.70	18.53	0.0713
3	1	8		23.78	23.60	23.70		
3	1	14		23.55	23.88	23.71		
3	8	0		22.33	22.28	22.30		
3	8	4		22.37	22.20	22.30		
3	8	7		22.50	22.27	22.22		
3	15	0		22.35	22.31	22.30		
3	1	0	64-QAM	22.41	22.44	22.01	17.34	0.0542
3	1	8		22.28	22.09	21.86		
3	1	14		22.04	22.69	22.39		
3	8	0		21.40	21.18	21.10		
3	8	4		21.32	21.35	21.23		
3	8	7		21.39	21.34	21.15		
3	15	0		21.27	21.24	21.25		
3	1	0	256-QAM	19.43	19.50	19.63	14.28	0.0268
3	1	8		19.30	19.41	19.50		
3	1	14		19.44	19.42	19.48		
3	8	0		19.40	19.34	19.43		
3	8	4		19.37	19.38	19.44		
3	8	7		19.31	19.37	19.46		
3	15	0		19.35	19.44	19.42		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.27	24.20	24.13	18.93	0.0782
1.4	1	3		24.21	24.13	24.06		
1.4	1	5		24.23	24.22	24.28		
1.4	3	0		24.17	24.25	24.23		
1.4	3	1		24.21	24.24	24.26		
1.4	3	3		24.21	24.22	24.24		
1.4	6	0		23.20	23.19	23.22		
1.4	1	0	16-QAM	23.41	23.83	23.62	18.48	0.0705
1.4	1	3		23.24	23.70	23.07		
1.4	1	5		23.41	23.73	23.42		
1.4	3	0		23.10	23.15	23.34		
1.4	3	1		23.53	23.26	23.30		
1.4	3	3		23.14	23.31	23.36		
1.4	6	0		22.34	22.21	22.21		
1.4	1	0	64-QAM	22.28	22.18	22.57	17.28	0.0535
1.4	1	3		22.31	22.63	22.27		
1.4	1	5		22.52	22.55	22.50		
1.4	3	0		22.33	22.36	22.36		
1.4	3	1		22.17	22.32	22.29		
1.4	3	3		22.56	22.19	22.18		
1.4	6	0		21.23	21.35	21.27		
1.4	1	0	256-QAM	19.50	19.47	19.60	14.25	0.0266
1.4	1	3		19.33	19.43	19.58		
1.4	1	5		19.41	19.41	19.52		
1.4	3	0		19.39	19.36	19.53		
1.4	3	1		19.36	19.40	19.42		
1.4	3	3		19.30	19.37	19.49		
1.4	6	0		19.29	19.37	19.49		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 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	0	QPSK	24.12	24.07	24.16	22.46	0.1762
20	1	49		24.02	24.03	24.08		
20	1	99		24.10	24.03	24.10		
20	50	0		23.21	23.16	23.25		
20	50	24		23.28	23.19	23.26		
20	50	50		23.19	23.10	23.24		
20	100	0		23.17	23.07	23.28		
20	1	0	16-QAM	23.11	23.41	23.47	22.03	0.1596
20	1	49		23.54	23.45	23.27		
20	1	99		23.50	23.73	23.53		
20	50	0		22.16	22.18	22.26		
20	50	24		22.18	22.16	22.29		
20	50	50		22.16	22.14	22.28		
20	100	0		22.13	22.07	22.14		
20	1	0	64-QAM	22.48	22.13	22.12	20.96	0.1247
20	1	49		22.31	22.15	21.91		
20	1	99		22.18	22.21	22.66		
20	50	0		21.28	21.18	21.23		
20	50	24		21.18	21.20	21.22		
20	50	50		21.27	21.16	21.23		
20	100	0		21.17	21.18	21.25		
20	1	0	256-QAM	19.32	19.30	19.30	17.65	0.0582
20	1	49		19.14	19.24	19.20		
20	1	99		19.19	19.19	19.24		
20	50	0		19.30	19.29	19.27		
20	50	24		19.35	19.30	19.25		
20	50	50		19.33	19.21	19.29		
20	100	0		19.29	19.25	19.23		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 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	0	QPSK	24.01	24.12	24.13	22.43	0.1750
15	1	37		23.99	24.10	24.07		
15	1	74		24.11	24.09	24.06		
15	36	0		23.17	23.17	23.28		
15	36	20		23.14	23.15	23.17		
15	36	39		23.20	23.12	23.24		
15	75	0		23.19	23.22	23.14		
15	1	0	16-QAM	23.15	23.45	23.57	21.88	0.1542
15	1	37		23.38	23.24	23.21		
15	1	74		23.33	23.57	23.58		
15	36	0		22.21	22.13	22.21		
15	36	20		22.16	22.21	22.26		
15	36	39		22.20	22.15	22.31		
15	75	0		22.21	22.15	22.22		
15	1	0	64-QAM	22.18	22.18	22.46	20.76	0.1191
15	1	37		22.06	21.97	22.18		
15	1	74		21.98	22.36	22.07		
15	36	0		21.14	21.25	21.25		
15	36	20		21.14	21.20	21.17		
15	36	39		21.12	21.15	21.29		
15	75	0		21.20	21.14	21.26		
15	1	0	256-QAM	19.29	19.20	19.23	17.60	0.0575
15	1	37		19.05	19.22	19.12		
15	1	74		19.13	19.16	19.17		
15	36	0		19.20	19.21	19.21		
15	36	20		19.25	19.30	19.24		
15	36	39		19.26	19.12	19.21		
15	75	0		19.21	19.23	19.23		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 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	0	QPSK	24.04	24.04	24.12	22.44	0.1754
10	1	25		23.96	23.97	23.85		
10	1	49		24.11	24.02	24.14		
10	25	0		23.12	23.09	23.18		
10	25	12		23.22	23.04	23.19		
10	25	25		23.20	23.10	23.23		
10	50	0		23.25	23.20	23.16		
10	1	0	16-QAM	23.48	23.24	23.59	21.89	0.1545
10	1	25		23.18	23.13	23.39		
10	1	49		23.17	23.39	23.23		
10	25	0		22.21	22.18	22.14		
10	25	12		22.11	22.08	22.21		
10	25	25		22.23	22.17	22.14		
10	50	0		22.14	22.04	22.19		
10	1	0	64-QAM	22.28	21.95	21.94	20.64	0.1159
10	1	25		22.22	22.19	22.11		
10	1	49		22.06	22.07	22.34		
10	25	0		21.06	21.09	21.08		
10	25	12		21.07	21.06	21.19		
10	25	25		21.12	21.13	21.11		
10	50	0		21.18	21.17	21.17		
10	1	0	256-QAM	19.29	19.20	19.20	17.63	0.0579
10	1	25		19.10	19.23	19.14		
10	1	49		19.10	19.09	19.17		
10	25	0		19.23	19.27	19.27		
10	25	12		19.33	19.23	19.20		
10	25	25		19.33	19.20	19.19		
10	50	0		19.20	19.22	19.14		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 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	0	QPSK	24.08	24.10	24.13	22.43	0.1750
5	1	12		24.07	24.08	24.12		
5	1	24		24.09	24.01	24.12		
5	12	0		23.16	23.11	23.06		
5	12	7		23.16	23.03	23.16		
5	12	13		23.14	23.05	23.15		
5	25	0		23.21	23.09	23.12		
5	1	0	16-QAM	23.76	23.39	23.71	22.06	0.1607
5	1	12		23.70	23.45	23.65		
5	1	24		23.59	23.60	23.67		
5	12	0		22.11	22.14	22.10		
5	12	7		22.13	22.18	22.17		
5	12	13		22.16	22.21	22.26		
5	25	0		22.07	22.07	22.18		
5	1	0	64-QAM	22.24	22.19	22.15	20.81	0.1205
5	1	12		21.80	22.28	22.06		
5	1	24		22.51	22.40	22.47		
5	12	0		21.16	21.05	21.07		
5	12	7		21.16	21.09	21.16		
5	12	13		21.15	21.14	21.21		
5	25	0		21.15	21.10	21.13		
5	1	0	256-QAM	19.24	19.23	19.21	17.61	0.0577
5	1	12		19.04	19.15	19.17		
5	1	24		19.09	19.15	19.20		
5	12	0		19.27	19.23	19.20		
5	12	7		19.31	19.24	19.23		
5	12	13		19.24	19.20	19.23		
5	25	0		19.19	19.18	19.21		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.21	24.31	24.21	18.36	0.0685
10	1	25		24.21	24.23	24.24		
10	1	49		24.20	24.30	24.27		
10	25	0		23.35	23.36	23.42		
10	25	12		23.25	23.26	23.33		
10	25	25		23.34	23.33	23.41		
10	50	0		23.39	23.36	23.45		
10	1	0	16-QAM	23.47	23.40	23.68	17.90	0.0617
10	1	25		23.45	23.40	23.71		
10	1	49		23.62	23.85	23.81		
10	25	0		22.25	22.34	22.27		
10	25	12		22.39	22.21	22.31		
10	25	25		22.32	22.38	22.41		
10	50	0		22.32	22.35	22.37		
10	1	0	64-QAM	22.56	22.29	22.41	16.70	0.0468
10	1	25		22.53	22.51	22.36		
10	1	49		22.16	22.65	22.38		
10	25	0		21.33	21.28	21.31		
10	25	12		21.29	21.30	21.28		
10	25	25		21.37	21.38	21.42		
10	50	0		21.31	21.38	21.38		
10	1	0	256-QAM	19.59	19.58	19.66	13.71	0.0235
10	1	25		19.48	19.56	19.65		
10	1	49		19.52	19.61	19.58		
10	25	0		19.55	19.60	19.57		
10	25	12		19.53	19.52	19.55		
10	25	25		19.53	19.55	19.52		
10	50	0		19.54	19.54	19.54		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.29	24.28	24.27	18.35	0.0684
5	1	12		24.25	24.30	24.29		
5	1	24		24.24	24.28	24.25		
5	12	0		23.40	23.42	23.45		
5	12	7		23.46	23.33	23.47		
5	12	13		23.44	23.42	23.43		
5	25	0		23.49	23.44	23.40		
5	1	0	16-QAM	23.93	23.30	23.79	17.98	0.0628
5	1	12		23.60	23.90	23.85		
5	1	24		23.76	23.61	23.44		
5	12	0		22.44	22.39	22.50		
5	12	7		22.52	22.44	22.58		
5	12	13		22.50	22.42	22.49		
5	25	0		22.43	22.47	22.41		
5	1	0	64-QAM	22.42	22.55	22.46	16.75	0.0473
5	1	12		22.37	22.24	22.70		
5	1	24		22.17	22.69	22.46		
5	12	0		21.48	21.33	21.50		
5	12	7		21.53	21.33	21.37		
5	12	13		21.44	21.36	21.36		
5	25	0		21.37	21.49	21.43		
5	1	0	256-QAM	19.50	19.48	19.63	13.68	0.0233
5	1	12		19.46	19.49	19.56		
5	1	24		19.50	19.58	19.54		
5	12	0		19.51	19.51	19.47		
5	12	7		19.45	19.51	19.54		
5	12	13		19.51	19.45	19.47		
5	25	0		19.49	19.45	19.47		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.29	24.28	24.30	18.35	0.0684
3	1	8		24.27	24.25	24.29		
3	1	14		24.28	24.26	24.30		
3	8	0		23.44	23.33	23.29		
3	8	4		23.45	23.29	23.40		
3	8	7		23.42	23.39	23.38		
3	15	0		23.32	23.39	23.44		
3	1	0	16-QAM	23.76	23.62	23.57	18.07	0.0641
3	1	8		23.50	23.85	23.66		
3	1	14		23.63	23.85	24.02		
3	8	0		22.46	22.23	22.44		
3	8	4		22.43	22.32	22.36		
3	8	7		22.60	22.34	22.53		
3	15	0		22.43	22.36	22.49		
3	1	0	64-QAM	22.58	22.46	22.57	16.63	0.0460
3	1	8		22.36	22.37	22.01		
3	1	14		21.89	22.58	22.06		
3	8	0		21.45	21.23	21.49		
3	8	4		20.97	21.35	21.44		
3	8	7		21.51	21.47	21.39		
3	15	0		21.36	21.34	21.45		
3	1	0	256-QAM	19.56	19.48	19.58	13.64	0.0231
3	1	8		19.40	19.50	19.59		
3	1	14		19.52	19.54	19.58		
3	8	0		19.52	19.52	19.50		
3	8	4		19.53	19.44	19.48		
3	8	7		19.43	19.55	19.45		
3	15	0		19.53	19.46	19.49		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.26	24.29	24.26	18.35	0.0684
1.4	1	3		24.17	24.22	24.30		
1.4	1	5		24.30	24.28	24.29		
1.4	3	0		24.29	24.27	24.29		
1.4	3	1		24.27	24.27	24.27		
1.4	3	3		24.29	24.30	24.30		
1.4	6	0		23.42	23.37	23.38		
1.4	1	0	16-QAM	23.90	23.57	23.42	17.95	0.0624
1.4	1	3		23.08	23.47	23.27		
1.4	1	5		23.08	23.49	23.56		
1.4	3	0		23.29	23.62	23.50		
1.4	3	1		23.39	23.40	23.47		
1.4	3	3		23.55	23.51	23.45		
1.4	6	0		22.40	22.31	22.48		
1.4	1	0	64-QAM	22.66	22.29	22.56	16.87	0.0486
1.4	1	3		22.76	22.12	22.37		
1.4	1	5		22.67	22.49	22.82		
1.4	3	0		22.39	22.27	22.46		
1.4	3	1		22.37	22.69	22.53		
1.4	3	3		22.50	22.34	22.43		
1.4	6	0		21.38	21.35	21.41		
1.4	1	0	256-QAM	19.59	19.57	19.63	13.69	0.0234
1.4	1	3		19.39	19.53	19.64		
1.4	1	5		19.51	19.51	19.52		
1.4	3	0		19.51	19.54	19.54		
1.4	3	1		19.51	19.47	19.54		
1.4	3	3		19.50	19.54	19.49		
1.4	6	0		19.47	19.46	19.45		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.47	-	19.22	0.0836
10	1	25			24.26			
10	1	49			24.46			
10	25	0			23.54			
10	25	12			23.55			
10	25	25			23.43			
10	50	0			23.56			
10	1	0	16-QAM		23.75		18.50	0.0708
10	1	25			23.47			
10	1	49			23.38			
10	25	0			22.57			
10	25	12			22.52			
10	25	25			22.58			
10	50	0			22.53			
10	1	0	64-QAM		22.28		17.24	0.0530
10	1	25			22.37			
10	1	49			22.49			
10	25	0			21.49			
10	25	12			21.46			
10	25	25			21.49			
10	50	0			21.57			
10	1	0	256-QAM		19.80		14.55	0.0285
10	1	25			19.71			
10	1	49			19.65			
10	25	0			19.65			
10	25	12			19.58			
10	25	25			19.53			
10	50	0			19.61			
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.42	24.38	24.43	19.20	0.0832
5	1	12		24.35	24.40	24.45		
5	1	24		24.41	24.45	24.38		
5	12	0		23.40	23.50	23.53		
5	12	7		23.56	23.47	23.51		
5	12	13		23.62	23.42	23.55		
5	25	0		23.57	23.56	23.52		
5	1	0	16-QAM	23.48	23.63	23.56	18.77	0.0753
5	1	12		23.31	23.17	24.02		
5	1	24		23.72	23.51	23.68		
5	12	0		22.52	21.80	22.56		
5	12	7		22.58	22.47	22.53		
5	12	13		22.73	22.71	22.57		
5	25	0		22.60	22.53	22.52		
5	1	0	64-QAM	22.13	22.70	22.64	17.53	0.0566
5	1	12		22.61	22.74	22.78		
5	1	24		22.76	22.37	22.78		
5	12	0		21.53	21.53	21.65		
5	12	7		21.53	21.58	21.50		
5	12	13		21.50	21.40	21.56		
5	25	0		21.55	20.81	21.50		
5	1	0	256-QAM	19.71	19.80	19.73	14.55	0.0285
5	1	12		19.63	19.69	19.68		
5	1	24		19.59	19.59	19.63		
5	12	0		19.59	19.59	19.64		
5	12	7		19.55	19.55	19.56		
5	12	13		19.46	19.50	19.50		
5	25	0		19.56	19.61	19.61		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.19	24.18	24.24	18.29	0.0675
10	1	25		24.17	24.13	24.15		
10	1	49		24.15	24.16	24.20		
10	25	0		23.30	23.29	23.30		
10	25	12		23.34	23.29	23.33		
10	25	25		23.40	23.36	23.39		
10	50	0		23.31	23.32	23.34		
10	1	0	16-QAM	23.40	23.24	23.40	17.85	0.0610
10	1	25		23.53	23.65	23.80		
10	1	49		23.64	23.40	23.23		
10	25	0		22.30	22.35	22.34		
10	25	12		22.35	22.32	22.31		
10	25	25		22.30	22.42	22.36		
10	50	0		22.32	22.34	22.35		
10	1	0	64-QAM	22.46	22.51	22.25	16.56	0.0453
10	1	25		22.18	22.31	22.38		
10	1	49		22.41	22.36	22.48		
10	25	0		21.26	21.28	21.16		
10	25	12		21.27	21.33	21.31		
10	25	25		21.31	21.39	21.33		
10	50	0		21.25	21.35	21.37		
10	1	0	256-QAM	19.52	19.52	19.57	13.67	0.0233
10	1	25		19.53	19.48	19.55		
10	1	49		19.62	19.56	19.50		
10	25	0		19.52	19.55	19.52		
10	25	12		19.53	19.53	19.47		
10	25	25		19.51	19.52	19.52		
10	50	0		19.49	19.50	19.49		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.17	24.18	24.20	18.28	0.0673
5	1	12		24.22	24.23	24.21		
5	1	24		24.20	24.18	24.19		
5	12	0		23.45	23.32	23.39		
5	12	7		23.40	23.43	23.41		
5	12	13		23.41	23.42	23.37		
5	25	0		23.40	23.47	23.43		
5	1	0	16-QAM	23.79	23.63	23.25	17.84	0.0608
5	1	12		23.73	23.20	23.71		
5	1	24		23.21	23.14	23.66		
5	12	0		22.38	22.30	22.39		
5	12	7		22.45	22.34	22.41		
5	12	13		22.43	22.43	22.43		
5	25	0		22.29	22.41	22.36		
5	1	0	64-QAM	22.47	22.18	22.26	16.82	0.0481
5	1	12		22.74	22.73	22.77		
5	1	24		22.23	22.23	22.54		
5	12	0		21.41	21.47	21.34		
5	12	7		21.30	21.45	21.48		
5	12	13		21.27	21.45	21.32		
5	25	0		21.37	21.41	21.43		
5	1	0	256-QAM	19.43	19.42	19.53	13.60	0.0229
5	1	12		19.44	19.44	19.54		
5	1	24		19.55	19.49	19.40		
5	12	0		19.43	19.54	19.48		
5	12	7		19.50	19.46	19.41		
5	12	13		19.43	19.49	19.46		
5	25	0		19.39	19.48	19.41		
Limit	ERP < 3W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.15	24.20	24.25	18.90	0.0776
15	1	37		23.99	23.98	24.11		
15	1	74		24.13	24.18	24.20		
15	36	0		23.23	23.28	23.31		
15	36	20		23.27	23.31	23.34		
15	36	39		23.20	23.31	23.21		
15	75	0		23.26	23.34	23.28		
15	1	0	16-QAM	23.40	23.67	23.58	18.55	0.0716
15	1	37		23.41	23.69	23.46		
15	1	74		23.90	23.43	23.50		
15	36	0		22.33	22.19	22.39		
15	36	20		22.21	22.29	22.31		
15	36	39		22.22	22.20	22.23		
15	75	0		22.27	22.25	22.30		
15	1	0	64-QAM	22.26	22.44	22.60	17.40	0.0550
15	1	37		22.75	22.22	22.53		
15	1	74		22.38	22.23	22.29		
15	36	0		21.24	21.22	21.21		
15	36	20		21.25	21.24	21.17		
15	36	39		21.21	21.22	21.18		
15	75	0		21.33	21.23	21.33		
15	1	0	256-QAM	19.47	19.50	19.59	14.24	0.0265
15	1	37		19.56	19.41	19.54		
15	1	74		19.39	19.50	19.43		
15	36	0		19.44	19.37	19.45		
15	36	20		19.41	19.38	19.39		
15	36	39		19.36	19.35	19.41		
15	75	0		19.37	19.40	19.46		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.13	24.23	24.15	18.88	0.0773
10	1	25		24.09	24.07	24.16		
10	1	49		24.16	24.10	24.12		
10	25	0		23.32	23.32	23.28		
10	25	12		23.21	23.25	23.27		
10	25	25		23.25	23.24	23.23		
10	50	0		23.38	23.24	23.25		
10	1	0	16-QAM	23.40	23.64	23.41	18.40	0.0692
10	1	25		23.75	23.26	23.65		
10	1	49		23.71	23.53	23.38		
10	25	0		22.27	22.29	22.18		
10	25	12		22.33	22.23	22.24		
10	25	25		22.21	22.19	22.21		
10	50	0		22.26	22.35	22.30		
10	1	0	64-QAM	22.20	22.17	22.36	17.22	0.0527
10	1	25		22.29	22.35	22.30		
10	1	49		22.57	22.35	22.37		
10	25	0		21.26	21.20	21.36		
10	25	12		21.25	21.32	21.29		
10	25	25		21.24	21.31	21.23		
10	50	0		21.37	21.30	21.33		
10	1	0	256-QAM	19.44	19.48	19.59	14.24	0.0265
10	1	25		19.46	19.35	19.44		
10	1	49		19.31	19.47	19.34		
10	25	0		19.38	19.37	19.41		
10	25	12		19.33	19.36	19.33		
10	25	25		19.31	19.25	19.35		
10	50	0		19.35	19.36	19.39		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.23	24.24	24.23	18.89	0.0774
5	1	12		24.19	24.12	24.19		
5	1	24		24.12	24.24	24.08		
5	12	0		23.23	23.25	23.32		
5	12	7		23.23	23.30	23.34		
5	12	13		23.23	23.35	23.20		
5	25	0		23.24	23.31	23.29		
5	1	0	16-QAM	23.41	23.55	23.55	18.35	0.0684
5	1	12		23.68	23.70	23.67		
5	1	24		23.61	23.61	23.13		
5	12	0		22.14	22.38	22.35		
5	12	7		22.20	22.27	22.37		
5	12	13		22.17	22.35	22.27		
5	25	0		22.25	22.22	22.23		
5	1	0	64-QAM	21.93	22.46	22.71	17.36	0.0545
5	1	12		22.21	22.66	22.14		
5	1	24		22.36	22.23	22.29		
5	12	0		21.15	21.14	21.23		
5	12	7		21.23	21.25	21.25		
5	12	13		21.13	21.35	21.14		
5	25	0		21.29	21.26	21.22		
5	1	0	256-QAM	19.39	19.43	19.55	14.20	0.0263
5	1	12		19.52	19.38	19.54		
5	1	24		19.38	19.50	19.33		
5	12	0		19.38	19.31	19.39		
5	12	7		19.41	19.32	19.33		
5	12	13		19.26	19.33	19.31		
5	25	0		19.31	19.36	19.42		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.13	24.23	24.24	18.89	0.0774
3	1	8		23.98	24.24	24.10		
3	1	14		24.06	24.05	24.15		
3	8	0		23.19	23.18	23.31		
3	8	4		23.24	23.14	23.26		
3	8	7		23.13	23.22	23.26		
3	15	0		23.16	23.15	23.27		
3	1	0	16-QAM	23.56	23.35	23.61	18.31	0.0678
3	1	8		23.22	23.32	23.63		
3	1	14		23.21	23.36	23.66		
3	8	0		22.19	22.13	22.32		
3	8	4		22.22	22.16	22.25		
3	8	7		22.16	22.11	22.37		
3	15	0		22.17	22.28	22.33		
3	1	0	64-QAM	22.15	22.26	22.37	17.02	0.0504
3	1	8		22.20	22.35	21.94		
3	1	14		22.30	22.24	22.10		
3	8	0		21.18	21.21	21.21		
3	8	4		21.02	21.14	21.27		
3	8	7		21.19	21.24	21.33		
3	15	0		21.13	21.31	21.16		
3	1	0	256-QAM	19.47	19.50	19.54	14.19	0.0262
3	1	8		19.48	19.32	19.50		
3	1	14		19.29	19.40	19.41		
3	8	0		19.42	19.36	19.36		
3	8	4		19.34	19.30	19.35		
3	8	7		19.27	19.25	19.34		
3	15	0		19.33	19.33	19.41		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.11	24.12	24.15	18.89	0.0774
1.4	1	3		24.08	24.07	24.11		
1.4	1	5		24.14	24.15	24.06		
1.4	3	0		24.16	24.13	24.16		
1.4	3	1		24.20	24.14	24.24		
1.4	3	3		24.17	24.15	24.15		
1.4	6	0		23.13	23.19	23.20		
1.4	1	0	16-QAM	23.32	23.35	23.44	18.09	0.0644
1.4	1	3		23.32	23.19	23.27		
1.4	1	5		23.39	23.37	23.40		
1.4	3	0		23.21	23.18	23.26		
1.4	3	1		23.20	23.28	23.33		
1.4	3	3		23.21	23.20	23.34		
1.4	6	0		22.17	22.11	22.17		
1.4	1	0	64-QAM	22.37	22.30	22.34	17.02	0.0504
1.4	1	3		22.17	22.12	22.12		
1.4	1	5		22.31	22.29	22.28		
1.4	3	0		22.16	22.19	22.26		
1.4	3	1		22.29	22.26	22.31		
1.4	3	3		22.20	22.20	22.26		
1.4	6	0		21.06	21.06	21.10		
1.4	1	0	256-QAM	19.45	19.47	19.59	14.24	0.0265
1.4	1	3		19.52	19.40	19.54		
1.4	1	5		19.31	19.46	19.39		
1.4	3	0		19.42	19.35	19.40		
1.4	3	1		19.39	19.37	19.38		
1.4	3	3		19.31	19.31	19.32		
1.4	6	0		19.33	19.32	19.44		
Limit	ERP < 7W			Result			Pass	

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.64	25.61	25.62	24.34	0.2716
20	1	49		25.60	25.59	25.58		
20	1	99		25.58	25.61	25.44		
20	50	0		24.67	24.65	24.66		
20	50	24		24.63	24.60	24.66		
20	50	50		24.67	24.63	24.61		
20	100	0		24.71	24.67	24.61		
20	1	0	16-QAM	24.92	24.94	24.99	23.70	0.2344
20	1	49		24.79	24.79	24.81		
20	1	99		24.97	25.00	24.92		
20	50	0		23.60	23.75	23.55		
20	50	24		23.66	23.73	23.65		
20	50	50		23.72	23.65	23.62		
20	100	0		23.67	23.70	23.63		
20	1	0	64-QAM	23.62	23.63	23.48	22.48	0.1770
20	1	49		23.72	23.58	23.77		
20	1	99		23.69	23.64	23.78		
20	50	0		22.58	22.62	22.59		
20	50	24		22.64	22.73	22.61		
20	50	50		22.69	22.63	22.57		
20	100	0		22.64	22.59	22.59		
20	1	0	256-QAM	20.49	20.78	20.61	19.55	0.0902
20	1	49		20.46	20.77	20.48		
20	1	99		20.45	20.67	20.42		
20	50	0		20.78	20.85	20.84		
20	50	24		20.77	20.82	20.82		
20	50	50		20.75	20.78	20.77		
20	100	0		20.72	20.76	20.77		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.57	25.58	25.45	24.32	0.2704
15	1	37		25.53	25.56	25.59		
15	1	74		25.62	25.60	25.54		
15	36	0		24.70	24.64	24.64		
15	36	20		24.74	24.69	24.58		
15	36	39		24.66	24.67	24.61		
15	75	0		24.67	24.60	24.62		
15	1	0	16-QAM	24.88	24.78	24.88	23.77	0.2382
15	1	37		24.98	24.80	24.95		
15	1	74		25.07	24.99	24.87		
15	36	0		23.62	23.65	23.63		
15	36	20		23.65	23.69	23.59		
15	36	39		23.67	23.58	23.62		
15	75	0		23.73	23.66	23.64		
15	1	0	64-QAM	23.49	23.76	23.46	22.46	0.1762
15	1	37		23.39	23.43	23.53		
15	1	74		23.63	23.66	23.60		
15	36	0		22.66	22.56	22.60		
15	36	20		22.69	22.70	22.57		
15	36	39		22.78	22.71	22.61		
15	75	0		22.72	22.53	22.60		
15	1	0	256-QAM	20.40	20.46	20.38	19.50	0.0891
15	1	37		20.38	20.45	20.42		
15	1	74		20.42	20.39	20.42		
15	36	0		20.71	20.74	20.80		
15	36	20		20.73	20.75	20.73		
15	36	39		20.67	20.73	20.72		
15	75	0		20.63	20.73	20.70		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.60	25.46	25.53	24.32	0.2704
10	1	25		25.62	25.62	25.50		
10	1	49		25.49	25.53	25.53		
10	25	0		24.66	24.65	24.62		
10	25	12		24.57	24.65	24.51		
10	25	25		24.61	24.69	24.55		
10	50	0		24.64	24.61	24.60		
10	1	0	16-QAM	25.07	24.91	24.89	23.77	0.2382
10	1	25		24.83	24.93	24.79		
10	1	49		24.94	25.02	24.81		
10	25	0		23.66	23.64	23.70		
10	25	12		23.66	23.67	23.73		
10	25	25		23.78	23.82	23.68		
10	50	0		23.59	23.62	23.61		
10	1	0	64-QAM	23.50	23.41	23.41	22.30	0.1698
10	1	25		23.38	23.46	23.42		
10	1	49		23.60	23.55	23.43		
10	25	0		22.65	22.64	22.60		
10	25	12		22.60	22.65	22.64		
10	25	25		22.65	22.69	22.57		
10	50	0		22.68	22.60	22.59		
10	1	0	256-QAM	20.55	20.55	20.61	19.52	0.0895
10	1	25		20.35	20.51	20.32		
10	1	49		20.40	20.49	20.41		
10	25	0		20.64	20.79	20.73		
10	25	12		20.69	20.78	20.66		
10	25	25		20.59	20.76	20.70		
10	50	0		20.53	20.82	20.63		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.61	25.55	25.55	24.33	0.2710
5	1	12		25.58	25.44	25.48		
5	1	24		25.63	25.57	25.47		
5	12	0		24.69	24.60	24.56		
5	12	7		24.69	24.67	24.57		
5	12	13		24.72	24.60	24.58		
5	25	0		24.66	24.65	24.63		
5	1	0	16-QAM	24.85	24.74	24.74	23.77	0.2382
5	1	12		24.96	24.77	24.95		
5	1	24		25.07	25.04	24.95		
5	12	0		23.61	23.69	23.70		
5	12	7		23.61	23.72	23.61		
5	12	13		23.74	23.65	23.64		
5	25	0		23.74	23.65	23.57		
5	1	0	64-QAM	23.78	23.63	23.67	22.55	0.1799
5	1	12		23.74	23.73	23.60		
5	1	24		23.85	23.73	23.71		
5	12	0		22.72	22.47	22.55		
5	12	7		22.72	22.47	22.56		
5	12	13		22.74	22.49	22.46		
5	25	0		22.68	22.54	22.65		
5	1	0	256-QAM	20.54	20.54	20.51	19.48	0.0887
5	1	12		20.28	20.53	20.23		
5	1	24		20.39	20.51	20.31		
5	12	0		20.62	20.77	20.73		
5	12	7		20.67	20.71	20.57		
5	12	13		20.50	20.77	20.66		
5	25	0		20.46	20.78	20.60		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.10	24.08	23.91	22.88	0.1941
20	1	49		24.13	24.05	23.90		
20	1	99		24.18	24.11	23.93		
20	50	0		23.30	23.20	23.02		
20	50	24		23.29	23.18	23.00		
20	50	50		23.31	23.22	23.03		
20	100	0		23.32	23.21	22.99		
20	1	0	16-QAM	23.25	23.30	22.99	22.01	0.1589
20	1	49		23.20	23.23	22.94		
20	1	99		23.27	23.31	22.96		
20	50	0		22.29	22.21	22.02		
20	50	24		22.30	22.21	22.04		
20	50	50		22.31	22.19	22.00		
20	100	0		22.31	22.21	22.02		
20	1	0	64-QAM	21.93	21.82	21.65	20.64	0.1159
20	1	49		21.94	21.79	21.59		
20	1	99		21.94	21.83	21.65		
20	50	0		21.27	21.19	21.02		
20	50	24		21.29	21.22	21.02		
20	50	50		21.29	21.19	20.99		
20	100	0		21.27	21.18	21.00		
20	1	0	256-QAM	19.35	18.98	18.83	18.11	0.0647
20	1	49		19.28	18.87	18.72		
20	1	99		19.25	18.85	18.74		
20	50	0		19.38	19.37	19.21		
20	50	24		19.41	19.34	19.20		
20	50	50		19.40	19.31	19.17		
20	100	0		19.33	19.27	19.13		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.16	24.17	23.97	22.88	0.1941
15	1	37		24.14	24.05	23.91		
15	1	74		24.18	24.15	23.96		
15	36	0		23.24	23.21	23.02		
15	36	20		23.27	23.21	23.00		
15	36	39		23.29	23.19	22.99		
15	75	0		23.28	23.22	23.00		
15	1	0	16-QAM	23.31	23.31	23.10	22.05	0.1603
15	1	37		23.33	23.33	23.07		
15	1	74		23.35	23.34	23.10		
15	36	0		22.20	22.15	21.97		
15	36	20		22.21	22.15	21.97		
15	36	39		22.22	22.15	21.97		
15	75	0		22.30	22.21	22.01		
15	1	0	64-QAM	21.92	21.88	21.75	20.67	0.1167
15	1	37		21.85	21.83	21.70		
15	1	74		21.97	21.86	21.75		
15	36	0		21.25	21.21	21.01		
15	36	20		21.26	21.19	21.01		
15	36	39		21.27	21.21	21.01		
15	75	0		21.25	21.18	20.99		
15	1	0	256-QAM	19.25	18.94	18.81	18.08	0.0643
15	1	37		19.28	18.84	18.66		
15	1	74		19.20	18.85	18.70		
15	36	0		19.38	19.29	19.13		
15	36	20		19.38	19.28	19.12		
15	36	39		19.36	19.21	19.08		
15	75	0		19.24	19.19	19.10		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.15	24.17	23.98	22.88	0.1941
10	1	25		24.14	24.05	23.87		
10	1	49		24.17	24.18	23.96		
10	25	0		23.27	23.21	23.00		
10	25	12		23.26	23.19	22.99		
10	25	25		23.30	23.21	22.99		
10	50	0		23.33	23.23	23.01		
10	1	0	16-QAM	23.28	23.24	23.02	21.98	0.1578
10	1	25		23.23	23.23	22.90		
10	1	49		23.27	23.21	23.02		
10	25	0		22.34	22.23	22.05		
10	25	12		22.34	22.23	22.04		
10	25	25		22.34	22.24	22.04		
10	50	0		22.30	22.20	22.02		
10	1	0	64-QAM	22.02	21.90	21.78	20.73	0.1183
10	1	25		21.98	21.86	21.76		
10	1	49		22.03	21.89	21.77		
10	25	0		21.28	21.17	21.01		
10	25	12		21.26	21.18	21.01		
10	25	25		21.27	21.19	21.01		
10	50	0		21.29	21.21	21.03		
10	1	0	256-QAM	19.30	18.94	18.79	18.05	0.0638
10	1	25		19.28	18.82	18.68		
10	1	49		19.16	18.84	18.67		
10	25	0		19.28	19.28	19.14		
10	25	12		19.35	19.25	19.10		
10	25	25		19.34	19.22	19.16		
10	50	0		19.27	19.24	19.04		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.16	24.15	23.97	22.87	0.1936
5	1	12		24.17	24.17	23.96		
5	1	24		24.15	24.14	23.95		
5	12	0		23.23	23.17	23.00		
5	12	7		23.25	23.19	23.03		
5	12	13		23.25	23.17	23.00		
5	25	0		23.28	23.20	22.98		
5	1	0	16-QAM	23.32	23.26	23.04	22.07	0.1611
5	1	12		23.30	23.29	23.04		
5	1	24		23.37	23.29	23.06		
5	12	0		22.14	22.12	21.96		
5	12	7		22.17	22.13	21.98		
5	12	13		22.16	22.11	21.95		
5	25	0		22.28	22.21	22.07		
5	1	0	64-QAM	21.93	21.94	21.82	20.67	0.1167
5	1	12		21.93	21.93	21.78		
5	1	24		21.97	21.95	21.83		
5	12	0		21.15	21.12	20.99		
5	12	7		21.16	21.14	20.99		
5	12	13		21.16	21.13	21.00		
5	25	0		21.25	21.18	21.01		
5	1	0	256-QAM	19.35	18.95	18.73	18.07	0.0641
5	1	12		19.25	18.86	18.63		
5	1	24		19.21	18.85	18.72		
5	12	0		19.32	19.29	19.13		
5	12	7		19.35	19.24	19.20		
5	12	13		19.37	19.31	19.08		
5	25	0		19.26	19.18	19.07		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.14	26.13	25.94	24.98	0.3148
20	1	49		26.28	26.26	26.05		
20	1	99		26.23	26.10	25.90		
20	50	0		25.28	25.16	25.02		
20	50	24		25.29	25.22	24.97		
20	50	50		25.31	25.23	25.02		
20	100	0		25.32	25.21	25.01		
20	1	0	16-QAM	25.24	25.45	25.08	24.15	0.2600
20	1	49		25.33	25.27	25.07		
20	1	99		25.38	25.26	25.04		
20	50	0		24.19	24.12	24.01		
20	50	24		24.27	24.18	24.02		
20	50	50		24.27	24.16	23.98		
20	100	0		24.29	24.19	24.01		
20	1	0	64-QAM	24.23	24.24	24.06	23.04	0.2014
20	1	49		24.24	24.18	24.01		
20	1	99		24.34	24.24	24.03		
20	50	0		23.24	23.18	22.98		
20	50	24		23.27	23.18	23.04		
20	50	50		23.30	23.18	23.00		
20	100	0		23.27	23.20	23.01		
20	1	0	256-QAM	21.66	21.21	21.01	20.36	0.1086
20	1	49		21.33	21.14	20.98		
20	1	99		21.36	21.05	20.96		
20	50	0		21.35	21.35	21.19		
20	50	24		21.37	21.33	21.17		
20	50	50		21.36	21.30	21.16		
20	100	0		21.32	21.25	21.12		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.03	26.07	25.87	24.85	0.3055
15	1	37		25.97	25.93	25.71		
15	1	74		26.15	26.04	25.81		
15	36	0		25.24	25.21	25.02		
15	36	20		25.24	25.19	25.01		
15	36	39		25.26	25.20	24.98		
15	75	0		25.26	25.17	25.00		
15	1	0	16-QAM	25.28	25.35	25.11	24.08	0.2559
15	1	37		25.35	25.31	25.11		
15	1	74		25.38	25.33	25.12		
15	36	0		24.22	24.17	24.00		
15	36	20		24.21	24.12	23.99		
15	36	39		24.23	24.15	23.96		
15	75	0		24.23	24.18	24.01		
15	1	0	64-QAM	24.21	24.08	23.87	22.91	0.1954
15	1	37		24.12	24.07	23.89		
15	1	74		24.12	24.07	23.88		
15	36	0		23.20	23.18	22.99		
15	36	20		23.20	23.15	22.96		
15	36	39		23.25	23.15	22.97		
15	75	0		23.22	23.15	22.99		
15	1	0	256-QAM	21.57	21.14	20.99	20.27	0.1064
15	1	37		21.24	21.11	20.97		
15	1	74		21.29	21.01	20.89		
15	36	0		21.25	21.26	21.18		
15	36	20		21.31	21.30	21.07		
15	36	39		21.29	21.20	21.12		
15	75	0		21.25	21.23	21.06		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.08	26.05	25.85	24.85	0.3055
10	1	25		26.15	26.10	25.90		
10	1	49		26.14	26.06	25.83		
10	25	0		25.23	25.18	25.00		
10	25	12		25.24	25.17	24.99		
10	25	25		25.27	25.18	25.01		
10	50	0		25.29	25.22	25.01		
10	1	0	16-QAM	25.48	25.39	25.27	24.18	0.2618
10	1	25		25.37	25.31	25.12		
10	1	49		25.46	25.37	25.15		
10	25	0		24.25	24.20	24.01		
10	25	12		24.30	24.22	24.07		
10	25	25		24.32	24.22	24.09		
10	50	0		24.24	24.19	23.98		
10	1	0	64-QAM	24.13	24.11	23.89	22.86	0.1932
10	1	25		23.85	23.83	23.92		
10	1	49		24.16	24.08	23.88		
10	25	0		23.21	23.21	22.98		
10	25	12		23.27	23.20	23.02		
10	25	25		23.29	23.21	23.03		
10	50	0		23.28	23.17	23.00		
10	1	0	256-QAM	21.66	21.21	20.97	20.36	0.1086
10	1	25		21.33	21.10	20.92		
10	1	49		21.30	21.05	20.94		
10	25	0		21.32	21.32	21.14		
10	25	12		21.28	21.29	21.07		
10	25	25		21.31	21.30	21.15		
10	50	0		21.23	21.15	21.10		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	26.07	26.06	25.85	24.80	0.3020
5	1	12		26.08	26.04	25.83		
5	1	24		26.10	26.05	25.83		
5	12	0		25.22	25.16	24.98		
5	12	7		25.20	25.14	24.96		
5	12	13		25.21	25.17	24.97		
5	25	0		25.22	25.14	24.98		
5	1	0	16-QAM	25.31	25.16	25.04	24.09	0.2564
5	1	12		25.37	25.34	25.14		
5	1	24		25.39	25.33	25.14		
5	12	0		24.19	24.18	24.01		
5	12	7		24.23	24.16	24.03		
5	12	13		24.25	24.19	24.03		
5	25	0		24.27	24.23	24.08		
5	1	0	64-QAM	24.07	24.05	23.87	22.82	0.1914
5	1	12		24.12	24.08	23.90		
5	1	24		24.09	24.05	23.88		
5	12	0		23.15	23.14	22.95		
5	12	7		23.11	23.06	22.92		
5	12	13		23.15	23.12	22.94		
5	25	0		23.13	23.17	22.97		
5	1	0	256-QAM	21.64	21.18	20.95	20.34	0.1081
5	1	12		21.32	21.04	20.89		
5	1	24		21.29	20.96	20.92		
5	12	0		21.29	21.31	21.18		
5	12	7		21.37	21.26	21.11		
5	12	13		21.36	21.27	21.16		
5	25	0		21.28	21.24	21.10		
Limit	EIRP < 2W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.17	24.19	24.23	22.33	0.1710
20	1	49		24.09	24.17	24.22		
20	1	99		24.06	24.09	24.19		
20	50	0		23.24	23.26	23.25		
20	50	24		23.35	23.30	23.33		
20	50	50		23.24	23.28	23.17		
20	100	0		23.19	23.30	23.23		
20	1	0	16-QAM	23.18	23.41	23.48	21.58	0.1439
20	1	49		23.42	23.41	23.38		
20	1	99		23.26	23.34	23.39		
20	50	0		22.19	22.17	22.20		
20	50	24		22.27	22.23	22.28		
20	50	50		22.40	22.30	22.23		
20	100	0		22.23	22.22	22.17		
20	1	0	64-QAM	22.40	22.44	22.44	20.73	0.1183
20	1	49		22.07	22.63	22.34		
20	1	99		21.99	22.32	22.46		
20	50	0		21.30	21.30	21.20		
20	50	24		21.27	21.32	21.34		
20	50	50		21.34	21.32	21.33		
20	100	0		21.21	21.19	21.24		
20	1	0	256-QAM	18.88	19.13	18.99	17.35	0.0543
20	1	49		19.10	19.19	19.08		
20	1	99		19.24	19.19	19.25		
20	50	0		18.99	19.07	19.02		
20	50	24		19.08	19.16	19.11		
20	50	50		19.11	19.16	19.15		
20	100	0		19.04	19.09	19.13		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.16	24.15	24.06	22.29	0.1694
15	1	37		24.05	24.10	24.06		
15	1	74		24.18	24.08	24.19		
15	36	0		23.19	23.20	23.23		
15	36	20		23.30	23.25	23.27		
15	36	39		23.30	23.25	23.17		
15	75	0		23.20	23.30	23.21		
15	1	0	16-QAM	23.18	23.16	23.77	22.06	0.1607
15	1	37		23.04	23.70	23.50		
15	1	74		23.96	23.62	23.64		
15	36	0		22.24	22.27	22.25		
15	36	20		22.33	22.24	22.22		
15	36	39		22.28	22.21	22.24		
15	75	0		22.36	22.25	22.24		
15	1	0	64-QAM	22.36	22.06	22.44	20.56	0.1138
15	1	37		22.25	22.33	22.38		
15	1	74		22.46	22.37	22.39		
15	36	0		21.36	21.40	21.15		
15	36	20		21.24	21.26	21.22		
15	36	39		21.16	21.20	21.28		
15	75	0		21.20	21.25	21.19		
15	1	0	256-QAM	18.80	19.03	18.90	17.35	0.0543
15	1	37		19.07	19.13	19.03		
15	1	74		19.20	19.17	19.25		
15	36	0		18.92	19.02	18.92		
15	36	20		19.06	19.08	19.11		
15	36	39		19.05	19.13	19.07		
15	75	0		19.02	19.02	19.05		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.14	24.18	24.12	22.30	0.1698
10	1	25		24.10	24.03	23.96		
10	1	49		24.12	24.20	24.13		
10	25	0		23.19	23.26	23.17		
10	25	12		23.25	23.17	23.14		
10	25	25		23.14	23.19	23.15		
10	50	0		23.26	23.18	23.15		
10	1	0	16-QAM	23.50	23.71	23.40	21.96	0.1570
10	1	25		23.31	23.64	23.45		
10	1	49		23.47	23.42	23.86		
10	25	0		22.26	22.36	22.18		
10	25	12		22.22	22.33	22.27		
10	25	25		22.22	22.31	22.20		
10	50	0		22.28	22.19	22.13		
10	1	0	64-QAM	22.12	22.03	22.25	20.70	0.1175
10	1	25		22.08	21.98	22.36		
10	1	49		22.60	22.45	22.53		
10	25	0		21.33	21.29	21.32		
10	25	12		21.22	21.24	21.27		
10	25	25		21.29	21.28	21.18		
10	50	0		21.28	21.31	21.14		
10	1	0	256-QAM	18.87	19.11	18.92	17.29	0.0536
10	1	25		19.02	19.19	19.01		
10	1	49		19.14	19.15	19.16		
10	25	0		18.97	18.97	18.98		
10	25	12		19.08	19.16	19.10		
10	25	25		19.02	19.12	19.13		
10	50	0		18.96	19.02	19.05		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.22	24.09	24.20	22.32	0.1706
5	1	12		24.21	24.16	24.19		
5	1	24		24.22	24.15	24.21		
5	12	0		23.26	23.22	23.16		
5	12	7		23.29	23.17	23.22		
5	12	13		23.22	23.24	23.19		
5	25	0		23.28	23.27	23.21		
5	1	0	16-QAM	23.37	23.29	23.07	21.78	0.1507
5	1	12		23.68	23.64	23.54		
5	1	24		23.31	23.19	23.32		
5	12	0		22.29	22.21	22.21		
5	12	7		22.39	22.23	22.37		
5	12	13		22.34	22.31	22.18		
5	25	0		22.31	22.28	22.17		
5	1	0	64-QAM	22.51	22.37	22.52	20.90	0.1230
5	1	12		22.53	22.53	22.70		
5	1	24		22.47	22.80	22.62		
5	12	0		21.38	21.40	21.22		
5	12	7		21.10	21.32	21.24		
5	12	13		21.24	21.25	21.24		
5	25	0		21.23	21.24	21.23		
5	1	0	256-QAM	18.82	19.07	18.90	17.30	0.0537
5	1	12		19.02	19.16	19.08		
5	1	24		19.16	19.19	19.20		
5	12	0		18.99	19.04	18.98		
5	12	7		19.04	19.13	19.02		
5	12	13		19.08	19.13	19.12		
5	25	0		18.99	19.08	19.13		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.22	24.22	24.12	22.32	0.1706
3	1	8		24.20	24.19	24.18		
3	1	14		24.20	24.12	24.09		
3	8	0		23.19	23.18	23.22		
3	8	4		23.32	23.16	23.20		
3	8	7		23.24	23.24	23.18		
3	15	0		23.29	23.26	23.19		
3	1	0	16-QAM	23.49	23.51	23.44	21.79	0.1510
3	1	8		23.65	23.69	23.16		
3	1	14		23.65	23.55	23.31		
3	8	0		22.36	22.20	22.33		
3	8	4		22.39	22.26	22.25		
3	8	7		22.53	22.29	22.32		
3	15	0		22.28	22.44	22.28		
3	1	0	64-QAM	22.32	22.37	22.52	20.76	0.1191
3	1	8		22.38	22.31	22.39		
3	1	14		22.66	22.54	22.09		
3	8	0		21.23	21.35	21.19		
3	8	4		21.29	21.20	21.19		
3	8	7		21.36	21.25	21.28		
3	15	0		21.30	21.15	21.29		
3	1	0	256-QAM	18.78	19.08	18.89	17.32	0.0540
3	1	8		19.01	19.11	19.03		
3	1	14		19.19	19.11	19.22		
3	8	0		18.96	19.01	18.94		
3	8	4		19.00	19.09	19.03		
3	8	7		19.05	19.09	19.11		
3	15	0		19.00	19.08	19.06		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.97	24.00	24.01	22.22	0.1667
1.4	1	3		23.87	23.90	23.94		
1.4	1	5		24.02	24.02	23.99		
1.4	3	0		24.08	23.98	24.04		
1.4	3	1		24.12	24.00	23.97		
1.4	3	3		23.99	23.90	23.92		
1.4	6	0		23.03	22.94	22.90		
1.4	1	0	16-QAM	23.34	23.50	23.17	21.60	0.1445
1.4	1	3		23.50	23.07	23.21		
1.4	1	5		23.32	23.22	22.86		
1.4	3	0		23.01	23.04	22.94		
1.4	3	1		23.20	23.17	23.04		
1.4	3	3		23.07	23.12	23.12		
1.4	6	0		22.06	22.06	22.01		
1.4	1	0	64-QAM	22.58	21.64	22.24	20.68	0.1169
1.4	1	3		22.43	21.94	21.87		
1.4	1	5		22.00	21.70	22.03		
1.4	3	0		22.23	22.07	22.05		
1.4	3	1		22.18	22.16	22.29		
1.4	3	3		22.22	21.89	22.15		
1.4	6	0		21.01	20.76	21.08		
1.4	1	0	256-QAM	18.79	19.06	18.97	17.29	0.0536
1.4	1	3		19.05	19.13	19.07		
1.4	1	5		19.19	19.15	19.18		
1.4	3	0		18.91	18.99	18.95		
1.4	3	1		18.99	19.12	19.08		
1.4	3	3		19.03	19.10	19.08		
1.4	6	0		19.04	18.99	19.05		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.13	24.19	24.17	18.84	0.0766
20	1	49		24.11	24.16	24.05		
20	1	99		24.05	24.17	24.15		
20	50	0		23.27	23.30	23.21		
20	50	24		23.28	23.32	23.26		
20	50	50		22.97	23.27	23.24		
20	100	0		23.25	23.26	23.19		
20	1	0	16-QAM	23.43	23.39	23.64	18.37	0.0687
20	1	49		23.33	23.72	23.56		
20	1	99		23.20	23.48	23.46		
20	50	0		22.29	22.27	22.23		
20	50	24		22.18	22.23	22.26		
20	50	50		22.19	22.24	22.27		
20	100	0		22.24	22.32	22.26		
20	1	0	64-QAM	22.01	22.20	22.02	17.01	0.0502
20	1	49		21.75	22.28	22.04		
20	1	99		22.36	22.27	22.09		
20	50	0		21.17	21.21	21.19		
20	50	24		21.26	21.23	21.24		
20	50	50		21.22	21.32	21.24		
20	100	0		21.20	21.28	21.27		
20	1	0	256-QAM	19.47	19.33	19.40	14.22	0.0264
20	1	49		19.36	19.31	19.22		
20	1	99		19.24	19.16	19.11		
20	50	0		19.54	19.57	19.53		
20	50	24		19.50	19.53	19.48		
20	50	50		19.39	19.36	19.43		
20	100	0		19.45	19.48	19.50		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.10	24.09	24.13	18.83	0.0764
15	1	37		24.16	24.07	24.14		
15	1	74		24.13	24.18	24.11		
15	36	0		23.41	23.31	23.28		
15	36	20		23.42	23.37	23.28		
15	36	39		23.38	23.33	23.23		
15	75	0		23.40	23.31	23.31		
15	1	0	16-QAM	22.74	23.54	23.49	18.59	0.0723
15	1	37		23.94	23.66	23.79		
15	1	74		23.69	23.77	23.42		
15	36	0		22.39	22.29	22.27		
15	36	20		22.32	22.26	22.24		
15	36	39		22.32	22.31	22.24		
15	75	0		22.35	22.28	22.28		
15	1	0	64-QAM	22.41	22.09	22.47	17.31	0.0538
15	1	37		22.25	22.33	22.49		
15	1	74		22.58	22.66	22.04		
15	36	0		21.27	21.37	21.21		
15	36	20		21.28	21.28	21.25		
15	36	39		21.30	21.29	21.26		
15	75	0		21.32	21.25	21.21		
15	1	0	256-QAM	19.21	19.25	19.34	14.21	0.0264
15	1	37		19.36	19.40	19.15		
15	1	74		19.16	19.24	19.08		
15	36	0		19.49	19.56	19.49		
15	36	20		19.43	19.43	19.41		
15	36	39		19.38	19.34	19.33		
15	75	0		19.43	19.48	19.43		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.11	24.16	24.17	18.83	0.0764
10	1	25		24.14	24.04	24.03		
10	1	49		24.16	24.18	24.09		
10	25	0		23.34	23.25	23.23		
10	25	12		23.38	23.32	23.22		
10	25	25		23.16	23.24	23.25		
10	50	0		23.40	23.34	23.20		
10	1	0	16-QAM	23.68	23.43	23.35	18.33	0.0681
10	1	25		23.53	23.56	23.04		
10	1	49		23.33	23.58	23.13		
10	25	0		22.28	22.27	22.17		
10	25	12		22.41	22.32	22.11		
10	25	25		22.36	22.33	22.15		
10	50	0		22.41	22.36	22.27		
10	1	0	64-QAM	22.41	22.24	22.16	17.24	0.0530
10	1	25		21.93	22.32	22.17		
10	1	49		21.91	22.59	22.35		
10	25	0		21.21	21.25	21.20		
10	25	12		21.29	21.22	21.29		
10	25	25		21.36	21.22	21.30		
10	50	0		21.30	21.29	21.29		
10	1	0	256-QAM	19.20	19.41	19.27	14.11	0.0258
10	1	25		19.32	19.36	19.05		
10	1	49		19.13	19.32	19.07		
10	25	0		19.39	19.46	19.44		
10	25	12		19.37	19.44	19.39		
10	25	25		19.37	19.37	19.28		
10	50	0		19.39	19.44	19.31		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.13	24.16	24.11	18.83	0.0764
5	1	12		24.14	24.12	24.17		
5	1	24		24.18	24.15	24.16		
5	12	0		23.19	23.16	23.20		
5	12	7		23.26	23.21	23.22		
5	12	13		23.21	23.18	23.10		
5	25	0		23.26	23.24	23.17		
5	1	0	16-QAM	23.30	23.68	23.53	18.47	0.0703
5	1	12		23.46	23.53	23.53		
5	1	24		23.28	23.82	23.54		
5	12	0		22.34	22.30	22.21		
5	12	7		22.20	22.25	22.23		
5	12	13		22.20	22.27	22.13		
5	25	0		22.20	22.20	22.24		
5	1	0	64-QAM	22.13	22.56	22.35	17.21	0.0526
5	1	12		22.27	22.39	22.25		
5	1	24		21.92	22.23	22.22		
5	12	0		21.24	21.25	21.08		
5	12	7		21.12	21.32	21.11		
5	12	13		21.18	21.19	21.20		
5	25	0		21.22	21.16	21.19		
5	1	0	256-QAM	19.20	19.36	19.20	14.10	0.0257
5	1	12		19.31	19.30	18.98		
5	1	24		19.05	19.32	19.04		
5	12	0		19.34	19.45	19.34		
5	12	7		19.33	19.40	19.38		
5	12	13		19.27	19.34	19.28		
5	25	0		19.29	19.38	19.22		
Limit	ERP < 3W			Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -3.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	22.38	21.72	22.17	18.88	0.0773
10+10	1	0	1	49		16.15	15.60	16.10		
10+10	1	49	1	0		24.23	23.50	24.00		
10+10	50	0	50	0	16-QAM	21.46	20.71	21.00	18.13	0.0650
10+10	1	0	1	49		16.32	15.91	16.42		
10+10	1	49	1	0		23.48	22.94	23.18		
10+10	50	0	50	0	64-QAM	21.30	20.73	21.01	15.95	0.0394
10+10	1	0	1	49		14.87	15.80	16.23		
10+10	1	49	1	0		21.25	20.85	21.24		
10+10	50	0	50	0	256-QAM	18.99	18.76	19.78	14.43	0.0277
10+10	1	0	1	49		16.31	15.85	16.15		
10+10	1	49	1	0		19.10	18.75	19.06		
10+5	50	0	25	0	QPSK	22.25	21.52	22.24	18.86	0.0769
10+5	1	0	1	24		14.03	13.46	14.05		
10+5	1	49	1	0		24.17	23.26	24.21		
10+5	50	0	25	0	16-QAM	21.25	20.60	21.21	17.99	0.0630
10+5	1	0	1	24		14.61	13.78	14.38		
10+5	1	49	1	0		23.34	22.77	23.32		
10+5	50	0	25	0	64-QAM	21.33	20.59	21.17	15.98	0.0396
10+5	1	0	1	24		13.85	13.76	14.49		
10+5	1	49	1	0		21.27	20.94	21.24		
10+5	50	0	25	0	256-QAM	19.20	18.62	19.09	13.85	0.0243
10+5	1	0	1	24		14.26	13.68	14.20		
10+5	1	49	1	0		19.12	18.76	19.18		
5+10	25	0	50	0	QPSK	22.46	21.83	22.15	18.90	0.0776
5+10	1	0	1	49		14.21	13.74	14.15		
5+10	1	24	1	0		24.25	23.33	23.91		
5+10	25	0	50	0	16-QAM	21.44	20.86	21.11	17.95	0.0624
5+10	1	0	1	49		14.50	13.98	14.42		
5+10	1	24	1	0		23.25	23.00	23.30		
5+10	25	0	50	0	64-QAM	21.43	20.85	21.08	16.08	0.0406
5+10	1	0	1	49		14.51	14.00	14.36		
5+10	1	24	1	0		21.24	20.87	20.72		
5+10	25	0	50	0	256-QAM	19.32	18.88	19.14	13.97	0.0249
5+10	1	0	1	49		14.48	13.92	14.42		
5+10	1	24	1	0		19.21	18.76	19.06		
Limit	ERP < 7W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.83	22.24	22.27	22.13	0.1633
10+10	1	0	1	49		15.06	15.69	15.59		
10+10	1	49	1	0		23.75	24.03	23.84		
10+10	50	0	50	0	16-QAM	20.77	21.19	21.18	21.48	0.1406
10+10	1	0	1	49		15.32	15.91	15.92		
10+10	1	49	1	0		23.04	23.38	23.12		
10+10	50	0	50	0	64-QAM	20.75	21.16	21.16	19.35	0.0861
10+10	1	0	1	49		15.20	15.96	15.86		
10+10	1	49	1	0		20.95	21.25	21.11		
10+10	50	0	50	0	256-QAM	18.75	19.09	19.01	17.38	0.0547
10+10	1	0	1	49		15.30	15.80	15.73		
10+10	1	49	1	0		19.05	19.28	19.08		
15+5	75	0	25	0	QPSK	21.99	22.00	22.26	22.26	0.1683
15+5	1	0	1	24		15.50	15.72	15.86		
15+5	1	74	1	0		24.14	24.03	24.16		
15+5	75	0	25	0	16-QAM	21.01	21.07	21.25	21.45	0.1396
15+5	1	0	1	24		15.77	15.92	16.05		
15+5	1	74	1	0		23.35	23.31	23.33		
15+5	75	0	25	0	64-QAM	21.00	21.04	21.25	19.43	0.0877
15+5	1	0	1	24		15.69	15.94	16.06		
15+5	1	74	1	0		21.26	21.33	21.29		
15+5	75	0	25	0	256-QAM	19.03	19.04	19.27	17.44	0.0555
15+5	1	0	1	24		15.64	15.91	16.08		
15+5	1	74	1	0		19.33	19.28	19.34		
5+15	25	0	75	0	QPSK	22.07	22.08	22.15	22.28	0.1690
5+15	1	0	1	74		15.36	15.56	15.80		
5+15	1	24	1	0		24.18	24.04	24.11		
5+15	25	0	75	0	16-QAM	21.09	21.10	21.17	21.53	0.1422
5+15	1	0	1	74		15.66	15.92	16.05		
5+15	1	24	1	0		23.39	23.43	23.36		
5+15	25	0	75	0	64-QAM	21.08	21.10	21.12	19.43	0.0877
5+15	1	0	1	74		15.63	15.80	16.02		
5+15	1	24	1	0		21.32	21.33	21.25		
5+15	25	0	75	0	256-QAM	19.02	19.11	19.18	17.43	0.0553
5+15	1	0	1	74		15.48	15.83	15.99		
5+15	1	24	1	0		19.28	19.33	19.27		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	21.63	22.05	21.65	22.10	0.1622
10+5	1	0	1	24		13.63	13.77	13.34		
10+5	1	49	1	0		23.95	24.00	23.51		
10+5	50	0	25	0	16-QAM	20.52	21.02	20.65	21.47	0.1403
10+5	1	0	1	24		13.82	14.00	13.67		
10+5	1	49	1	0		23.26	23.37	22.74		
10+5	50	0	25	0	64-QAM	20.47	21.04	20.67	19.37	0.0865
10+5	1	0	1	24		13.52	14.04	13.71		
10+5	1	49	1	0		21.17	21.27	20.69		
10+5	50	0	25	0	256-QAM	18.93	19.04	18.74	17.33	0.0541
10+5	1	0	1	24		13.79	13.93	13.77		
10+5	1	49	1	0		19.23	19.23	18.82		
5+10	25	0	50	0	QPSK	20.61	22.16	22.02	21.98	0.1578
5+10	1	0	1	49		12.43	14.00	14.11		
5+10	1	24	1	0		22.58	23.88	23.61		
5+10	25	0	50	0	16-QAM	19.64	21.09	21.16	21.40	0.1380
5+10	1	0	1	49		12.68	14.28	14.42		
5+10	1	24	1	0		21.84	23.30	23.01		
5+10	25	0	50	0	64-QAM	19.62	21.10	21.25	19.42	0.0875
5+10	1	0	1	49		12.73	14.22	14.30		
5+10	1	24	1	0		19.85	21.32	20.99		
5+10	25	0	50	0	256-QAM	17.63	19.14	18.91	17.34	0.0542
5+10	1	0	1	49		12.64	14.16	14.10		
5+10	1	24	1	0		17.82	19.24	18.81		
5+5	25	0	25	0	QPSK	21.64	21.84	21.92	21.80	0.1514
5+5	1	0	1	24		13.74	13.73	13.98		
5+5	1	24	1	0		23.59	23.57	23.70		
5+5	25	0	25	0	16-QAM	20.65	20.81	20.91	21.03	0.1268
5+5	1	0	1	24		14.01	14.08	14.22		
5+5	1	24	1	0		22.93	22.88	22.87		
5+5	25	0	25	0	64-QAM	20.62	20.80	20.82	18.96	0.0787
5+5	1	0	1	24		13.91	13.89	14.18		
5+5	1	24	1	0		20.81	20.75	20.86		
5+5	25	0	25	0	256-QAM	18.76	18.72	18.86	17.03	0.0505
5+5	1	0	1	24		13.93	13.95	14.19		
5+5	1	24	1	0		18.84	18.78	18.93		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.28	21.65	21.69	21.81	0.1517
20+20	1	0	1	99		14.55	15.04	15.25		
20+20	1	99	1	0		23.53	23.61	23.71		
20+20	100	0	100	0	16-QAM	20.26	20.59	20.67	21.16	0.1306
20+20	1	0	1	99		14.98	15.40	15.63		
20+20	1	99	1	0		22.89	22.87	23.06		
20+20	100	0	100	0	64-QAM	20.26	20.53	20.63	19.03	0.0800
20+20	1	0	1	99		14.90	15.37	15.55		
20+20	1	99	1	0		20.78	20.93	20.91		
20+20	100	0	100	0	256-QAM	18.29	18.53	18.59	17.98	0.0628
20+20	1	0	1	99		14.86	15.45	15.42		
20+20	1	99	1	0		18.82	19.88	18.82		
20+15	100	0	75	0	QPSK	21.31	21.48	21.55	21.69	0.1476
20+15	1	0	1	74		14.43	15.12	15.15		
20+15	1	74	1	0		23.28	23.45	23.59		
20+15	100	0	75	0	16-QAM	20.10	20.50	20.49	21.03	0.1268
20+15	1	0	1	74		14.74	15.59	15.49		
20+15	1	74	1	0		22.66	22.93	22.92		
20+15	100	0	75	0	64-QAM	20.13	20.52	20.49	18.97	0.0789
20+15	1	0	1	74		14.71	15.35	15.53		
20+15	1	74	1	0		20.68	20.87	20.86		
20+15	100	0	75	0	256-QAM	18.12	18.53	18.59	16.96	0.0497
20+15	1	0	1	74		14.77	15.56	15.51		
20+15	1	74	1	0		18.63	18.81	18.86		
15+20	75	0	100	0	QPSK	21.10	21.51	21.69	21.62	0.1452
15+20	1	0	1	99		14.46	14.93	15.20		
15+20	1	74	1	0		23.50	23.52	23.31		
15+20	75	0	100	0	16-QAM	20.14	20.52	20.66	21.05	0.1274
15+20	1	0	1	99		14.87	15.32	15.60		
15+20	1	74	1	0		22.84	22.95	22.73		
15+20	75	0	100	0	64-QAM	20.18	20.50	20.64	19.08	0.0809
15+20	1	0	1	99		14.79	15.20	15.53		
15+20	1	74	1	0		20.98	20.83	20.97		
15+20	75	0	100	0	256-QAM	18.35	18.53	18.71	17.03	0.0505
15+20	1	0	1	99		14.87	15.25	15.52		
15+20	1	74	1	0		18.88	18.87	18.93		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.53	21.52	21.65	21.80	0.1514
20+10	1	0	1	49		14.72	15.18	15.15		
20+10	1	99	1	0		23.62	23.62	23.70		
20+10	100	0	50	0	16-QAM	20.57	20.57	20.62	21.05	0.1274
20+10	1	0	1	49		15.29	15.52	15.47		
20+10	1	99	1	0		22.86	22.95	22.95		
20+10	100	0	50	0	64-QAM	20.60	20.55	20.58	18.93	0.0782
20+10	1	0	1	49		15.22	15.37	15.40		
20+10	1	99	1	0		20.71	20.83	20.79		
20+10	100	0	50	0	256-QAM	18.42	18.61	18.64	16.98	0.0499
20+10	1	0	1	49		14.78	15.59	15.43		
20+10	1	99	1	0		18.76	18.88	18.75		
10+20	50	0	100	0	QPSK	21.40	21.53	21.47	21.76	0.1500
10+20	1	0	1	99		14.43	14.95	15.02		
10+20	1	49	1	0		23.28	23.66	23.23		
10+20	50	0	100	0	16-QAM	20.19	20.57	20.50	21.05	0.1274
10+20	1	0	1	99		14.81	15.27	15.40		
10+20	1	49	1	0		22.53	22.95	22.67		
10+20	50	0	100	0	64-QAM	20.26	20.59	20.42	19.14	0.0820
10+20	1	0	1	99		14.81	15.32	15.35		
10+20	1	49	1	0		20.87	21.04	20.79		
10+20	50	0	100	0	256-QAM	18.35	18.60	18.62	17.04	0.0506
10+20	1	0	1	99		14.79	15.44	15.33		
10+20	1	49	1	0		18.94	18.92	18.80		
20+5	100	0	25	0	QPSK	21.42	21.66	21.83	21.81	0.1517
20+5	1	0	1	24		14.79	15.33	15.27		
20+5	1	99	1	0		23.48	23.63	23.71		
20+5	100	0	25	0	16-QAM	20.45	20.73	20.78	21.17	0.1309
20+5	1	0	1	24		15.11	15.64	15.63		
20+5	1	99	1	0		22.98	23.07	22.90		
20+5	100	0	25	0	64-QAM	20.42	20.71	20.76	19.17	0.0826
20+5	1	0	1	24		15.16	15.75	15.58		
20+5	1	99	1	0		20.82	21.07	20.95		
20+5	100	0	25	0	256-QAM	18.31	18.74	18.71	17.05	0.0507
20+5	1	0	1	24		15.00	15.58	15.45		
20+5	1	99	1	0		18.68	18.95	18.85		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.9 dB)									
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.43	21.62	21.60	21.76	0.1500
5+20	1	0	1	99		14.58	14.95	15.11		
5+20	1	24	1	0		23.66	23.65	23.62		
5+20	25	0	100	0	16-QAM	20.43	20.71	20.57	21.10	0.1288
5+20	1	0	1	99		14.95	15.12	15.50		
5+20	1	24	1	0		22.96	23.00	22.89		
5+20	25	0	100	0	64-QAM	20.45	20.67	20.50	19.20	0.0832
5+20	1	0	1	99		14.89	15.42	15.25		
5+20	1	24	1	0		20.97	21.10	20.91		
5+20	25	0	100	0	256-QAM	18.50	18.70	18.46	17.10	0.0513
5+20	1	0	1	99		14.83	15.39	15.22		
5+20	1	24	1	0		18.86	19.00	18.71		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	21.32	21.67	21.87	21.75	0.1496
15+10	1	0	1	49		14.67	15.21	15.30		
15+10	1	74	1	0		23.49	23.65	23.60		
15+10	75	0	50	0	16-QAM	20.34	20.68	20.88	21.25	0.1334
15+10	1	0	1	49		15.11	15.64	15.75		
15+10	1	74	1	0		22.99	23.15	23.07		
15+10	75	0	50	0	64-QAM	20.36	20.61	20.85	19.25	0.0841
15+10	1	0	1	49		15.01	15.44	15.75		
15+10	1	74	1	0		20.96	20.97	21.15		
15+10	75	0	50	0	256-QAM	18.47	18.71	18.92	17.24	0.0530
15+10	1	0	1	49		15.04	15.61	15.74		
15+10	1	74	1	0		18.85	18.94	19.14		
10+15	50	0	75	0	QPSK	21.46	21.66	21.56	21.76	0.1500
10+15	1	0	1	74		14.60	15.13	15.07		
10+15	1	49	1	0		23.55	23.66	23.48		
10+15	50	0	75	0	16-QAM	20.39	20.67	20.53	21.15	0.1303
10+15	1	0	1	74		14.83	15.50	15.53		
10+15	1	49	1	0		22.86	23.05	22.88		
10+15	50	0	75	0	64-QAM	20.32	20.71	20.50	19.18	0.0828
10+15	1	0	1	74		15.01	15.46	15.36		
10+15	1	49	1	0		21.07	21.08	20.75		
10+15	50	0	75	0	256-QAM	18.51	18.71	18.54	17.11	0.0514
10+15	1	0	1	74		15.04	15.82	15.41		
10+15	1	49	1	0		19.01	18.95	18.77		
15+15	75	0	75	0	QPSK	21.24	21.70	21.68	21.78	0.1507
15+15	1	0	1	74		14.59	15.24	15.15		
15+15	1	74	1	0		23.45	23.67	23.68		
15+15	75	0	75	0	16-QAM	20.27	20.68	20.60	21.10	0.1288
15+15	1	0	1	74		15.01	15.66	15.54		
15+15	1	74	1	0		22.90	23.00	22.94		
15+15	75	0	75	0	64-QAM	20.31	20.65	20.56	19.10	0.0813
15+15	1	0	1	74		14.93	15.65	15.60		
15+15	1	74	1	0		20.84	21.00	20.96		
15+15	75	0	75	0	256-QAM	18.27	18.70	18.69	17.05	0.0507
15+15	1	0	1	74		14.99	15.47	15.58		
15+15	1	74	1	0		18.87	18.84	18.95		
Limit	EIRP < 1W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -1.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.83	21.57	20.73	21.84	0.1528
20+20	1	0	1	99		14.55	14.85	14.99		
20+20	1	99	1	0		23.54	23.48	22.77		
20+20	100	0	100	0	16-QAM	20.23	20.46	19.63	21.02	0.1265
20+20	1	0	1	99		15.07	15.20	15.28		
20+20	1	99	1	0		22.69	22.72	22.56		
20+20	100	0	100	0	64-QAM	20.29	20.33	20.21	18.94	0.0783
20+20	1	0	1	99		14.96	15.33	15.51		
20+20	1	99	1	0		20.64	19.83	20.58		
20+20	100	0	100	0	256-QAM	18.21	18.02	18.16	17.02	0.0504
20+20	1	0	1	99		14.30	15.36	15.14		
20+20	1	99	1	0		18.57	18.72	18.63		
20+15	100	0	75	0	QPSK	20.63	21.45	21.37	21.91	0.1552
20+15	1	0	1	74		14.77	15.00	15.22		
20+15	1	99	1	0		23.39	23.46	23.61		
20+15	100	0	75	0	16-QAM	20.14	20.48	20.43	20.97	0.1250
20+15	1	0	1	74		15.00	15.22	15.46		
20+15	1	99	1	0		22.11	22.62	22.67		
20+15	100	0	75	0	64-QAM	19.62	19.73	20.41	19.00	0.0794
20+15	1	0	1	74		14.92	15.18	15.43		
20+15	1	99	1	0		20.61	20.70	20.68		
20+15	100	0	75	0	256-QAM	18.13	18.56	18.50	16.90	0.0490
20+15	1	0	1	74		14.85	15.38	15.58		
20+15	1	99	1	0		18.57	18.58	18.60		
15+20	75	0	100	0	QPSK	20.99	21.42	21.24	21.83	0.1524
15+20	1	0	1	99		14.42	14.80	14.94		
15+20	1	74	1	0		22.65	23.40	23.53		
15+20	75	0	100	0	16-QAM	20.01	19.69	20.21	21.03	0.1268
15+20	1	0	1	99		14.81	15.13	15.14		
15+20	1	74	1	0		22.45	22.20	22.73		
15+20	75	0	100	0	64-QAM	20.00	20.22	19.70	19.07	0.0807
15+20	1	0	1	99		14.99	15.19	15.19		
15+20	1	74	1	0		20.42	20.69	20.77		
15+20	75	0	100	0	256-QAM	18.01	18.48	18.26	16.97	0.0498
15+20	1	0	1	99		14.54	15.06	15.22		
15+20	1	74	1	0		18.40	18.56	18.67		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -1.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	75	0	QPSK	20.89	21.53	21.13	21.91	0.1552
20+10	1	0	1	74		14.85	15.29	15.25		
20+10	1	99	1	0		23.50	23.52	23.61		
20+10	100	0	75	0	16-QAM	20.30	20.58	20.56	21.16	0.1306
20+10	1	0	1	74		15.32	15.83	15.52		
20+10	1	99	1	0		22.71	22.86	22.26		
20+10	100	0	75	0	64-QAM	20.26	20.62	20.56	19.08	0.0809
20+10	1	0	1	74		15.17	15.54	15.33		
20+10	1	99	1	0		20.78	20.57	20.60		
20+10	100	0	75	0	256-QAM	18.27	18.61	18.59	17.05	0.0507
20+10	1	0	1	74		15.18	15.56	15.72		
20+10	1	99	1	0		18.61	18.56	18.75		
10+20	75	0	100	0	QPSK	20.60	21.01	20.89	21.81	0.1517
10+20	1	0	1	99		14.53	14.90	14.93		
10+20	1	74	1	0		23.51	23.43	22.61		
10+20	75	0	100	0	16-QAM	20.06	20.54	20.33	21.09	0.1285
10+20	1	0	1	99		14.80	15.18	15.29		
10+20	1	74	1	0		22.79	22.75	22.79		
10+20	75	0	100	0	64-QAM	20.03	20.50	20.36	18.99	0.0793
10+20	1	0	1	99		14.66	15.19	15.18		
10+20	1	74	1	0		20.53	20.67	20.69		
10+20	75	0	100	0	256-QAM	18.06	18.46	18.38	17.01	0.0502
10+20	1	0	1	99		14.78	15.18	15.27		
10+20	1	74	1	0		18.33	18.64	18.71		
15+15	75	0	100	0	QPSK	21.17	21.58	20.90	21.94	0.1563
15+15	1	0	1	99		14.76	15.23	15.01		
15+15	1	74	1	0		22.88	23.49	23.64		
15+15	75	0	100	0	16-QAM	20.14	20.60	20.44	21.29	0.1346
15+15	1	0	1	99		14.89	15.49	15.40		
15+15	1	74	1	0		22.74	22.99	22.74		
15+15	75	0	100	0	64-QAM	19.69	20.58	20.47	19.02	0.0798
15+15	1	0	1	99		14.74	15.56	15.34		
15+15	1	74	1	0		20.61	20.65	20.72		
15+15	75	0	100	0	256-QAM	18.12	18.64	18.42	17.00	0.0501
15+15	1	0	1	99		14.94	15.46	15.59		
15+15	1	74	1	0		18.53	18.70	18.53		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -1.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	100	0	QPSK	20.42	21.55	21.12	21.78	0.1507
15+10	1	0	1	99		14.64	15.21	15.17		
15+10	1	74	1	0		23.38	23.42	23.48		
15+10	75	0	100	0	16-QAM	19.93	20.61	20.55	20.95	0.1245
15+10	1	0	1	99		14.91	15.72	15.69		
15+10	1	74	1	0		22.58	22.65	22.51		
15+10	75	0	100	0	64-QAM	19.86	19.81	20.53	18.98	0.0791
15+10	1	0	1	99		14.83	15.79	15.46		
15+10	1	74	1	0		20.44	20.68	20.67		
15+10	75	0	100	0	256-QAM	18.00	18.59	18.37	17.00	0.0501
15+10	1	0	1	99		15.03	15.59	15.48		
15+10	1	74	1	0		18.45	18.70	18.68		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.68	20.55	20.28	21.42	0.1387
20+20	1	0	1	99		14.41	14.40	14.11		
20+20	1	99	1	0		22.72	22.54	22.28		
20+20	100	0	100	0	16-QAM	19.72	19.61	19.30	20.87	0.1222
20+20	1	0	1	99		14.86	14.90	14.83		
20+20	1	99	1	0		22.17	21.98	21.88		
20+20	100	0	100	0	64-QAM	19.68	19.59	19.29	18.90	0.0776
20+20	1	0	1	99		14.88	14.65	14.52		
20+20	1	99	1	0		20.20	19.75	19.58		
20+20	100	0	100	0	256-QAM	17.70	17.60	17.30	16.62	0.0459
20+20	1	0	1	99		14.60	14.54	14.40		
20+20	1	99	1	0		17.92	17.66	17.50		
20+15	100	0	75	0	QPSK	20.68	20.59	20.30	21.41	0.1384
20+15	1	0	1	74		14.46	14.44	14.16		
20+15	1	99	1	0		22.71	22.54	22.30		
20+15	100	0	75	0	16-QAM	19.73	19.64	19.34	20.99	0.1256
20+15	1	0	1	74		15.07	14.95	14.66		
20+15	1	99	1	0		22.29	22.00	21.73		
20+15	100	0	75	0	64-QAM	19.70	19.62	19.33	18.64	0.0731
20+15	1	0	1	74		14.69	14.83	14.66		
20+15	1	99	1	0		19.94	19.87	19.72		
20+15	100	0	75	0	256-QAM	17.72	17.62	17.36	16.59	0.0456
20+15	1	0	1	74		14.62	14.71	14.45		
20+15	1	99	1	0		17.89	17.65	17.52		
15+20	75	0	100	0	QPSK	20.71	20.60	14.20	21.42	0.1387
15+20	1	0	1	99		14.52	14.46	22.28		
15+20	1	74	1	0		22.72	22.54	19.32		
15+20	75	0	100	0	16-QAM	19.74	19.62	14.76	21.00	0.1259
15+20	1	0	1	99		15.10	15.10	21.78		
15+20	1	74	1	0		22.30	22.05	19.35		
15+20	75	0	100	0	64-QAM	19.74	19.64	14.59	18.64	0.0731
15+20	1	0	1	99		14.72	14.73	19.63		
15+20	1	74	1	0		19.94	19.75	17.35		
15+20	75	0	100	0	256-QAM	17.76	17.65	14.28	16.59	0.0456
15+20	1	0	1	99		14.65	14.71	17.37		
15+20	1	74	1	0		17.89	17.80	-		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.69	20.60	20.32	21.41	0.1384
20+10	1	0	1	49		14.49	14.46	14.19		
20+10	1	99	1	0		22.71	22.54	22.30		
20+10	100	0	50	0	16-QAM	19.74	19.66	19.36	20.86	0.1219
20+10	1	0	1	49		15.12	15.10	14.85		
20+10	1	99	1	0		22.16	22.10	21.84		
20+10	100	0	50	0	64-QAM	19.72	19.64	19.32	18.90	0.0776
20+10	1	0	1	49		14.95	14.74	14.46		
20+10	1	99	1	0		20.20	19.77	19.52		
20+10	100	0	50	0	256-QAM	17.74	17.66	17.38	16.59	0.0456
20+10	1	0	1	49		14.68	14.69	14.38		
20+10	1	99	1	0		17.89	17.72	17.45		
10+20	50	0	100	0	QPSK	20.72	20.62	20.34	21.36	0.1368
10+20	1	0	1	99		14.55	14.49	14.22		
10+20	1	49	1	0		22.66	22.53	22.25		
10+20	50	0	100	0	16-QAM	19.71	19.62	19.33	20.80	0.1202
10+20	1	0	1	99		14.99	14.98	14.72		
10+20	1	49	1	0		22.10	21.96	21.66		
10+20	50	0	100	0	64-QAM	19.75	19.65	19.35	18.89	0.0774
10+20	1	0	1	99		15.03	15.07	14.46		
10+20	1	49	1	0		20.19	20.05	19.45		
10+20	50	0	100	0	256-QAM	17.80	17.71	17.43	16.51	0.0448
10+20	1	0	1	99		14.68	14.65	14.39		
10+20	1	49	1	0		17.81	17.66	17.36		
20+5	100	0	25	0	QPSK	20.73	20.65	20.34	21.41	0.1384
20+5	1	0	1	24		14.53	14.53	14.19		
20+5	1	99	1	0		22.71	22.55	22.26		
20+5	100	0	25	0	16-QAM	19.77	19.70	19.37	20.88	0.1225
20+5	1	0	1	24		15.00	15.19	14.79		
20+5	1	99	1	0		22.18	22.16	21.82		
20+5	100	0	25	0	64-QAM	19.74	19.67	19.34	18.90	0.0776
20+5	1	0	1	24		15.01	14.79	14.46		
20+5	1	99	1	0		20.20	19.77	19.47		
20+5	100	0	25	0	256-QAM	17.75	17.68	17.37	16.60	0.0457
20+5	1	0	1	24		14.72	14.66	14.40		
20+5	1	99	1	0		17.90	17.65	17.44		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.78	20.67	20.41	21.38	0.1374
5+20	1	0	1	99		14.66	14.56	14.31		
5+20	1	24	1	0		22.68	22.54	22.28		
5+20	25	0	100	0	16-QAM	19.86	19.75	19.45	21.09	0.1285
5+20	1	0	1	99		15.31	15.29	15.05		
5+20	1	24	1	0		22.39	22.27	21.95		
5+20	25	0	100	0	64-QAM	19.84	19.72	19.44	18.65	0.0733
5+20	1	0	1	99		14.90	14.87	14.61		
5+20	1	24	1	0		19.95	19.84	19.54		
5+20	25	0	100	0	256-QAM	17.81	17.71	17.44	16.63	0.0460
5+20	1	0	1	99		14.73	14.94	14.23		
5+20	1	24	1	0		17.77	17.93	17.20		
15+10	75	0	50	0	QPSK	20.74	20.65	20.35	21.41	0.1384
15+10	1	0	1	49		14.58	14.55	14.24		
15+10	1	74	1	0		22.71	22.56	22.29		
15+10	75	0	50	0	16-QAM	19.77	19.67	19.38	20.91	0.1233
15+10	1	0	1	49		14.96	15.05	14.72		
15+10	1	74	1	0		22.21	22.02	21.69		
15+10	75	0	50	0	64-QAM	19.79	19.70	19.37	18.95	0.0785
15+10	1	0	1	49		15.13	15.16	14.85		
15+10	1	74	1	0		20.25	20.12	19.81		
15+10	75	0	50	0	256-QAM	17.79	17.73	17.40	16.49	0.0446
15+10	1	0	1	49		14.62	14.72	14.39		
15+10	1	74	1	0		17.76	17.70	17.40		
10+15	50	0	75	0	QPSK	20.76	20.67	20.39	21.41	0.1384
10+15	1	0	1	74		14.62	14.56	14.26		
10+15	1	49	1	0		22.71	22.58	22.30		
10+15	50	0	75	0	16-QAM	19.76	19.66	19.37	20.89	0.1227
10+15	1	0	1	74		15.09	15.04	14.76		
10+15	1	49	1	0		22.19	22.01	21.71		
10+15	50	0	75	0	64-QAM	19.81	19.74	19.44	18.89	0.0774
10+15	1	0	1	74		15.05	15.14	14.87		
10+15	1	49	1	0		20.19	20.10	19.80		
10+15	50	0	75	0	256-QAM	17.83	17.75	17.45	16.53	0.0450
10+15	1	0	1	74		14.64	14.75	14.45		
10+15	1	49	1	0		17.73	17.72	17.42		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.3 dB)										
15+15	75	0	75	0	QPSK	20.73	20.63	20.37	21.41	0.1384
15+15	1	0	1	74		14.55	14.53	14.24		
15+15	1	74	1	0		22.71	22.55	22.30		
15+15	75	0	75	0	16-QAM	19.74	19.63	19.36	20.87	0.1222
15+15	1	0	1	74		15.00	15.00	14.73		
15+15	1	74	1	0		22.17	22.01	21.73		
15+15	75	0	75	0	64-QAM	19.78	19.67	19.39	18.96	0.0787
15+15	1	0	1	74		15.06	14.76	14.83		
15+15	1	74	1	0		20.26	19.78	19.80		
15+15	75	0	75	0	256-QAM	17.77	17.70	17.41	16.58	0.0455
15+15	1	0	1	74		14.67	14.66	14.39		
15+15	1	74	1	0		17.88	17.68	17.42		
Limit	EIRP < 2W					Result			Pass	

<ASDIV Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.06	22.98	22.94	22.12	0.1629
20	1	49		23.22	23.19	23.09		
20	1	99		23.20	23.09	23.07		
20	50	0		22.19	22.09	22.15		
20	50	24		22.30	22.19	22.16		
20	50	50		22.17	22.10	22.20		
20	100	0		22.26	22.10	22.19		
20	1	0	16-QAM	22.63	22.79	22.38	21.69	0.1476
20	1	49		22.48	22.56	22.63		
20	1	99		22.45	22.26	22.19		
20	50	0		21.23	21.16	21.13		
20	50	24		21.37	21.19	21.27		
20	50	50		21.20	21.12	21.29		
20	100	0		21.21	21.15	21.10		
20	1	0	64-QAM	21.27	20.83	21.28	20.33	0.1079
20	1	49		21.39	21.43	21.16		
20	1	99		21.09	21.41	21.36		
20	50	0		20.31	20.09	20.13		
20	50	24		20.32	20.13	20.22		
20	50	50		20.26	20.20	20.17		
20	100	0		20.29	20.19	20.21		
20	1	0	256-QAM	18.14	18.06	17.92	17.18	0.0522
20	1	49		18.17	18.05	18.03		
20	1	99		18.20	18.09	18.08		
20	50	0		18.24	18.11	18.12		
20	50	24		18.28	18.17	18.16		
20	50	50		18.24	18.15	18.18		
20	100	0		18.26	18.13	18.15		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.21	23.09	23.05	22.11	0.1626
15	1	37		23.19	22.81	23.10		
15	1	74		23.12	23.04	23.02		
15	36	0		22.28	22.21	22.23		
15	36	20		22.30	22.12	22.15		
15	36	39		22.29	22.13	22.16		
15	75	0		22.22	22.22	22.16		
15	1	0	16-QAM	22.51	22.45	22.22	21.74	0.1493
15	1	37		22.44	22.37	22.84		
15	1	74		22.56	22.46	22.57		
15	36	0		21.31	21.21	21.14		
15	36	20		21.22	21.16	21.22		
15	36	39		21.25	21.12	21.14		
15	75	0		21.30	21.20	21.20		
15	1	0	64-QAM	21.47	21.26	21.18	20.37	0.1089
15	1	37		21.27	21.25	20.98		
15	1	74		21.33	20.99	20.98		
15	36	0		20.32	20.14	20.12		
15	36	20		20.26	20.15	20.19		
15	36	39		20.24	20.17	20.24		
15	75	0		20.25	20.17	20.16		
15	1	0	256-QAM	18.15	18.07	18.01	17.18	0.0522
15	1	37		18.17	18.09	18.03		
15	1	74		18.20	18.13	18.08		
15	36	0		18.24	18.16	18.12		
15	36	20		18.28	18.17	18.16		
15	36	39		18.24	18.18	18.18		
15	75	0		18.26	18.19	18.15		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.21	23.20	23.15	22.11	0.1626
10	1	25		23.16	22.84	23.11		
10	1	49		23.21	23.18	23.16		
10	25	0		22.30	22.10	22.21		
10	25	12		22.26	22.21	22.17		
10	25	25		22.30	22.20	22.11		
10	50	0		22.34	22.18	22.19		
10	1	0	16-QAM	22.57	22.30	22.45	21.70	0.1479
10	1	25		22.23	22.53	22.54		
10	1	49		22.28	22.80	22.57		
10	25	0		21.30	21.15	21.24		
10	25	12		21.30	21.08	21.14		
10	25	25		21.29	21.12	21.14		
10	50	0		21.30	21.20	21.16		
10	1	0	64-QAM	21.71	21.20	21.51	20.70	0.1175
10	1	25		21.26	21.34	21.07		
10	1	49		21.51	21.04	21.80		
10	25	0		20.40	20.17	20.27		
10	25	12		20.28	20.11	20.25		
10	25	25		20.28	20.18	20.27		
10	50	0		20.30	20.22	20.23		
10	1	0	256-QAM	18.26	18.07	18.23	17.17	0.0521
10	1	25		18.12	18.07	18.00		
10	1	49		18.16	18.10	18.08		
10	25	0		18.15	18.14	18.03		
10	25	12		18.27	18.15	18.06		
10	25	25		18.17	18.19	18.13		
10	50	0		18.22	18.16	18.13		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.15	23.02	23.18	22.11	0.1626
5	1	12		23.21	23.07	23.05		
5	1	24		23.21	23.14	23.07		
5	12	0		22.23	22.19	22.15		
5	12	7		22.22	22.16	22.22		
5	12	13		22.30	22.14	22.14		
5	25	0		22.20	22.13	22.09		
5	1	0	16-QAM	22.55	22.70	22.48	21.62	0.1452
5	1	12		22.49	22.56	22.71		
5	1	24		22.72	22.51	22.43		
5	12	0		21.31	21.18	21.17		
5	12	7		21.36	21.24	21.27		
5	12	13		21.22	21.26	21.31		
5	25	0		21.24	21.26	21.20		
5	1	0	64-QAM	21.59	21.13	21.33	20.56	0.1138
5	1	12		21.55	20.99	21.01		
5	1	24		21.19	21.20	21.66		
5	12	0		20.37	20.15	20.08		
5	12	7		20.26	20.08	20.34		
5	12	13		20.20	20.09	20.16		
5	25	0		20.32	20.17	20.20		
5	1	0	256-QAM	18.32	18.17	18.15	17.22	0.0527
5	1	12		18.11	18.19	17.92		
5	1	24		18.16	18.20	18.05		
5	12	0		18.13	18.16	17.96		
5	12	7		18.22	18.19	18.03		
5	12	13		18.08	18.17	18.06		
5	25	0		18.22	18.17	18.10		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.21	23.10	23.15	22.11	0.1626
3	1	8		23.08	22.97	23.09		
3	1	14		23.21	23.01	23.14		
3	8	0		22.22	22.12	22.09		
3	8	4		22.25	22.04	22.17		
3	8	7		22.33	22.08	22.07		
3	15	0		22.32	22.14	22.08		
3	1	0	16-QAM	22.55	22.17	22.66	21.61	0.1449
3	1	8		22.71	21.98	22.50		
3	1	14		22.63	22.19	22.34		
3	8	0		21.30	21.14	21.20		
3	8	4		21.21	21.29	21.28		
3	8	7		21.26	21.17	21.28		
3	15	0		21.20	21.06	21.20		
3	1	0	64-QAM	21.61	21.49	20.95	20.53	0.1130
3	1	8		21.63	21.47	21.45		
3	1	14		21.38	21.44	21.17		
3	8	0		20.20	20.28	20.13		
3	8	4		20.29	20.11	20.22		
3	8	7		20.50	20.20	20.21		
3	15	0		20.32	20.18	20.21		
3	1	0	256-QAM	18.31	18.16	18.13	17.21	0.0526
3	1	8		18.01	18.09	17.89		
3	1	14		18.09	18.14	18.03		
3	8	0		18.07	18.13	17.90		
3	8	4		18.13	18.17	17.99		
3	8	7		17.99	18.16	18.01		
3	15	0		18.16	18.12	18.01		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.99	22.82	22.83	21.89	0.1545
1.4	1	3		22.91	22.78	22.73		
1.4	1	5		22.90	22.89	22.89		
1.4	3	0		22.96	22.87	22.80		
1.4	3	1		22.98	22.87	22.77		
1.4	3	3		22.91	22.82	22.80		
1.4	6	0		21.97	21.90	21.90		
1.4	1	0	16-QAM	22.10	22.16	22.00	21.16	0.1306
1.4	1	3		21.90	21.90	21.83		
1.4	1	5		21.99	21.98	22.07		
1.4	3	0		22.15	21.98	21.83		
1.4	3	1		22.26	21.97	21.77		
1.4	3	3		22.05	21.69	21.86		
1.4	6	0		20.95	20.85	21.03		
1.4	1	0	64-QAM	21.26	21.06	21.05	20.20	0.1047
1.4	1	3		21.21	21.10	20.83		
1.4	1	5		21.08	21.20	21.14		
1.4	3	0		21.11	20.76	20.78		
1.4	3	1		21.30	21.07	21.02		
1.4	3	3		21.06	20.94	20.99		
1.4	6	0		20.04	19.88	19.95		
1.4	1	0	256-QAM	18.07	17.94	17.89	16.98	0.0499
1.4	1	3		17.94	17.84	17.79		
1.4	1	5		18.04	17.90	17.99		
1.4	3	0		18.06	17.92	17.89		
1.4	3	1		18.07	17.96	17.97		
1.4	3	3		17.92	17.93	17.92		
1.4	6	0		18.08	17.86	18.01		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.04	23.00	23.01	22.13	0.1633
20	1	49		23.23	23.12	23.03		
20	1	99		23.19	23.03	22.93		
20	50	0		22.31	22.28	22.29		
20	50	24		22.30	22.18	22.21		
20	50	50		22.27	22.19	22.15		
20	100	0		22.27	22.19	22.16		
20	1	0	16-QAM	22.07	22.64	22.07	21.54	0.1426
20	1	49		22.15	22.37	22.14		
20	1	99		22.32	22.07	22.21		
20	50	0		21.31	21.23	21.13		
20	50	24		21.37	21.28	21.18		
20	50	50		21.34	21.24	21.24		
20	100	0		21.24	21.15	21.21		
20	1	0	64-QAM	21.41	21.44	21.33	20.34	0.1081
20	1	49		21.17	21.13	21.10		
20	1	99		21.42	21.27	20.89		
20	50	0		20.32	20.19	20.18		
20	50	24		20.28	20.27	20.29		
20	50	50		20.29	20.12	20.18		
20	100	0		20.29	20.17	20.28		
20	1	0	256-QAM	18.15	18.15	18.15	17.28	0.0535
20	1	49		18.22	18.10	18.38		
20	1	99		18.18	18.08	18.08		
20	50	0		18.36	18.22	18.24		
20	50	24		18.38	18.23	18.29		
20	50	50		18.35	18.24	18.22		
20	100	0		18.36	18.21	18.25		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.22	23.17	23.13	22.12	0.1629
15	1	37		23.22	22.99	23.12		
15	1	74		23.21	23.08	22.96		
15	36	0		22.33	22.27	22.18		
15	36	20		22.38	22.21	22.28		
15	36	39		22.33	22.22	22.26		
15	75	0		22.39	22.20	22.14		
15	1	0	16-QAM	22.71	22.68	22.33	21.62	0.1452
15	1	37		22.59	22.72	22.51		
15	1	74		22.68	22.33	22.05		
15	36	0		21.36	21.30	21.32		
15	36	20		21.33	21.29	21.26		
15	36	39		21.26	21.19	21.26		
15	75	0		21.27	21.27	21.20		
15	1	0	64-QAM	21.53	21.31	21.56	20.46	0.1112
15	1	37		21.51	21.34	21.27		
15	1	74		21.46	21.10	20.95		
15	36	0		20.33	20.31	20.16		
15	36	20		20.26	20.29	20.26		
15	36	39		20.42	20.29	20.23		
15	75	0		20.30	20.16	20.16		
15	1	0	256-QAM	18.31	18.21	18.14	17.23	0.0528
15	1	37		18.21	18.03	18.29		
15	1	74		18.12	17.98	18.08		
15	36	0		18.31	18.17	18.18		
15	36	20		18.33	18.13	18.20		
15	36	39		18.30	18.14	18.20		
15	75	0		18.29	18.17	18.16		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.16	23.22	23.18	22.12	0.1629
10	1	25		22.97	23.04	23.09		
10	1	49		23.17	23.21	23.06		
10	25	0		22.32	22.20	22.22		
10	25	12		22.26	22.22	22.09		
10	25	25		22.32	22.18	22.13		
10	50	0		22.26	22.19	22.12		
10	1	0	16-QAM	22.47	22.31	22.66	21.66	0.1466
10	1	25		22.60	22.76	22.62		
10	1	49		22.72	22.41	22.33		
10	25	0		21.32	21.10	21.21		
10	25	12		21.35	21.10	21.19		
10	25	25		21.30	21.17	21.27		
10	50	0		21.34	21.15	21.24		
10	1	0	64-QAM	21.16	21.51	21.15	20.53	0.1130
10	1	25		21.63	21.06	21.03		
10	1	49		21.56	21.22	21.35		
10	25	0		20.34	20.27	20.17		
10	25	12		20.34	20.27	20.21		
10	25	25		20.26	20.21	20.20		
10	50	0		20.30	20.25	20.20		
10	1	0	256-QAM	18.31	18.14	18.13	17.21	0.0526
10	1	25		18.20	17.97	18.29		
10	1	49		18.06	17.97	18.01		
10	25	0		18.23	18.07	18.15		
10	25	12		18.23	18.05	18.11		
10	25	25		18.22	18.08	18.16		
10	50	0		18.27	18.08	18.06		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.22	23.12	23.05	22.12	0.1629
5	1	12		23.20	23.22	23.05		
5	1	24		23.21	23.15	23.01		
5	12	0		22.37	22.14	22.20		
5	12	7		22.35	22.22	22.19		
5	12	13		22.34	22.21	22.16		
5	25	0		22.24	22.21	22.10		
5	1	0	16-QAM	22.65	22.71	22.31	21.61	0.1449
5	1	12		22.56	22.50	22.47		
5	1	24		22.58	22.33	22.20		
5	12	0		21.29	21.27	21.29		
5	12	7		21.45	21.25	21.30		
5	12	13		21.40	21.17	21.19		
5	25	0		21.21	21.28	21.15		
5	1	0	64-QAM	21.35	21.53	21.19	20.77	0.1194
5	1	12		21.23	21.54	21.60		
5	1	24		21.87	21.27	21.26		
5	12	0		20.28	20.37	20.23		
5	12	7		20.26	20.31	20.20		
5	12	13		20.44	20.28	20.32		
5	25	0		20.29	20.18	20.12		
5	1	0	256-QAM	18.36	18.13	18.14	17.26	0.0532
5	1	12		18.19	17.88	18.20		
5	1	24		18.01	17.97	17.99		
5	12	0		18.15	18.02	18.15		
5	12	7		18.16	17.96	18.10		
5	12	13		18.21	18.08	18.06		
5	25	0		18.17	18.02	17.96		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.16	23.13	23.08	22.12	0.1629
3	1	8		23.18	23.01	23.05		
3	1	14		23.22	23.19	23.07		
3	8	0		22.23	22.14	22.12		
3	8	4		22.24	22.07	22.05		
3	8	7		22.35	22.12	22.04		
3	15	0		22.31	22.16	22.05		
3	1	0	16-QAM	22.36	22.31	22.47	21.41	0.1384
3	1	8		22.39	22.51	22.16		
3	1	14		22.51	22.37	22.34		
3	8	0		21.38	21.24	21.24		
3	8	4		21.22	21.26	21.13		
3	8	7		21.55	21.33	21.15		
3	15	0		21.26	21.17	20.94		
3	1	0	64-QAM	21.43	21.25	21.23	20.68	0.1169
3	1	8		21.78	20.85	21.10		
3	1	14		21.28	21.46	21.25		
3	8	0		20.39	20.27	20.21		
3	8	4		20.24	20.10	20.11		
3	8	7		20.24	20.30	20.19		
3	15	0		20.37	20.17	20.08		
3	1	0	256-QAM	18.33	18.16	18.07	17.23	0.0528
3	1	8		18.13	17.80	18.16		
3	1	14		17.96	17.93	17.98		
3	8	0		18.15	17.92	18.10		
3	8	4		18.08	17.87	18.07		
3	8	7		18.15	18.07	18.00		
3	15	0		18.16	17.94	17.91		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.05	22.96	22.75	21.99	0.1581
1.4	1	3		22.95	22.80	22.68		
1.4	1	5		23.06	22.95	22.87		
1.4	3	0		23.09	22.95	22.88		
1.4	3	1		22.95	23.01	22.87		
1.4	3	3		23.03	22.97	22.76		
1.4	6	0		22.13	21.85	21.80		
1.4	1	0	16-QAM	22.41	22.21	22.10	21.40	0.1380
1.4	1	3		22.33	21.88	21.92		
1.4	1	5		22.50	22.38	21.91		
1.4	3	0		22.38	22.21	21.89		
1.4	3	1		22.27	22.20	22.15		
1.4	3	3		22.10	21.94	22.13		
1.4	6	0		21.02	20.91	20.85		
1.4	1	0	64-QAM	21.03	20.95	20.90	20.16	0.1038
1.4	1	3		21.00	20.90	21.07		
1.4	1	5		21.18	20.95	20.93		
1.4	3	0		21.12	20.94	21.12		
1.4	3	1		21.26	21.13	20.97		
1.4	3	3		21.17	21.09	20.82		
1.4	6	0		20.14	19.81	19.92		
1.4	1	0	256-QAM	18.10	17.94	17.87	17.03	0.0505
1.4	1	3		18.06	17.71	18.07		
1.4	1	5		17.92	17.93	17.88		
1.4	3	0		18.12	17.83	18.00		
1.4	3	1		18.02	17.82	18.05		
1.4	3	3		18.12	18.04	17.98		
1.4	6	0		18.13	17.88	17.90		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 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	0	QPSK	22.75	22.85	22.82	22.28	0.1690
20	1	49		22.98	22.93	22.87		
20	1	99		22.91	22.85	22.78		
20	50	0		22.08	22.03	21.94		
20	50	24		22.13	22.07	22.03		
20	50	50		22.03	21.99	21.84		
20	100	0		22.04	21.98	21.90		
20	1	0	16-QAM	22.57	22.30	22.09	22.01	0.1589
20	1	49		22.71	22.23	22.12		
20	1	99		22.37	21.95	22.12		
20	50	0		21.06	21.08	21.01		
20	50	24		21.04	21.08	20.96		
20	50	50		21.03	20.94	20.99		
20	100	0		20.95	21.03	20.96		
20	1	0	64-QAM	21.03	21.16	20.75	20.64	0.1159
20	1	49		21.32	20.86	21.24		
20	1	99		21.12	20.83	21.34		
20	50	0		20.00	20.08	19.99		
20	50	24		20.02	20.14	19.99		
20	50	50		20.06	20.03	19.92		
20	100	0		20.01	19.96	19.89		
20	1	0	256-QAM	17.72	17.72	17.70	17.25	0.0531
20	1	49		17.83	17.64	17.78		
20	1	99		17.86	17.74	17.93		
20	50	0		17.82	17.83	17.74		
20	50	24		17.90	17.89	17.79		
20	50	50		17.95	17.91	17.80		
20	100	0		17.85	17.85	17.76		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 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	0	QPSK	22.96	22.70	22.88	22.26	0.1683
15	1	37		22.87	22.57	22.73		
15	1	74		22.94	22.83	22.87		
15	36	0		22.02	21.90	21.88		
15	36	20		21.99	21.96	21.85		
15	36	39		22.04	21.96	21.86		
15	75	0		21.98	21.95	21.88		
15	1	0	16-QAM	22.26	22.25	21.90	21.92	0.1556
15	1	37		22.47	22.46	21.99		
15	1	74		22.62	22.12	21.90		
15	36	0		21.01	20.96	20.92		
15	36	20		20.96	20.99	20.76		
15	36	39		20.96	20.98	20.90		
15	75	0		20.95	20.97	20.83		
15	1	0	64-QAM	20.94	21.10	21.08	20.53	0.1130
15	1	37		21.13	20.86	21.20		
15	1	74		21.04	20.88	21.23		
15	36	0		20.01	19.92	19.90		
15	36	20		20.05	20.01	19.90		
15	36	39		19.96	19.96	19.90		
15	75	0		19.93	20.00	19.92		
15	1	0	256-QAM	17.81	17.77	17.72	17.21	0.0526
15	1	37		17.76	17.62	17.77		
15	1	74		17.81	17.74	17.89		
15	36	0		17.78	17.79	17.73		
15	36	20		17.80	17.82	17.78		
15	36	39		17.91	17.91	17.71		
15	75	0		17.75	17.85	17.72		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 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	0	QPSK	22.96	22.97	22.86	22.27	0.1687
10	1	25		22.95	22.80	22.81		
10	1	49		22.96	22.97	22.89		
10	25	0		21.96	21.97	21.97		
10	25	12		21.95	22.02	21.98		
10	25	25		22.08	21.99	21.91		
10	50	0		21.96	22.00	21.87		
10	1	0	16-QAM	22.20	22.57	22.11	21.87	0.1538
10	1	25		22.23	22.20	22.23		
10	1	49		22.40	22.23	22.22		
10	25	0		21.09	21.11	21.03		
10	25	12		20.96	20.95	20.96		
10	25	25		21.05	21.02	20.98		
10	50	0		20.97	21.16	20.99		
10	1	0	64-QAM	20.83	21.47	21.28	20.77	0.1194
10	1	25		20.85	21.19	21.12		
10	1	49		20.98	21.37	20.90		
10	25	0		20.15	20.19	19.93		
10	25	12		19.98	20.11	19.99		
10	25	25		20.05	20.02	19.92		
10	50	0		20.10	20.04	19.91		
10	1	0	256-QAM	17.77	17.84	17.74	17.14	0.0518
10	1	25		17.68	17.55	17.72		
10	1	49		17.76	17.74	17.82		
10	25	0		17.75	17.72	17.64		
10	25	12		17.70	17.73	17.73		
10	25	25		17.81	17.84	17.62		
10	50	0		17.66	17.75	17.62		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.90	22.94	22.81	22.26	0.1683
5	1	12		22.95	22.96	22.80		
5	1	24		22.94	22.92	22.80		
5	12	0		22.05	22.01	21.90		
5	12	7		22.00	22.03	21.94		
5	12	13		22.06	22.06	21.93		
5	25	0		21.99	22.00	21.80		
5	1	0	16-QAM	22.28	22.58	22.22	21.88	0.1542
5	1	12		22.48	22.39	22.03		
5	1	24		22.38	22.22	22.20		
5	12	0		21.14	21.06	20.98		
5	12	7		21.22	20.93	21.09		
5	12	13		21.11	20.88	20.95		
5	25	0		21.05	20.95	21.02		
5	1	0	64-QAM	20.96	21.08	21.22	20.58	0.1143
5	1	12		21.28	20.78	20.75		
5	1	24		20.95	21.02	20.72		
5	12	0		20.05	20.17	20.05		
5	12	7		20.15	19.96	19.96		
5	12	13		20.08	20.01	19.85		
5	25	0		20.03	19.95	19.85		
5	1	0	256-QAM	17.82	17.96	17.77	17.26	0.0532
5	1	12		17.63	17.50	17.67		
5	1	24		17.69	17.70	17.75		
5	12	0		17.72	17.65	17.64		
5	12	7		17.65	17.69	17.72		
5	12	13		17.75	17.74	17.54		
5	25	0		17.61	17.68	17.60		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.97	22.97	22.84	22.27	0.1687
3	1	8		22.97	22.91	22.81		
3	1	14		22.96	22.97	22.87		
3	8	0		22.04	21.99	21.87		
3	8	4		22.07	21.95	21.81		
3	8	7		22.00	22.00	21.80		
3	15	0		22.04	22.04	21.88		
3	1	0	16-QAM	22.36	22.41	22.09	21.84	0.1528
3	1	8		22.35	22.30	22.15		
3	1	14		22.54	22.22	22.49		
3	8	0		21.16	21.17	20.92		
3	8	4		21.19	21.00	20.99		
3	8	7		21.15	21.02	20.95		
3	15	0		20.99	21.02	20.96		
3	1	0	64-QAM	21.17	21.47	20.95	20.95	0.1245
3	1	8		21.26	21.29	21.03		
3	1	14		21.65	21.04	21.01		
3	8	0		20.13	20.03	19.98		
3	8	4		20.03	20.07	19.93		
3	8	7		20.20	20.02	19.89		
3	15	0		20.00	20.05	19.82		
3	1	0	256-QAM	17.80	17.76	17.76	17.10	0.0513
3	1	8		17.58	17.50	17.58		
3	1	14		17.65	17.69	17.74		
3	8	0		17.71	17.62	17.62		
3	8	4		17.60	17.63	17.65		
3	8	7		17.68	17.68	17.47		
3	15	0		17.59	17.68	17.59		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.65	22.74	22.66	22.10	0.1622
1.4	1	3		22.70	22.52	22.59		
1.4	1	5		22.78	22.73	22.68		
1.4	3	0		22.73	22.69	22.59		
1.4	3	1		22.77	22.78	22.58		
1.4	3	3		22.80	22.77	22.65		
1.4	6	0		21.70	21.75	21.60		
1.4	1	0	16-QAM	22.20	21.98	22.40	21.74	0.1493
1.4	1	3		22.14	21.74	22.16		
1.4	1	5		22.44	21.72	22.14		
1.4	3	0		21.82	21.98	21.78		
1.4	3	1		21.75	21.75	21.63		
1.4	3	3		21.74	21.72	21.71		
1.4	6	0		20.79	20.74	20.67		
1.4	1	0	64-QAM	20.96	20.89	20.77	20.40	0.1096
1.4	1	3		21.10	20.84	20.66		
1.4	1	5		20.88	20.96	20.85		
1.4	3	0		21.08	20.66	20.73		
1.4	3	1		20.88	20.98	21.00		
1.4	3	3		20.94	20.96	20.79		
1.4	6	0		19.74	19.95	19.79		
1.4	1	0	256-QAM	17.57	17.56	17.54	16.98	0.0499
1.4	1	3		17.58	17.48	17.57		
1.4	1	5		17.55	17.66	17.68		
1.4	3	0		17.65	17.55	17.52		
1.4	3	1		17.58	17.61	17.60		
1.4	3	3		17.67	17.59	17.38		
1.4	6	0		17.56	17.59	17.52		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.72	23.74	23.66	15.11	0.0324
10	1	25		23.76	23.75	23.70		
10	1	49		23.68	23.67	23.61		
10	25	0		22.90	22.80	22.74		
10	25	12		22.81	22.76	22.68		
10	25	25		22.76	22.77	22.71		
10	50	0		22.84	22.88	22.78		
10	1	0	16-QAM	23.22	22.71	22.93	14.57	0.0286
10	1	25		23.12	22.96	22.69		
10	1	49		23.16	22.86	22.84		
10	25	0		21.89	21.73	21.84		
10	25	12		21.79	21.76	21.71		
10	25	25		21.95	21.83	21.64		
10	50	0		21.90	21.79	21.77		
10	1	0	64-QAM	22.09	22.08	21.86	13.46	0.0222
10	1	25		21.94	21.94	21.83		
10	1	49		22.11	21.88	21.65		
10	25	0		20.90	20.80	20.73		
10	25	12		20.82	20.75	20.71		
10	25	25		20.95	20.76	20.69		
10	50	0		20.93	20.76	20.73		
10	1	0	256-QAM	18.89	18.79	18.76	10.42	0.0110
10	1	25		18.85	18.71	18.75		
10	1	49		18.82	18.77	18.55		
10	25	0		19.07	18.93	18.84		
10	25	12		18.98	18.86	18.82		
10	25	25		18.97	18.83	18.80		
10	50	0		19.02	18.95	18.84		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.72	23.74	23.68	15.10	0.0324
5	1	12		23.73	23.75	23.64		
5	1	24		23.74	23.70	23.60		
5	12	0		22.88	22.86	22.71		
5	12	7		22.87	22.75	22.68		
5	12	13		22.83	22.75	22.65		
5	25	0		22.92	22.81	22.68		
5	1	0	16-QAM	23.16	22.70	22.94	14.57	0.0286
5	1	12		23.18	22.49	22.89		
5	1	24		23.22	22.85	23.05		
5	12	0		21.98	21.83	21.84		
5	12	7		22.04	21.76	21.77		
5	12	13		21.99	21.75	21.71		
5	25	0		21.88	21.83	21.65		
5	1	0	64-QAM	22.11	21.34	21.40	13.76	0.0238
5	1	12		22.11	21.87	21.80		
5	1	24		22.41	21.67	21.51		
5	12	0		20.89	20.77	20.75		
5	12	7		21.04	20.88	20.65		
5	12	13		20.97	20.80	20.58		
5	25	0		20.86	20.74	20.76		
5	1	0	256-QAM	18.86	18.80	18.77	10.38	0.0109
5	1	12		18.88	18.78	18.72		
5	1	24		18.93	18.77	18.63		
5	12	0		19.01	18.86	18.89		
5	12	7		18.95	18.83	18.77		
5	12	13		19.01	18.78	18.74		
5	25	0		19.03	18.90	18.76		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.73	23.66	23.60	15.09	0.0323
3	1	8		23.59	23.62	23.42		
3	1	14		23.74	23.69	23.46		
3	8	0		22.79	22.72	22.57		
3	8	4		22.75	22.66	22.61		
3	8	7		22.77	22.67	22.62		
3	15	0		22.80	22.78	22.50		
3	1	0	16-QAM	23.05	22.96	22.82	14.40	0.0275
3	1	8		22.89	22.70	22.50		
3	1	14		22.91	22.74	22.52		
3	8	0		21.95	21.69	21.66		
3	8	4		21.77	21.58	21.61		
3	8	7		21.87	21.78	21.64		
3	15	0		21.82	21.65	21.58		
3	1	0	64-QAM	21.60	22.04	21.48	13.42	0.0220
3	1	8		21.99	21.77	21.27		
3	1	14		21.83	22.07	21.44		
3	8	0		20.73	20.82	20.68		
3	8	4		20.83	20.66	20.64		
3	8	7		20.74	20.71	20.40		
3	15	0		20.80	20.76	20.64		
3	1	0	256-QAM	18.94	18.86	18.75	10.51	0.0112
3	1	8		18.88	18.71	18.67		
3	1	14		18.83	18.77	18.55		
3	8	0		19.16	18.95	18.93		
3	8	4		19.04	18.83	18.89		
3	8	7		18.87	18.88	18.70		
3	15	0		19.07	19.03	18.94		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.74	23.75	23.53	15.10	0.0324
1.4	1	3		23.60	23.60	23.47		
1.4	1	5		23.72	23.70	23.58		
1.4	3	0		23.70	23.59	23.54		
1.4	3	1		23.73	23.70	23.65		
1.4	3	3		23.74	23.69	23.60		
1.4	6	0		22.74	22.70	22.51		
1.4	1	0	16-QAM	23.03	23.07	23.02	14.50	0.0282
1.4	1	3		22.93	23.10	22.81		
1.4	1	5		23.15	22.89	22.73		
1.4	3	0		22.94	22.79	22.62		
1.4	3	1		22.74	22.78	22.70		
1.4	3	3		22.95	22.63	22.61		
1.4	6	0		21.95	21.81	21.49		
1.4	1	0	64-QAM	21.97	21.72	22.02	13.44	0.0221
1.4	1	3		21.87	21.83	21.38		
1.4	1	5		21.76	21.82	21.57		
1.4	3	0		21.93	21.95	21.62		
1.4	3	1		22.09	21.75	21.64		
1.4	3	3		21.97	21.93	21.63		
1.4	6	0		20.77	20.58	20.56		
1.4	1	0	256-QAM	18.92	18.77	18.68	10.43	0.0110
1.4	1	3		18.78	18.75	18.66		
1.4	1	5		18.80	18.84	18.52		
1.4	3	0		19.08	18.88	18.89		
1.4	3	1		19.06	18.79	18.89		
1.4	3	3		19.05	18.91	18.78		
1.4	6	0		18.99	18.92	18.81		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -4.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.36	22.53	22.30	18.36	0.0685
20	1	49		22.56	22.55	22.52		
20	1	99		22.54	22.50	22.42		
20	50	0		21.60	21.56	21.48		
20	50	24		21.62	21.59	21.50		
20	50	50		21.71	21.62	21.57		
20	100	0		21.74	21.60	21.57		
20	1	0	16-QAM	21.60	21.35	21.51	17.70	0.0589
20	1	49		21.55	21.75	21.60		
20	1	99		21.90	21.87	21.69		
20	50	0		20.64	20.55	20.45		
20	50	24		20.65	20.65	20.50		
20	50	50		20.68	20.59	20.46		
20	100	0		20.59	20.62	20.54		
20	1	0	64-QAM	20.74	20.50	20.80	16.86	0.0485
20	1	49		20.44	21.06	20.22		
20	1	99		20.65	21.00	20.24		
20	50	0		19.71	19.61	19.50		
20	50	24		19.66	19.56	19.52		
20	50	50		19.61	19.66	19.50		
20	100	0		19.57	19.60	19.60		
20	1	0	256-QAM	17.41	17.12	17.13	13.60	0.0229
20	1	49		17.32	17.14	17.11		
20	1	99		17.20	17.13	17.11		
20	50	0		17.47	17.14	17.14		
20	50	24		17.37	17.80	17.12		
20	50	50		17.28	17.12	17.13		
20	100	0		17.35	17.13	17.10		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -4.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.55	22.54	22.32	18.35	0.0684
15	1	37		22.53	22.54	22.38		
15	1	74		22.53	22.53	22.55		
15	36	0		21.57	21.64	21.54		
15	36	20		21.67	21.68	21.55		
15	36	39		21.64	21.60	21.53		
15	75	0		21.74	21.64	21.55		
15	1	0	16-QAM	22.04	21.88	21.44	17.84	0.0608
15	1	37		21.88	21.64	21.61		
15	1	74		21.86	21.94	21.86		
15	36	0		20.59	20.58	20.48		
15	36	20		20.58	20.58	20.40		
15	36	39		20.64	20.57	20.52		
15	75	0		20.65	20.60	20.50		
15	1	0	64-QAM	20.81	20.95	20.60	16.75	0.0473
15	1	37		20.60	20.71	20.64		
15	1	74		20.87	20.75	20.89		
15	36	0		19.59	19.68	19.52		
15	36	20		19.62	19.65	19.51		
15	36	39		19.59	19.64	19.57		
15	75	0		19.59	19.58	19.52		
15	1	0	256-QAM	17.42	17.10	17.12	13.58	0.0228
15	1	37		17.28	17.11	17.15		
15	1	74		17.11	17.14	17.10		
15	36	0		17.47	17.11	17.14		
15	36	20		17.33	17.78	17.10		
15	36	39		17.24	17.10	17.11		
15	75	0		17.28	17.12	17.15		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -4.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.55	22.50	22.44	18.35	0.0684
10	1	25		22.50	22.33	22.34		
10	1	49		22.51	22.45	22.52		
10	25	0		21.54	21.66	21.52		
10	25	12		21.58	21.69	21.57		
10	25	25		21.68	21.54	21.44		
10	50	0		21.67	21.56	21.55		
10	1	0	16-QAM	21.69	21.82	21.62	17.97	0.0627
10	1	25		21.94	21.76	22.17		
10	1	49		21.77	21.96	21.78		
10	25	0		20.56	20.58	20.47		
10	25	12		20.64	20.58	20.50		
10	25	25		20.59	20.54	20.50		
10	50	0		20.67	20.59	20.53		
10	1	0	64-QAM	20.71	20.84	20.29	16.85	0.0484
10	1	25		20.55	21.05	20.75		
10	1	49		20.49	20.70	20.38		
10	25	0		19.50	19.67	19.43		
10	25	12		19.63	19.56	19.52		
10	25	25		19.69	19.63	19.56		
10	50	0		19.59	19.64	19.47		
10	1	0	256-QAM	17.34	17.13	17.12	13.50	0.0224
10	1	25		17.40	17.16	17.14		
10	1	49		17.24	17.12	17.15		
10	25	0		17.10	17.14	17.10		
10	25	12		17.47	17.10	17.14		
10	25	25		17.31	17.70	17.12		
10	50	0		17.18	17.11	17.13		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -4.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.49	22.52	22.44	18.35	0.0684
5	1	12		22.54	22.52	22.50		
5	1	24		22.55	22.54	22.54		
5	12	0		21.47	21.50	21.48		
5	12	7		21.53	21.56	21.51		
5	12	13		21.56	21.67	21.54		
5	25	0		21.59	21.63	21.49		
5	1	0	16-QAM	22.02	22.15	21.74	18.07	0.0641
5	1	12		22.14	22.12	21.68		
5	1	24		22.12	22.27	21.63		
5	12	0		20.54	20.62	20.35		
5	12	7		20.50	20.49	20.49		
5	12	13		20.53	20.65	20.54		
5	25	0		20.55	20.58	20.40		
5	1	0	64-QAM	20.29	20.72	20.35	16.74	0.0472
5	1	12		20.70	20.77	20.51		
5	1	24		20.68	20.73	20.94		
5	12	0		19.47	19.63	19.46		
5	12	7		19.63	19.68	19.50		
5	12	13		19.51	19.52	19.50		
5	25	0		19.62	19.59	19.45		
5	1	0	256-QAM	17.35	17.12	17.11	13.42	0.0220
5	1	12		17.39	17.11	17.10		
5	1	24		17.18	17.16	17.11		
5	12	0		17.11	17.10	17.12		
5	12	7		17.37	17.15	17.10		
5	12	13		17.26	17.62	17.11		
5	25	0		17.17	17.14	17.13		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.81	23.75	23.83	15.77	0.0378
10	1	25		23.92	23.87	23.85		
10	1	49		23.91	23.61	23.72		
10	25	0		22.93	22.88	22.84		
10	25	12		22.92	22.84	22.90		
10	25	25		22.99	22.89	22.95		
10	50	0		22.98	22.88	22.92		
10	1	0	16-QAM	23.18	23.06	22.98	15.28	0.0337
10	1	25		23.18	23.21	23.16		
10	1	49		23.43	23.02	23.32		
10	25	0		21.94	21.91	21.78		
10	25	12		21.92	21.87	21.85		
10	25	25		22.02	21.95	21.85		
10	50	0		21.92	21.88	21.91		
10	1	0	64-QAM	21.64	21.81	22.12	14.11	0.0258
10	1	25		22.20	21.92	22.07		
10	1	49		22.00	22.26	22.05		
10	25	0		20.93	20.84	20.78		
10	25	12		20.97	20.85	20.86		
10	25	25		20.98	20.96	20.88		
10	50	0		20.92	20.84	20.95		
10	1	0	256-QAM	19.05	19.02	18.94	11.03	0.0127
10	1	25		18.92	18.98	18.92		
10	1	49		18.96	18.92	18.78		
10	25	0		19.18	19.10	19.04		
10	25	12		19.09	19.06	19.02		
10	25	25		19.09	19.07	18.93		
10	50	0		19.08	19.05	19.09		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.90	23.75	23.70	15.76	0.0377
5	1	12		23.88	23.91	23.87		
5	1	24		23.91	23.79	23.85		
5	12	0		23.07	22.98	22.84		
5	12	7		23.00	22.91	22.80		
5	12	13		23.05	22.94	22.82		
5	25	0		22.99	22.86	22.93		
5	1	0	16-QAM	23.30	22.97	22.82	15.15	0.0327
5	1	12		23.03	23.29	23.00		
5	1	24		23.11	23.28	22.88		
5	12	0		22.08	21.90	21.75		
5	12	7		21.99	22.01	21.78		
5	12	13		21.94	22.01	21.80		
5	25	0		21.97	21.86	21.81		
5	1	0	64-QAM	22.07	21.78	21.75	14.23	0.0265
5	1	12		22.08	21.94	21.95		
5	1	24		22.15	22.38	21.76		
5	12	0		20.93	20.98	20.79		
5	12	7		20.96	20.88	20.89		
5	12	13		20.98	20.95	20.90		
5	25	0		20.96	20.85	20.79		
5	1	0	256-QAM	19.02	19.01	18.93	10.98	0.0125
5	1	12		18.93	19.03	18.81		
5	1	24		18.98	18.97	18.78		
5	12	0		19.12	19.02	18.98		
5	12	7		19.04	19.04	18.90		
5	12	13		19.06	19.02	18.91		
5	25	0		19.13	19.03	18.95		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.90	23.77	23.74	15.75	0.0376
3	1	8		23.89	23.64	23.72		
3	1	14		23.84	23.90	23.82		
3	8	0		22.91	22.84	22.76		
3	8	4		22.88	22.75	22.81		
3	8	7		22.95	22.92	22.80		
3	15	0		22.96	22.82	22.81		
3	1	0	16-QAM	23.05	23.13	23.16	15.07	0.0321
3	1	8		23.07	22.63	23.22		
3	1	14		23.16	22.66	23.03		
3	8	0		21.94	22.04	21.75		
3	8	4		21.94	22.01	21.87		
3	8	7		21.93	21.93	21.74		
3	15	0		21.87	21.87	21.82		
3	1	0	64-QAM	22.04	22.18	21.98	14.03	0.0253
3	1	8		21.88	21.75	21.99		
3	1	14		22.00	21.83	21.89		
3	8	0		20.96	20.73	20.62		
3	8	4		20.77	20.97	20.82		
3	8	7		20.92	20.94	20.76		
3	15	0		20.74	20.78	20.83		
3	1	0	256-QAM	18.99	18.87	18.83	10.90	0.0123
3	1	8		18.97	18.88	18.77		
3	1	14		18.97	18.86	18.76		
3	8	0		19.05	18.94	18.88		
3	8	4		19.03	19.01	18.87		
3	8	7		19.02	19.00	18.84		
3	15	0		18.99	18.98	18.86		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.89	23.84	23.72	15.76	0.0377
1.4	1	3		23.83	23.89	23.73		
1.4	1	5		23.91	23.78	23.79		
1.4	3	0		23.82	23.85	23.68		
1.4	3	1		23.90	23.86	23.78		
1.4	3	3		23.87	23.81	23.69		
1.4	6	0		22.87	22.81	22.72		
1.4	1	0	16-QAM	23.21	22.97	23.03	15.18	0.0330
1.4	1	3		23.10	23.07	22.90		
1.4	1	5		23.14	23.33	23.33		
1.4	3	0		22.87	23.13	22.94		
1.4	3	1		22.98	23.09	22.94		
1.4	3	3		22.93	23.05	22.95		
1.4	6	0		21.89	22.03	21.80		
1.4	1	0	64-QAM	21.96	22.05	22.07	13.99	0.0251
1.4	1	3		21.65	21.83	22.09		
1.4	1	5		22.09	22.14	22.09		
1.4	3	0		21.93	21.87	21.68		
1.4	3	1		22.01	22.01	21.78		
1.4	3	3		21.93	22.05	21.86		
1.4	6	0		20.85	21.06	20.75		
1.4	1	0	256-QAM	19.13	18.97	18.88	11.12	0.0129
1.4	1	3		18.93	18.93	18.89		
1.4	1	5		18.95	18.98	18.88		
1.4	3	0		19.27	19.12	19.12		
1.4	3	1		19.17	19.14	18.92		
1.4	3	3		19.01	19.13	19.01		
1.4	6	0		19.16	18.95	19.11		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -6.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.92	-	15.49	0.0354
10	1	25			23.94			
10	1	49			23.88			
10	25	0			22.95			
10	25	12			22.97			
10	25	25			23.01			
10	50	0			22.98			
10	1	0	16-QAM		23.09		14.78	0.0301
10	1	25			23.14			
10	1	49			23.23			
10	25	0			22.17			
10	25	12			21.98			
10	25	25			22.08			
10	50	0			22.09			
10	1	0	64-QAM		22.23		13.78	0.0239
10	1	25			21.98			
10	1	49			22.06			
10	25	0			21.03			
10	25	12			20.97			
10	25	25			21.00			
10	50	0			21.01			
10	1	0	256-QAM		19.05		10.66	0.0116
10	1	25			19.08			
10	1	49			18.94			
10	25	0			19.11			
10	25	12			19.08			
10	25	25			19.05			
10	50	0			19.11			
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -6.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.91	23.92	23.90	15.47	0.0352
5	1	12		23.90	23.92	23.90		
5	1	24		23.87	23.91	23.89		
5	12	0		23.03	23.03	23.03		
5	12	7		22.96	22.99	22.94		
5	12	13		22.94	23.00	22.95		
5	25	0		23.01	23.02	22.88		
5	1	0	16-QAM	23.35	23.17	23.28	14.97	0.0314
5	1	12		23.42	23.16	23.32		
5	1	24		23.14	23.15	23.25		
5	12	0		22.12	22.00	21.87		
5	12	7		22.06	21.91	21.95		
5	12	13		22.13	22.01	22.00		
5	25	0		22.08	22.00	21.92		
5	1	0	64-QAM	22.07	21.99	21.94	13.91	0.0246
5	1	12		22.32	22.36	21.99		
5	1	24		22.23	22.07	22.30		
5	12	0		21.06	20.97	21.11		
5	12	7		21.04	21.03	21.08		
5	12	13		21.10	20.87	21.12		
5	25	0		21.05	20.89	20.99		
5	1	0	256-QAM	19.02	18.98	19.03	10.71	0.0118
5	1	12		19.12	19.01	19.01		
5	1	24		19.02	18.96	18.94		
5	12	0		19.11	19.04	19.06		
5	12	7		19.16	19.03	19.03		
5	12	13		19.13	19.05	18.97		
5	25	0		19.05	19.09	19.05		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.80	23.76	23.79	15.74	0.0375
10	1	25		23.89	23.84	23.82		
10	1	49		23.81	23.69	23.71		
10	25	0		22.83	22.89	22.82		
10	25	12		22.91	22.96	22.94		
10	25	25		22.89	22.95	22.90		
10	50	0		22.97	22.98	22.90		
10	1	0	16-QAM	22.89	23.00	23.10	15.21	0.0332
10	1	25		23.23	23.07	23.04		
10	1	49		23.01	23.36	22.94		
10	25	0		21.93	21.84	21.90		
10	25	12		21.92	21.90	21.95		
10	25	25		22.01	22.01	21.89		
10	50	0		21.99	22.01	21.95		
10	1	0	64-QAM	21.82	21.79	21.83	14.17	0.0261
10	1	25		22.07	22.32	22.21		
10	1	49		22.09	22.24	22.13		
10	25	0		20.81	20.82	20.92		
10	25	12		20.84	20.85	20.84		
10	25	25		20.78	20.90	20.87		
10	50	0		20.90	20.95	20.86		
10	1	0	256-QAM	18.82	18.93	18.92	10.97	0.0125
10	1	25		18.89	18.85	18.86		
10	1	49		18.72	18.71	18.78		
10	25	0		19.12	19.09	19.08		
10	25	12		19.02	19.03	18.98		
10	25	25		18.96	18.96	18.97		
10	50	0		19.01	19.03	18.99		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.82	23.88	23.80	15.73	0.0374
5	1	12		23.86	23.82	23.81		
5	1	24		23.87	23.84	23.83		
5	12	0		22.99	22.81	22.83		
5	12	7		23.01	22.89	22.88		
5	12	13		22.93	22.87	22.89		
5	25	0		22.96	22.87	22.91		
5	1	0	16-QAM	23.40	23.18	23.05	15.38	0.0345
5	1	12		23.25	22.96	22.95		
5	1	24		23.53	23.22	23.03		
5	12	0		21.89	21.78	21.73		
5	12	7		22.02	21.97	21.88		
5	12	13		21.90	21.88	21.89		
5	25	0		21.91	21.89	21.86		
5	1	0	64-QAM	21.91	21.89	21.87	13.99	0.0251
5	1	12		21.91	22.06	22.08		
5	1	24		21.97	21.94	22.14		
5	12	0		20.94	20.87	20.86		
5	12	7		20.95	20.82	20.81		
5	12	13		20.95	20.85	20.71		
5	25	0		20.90	20.93	20.83		
5	1	0	256-QAM	18.94	18.95	18.92	10.91	0.0123
5	1	12		19.06	18.97	18.81		
5	1	24		19.01	18.90	18.77		
5	12	0		18.97	18.98	18.91		
5	12	7		19.02	18.94	18.90		
5	12	13		19.00	18.92	18.85		
5	25	0		19.03	18.99	18.94		
Limit	ERP < 3W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.60	23.61	23.62	15.01	0.0317
15	1	37		23.61	23.66	23.43		
15	1	74		23.59	23.56	23.51		
15	36	0		22.77	22.71	22.62		
15	36	20		22.81	22.75	22.63		
15	36	39		22.68	22.72	22.57		
15	75	0		22.81	22.76	22.62		
15	1	0	16-QAM	22.75	22.83	22.54	14.63	0.0290
15	1	37		22.06	22.79	23.22		
15	1	74		23.28	22.68	22.84		
15	36	0		21.74	21.71	21.61		
15	36	20		21.70	21.75	21.57		
15	36	39		21.78	21.67	21.67		
15	75	0		21.70	21.74	21.58		
15	1	0	64-QAM	21.88	21.62	21.66	13.36	0.0217
15	1	37		21.71	21.44	21.43		
15	1	74		22.01	21.19	21.51		
15	36	0		20.74	20.75	20.69		
15	36	20		20.73	20.68	20.73		
15	36	39		20.75	20.71	20.55		
15	75	0		20.75	20.74	20.58		
15	1	0	256-QAM	18.97	18.73	18.81	10.40	0.0110
15	1	37		18.95	18.69	18.74		
15	1	74		18.75	18.64	18.65		
15	36	0		19.05	18.91	18.81		
15	36	20		18.92	18.80	18.79		
15	36	39		18.90	18.77	18.71		
15	75	0		18.96	18.86	18.89		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.61	23.63	23.63	14.99	0.0316
10	1	25		23.59	23.52	23.43		
10	1	49		23.63	23.64	23.57		
10	25	0		22.96	22.80	22.70		
10	25	12		22.94	22.72	22.67		
10	25	25		22.88	22.67	22.57		
10	50	0		22.92	22.81	22.70		
10	1	0	16-QAM	23.36	22.90	22.65	14.71	0.0296
10	1	25		23.27	22.96	22.85		
10	1	49		23.06	23.22	22.83		
10	25	0		21.87	21.80	21.62		
10	25	12		21.95	21.77	21.72		
10	25	25		21.94	21.78	21.65		
10	50	0		21.90	21.76	21.61		
10	1	0	64-QAM	21.93	21.81	21.51	13.61	0.0230
10	1	25		21.95	22.18	21.96		
10	1	49		21.47	22.26	21.96		
10	25	0		20.86	20.78	20.71		
10	25	12		20.91	20.69	20.67		
10	25	25		20.94	20.76	20.59		
10	50	0		21.00	20.80	20.70		
10	1	0	256-QAM	18.86	18.84	18.72	10.38	0.0109
10	1	25		18.83	18.71	18.65		
10	1	49		18.81	18.79	18.64		
10	25	0		19.02	18.90	18.74		
10	25	12		18.98	18.86	18.75		
10	25	25		18.94	18.86	18.71		
10	50	0		19.03	18.86	18.87		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.61	23.58	23.65	15.00	0.0316
5	1	12		23.59	23.62	23.58		
5	1	24		23.63	23.65	23.54		
5	12	0		22.88	22.80	22.54		
5	12	7		22.89	22.79	22.62		
5	12	13		22.82	22.75	22.59		
5	25	0		22.99	22.70	22.51		
5	1	0	16-QAM	23.06	23.02	23.24	14.73	0.0297
5	1	12		23.38	23.17	22.99		
5	1	24		23.25	23.17	22.80		
5	12	0		21.86	21.79	21.57		
5	12	7		21.93	21.70	21.64		
5	12	13		21.92	21.78	21.59		
5	25	0		21.94	21.69	21.57		
5	1	0	64-QAM	21.80	21.89	21.95	13.51	0.0224
5	1	12		22.16	21.84	21.71		
5	1	24		22.15	22.11	21.88		
5	12	0		20.90	20.71	20.52		
5	12	7		20.91	20.72	20.63		
5	12	13		20.90	20.82	20.66		
5	25	0		21.00	20.68	20.54		
5	1	0	256-QAM	19.05	18.69	18.76	10.40	0.0110
5	1	12		18.85	18.61	18.78		
5	1	24		18.79	18.60	18.70		
5	12	0		19.02	18.92	18.82		
5	12	7		18.95	18.75	18.86		
5	12	13		18.96	18.67	18.76		
5	25	0		18.95	18.93	18.92		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.59	23.61	23.50	14.99	0.0316
3	1	8		23.64	23.58	23.43		
3	1	14		23.63	23.54	23.45		
3	8	0		22.84	22.68	22.46		
3	8	4		22.82	22.64	22.43		
3	8	7		22.88	22.72	22.45		
3	15	0		22.86	22.63	22.53		
3	1	0	16-QAM	23.07	23.06	23.02	14.59	0.0288
3	1	8		22.95	22.85	22.96		
3	1	14		22.97	23.24	22.61		
3	8	0		21.79	21.74	21.66		
3	8	4		21.84	21.64	21.62		
3	8	7		21.92	21.72	21.53		
3	15	0		21.91	21.74	21.53		
3	1	0	64-QAM	21.87	22.04	21.33	13.39	0.0218
3	1	8		21.61	21.76	21.73		
3	1	14		22.02	21.99	21.49		
3	8	0		20.87	20.67	20.62		
3	8	4		20.84	20.80	20.49		
3	8	7		20.83	20.72	20.55		
3	15	0		20.76	20.56	20.37		
3	1	0	256-QAM	18.94	18.82	18.72	10.40	0.0110
3	1	8		19.05	18.62	18.79		
3	1	14		18.76	18.56	18.71		
3	8	0		18.95	18.85	18.71		
3	8	4		18.97	18.73	18.78		
3	8	7		18.82	18.84	18.72		
3	15	0		18.88	18.88	18.92		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.65	23.56	23.36	15.00	0.0316
1.4	1	3		23.63	23.54	23.35		
1.4	1	5		23.61	23.62	23.49		
1.4	3	0		23.60	23.63	23.52		
1.4	3	1		23.62	23.59	23.57		
1.4	3	3		23.65	23.64	23.49		
1.4	6	0		22.83	22.64	22.50		
1.4	1	0	16-QAM	23.37	23.05	22.90	14.78	0.0301
1.4	1	3		23.43	23.11	22.66		
1.4	1	5		23.11	22.75	22.70		
1.4	3	0		23.10	22.45	22.80		
1.4	3	1		23.04	22.66	22.63		
1.4	3	3		22.82	22.96	22.60		
1.4	6	0		21.93	21.71	21.58		
1.4	1	0	64-QAM	22.37	21.73	21.53	13.72	0.0236
1.4	1	3		21.95	21.73	21.56		
1.4	1	5		22.16	21.84	21.45		
1.4	3	0		22.04	21.74	21.72		
1.4	3	1		22.02	21.71	21.61		
1.4	3	3		21.92	21.95	21.65		
1.4	6	0		20.82	20.60	20.53		
1.4	1	0	256-QAM	18.88	18.78	18.73	10.45	0.0111
1.4	1	3		19.04	18.60	18.76		
1.4	1	5		18.85	18.73	18.66		
1.4	3	0		19.10	18.83	18.78		
1.4	3	1		18.95	18.76	18.73		
1.4	3	3		18.91	18.72	18.68		
1.4	6	0		18.94	18.83	18.81		
Limit	ERP < 7W			Result			Pass	

LTE Band 38 (HPUE) 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	0	QPSK	24.01	23.95	23.82	20.37	0.1089
20	1	49		24.17	24.07	24.02		
20	1	99		24.02	23.96	23.95		
20	50	0		23.10	22.97	22.98		
20	50	24		23.04	22.95	22.93		
20	50	50		23.02	22.96	22.91		
20	100	0		23.12	23.04	22.99		
20	1	0	16-QAM	23.38	23.31	23.23	19.63	0.0918
20	1	49		23.25	23.30	23.23		
20	1	99		23.43	23.40	23.34		
20	50	0		22.15	22.01	21.87		
20	50	24		22.07	22.07	22.03		
20	50	50		22.07	22.04	21.95		
20	100	0		22.03	21.96	22.00		
20	1	0	64-QAM	22.15	22.20	22.05	18.45	0.0700
20	1	49		22.25	22.21	22.14		
20	1	99		22.22	22.23	22.10		
20	50	0		21.04	20.99	20.93		
20	50	24		21.05	21.07	20.98		
20	50	50		21.13	20.97	20.98		
20	100	0		21.14	20.94	20.97		
20	1	0	256-QAM	18.77	18.83	18.93	15.13	0.0326
20	1	49		18.75	18.82	18.85		
20	1	99		18.76	18.75	18.72		
20	50	0		18.89	18.92	18.87		
20	50	24		18.90	18.90	18.83		
20	50	50		18.91	18.86	18.78		
20	100	0		18.81	18.84	18.78		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 (HPUE) 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	0	QPSK	23.96	23.92	23.87	20.19	0.1045
15	1	37		23.89	23.79	23.79		
15	1	74		23.99	23.97	23.89		
15	36	0		23.11	23.01	22.97		
15	36	20		23.11	23.02	22.97		
15	36	39		23.11	23.03	22.92		
15	75	0		23.05	22.97	22.99		
15	1	0	16-QAM	23.31	23.31	23.35	19.74	0.0942
15	1	37		23.45	23.24	23.37		
15	1	74		23.48	23.54	23.46		
15	36	0		22.13	22.01	21.97		
15	36	20		22.12	22.02	21.94		
15	36	39		22.01	21.99	21.99		
15	75	0		22.10	22.07	22.02		
15	1	0	64-QAM	21.75	21.83	21.76	18.41	0.0693
15	1	37		22.11	21.72	21.71		
15	1	74		22.21	22.01	22.06		
15	36	0		21.09	20.98	21.05		
15	36	20		21.07	21.16	21.09		
15	36	39		21.19	21.15	21.04		
15	75	0		21.10	20.93	20.97		
15	1	0	256-QAM	18.70	18.82	18.93	15.13	0.0326
15	1	37		18.71	18.77	18.85		
15	1	74		18.70	18.73	18.77		
15	36	0		18.82	18.87	18.84		
15	36	20		18.82	18.87	18.77		
15	36	39		18.81	18.84	18.78		
15	75	0		18.80	18.81	18.72		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 (HPUE) 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	0	QPSK	24.10	23.93	23.86	20.30	0.1072
10	1	25		24.08	24.04	23.97		
10	1	49		24.06	23.86	23.92		
10	25	0		23.07	23.01	22.92		
10	25	12		23.07	23.01	22.96		
10	25	25		23.00	23.05	22.93		
10	50	0		23.17	22.98	22.93		
10	1	0	16-QAM	23.28	23.25	23.28	19.56	0.0904
10	1	25		23.29	23.33	23.28		
10	1	49		23.30	23.36	23.26		
10	25	0		22.03	22.02	22.04		
10	25	12		22.09	22.08	21.96		
10	25	25		22.12	22.12	21.99		
10	50	0		22.13	22.02	21.96		
10	1	0	64-QAM	21.74	21.81	21.95	18.43	0.0697
10	1	25		22.21	22.23	22.16		
10	1	49		22.18	22.21	22.12		
10	25	0		20.95	20.99	20.91		
10	25	12		21.06	20.99	20.94		
10	25	25		21.08	21.05	21.04		
10	50	0		21.03	21.00	20.95		
10	1	0	256-QAM	18.76	18.75	18.86	15.10	0.0324
10	1	25		18.72	18.80	18.76		
10	1	49		18.75	18.73	18.72		
10	25	0		18.80	18.83	18.86		
10	25	12		18.89	18.84	18.77		
10	25	25		18.90	18.77	18.70		
10	50	0		18.73	18.82	18.70		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 (HPUE) 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	0	QPSK	24.03	23.96	23.90	20.26	0.1062
5	1	12		23.95	23.86	23.82		
5	1	24		24.06	23.89	23.89		
5	12	0		23.11	22.99	23.02		
5	12	7		23.03	23.10	22.93		
5	12	13		23.13	23.01	22.87		
5	25	0		23.07	22.97	23.02		
5	1	0	16-QAM	23.20	23.18	23.09	19.76	0.0946
5	1	12		23.24	23.22	23.15		
5	1	24		23.50	23.49	23.56		
5	12	0		22.14	22.16	21.94		
5	12	7		22.01	21.96	21.92		
5	12	13		22.01	21.97	21.84		
5	25	0		22.06	22.10	22.01		
5	1	0	64-QAM	21.92	21.85	22.02	18.25	0.0668
5	1	12		21.72	21.75	21.94		
5	1	24		21.99	22.05	21.98		
5	12	0		21.11	21.09	21.05		
5	12	7		21.11	21.08	21.07		
5	12	13		21.04	21.04	20.94		
5	25	0		21.10	21.18	21.08		
5	1	0	256-QAM	18.71	18.77	18.84	15.10	0.0324
5	1	12		18.77	18.74	18.82		
5	1	24		18.76	18.75	18.73		
5	12	0		18.85	18.86	18.80		
5	12	7		18.90	18.87	18.83		
5	12	13		18.87	18.82	18.71		
5	25	0		18.76	18.74	18.71		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 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	0	QPSK	22.63	22.53	22.50	18.88	0.0773
20	1	49		22.68	22.55	22.52		
20	1	99		22.67	22.54	22.50		
20	50	0		21.77	21.54	21.60		
20	50	24		21.79	21.58	21.59		
20	50	50		21.76	21.53	21.55		
20	100	0		21.73	21.51	21.57		
20	1	0	16-QAM	21.73	21.61	21.56	17.96	0.0625
20	1	49		21.72	21.58	21.52		
20	1	99		21.76	21.66	21.58		
20	50	0		20.75	20.54	20.56		
20	50	24		20.79	20.54	20.57		
20	50	50		20.77	20.55	20.54		
20	100	0		20.77	20.55	20.55		
20	1	0	64-QAM	20.62	20.54	20.54	16.90	0.0490
20	1	49		20.68	20.57	20.50		
20	1	99		20.70	20.63	20.55		
20	50	0		19.73	19.54	19.54		
20	50	24		19.76	19.55	19.56		
20	50	50		19.75	19.54	19.53		
20	100	0		19.74	19.54	19.52		
20	1	0	256-QAM	17.75	17.76	17.59	14.12	0.0258
20	1	49		17.86	17.69	17.50		
20	1	99		17.68	17.55	17.51		
20	50	0		17.92	17.81	17.74		
20	50	24		17.91	17.78	17.72		
20	50	50		17.87	17.73	17.70		
20	100	0		17.84	17.71	17.68		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 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	0	QPSK	22.58	22.58	22.50	18.85	0.0767
15	1	37		22.63	22.50	22.54		
15	1	74		22.65	22.51	22.51		
15	36	0		21.72	21.56	21.64		
15	36	20		21.82	21.63	21.62		
15	36	39		21.78	21.56	21.57		
15	75	0		21.74	21.54	21.56		
15	1	0	16-QAM	21.68	21.59	21.54	17.98	0.0628
15	1	37		21.76	21.57	21.55		
15	1	74		21.78	21.65	21.60		
15	36	0		20.80	20.54	20.61		
15	36	20		20.76	20.54	20.54		
15	36	39		20.80	20.58	20.59		
15	75	0		20.80	20.53	20.56		
15	1	0	64-QAM	20.59	20.56	20.54	16.93	0.0493
15	1	37		20.73	20.56	20.50		
15	1	74		20.68	20.61	20.50		
15	36	0		19.71	19.53	19.52		
15	36	20		19.75	19.54	19.51		
15	36	39		19.70	19.59	19.50		
15	75	0		19.73	19.51	19.55		
15	1	0	256-QAM	17.74	17.77	17.63	14.17	0.0261
15	1	37		17.91	17.65	17.50		
15	1	74		17.70	17.58	17.51		
15	36	0		17.97	17.77	17.75		
15	36	20		17.87	17.73	17.67		
15	36	39		17.87	17.71	17.65		
15	75	0		17.84	17.76	17.65		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 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	0	QPSK	22.62	22.53	22.52	18.86	0.0769
10	1	25		22.66	22.60	22.51		
10	1	49		22.63	22.56	22.51		
10	25	0		21.78	21.56	21.59		
10	25	12		21.74	21.58	21.57		
10	25	25		21.78	21.51	21.51		
10	50	0		21.68	21.51	21.60		
10	1	0	16-QAM	21.78	21.58	21.54	18.01	0.0632
10	1	25		21.75	21.61	21.50		
10	1	49		21.81	21.67	21.58		
10	25	0		20.76	20.52	20.59		
10	25	12		20.75	20.57	20.57		
10	25	25		20.82	20.60	20.57		
10	50	0		20.80	20.59	20.54		
10	1	0	64-QAM	20.62	20.57	20.55	16.90	0.0490
10	1	25		20.70	20.61	20.50		
10	1	49		20.67	20.67	20.59		
10	25	0		19.76	19.56	19.53		
10	25	12		19.74	19.57	19.58		
10	25	25		19.79	19.57	19.55		
10	50	0		19.77	19.52	19.53		
10	1	0	256-QAM	17.70	17.77	17.57	14.15	0.0260
10	1	25		17.86	17.65	17.51		
10	1	49		17.72	17.57	17.52		
10	25	0		17.95	17.77	17.69		
10	25	12		17.91	17.78	17.71		
10	25	25		17.88	17.77	17.72		
10	50	0		17.88	17.68	17.64		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 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	0	QPSK	22.58	22.57	22.53	18.88	0.0773
5	1	12		22.68	22.52	22.57		
5	1	24		22.66	22.56	22.54		
5	12	0		21.73	21.55	21.62		
5	12	7		21.84	21.60	21.59		
5	12	13		21.79	21.53	21.59		
5	25	0		21.71	21.55	21.56		
5	1	0	16-QAM	21.76	21.63	21.58	18.01	0.0632
5	1	12		21.73	21.56	21.50		
5	1	24		21.81	21.69	21.59		
5	12	0		20.76	20.56	20.52		
5	12	7		20.84	20.51	20.62		
5	12	13		20.80	20.54	20.53		
5	25	0		20.72	20.52	20.56		
5	1	0	64-QAM	20.57	20.50	20.58	16.92	0.0492
5	1	12		20.70	20.61	20.50		
5	1	24		20.72	20.61	20.55		
5	12	0		19.73	19.53	19.53		
5	12	7		19.81	19.60	19.55		
5	12	13		19.80	19.56	19.54		
5	25	0		19.74	19.53	19.54		
5	1	0	256-QAM	17.76	17.75	17.58	14.12	0.0258
5	1	12		17.90	17.68	17.52		
5	1	24		17.67	17.55	17.50		
5	12	0		17.90	17.85	17.72		
5	12	7		17.92	17.74	17.68		
5	12	13		17.82	17.69	17.72		
5	25	0		17.84	17.70	17.67		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) 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	0	QPSK	24.70	24.62	24.65	20.91	0.1233
20	1	49		24.71	24.63	24.69		
20	1	99		24.65	24.60	24.63		
20	50	0		23.72	23.64	23.75		
20	50	24		23.76	23.66	23.74		
20	50	50		23.75	23.62	23.70		
20	100	0		23.80	23.65	23.74		
20	1	0	16-QAM	23.77	23.85	23.90	20.10	0.1023
20	1	49		23.71	23.64	23.73		
20	1	99		23.89	23.84	23.87		
20	50	0		22.72	22.62	22.70		
20	50	24		22.74	22.64	22.72		
20	50	50		22.75	22.63	22.70		
20	100	0		22.78	22.65	22.72		
20	1	0	64-QAM	22.65	22.62	22.87	19.07	0.0807
20	1	49		22.79	22.63	22.65		
20	1	99		22.78	22.62	22.60		
20	50	0		21.73	21.60	21.71		
20	50	24		21.71	21.62	21.71		
20	50	50		21.73	21.61	21.68		
20	100	0		21.73	21.62	21.70		
20	1	0	256-QAM	19.83	19.76	19.76	16.15	0.0412
20	1	49		19.71	19.62	19.75		
20	1	99		19.64	19.61	19.66		
20	50	0		19.95	19.93	19.87		
20	50	24		19.93	19.89	19.85		
20	50	50		19.89	19.84	19.82		
20	100	0		19.85	19.82	19.78		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) 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	0	QPSK	24.69	24.61	24.65	20.89	0.1227
15	1	37		24.68	24.62	24.67		
15	1	74		24.66	24.60	24.63		
15	36	0		23.76	23.67	23.75		
15	36	20		23.79	23.61	23.76		
15	36	39		23.76	23.62	23.66		
15	75	0		23.75	23.63	23.77		
15	1	0	16-QAM	23.76	23.87	23.88	20.12	0.1028
15	1	37		23.70	23.66	23.68		
15	1	74		23.92	23.81	23.87		
15	36	0		22.72	22.60	22.71		
15	36	20		22.79	22.67	22.77		
15	36	39		22.72	22.61	22.67		
15	75	0		22.78	22.62	22.72		
15	1	0	64-QAM	22.69	22.60	22.90	19.10	0.0813
15	1	37		22.74	22.68	22.60		
15	1	74		22.81	22.65	22.61		
15	36	0		21.75	21.61	21.74		
15	36	20		21.74	21.60	21.76		
15	36	39		21.69	21.61	21.66		
15	75	0		21.69	21.60	21.70		
15	1	0	256-QAM	19.85	19.72	19.81	16.18	0.0415
15	1	37		19.71	19.67	19.71		
15	1	74		19.63	19.60	19.64		
15	36	0		19.98	19.98	19.90		
15	36	20		19.92	19.86	19.80		
15	36	39		19.90	19.83	19.77		
15	75	0		19.82	19.78	19.77		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) 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	0	QPSK	24.66	24.62	24.65	20.91	0.1233
10	1	25		24.71	24.68	24.71		
10	1	49		24.66	24.61	24.63		
10	25	0		23.69	23.64	23.73		
10	25	12		23.79	23.71	23.73		
10	25	25		23.79	23.61	23.73		
10	50	0		23.80	23.70	23.73		
10	1	0	16-QAM	23.80	23.81	23.87	20.09	0.1021
10	1	25		23.76	23.63	23.70		
10	1	49		23.84	23.79	23.89		
10	25	0		22.73	22.65	22.74		
10	25	12		22.72	22.62	22.70		
10	25	25		22.74	22.60	22.67		
10	50	0		22.78	22.65	22.67		
10	1	0	64-QAM	22.68	22.62	22.84	19.04	0.0802
10	1	25		22.81	22.64	22.65		
10	1	49		22.73	22.65	22.61		
10	25	0		21.74	21.65	21.69		
10	25	12		21.66	21.67	21.74		
10	25	25		21.75	21.60	21.63		
10	50	0		21.76	21.67	21.75		
10	1	0	256-QAM	19.79	19.78	19.77	16.18	0.0415
10	1	25		19.72	19.61	19.75		
10	1	49		19.61	19.62	19.68		
10	25	0		19.95	19.98	19.83		
10	25	12		19.93	19.92	19.90		
10	25	25		19.85	19.87	19.81		
10	50	0		19.88	19.81	19.82		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) 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	0	QPSK	24.71	24.60	24.68	20.91	0.1233
5	1	12		24.70	24.60	24.71		
5	1	24		24.62	24.64	24.64		
5	12	0		23.75	23.62	23.71		
5	12	7		23.76	23.65	23.71		
5	12	13		23.80	23.60	23.75		
5	25	0		23.83	23.70	23.72		
5	1	0	16-QAM	23.79	23.90	23.89	20.13	0.1030
5	1	12		23.75	23.61	23.69		
5	1	24		23.93	23.88	23.84		
5	12	0		22.71	22.67	22.74		
5	12	7		22.72	22.69	22.73		
5	12	13		22.76	22.66	22.70		
5	25	0		22.80	22.63	22.68		
5	1	0	64-QAM	22.64	22.60	22.84	19.04	0.0802
5	1	12		22.83	22.66	22.63		
5	1	24		22.81	22.66	22.61		
5	12	0		21.75	21.61	21.67		
5	12	7		21.74	21.60	21.72		
5	12	13		21.73	21.66	21.68		
5	25	0		21.76	21.65	21.72		
5	1	0	256-QAM	19.84	19.75	19.73	16.13	0.0410
5	1	12		19.73	19.64	19.71		
5	1	24		19.63	19.62	19.62		
5	12	0		19.93	19.93	19.87		
5	12	7		19.90	19.90	19.86		
5	12	13		19.92	19.86	19.84		
5	25	0		19.80	19.84	19.80		
Limit	EIRP < 2W			Result			Pass	

LTE Band 66 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	0	QPSK	22.92	22.94	22.76	22.41	0.1742
20	1	49		23.11	22.98	22.86		
20	1	99		23.09	22.86	22.77		
20	50	0		22.20	22.03	21.94		
20	50	24		22.22	22.05	22.02		
20	50	50		22.16	21.96	21.99		
20	100	0		22.16	22.03	22.02		
20	1	0	16-QAM	21.97	22.31	22.26	21.62	0.1452
20	1	49		22.32	22.27	22.08		
20	1	99		22.15	22.25	22.22		
20	50	0		21.07	21.11	20.89		
20	50	24		21.19	21.05	20.91		
20	50	50		21.18	20.93	20.91		
20	100	0		21.08	21.08	20.92		
20	1	0	64-QAM	20.92	21.12	21.11	20.59	0.1146
20	1	49		21.29	21.08	20.74		
20	1	99		21.08	20.76	20.65		
20	50	0		20.08	20.08	19.98		
20	50	24		20.26	20.02	20.08		
20	50	50		20.24	20.06	20.00		
20	100	0		20.14	20.01	19.92		
20	1	0	256-QAM	17.70	17.79	17.79	17.44	0.0555
20	1	49		18.14	17.91	17.86		
20	1	99		18.04	17.98	18.11		
20	50	0		17.98	17.95	17.90		
20	50	24		18.09	17.96	18.01		
20	50	50		18.12	17.99	18.05		
20	100	0		18.02	17.97	18.02		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 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	0	QPSK	23.06	23.01	22.80	22.40	0.1738
15	1	37		23.09	22.95	22.90		
15	1	74		23.10	22.90	22.93		
15	36	0		22.12	22.00	21.90		
15	36	20		22.20	22.01	21.98		
15	36	39		22.24	22.07	22.03		
15	75	0		22.08	22.04	21.95		
15	1	0	16-QAM	22.08	22.35	22.46	21.81	0.1517
15	1	37		22.44	22.24	22.20		
15	1	74		22.34	22.51	22.21		
15	36	0		21.10	21.09	20.88		
15	36	20		21.17	21.16	20.99		
15	36	39		21.17	21.08	20.98		
15	75	0		21.14	21.07	20.91		
15	1	0	64-QAM	21.07	21.32	21.01	20.62	0.1153
15	1	37		20.87	21.01	20.80		
15	1	74		21.08	20.71	21.04		
15	36	0		20.16	20.07	20.00		
15	36	20		20.17	20.10	20.01		
15	36	39		20.12	20.09	19.97		
15	75	0		20.13	20.04	19.96		
15	1	0	256-QAM	17.93	17.85	17.85	17.47	0.0558
15	1	37		18.00	17.94	17.88		
15	1	74		18.17	17.99	17.97		
15	36	0		18.02	17.95	18.01		
15	36	20		18.13	17.98	18.04		
15	36	39		18.15	18.03	18.08		
15	75	0		18.05	17.96	18.04		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 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	0	QPSK	22.99	23.02	22.91	22.34	0.1714
10	1	25		22.95	22.85	22.70		
10	1	49		23.04	22.97	22.93		
10	25	0		22.18	22.05	21.93		
10	25	12		22.18	22.10	21.97		
10	25	25		22.11	22.05	22.01		
10	50	0		22.18	22.01	21.98		
10	1	0	16-QAM	22.31	22.24	22.21	21.92	0.1556
10	1	25		22.44	22.46	21.84		
10	1	49		22.62	22.60	22.42		
10	25	0		21.23	21.08	21.00		
10	25	12		21.07	21.10	20.95		
10	25	25		21.16	21.04	20.99		
10	50	0		21.21	21.12	21.07		
10	1	0	64-QAM	21.26	21.44	21.41	20.99	0.1256
10	1	25		21.68	21.19	21.52		
10	1	49		21.03	21.69	21.32		
10	25	0		20.19	20.07	19.94		
10	25	12		20.07	20.04	19.93		
10	25	25		20.19	20.07	20.00		
10	50	0		20.10	20.01	19.96		
10	1	0	256-QAM	17.96	17.89	17.91	17.45	0.0556
10	1	25		18.06	17.99	17.95		
10	1	49		18.15	18.09	18.12		
10	25	0		17.98	17.96	17.98		
10	25	12		18.04	17.96	18.00		
10	25	25		18.09	17.98	18.03		
10	50	0		18.03	17.99	18.02		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.07	23.01	22.94	22.39	0.1734
5	1	12		23.09	23.06	23.06		
5	1	24		23.09	23.05	22.88		
5	12	0		22.18	22.11	22.01		
5	12	7		22.13	22.09	22.00		
5	12	13		22.17	22.07	21.97		
5	25	0		22.12	22.07	21.98		
5	1	0	16-QAM	22.13	22.11	21.75	21.77	0.1503
5	1	12		22.42	22.08	22.19		
5	1	24		22.47	22.30	22.06		
5	12	0		21.24	21.16	21.00		
5	12	7		21.23	21.14	21.22		
5	12	13		21.23	21.06	21.10		
5	25	0		21.03	21.14	20.97		
5	1	0	64-QAM	21.60	21.41	21.11	20.90	0.1230
5	1	12		21.25	21.47	21.16		
5	1	24		21.26	20.88	21.49		
5	12	0		20.06	20.01	20.03		
5	12	7		19.99	20.02	20.18		
5	12	13		20.17	20.19	19.99		
5	25	0		20.03	20.06	19.98		
5	1	0	256-QAM	17.85	17.81	17.92	17.37	0.0546
5	1	12		18.03	17.84	18.02		
5	1	24		18.07	17.90	18.04		
5	12	0		18.02	17.94	18.02		
5	12	7		18.03	17.96	18.04		
5	12	13		18.06	17.99	18.05		
5	25	0		17.99	17.93	18.01		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.05	23.06	22.90	22.36	0.1722
3	1	8		23.04	22.88	22.95		
3	1	14		22.97	22.98	22.93		
3	8	0		22.08	22.03	21.94		
3	8	4		22.10	21.93	22.04		
3	8	7		22.15	22.01	21.92		
3	15	0		22.10	22.04	21.92		
3	1	0	16-QAM	21.80	22.23	21.76	21.60	0.1445
3	1	8		21.98	22.22	22.30		
3	1	14		21.90	22.19	21.92		
3	8	0		21.13	21.16	20.99		
3	8	4		21.25	21.07	21.00		
3	8	7		21.29	21.02	21.11		
3	15	0		21.25	21.08	21.02		
3	1	0	64-QAM	21.46	21.19	21.12	20.76	0.1191
3	1	8		21.42	21.33	21.30		
3	1	14		21.23	20.90	20.79		
3	8	0		20.13	20.14	20.06		
3	8	4		20.15	19.98	19.76		
3	8	7		20.09	20.08	19.96		
3	15	0		20.16	19.99	19.99		
3	1	0	256-QAM	17.85	17.80	17.92	17.43	0.0553
3	1	8		17.94	17.84	17.90		
3	1	14		17.97	17.86	17.95		
3	8	0		17.97	17.91	18.04		
3	8	4		18.05	17.94	18.06		
3	8	7		18.07	17.96	18.13		
3	15	0		17.95	17.92	18.04		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.91	22.82	22.72	22.24	0.1675
1.4	1	3		22.72	22.64	22.60		
1.4	1	5		22.86	22.81	22.67		
1.4	3	0		22.92	22.82	22.71		
1.4	3	1		22.94	22.79	22.82		
1.4	3	3		22.80	22.78	22.66		
1.4	6	0		21.84	21.77	21.73		
1.4	1	0	16-QAM	22.12	21.80	22.18	21.76	0.1500
1.4	1	3		22.21	22.01	22.10		
1.4	1	5		22.46	22.09	21.73		
1.4	3	0		22.10	21.70	21.79		
1.4	3	1		21.79	21.71	21.91		
1.4	3	3		22.05	21.81	21.95		
1.4	6	0		20.96	20.83	20.84		
1.4	1	0	64-QAM	21.40	21.02	21.15	20.70	0.1175
1.4	1	3		20.98	20.75	21.24		
1.4	1	5		21.10	20.97	20.74		
1.4	3	0		20.98	20.84	20.77		
1.4	3	1		20.96	20.92	21.06		
1.4	3	3		21.21	21.03	20.76		
1.4	6	0		19.85	19.62	19.74		
1.4	1	0	256-QAM	17.66	17.63	17.76	17.15	0.0519
1.4	1	3		17.61	17.62	17.66		
1.4	1	5		17.71	17.66	17.70		
1.4	3	0		17.75	17.68	17.76		
1.4	3	1		17.85	17.76	17.81		
1.4	3	3		17.80	17.73	17.83		
1.4	6	0		17.78	17.70	17.77		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	23.77	23.59	23.63	15.18	0.0330
20	1	49		23.83	23.66	23.66		
20	1	99		23.75	23.65	23.66		
20	50	0		22.91	22.75	22.69		
20	50	24		22.88	22.70	22.77		
20	50	50		22.94	22.77	22.70		
20	100	0		22.98	22.77	22.69		
20	1	0	16-QAM	22.79	22.80	22.82	14.74	0.0298
20	1	49		23.19	22.83	22.99		
20	1	99		23.22	23.22	23.39		
20	50	0		21.92	21.64	21.69		
20	50	24		21.90	21.80	21.69		
20	50	50		21.83	21.72	21.71		
20	100	0		21.86	21.80	21.80		
20	1	0	64-QAM	21.89	21.73	21.45	13.68	0.0233
20	1	49		21.91	21.87	21.85		
20	1	99		22.33	21.88	21.97		
20	50	0		20.83	20.67	20.63		
20	50	24		20.90	20.73	20.71		
20	50	50		20.86	20.76	20.75		
20	100	0		20.83	20.80	20.64		
20	1	0	256-QAM	18.88	18.87	18.77	10.48	0.0112
20	1	49		18.91	18.77	18.80		
20	1	99		18.65	18.60	18.65		
20	50	0		19.13	18.97	19.05		
20	50	24		19.07	18.93	18.94		
20	50	50		18.94	18.88	18.84		
20	100	0		19.03	18.90	18.85		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.79	23.70	23.64	15.16	0.0328
15	1	37		23.81	23.64	23.50		
15	1	74		23.80	23.81	23.62		
15	36	0		23.02	22.90	22.73		
15	36	20		23.03	22.87	22.70		
15	36	39		22.98	22.84	22.72		
15	75	0		23.02	22.86	22.64		
15	1	0	16-QAM	23.26	23.24	23.29	15.05	0.0320
15	1	37		23.70	23.25	23.28		
15	1	74		23.38	23.07	23.31		
15	36	0		21.92	21.75	21.61		
15	36	20		21.92	21.91	21.74		
15	36	39		22.00	21.92	21.68		
15	75	0		22.00	21.83	21.67		
15	1	0	64-QAM	22.09	22.02	21.81	13.5	0.0224
15	1	37		22.01	21.86	21.86		
15	1	74		21.94	22.15	21.90		
15	36	0		20.96	20.88	20.69		
15	36	20		21.03	20.86	20.64		
15	36	39		20.90	20.89	20.75		
15	75	0		21.00	20.83	20.70		
15	1	0	256-QAM	18.91	18.83	18.78	10.44	0.0111
15	1	37		18.94	18.80	18.74		
15	1	74		18.66	18.76	18.64		
15	36	0		19.09	19.04	18.87		
15	36	20		19.01	18.87	18.86		
15	36	39		18.96	18.88	18.76		
15	75	0		19.02	18.98	18.85		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.80	23.64	23.54	15.16	0.0328
10	1	25		23.69	23.56	23.33		
10	1	49		23.81	23.72	23.56		
10	25	0		22.85	22.80	22.51		
10	25	12		22.83	22.77	22.59		
10	25	25		22.78	22.76	22.55		
10	50	0		22.87	22.85	22.59		
10	1	0	16-QAM	23.04	22.94	22.76	14.65	0.0292
10	1	25		23.30	22.95	22.87		
10	1	49		23.15	23.05	22.89		
10	25	0		22.00	21.71	21.60		
10	25	12		21.82	21.81	21.70		
10	25	25		21.87	21.70	21.59		
10	50	0		21.85	21.73	21.58		
10	1	0	64-QAM	21.53	21.77	21.96	13.42	0.0220
10	1	25		21.67	21.51	21.45		
10	1	49		21.47	22.07	21.63		
10	25	0		20.92	20.75	20.56		
10	25	12		20.89	20.73	20.54		
10	25	25		20.89	20.70	20.58		
10	50	0		20.90	20.75	20.57		
10	1	0	256-QAM	18.87	18.94	18.77	10.46	0.0111
10	1	25		18.89	18.73	18.68		
10	1	49		18.93	18.91	18.67		
10	25	0		19.08	19.11	18.83		
10	25	12		19.06	18.99	18.85		
10	25	25		19.08	18.92	18.77		
10	50	0		19.10	18.96	18.83		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -6.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.80	23.81	23.67	15.17	0.0329
5	1	12		23.81	23.77	23.60		
5	1	24		23.79	23.82	23.47		
5	12	0		22.82	22.78	22.55		
5	12	7		22.92	22.76	22.52		
5	12	13		22.91	22.81	22.52		
5	25	0		22.97	22.84	22.56		
5	1	0	16-QAM	23.31	22.98	22.72	14.70	0.0295
5	1	12		23.23	23.35	23.08		
5	1	24		23.11	23.28	23.02		
5	12	0		22.03	21.82	21.52		
5	12	7		21.96	21.77	21.65		
5	12	13		21.99	21.75	21.43		
5	25	0		21.97	21.82	21.61		
5	1	0	64-QAM	22.00	22.02	22.11	13.53	0.0225
5	1	12		22.14	22.04	22.18		
5	1	24		22.11	22.16	21.79		
5	12	0		21.04	20.80	20.59		
5	12	7		20.91	20.87	20.61		
5	12	13		20.91	20.75	20.64		
5	25	0		20.92	20.79	20.53		
5	1	0	256-QAM	19.02	18.92	18.75	10.44	0.0111
5	1	12		19.07	18.89	18.77		
5	1	24		19.06	18.87	18.70		
5	12	0		19.01	18.91	18.74		
5	12	7		19.02	18.90	18.72		
5	12	13		19.06	18.89	18.69		
5	25	0		19.09	18.95	18.77		
Limit	ERP < 3W			Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -6.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.94	21.86	22.03	15.18	0.0330
10+10	1	0	1	49		15.53	15.66	15.80		
10+10	1	49	1	0		23.79	23.83	23.81		
10+10	50	0	50	0	16-QAM	20.85	20.86	20.97	14.46	0.0279
10+10	1	0	1	49		15.88	15.95	16.09		
10+10	1	49	1	0		23.00	23.11	23.00		
10+10	50	0	50	0	64-QAM	20.89	20.88	20.93	12.30	0.0170
10+10	1	0	1	49		15.73	15.93	15.97		
10+10	1	49	1	0		20.79	20.92	20.95		
10+10	50	0	50	0	256-QAM	18.91	18.85	18.97	10.32	0.0108
10+10	1	0	1	49		15.83	15.80	15.95		
10+10	1	49	1	0		18.90	18.90	18.86		
10+5	50	0	25	0	QPSK	21.96	21.85	21.78	15.21	0.0332
10+5	1	0	1	24		13.74	13.67	13.74		
10+5	1	49	1	0		23.86	23.80	23.77		
10+5	50	0	25	0	16-QAM	20.95	20.88	20.78	14.38	0.0274
10+5	1	0	1	24		14.05	13.95	13.97		
10+5	1	49	1	0		23.03	22.98	22.94		
10+5	50	0	25	0	64-QAM	20.94	20.86	20.81	12.36	0.0172
10+5	1	0	1	24		13.97	14.00	13.97		
10+5	1	49	1	0		21.01	20.90	20.87		
10+5	50	0	25	0	256-QAM	18.95	18.85	18.83	10.30	0.0107
10+5	1	0	1	24		13.87	13.93	13.92		
10+5	1	49	1	0		18.90	18.87	18.78		
5+10	25	0	50	0	QPSK	22.05	22.03	21.89	15.25	0.0335
5+10	1	0	1	49		14.01	13.92	14.00		
5+10	1	24	1	0		23.90	23.85	23.77		
5+10	25	0	50	0	16-QAM	21.12	21.02	20.94	14.43	0.0277
5+10	1	0	1	49		14.21	14.18	14.20		
5+10	1	24	1	0		23.08	23.04	22.97		
5+10	25	0	50	0	64-QAM	21.06	21.01	20.91	12.41	0.0174
5+10	1	0	1	49		14.28	14.11	14.21		
5+10	1	24	1	0		21.04	20.94	20.95		
5+10	25	0	50	0	256-QAM	19.12	19.00	18.93	10.47	0.0111
5+10	1	0	1	49		14.29	14.09	14.18		
5+10	1	24	1	0		19.00	18.93	18.85		
Limit	ERP < 7W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.25	21.32	21.67	22.56	0.1803
10+10	1	0	1	49		14.45	14.60	15.00		
10+10	1	49	1	0		23.13	23.08	23.26		
10+10	50	0	50	0	16-QAM	20.24	20.29	20.61	21.83	0.1524
10+10	1	0	1	49		14.77	14.97	15.24		
10+10	1	49	1	0		22.47	22.47	22.53		
10+10	50	0	50	0	64-QAM	20.23	20.30	20.59	19.89	0.0975
10+10	1	0	1	49		14.69	15.00	15.34		
10+10	1	49	1	0		20.48	20.46	20.52		
10+10	50	0	50	0	256-QAM	18.00	18.13	18.51	17.85	0.0610
10+10	1	0	1	49		14.62	14.93	15.32		
10+10	1	49	1	0		18.47	18.44	18.55		
15+5	75	0	25	0	QPSK	21.04	21.10	21.22	22.39	0.1734
15+5	1	0	1	24		14.54	14.62	14.83		
15+5	1	74	1	0		23.09	23.04	22.72		
15+5	75	0	25	0	16-QAM	20.05	20.08	20.13	21.81	0.1517
15+5	1	0	1	24		14.96	15.07	15.20		
15+5	1	74	1	0		22.51	22.41	21.90		
15+5	75	0	25	0	64-QAM	20.09	20.12	20.24	19.88	0.0973
15+5	1	0	1	24		14.95	15.00	15.19		
15+5	1	74	1	0		20.58	20.45	20.03		
15+5	75	0	25	0	256-QAM	18.12	18.11	18.30	17.82	0.0605
15+5	1	0	1	24		14.90	15.03	15.15		
15+5	1	74	1	0		18.40	18.52	18.29		
5+15	25	0	75	0	QPSK	21.00	21.03	21.35	22.47	0.1766
5+15	1	0	1	74		14.33	14.50	14.85		
5+15	1	24	1	0		22.55	22.76	23.17		
5+15	25	0	75	0	16-QAM	20.05	20.04	20.38	21.88	0.1542
5+15	1	0	1	74		14.62	14.81	15.21		
5+15	1	24	1	0		21.77	22.21	22.58		
5+15	25	0	75	0	64-QAM	20.08	20.06	20.37	19.77	0.0948
5+15	1	0	1	74		14.57	14.79	15.21		
5+15	1	24	1	0		20.05	20.23	20.47		
5+15	25	0	75	0	256-QAM	18.11	18.10	18.33	17.85	0.0610
5+15	1	0	1	74		14.62	14.76	15.33		
5+15	1	24	1	0		18.17	18.29	18.55		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	21.08	21.06	21.27	22.33	0.1710
10+5	1	0	1	24		12.74	12.70	13.15		
10+5	1	49	1	0		23.03	22.91	23.00		
10+5	50	0	25	0	16-QAM	20.10	20.10	20.27	21.83	0.1524
10+5	1	0	1	24		13.14	12.95	13.51		
10+5	1	49	1	0		22.38	22.40	22.53		
10+5	50	0	25	0	64-QAM	20.13	20.08	20.30	19.75	0.0944
10+5	1	0	1	24		13.01	13.03	13.47		
10+5	1	49	1	0		20.45	20.42	20.45		
10+5	50	0	25	0	256-QAM	18.11	18.06	18.37	17.82	0.0605
10+5	1	0	1	24		13.00	13.00	13.43		
10+5	1	49	1	0		18.52	18.42	18.47		
5+10	25	0	50	0	QPSK	21.18	21.06	21.35	22.45	0.1758
5+10	1	0	1	49		13.12	12.96	13.36		
5+10	1	24	1	0		23.15	23.00	23.14		
5+10	25	0	50	0	16-QAM	20.21	20.19	20.38	21.82	0.1521
5+10	1	0	1	49		13.51	13.46	13.75		
5+10	1	24	1	0		22.48	22.44	22.52		
5+10	25	0	50	0	64-QAM	20.24	20.18	20.40	19.77	0.0948
5+10	1	0	1	49		13.39	13.26	13.71		
5+10	1	24	1	0		20.47	20.34	20.36		
5+10	25	0	50	0	256-QAM	18.32	18.20	18.49	17.85	0.0610
5+10	1	0	1	49		13.39	13.25	13.66		
5+10	1	24	1	0		18.55	18.37	18.39		
5+5	25	0	25	0	QPSK	21.35	21.16	21.29	22.39	0.1734
5+5	1	0	1	24		13.12	12.95	13.31		
5+5	1	24	1	0		23.09	22.91	22.97		
5+5	25	0	25	0	16-QAM	20.29	20.12	20.35	21.81	0.1517
5+5	1	0	1	24		13.53	13.41	13.76		
5+5	1	24	1	0		22.46	22.51	22.36		
5+5	25	0	25	0	64-QAM	20.32	20.09	20.28	19.87	0.0971
5+5	1	0	1	24		13.46	13.37	13.72		
5+5	1	24	1	0		20.57	20.31	20.44		
5+5	25	0	25	0	256-QAM	18.30	18.09	18.36	17.74	0.0594
5+5	1	0	1	24		13.40	13.30	13.66		
5+5	1	24	1	0		18.44	18.39	18.41		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.02	21.07	21.17	22.60	0.1820
20+20	1	0	1	99		14.14	14.66	14.65		
20+20	1	99	1	0		23.30	23.15	23.22		
20+20	100	0	100	0	16-QAM	20.00	20.08	20.14	21.91	0.1552
20+20	1	0	1	99		14.58	15.03	15.07		
20+20	1	99	1	0		22.59	22.44	22.61		
20+20	100	0	100	0	64-QAM	20.00	20.08	20.14	19.88	0.0973
20+20	1	0	1	99		14.49	14.94	15.01		
20+20	1	99	1	0		20.58	20.40	20.50		
20+20	100	0	100	0	256-QAM	18.03	18.09	18.16	17.88	0.0614
20+20	1	0	1	99		14.41	14.92	14.92		
20+20	1	99	1	0		18.58	18.40	18.43		
20+15	100	0	75	0	QPSK	21.14	21.08	21.27	22.62	0.1828
20+15	1	0	1	74		14.32	14.72	14.75		
20+15	1	74	1	0		23.32	23.15	23.29		
20+15	100	0	75	0	16-QAM	20.10	20.10	20.26	22.01	0.1589
20+15	1	0	1	74		14.67	15.12	15.00		
20+15	1	74	1	0		22.71	22.50	22.53		
20+15	100	0	75	0	64-QAM	20.12	20.11	20.28	19.92	0.0982
20+15	1	0	1	74		14.62	15.04	15.14		
20+15	1	74	1	0		20.62	20.43	20.57		
20+15	100	0	75	0	256-QAM	18.14	18.17	18.30	17.88	0.0614
20+15	1	0	1	74		14.64	15.00	15.06		
20+15	1	74	1	0		18.58	18.53	18.50		
15+20	75	0	100	0	QPSK	21.00	21.02	21.18	22.58	0.1811
15+20	1	0	1	99		14.23	14.62	14.62		
15+20	1	74	1	0		23.28	23.18	23.21		
15+20	75	0	100	0	16-QAM	20.01	20.06	20.24	22.00	0.1585
15+20	1	0	1	99		14.59	15.04	15.41		
15+20	1	74	1	0		22.70	22.48	22.61		
15+20	75	0	100	0	64-QAM	20.00	20.10	20.21	19.95	0.0989
15+20	1	0	1	99		14.56	15.05	15.06		
15+20	1	74	1	0		20.65	20.55	20.61		
15+20	75	0	100	0	256-QAM	18.00	18.13	18.24	17.91	0.0618
15+20	1	0	1	99		14.47	14.97	15.01		
15+20	1	74	1	0		18.55	18.53	18.61		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.18	21.10	21.44	22.71	0.1866
20+10	1	0	1	49		14.44	14.77	14.71		
20+10	1	99	1	0		23.38	23.29	23.41		
20+10	100	0	50	0	16-QAM	20.19	20.15	20.46	22.06	0.1607
20+10	1	0	1	49		14.78	15.19	15.14		
20+10	1	99	1	0		22.76	22.58	22.72		
20+10	100	0	50	0	64-QAM	20.19	20.16	20.47	20.04	0.1009
20+10	1	0	1	49		14.77	15.02	15.14		
20+10	1	99	1	0		20.74	20.52	20.63		
20+10	100	0	50	0	256-QAM	18.21	18.16	18.46	18.02	0.0634
20+10	1	0	1	49		14.74	15.00	15.13		
20+10	1	99	1	0		18.72	18.52	18.68		
10+20	50	0	100	0	QPSK	21.03	21.14	21.24	22.58	0.1811
10+20	1	0	1	99		14.25	14.64	14.63		
10+20	1	49	1	0		23.28	23.20	23.21		
10+20	50	0	100	0	16-QAM	20.05	20.12	20.25	21.94	0.1563
10+20	1	0	1	99		14.64	14.87	15.00		
10+20	1	49	1	0		22.64	22.51	22.63		
10+20	50	0	100	0	64-QAM	20.05	20.13	20.26	19.93	0.0984
10+20	1	0	1	99		14.63	14.95	15.03		
10+20	1	49	1	0		20.63	20.52	20.52		
10+20	50	0	100	0	256-QAM	18.06	18.16	18.21	17.90	0.0617
10+20	1	0	1	99		14.56	14.95	15.00		
10+20	1	49	1	0		18.60	18.47	18.54		
20+5	100	0	25	0	QPSK	21.20	21.23	21.39	22.65	0.1841
20+5	1	0	1	24		14.49	14.70	14.81		
20+5	1	99	1	0		23.35	23.16	22.91		
20+5	100	0	25	0	16-QAM	20.17	20.22	20.41	22.01	0.1589
20+5	1	0	1	24		14.89	15.11	15.16		
20+5	1	99	1	0		22.71	22.60	22.47		
20+5	100	0	25	0	64-QAM	20.21	20.20	20.45	20.03	0.1007
20+5	1	0	1	24		14.82	15.11	15.24		
20+5	1	99	1	0		20.73	20.56	20.61		
20+5	100	0	25	0	256-QAM	18.21	18.23	18.49	17.99	0.0630
20+5	1	0	1	24		14.86	15.02	15.07		
20+5	1	99	1	0		18.69	18.54	18.60		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.7 dB)									
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.88	21.07	21.05	22.47	0.1766
5+20	1	0	1	99		14.11	14.40	14.64		
5+20	1	24	1	0		23.17	23.08	23.08		
5+20	25	0	100	0	16-QAM	19.94	20.11	20.17	21.81	0.1517
5+20	1	0	1	99		14.43	14.63	15.00		
5+20	1	24	1	0		22.51	22.44	22.48		
5+20	25	0	100	0	64-QAM	19.95	20.08	20.14	19.76	0.0946
5+20	1	0	1	99		14.35	14.72	15.00		
5+20	1	24	1	0		20.44	20.34	20.46		
5+20	25	0	100	0	256-QAM	18.00	18.06	18.17	17.79	0.0601
5+20	1	0	1	99		14.42	14.77	14.94		
5+20	1	24	1	0		18.44	18.35	18.49		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	20.98	21.17	21.38	22.72	0.1871
15+10	1	0	1	49		14.38	14.65	14.82		
15+10	1	74	1	0		23.27	23.16	23.42		
15+10	75	0	50	0	16-QAM	20.02	20.15	20.39	22.02	0.1592
15+10	1	0	1	49		14.85	14.95	15.17		
15+10	1	74	1	0		22.72	22.49	22.64		
15+10	75	0	50	0	64-QAM	20.08	20.16	20.41	19.97	0.0993
15+10	1	0	1	49		14.72	15.03	15.26		
15+10	1	74	1	0		20.67	20.56	20.66		
15+10	75	0	50	0	256-QAM	18.10	18.17	18.42	17.90	0.0617
15+10	1	0	1	49		14.67	15.00	15.26		
15+10	1	74	1	0		18.56	18.54	18.60		
10+15	50	0	75	0	QPSK	21.14	21.08	21.21	22.61	0.1824
10+15	1	0	1	74		14.40	14.61	14.75		
10+15	1	49	1	0		23.31	23.09	23.25		
10+15	50	0	75	0	16-QAM	20.17	20.08	20.28	21.92	0.1556
10+15	1	0	1	74		14.70	15.01	15.19		
10+15	1	49	1	0		22.60	22.37	22.62		
10+15	50	0	75	0	64-QAM	20.18	20.11	20.35	19.98	0.0995
10+15	1	0	1	74		14.71	14.85	15.02		
10+15	1	49	1	0		20.68	20.40	20.58		
10+15	50	0	75	0	256-QAM	18.18	18.12	18.30	17.94	0.0622
10+15	1	0	1	74		14.60	14.90	15.13		
10+15	1	49	1	0		18.64	18.51	18.44		
15+15	75	0	75	0	QPSK	21.14	21.12	21.24	22.63	0.1832
15+15	1	0	1	74		14.38	14.67	14.67		
15+15	1	74	1	0		23.33	23.11	23.27		
15+15	75	0	75	0	16-QAM	20.11	20.08	20.26	22.13	0.1633
15+15	1	0	1	74		14.79	15.13	15.21		
15+15	1	74	1	0		22.83	22.50	22.72		
15+15	75	0	75	0	64-QAM	20.16	20.14	20.31	19.92	0.0982
15+15	1	0	1	74		14.73	15.00	15.04		
15+15	1	74	1	0		20.62	20.42	20.59		
15+15	75	0	75	0	256-QAM	18.13	18.19	18.34	17.93	0.0621
15+15	1	0	1	74		14.73	15.03	15.01		
15+15	1	74	1	0		18.63	18.50	18.55		
Limit	EIRP < 1W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -4.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.31	20.17	20.08	16.90	0.0490
20+20	1	0	1	99		14.07	14.16	14.47		
20+20	1	99	1	0		21.10	20.90	21.03		
20+20	100	0	100	0	16-QAM	19.19	19.17	18.83	17.07	0.0509
20+20	1	0	1	99		14.56	14.54	14.52		
20+20	1	99	1	0		21.27	21.17	21.17		
20+20	100	0	100	0	64-QAM	19.18	19.12	18.81	15.14	0.0327
20+20	1	0	1	99		14.51	14.48	14.55		
20+20	1	99	1	0		19.34	19.19	19.32		
20+20	100	0	100	0	256-QAM	17.77	17.72	17.43	13.80	0.0240
20+20	1	0	1	99		14.43	14.48	14.34		
20+20	1	99	1	0		18.00	17.79	17.84		
20+15	100	0	75	0	QPSK	20.70	20.79	20.71	18.75	0.0750
20+15	1	0	1	74		14.27	14.41	14.15		
20+15	1	99	1	0		22.95	22.63	22.82		
20+15	100	0	75	0	16-QAM	19.70	19.78	19.70	17.97	0.0627
20+15	1	0	1	74		14.74	15.00	14.66		
20+15	1	99	1	0		22.14	21.91	22.17		
20+15	100	0	75	0	64-QAM	19.76	19.77	19.65	15.90	0.0389
20+15	1	0	1	74		14.57	14.74	14.62		
20+15	1	99	1	0		20.10	18.77	19.94		
20+15	100	0	75	0	256-QAM	17.70	19.95	17.69	15.75	0.0376
20+15	1	0	1	74		14.59	14.59	14.56		
20+15	1	99	1	0		18.03	17.82	18.05		
15+20	75	0	100	0	QPSK	20.65	20.82	20.39	18.69	0.0740
15+20	1	0	1	99		14.03	14.17	13.91		
15+20	1	74	1	0		22.89	22.62	22.71		
15+20	75	0	100	0	16-QAM	19.57	19.79	19.41	17.92	0.0619
15+20	1	0	1	99		14.44	14.57	14.36		
15+20	1	74	1	0		22.12	21.97	21.98		
15+20	75	0	100	0	64-QAM	19.63	19.79	19.44	15.89	0.0388
15+20	1	0	1	99		14.51	14.57	14.32		
15+20	1	74	1	0		20.09	19.93	19.63		
15+20	75	0	100	0	256-QAM	17.55	17.88	17.44	13.91	0.0246
15+20	1	0	1	99		14.45	14.63	14.36		
15+20	1	74	1	0		18.11	18.04	17.98		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -4.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	75	0	QPSK	20.84	20.73	21.03	18.84	0.0766
20+10	1	0	1	74		14.31	14.58	14.43		
20+10	1	99	1	0		23.04	22.58	23.04		
20+10	100	0	75	0	16-QAM	19.80	19.74	20.11	18.05	0.0638
20+10	1	0	1	74		14.62	14.91	14.82		
20+10	1	99	1	0		22.18	21.92	22.25		
20+10	100	0	75	0	64-QAM	19.78	19.75	20.09	16.00	0.0398
20+10	1	0	1	74		14.64	14.81	14.67		
20+10	1	99	1	0		20.13	19.87	20.20		
20+10	100	0	75	0	256-QAM	17.75	17.75	18.11	13.91	0.0246
20+10	1	0	1	74		14.67	14.93	14.80		
20+10	1	99	1	0		18.08	17.86	18.09		
10+20	75	0	100	0	QPSK	20.42	20.91	20.58	18.83	0.0764
10+20	1	0	1	99		13.91	14.22	14.01		
10+20	1	74	1	0		23.03	22.63	22.80		
10+20	75	0	100	0	16-QAM	19.43	19.88	19.57	18.12	0.0649
10+20	1	0	1	99		14.43	14.67	14.35		
10+20	1	74	1	0		22.32	22.00	22.02		
10+20	75	0	100	0	64-QAM	19.41	19.89	19.60	15.96	0.0394
10+20	1	0	1	99		14.33	14.90	14.34		
10+20	1	74	1	0		20.16	20.01	19.87		
10+20	75	0	100	0	256-QAM	17.40	17.94	17.60	13.83	0.0242
10+20	1	0	1	99		14.35	14.64	14.35		
10+20	1	74	1	0		18.03	18.02	17.96		
15+15	75	0	100	0	QPSK	20.71	20.85	20.91	18.90	0.0776
15+15	1	0	1	99		14.04	14.32	14.06		
15+15	1	74	1	0		23.10	22.51	22.85		
15+15	75	0	100	0	16-QAM	19.58	19.83	19.75	18.03	0.0635
15+15	1	0	1	99		14.50	14.87	14.63		
15+15	1	74	1	0		22.23	22.01	22.13		
15+15	75	0	100	0	64-QAM	19.57	19.82	19.76	15.96	0.0394
15+15	1	0	1	99		14.49	14.90	14.34		
15+15	1	74	1	0		20.16	19.91	19.84		
15+15	75	0	100	0	256-QAM	17.53	17.85	17.75	14.03	0.0253
15+15	1	0	1	99		14.53	14.85	14.52		
15+15	1	74	1	0		18.22	18.23	18.02		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -4.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	100	0	QPSK	20.57	20.81	20.90	18.84	0.0766
15+10	1	0	1	99		14.02	14.52	14.40		
15+10	1	74	1	0		23.04	22.56	22.88		
15+10	75	0	100	0	16-QAM	19.55	19.78	19.92	18.07	0.0641
15+10	1	0	1	99		14.37	15.03	15.06		
15+10	1	74	1	0		22.27	22.07	22.10		
15+10	75	0	100	0	64-QAM	19.59	19.80	19.98	15.97	0.0395
15+10	1	0	1	99		14.41	14.94	14.82		
15+10	1	74	1	0		20.17	20.00	20.09		
15+10	75	0	100	0	256-QAM	17.56	17.83	17.97	13.99	0.0251
15+10	1	0	1	99		14.45	15.04	14.85		
15+10	1	74	1	0		18.19	18.02	18.08		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -3.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.05	20.00	20.08	18.30	0.0676
20+20	1	0	1	99		13.63	13.80	13.91		
20+20	1	99	1	0		21.95	21.92	22.10		
20+20	100	0	100	0	16-QAM	19.08	19.05	19.15	17.81	0.0604
20+20	1	0	1	99		14.19	14.18	14.52		
20+20	1	99	1	0		21.52	21.29	21.61		
20+20	100	0	100	0	64-QAM	19.08	19.05	19.17	15.75	0.0376
20+20	1	0	1	99		14.25	14.25	14.41		
20+20	1	99	1	0		19.55	19.33	19.51		
20+20	100	0	100	0	256-QAM	17.07	17.09	17.17	13.57	0.0228
20+20	1	0	1	99		13.63	14.09	14.22		
20+20	1	99	1	0		16.92	17.18	17.37		
20+15	100	0	75	0	QPSK	20.00	20.00	20.16	18.30	0.0676
20+15	1	0	1	74		13.68	13.84	13.90		
20+15	1	99	1	0		21.92	21.92	22.10		
20+15	100	0	75	0	16-QAM	19.05	19.07	19.22	17.70	0.0589
20+15	1	0	1	74		14.17	14.32	14.40		
20+15	1	99	1	0		21.41	21.34	21.50		
20+15	100	0	75	0	64-QAM	19.06	19.07	19.20	15.82	0.0382
20+15	1	0	1	74		14.14	14.29	14.54		
20+15	1	99	1	0		19.44	19.35	19.62		
20+15	100	0	75	0	256-QAM	17.06	17.10	17.21	13.54	0.0226
20+15	1	0	1	74		13.98	14.18	14.21		
20+15	1	99	1	0		17.34	17.27	17.30		
15+20	75	0	100	0	QPSK	20.00	20.08	13.92	18.26	0.0670
15+20	1	0	1	99		13.75	13.87	22.06		
15+20	1	74	1	0		22.01	21.96	19.19		
15+20	75	0	100	0	16-QAM	19.06	19.10	14.57	17.85	0.0610
15+20	1	0	1	99		14.27	14.34	21.64		
15+20	1	74	1	0		21.65	21.44	19.21		
15+20	75	0	100	0	64-QAM	19.08	19.14	14.59	15.88	0.0387
15+20	1	0	1	99		14.04	14.27	19.68		
15+20	1	74	1	0		19.46	19.35	17.20		
15+20	75	0	100	0	256-QAM	17.07	17.15	14.03	13.56	0.0227
15+20	1	0	1	99		13.97	14.14	17.12		
15+20	1	74	1	0		17.36	17.29	-		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -3.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.06	20.03	20.21	18.39	0.0690
20+10	1	0	1	49		13.80	13.87	13.98		
20+10	1	99	1	0		22.00	21.94	22.19		
20+10	100	0	50	0	16-QAM	19.11	19.11	19.27	17.92	0.0619
20+10	1	0	1	49		14.13	14.29	14.64		
20+10	1	99	1	0		21.37	21.34	21.72		
20+10	100	0	50	0	64-QAM	19.12	19.13	19.25	15.95	0.0394
20+10	1	0	1	49		14.18	14.36	14.64		
20+10	1	99	1	0		19.44	19.40	19.75		
20+10	100	0	50	0	256-QAM	17.14	17.17	17.31	13.71	0.0235
20+10	1	0	1	49		13.93	14.21	14.30		
20+10	1	99	1	0		17.23	17.23	17.51		
10+20	50	0	100	0	QPSK	20.15	20.14	20.27	18.30	0.0676
10+20	1	0	1	99		13.85	13.94	14.05		
10+20	1	49	1	0		22.03	21.95	22.10		
10+20	50	0	100	0	16-QAM	19.16	19.18	19.29	17.84	0.0608
10+20	1	0	1	99		14.42	14.61	14.68		
10+20	1	49	1	0		21.64	21.56	21.62		
10+20	50	0	100	0	64-QAM	19.20	19.19	19.29	15.86	0.0385
10+20	1	0	1	99		14.39	14.48	14.59		
10+20	1	49	1	0		19.66	19.47	19.58		
10+20	50	0	100	0	256-QAM	17.21	17.22	17.33	13.65	0.0232
10+20	1	0	1	99		13.78	14.33	14.52		
10+20	1	49	1	0		17.11	17.31	17.45		
20+5	100	0	25	0	QPSK	20.06	20.02	20.37	18.49	0.0706
20+5	1	0	1	24		13.84	13.91	14.12		
20+5	1	99	1	0		21.98	22.00	22.29		
20+5	100	0	25	0	16-QAM	19.14	19.08	19.40	17.87	0.0612
20+5	1	0	1	24		14.32	14.32	14.58		
20+5	1	99	1	0		21.42	21.38	21.67		
20+5	100	0	25	0	64-QAM	19.13	19.10	19.38	16.01	0.0399
20+5	1	0	1	24		14.41	14.31	14.72		
20+5	1	99	1	0		19.58	19.36	19.81		
20+5	100	0	25	0	256-QAM	17.15	17.15	17.41	13.68	0.0233
20+5	1	0	1	24		13.88	14.16	14.34		
20+5	1	99	1	0		17.04	17.28	17.48		
Limit	EIRP < 2W					Result			Pass	

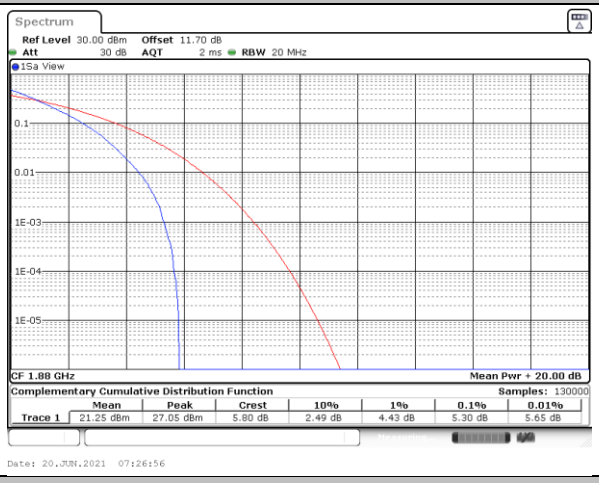
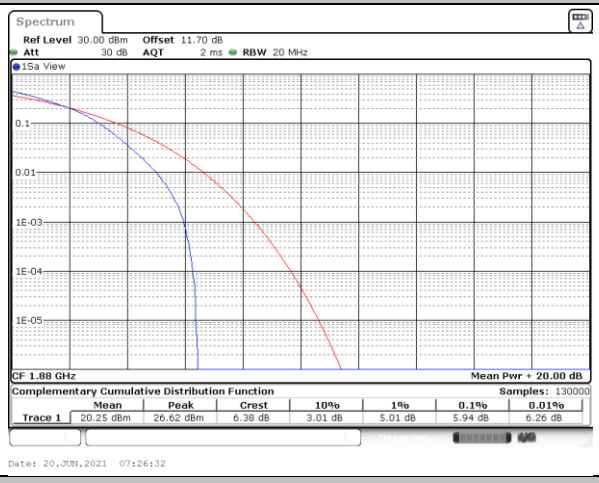
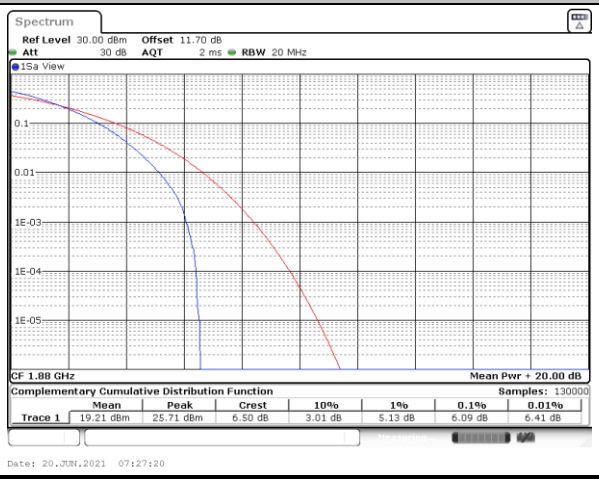
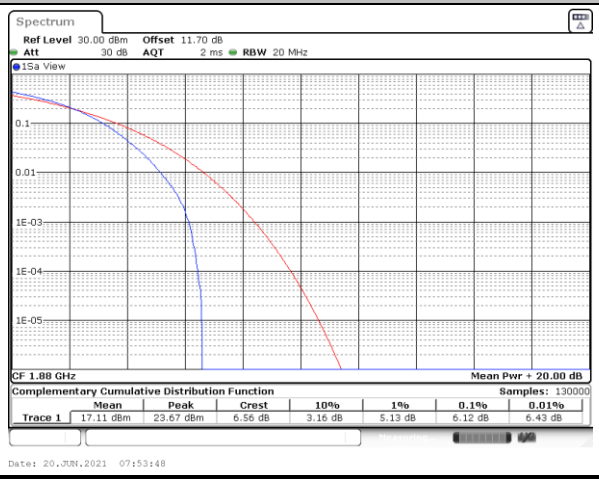
LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -3.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.25	20.19	19.95	18.28	0.0673
5+20	1	0	1	99		14.04	13.94	13.78		
5+20	1	24	1	0		22.08	21.95	21.80		
5+20	25	0	100	0	16-QAM	19.30	19.23	19.04	17.76	0.0597
5+20	1	0	1	99		14.52	14.43	14.42		
5+20	1	24	1	0		21.43	21.56	21.32		
5+20	25	0	100	0	64-QAM	19.30	19.24	18.97	15.91	0.0390
5+20	1	0	1	99		14.54	14.63	14.41		
5+20	1	24	1	0		19.71	19.65	19.37		
5+20	25	0	100	0	256-QAM	17.37	17.30	17.06	13.86	0.0243
5+20	1	0	1	99		14.17	14.20	13.83		
5+20	1	24	1	0		17.19	17.66	16.79		
15+10	75	0	50	0	QPSK	20.19	20.19	19.97	18.22	0.0664
15+10	1	0	1	49		14.06	14.00	13.78		
15+10	1	74	1	0		22.00	22.02	21.89		
15+10	75	0	50	0	16-QAM	19.21	19.20	19.01	17.63	0.0579
15+10	1	0	1	49		14.55	14.41	14.21		
15+10	1	74	1	0		21.41	21.43	21.25		
15+10	75	0	50	0	64-QAM	19.23	19.24	19.04	15.72	0.0373
15+10	1	0	1	49		14.49	14.48	14.23		
15+10	1	74	1	0		19.52	19.49	19.26		
15+10	75	0	50	0	256-QAM	17.22	17.23	17.03	13.53	0.0225
15+10	1	0	1	49		14.38	14.29	14.30		
15+10	1	74	1	0		17.33	17.33	17.11		
10+15	50	0	75	0	QPSK	20.24	20.23	20.04	18.27	0.0671
10+15	1	0	1	74		14.11	14.05	13.83		
10+15	1	49	1	0		22.07	22.05	21.89		
10+15	50	0	75	0	16-QAM	19.25	19.20	19.01	17.84	0.0608
10+15	1	0	1	74		14.67	14.55	14.33		
10+15	1	49	1	0		21.64	21.42	21.27		
10+15	50	0	75	0	64-QAM	19.28	19.26	19.06	15.89	0.0388
10+15	1	0	1	74		14.54	14.73	14.33		
10+15	1	49	1	0		19.52	19.69	19.37		
10+15	50	0	75	0	256-QAM	17.32	17.30	17.10	13.67	0.0233
10+15	1	0	1	74		14.39	14.30	14.17		
10+15	1	49	1	0		17.47	17.31	17.21		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -3.8 dB)										
15+15	75	0	75	0	QPSK	20.23	20.23	20.06	18.26	0.0670
15+15	1	0	1	74		14.47	14.02	13.80		
15+15	1	74	1	0		22.03	22.06	21.90		
15+15	75	0	75	0	16-QAM	19.25	19.26	19.06	17.77	0.0598
15+15	1	0	1	74		14.44	14.25	14.43		
15+15	1	74	1	0		21.57	21.28	21.42		
15+15	75	0	75	0	64-QAM	19.27	19.27	19.08	15.66	0.0368
15+15	1	0	1	74		14.40	14.45	14.39		
15+15	1	74	1	0		19.38	19.46	19.40		
15+15	75	0	75	0	256-QAM	17.23	17.26	17.05	13.50	0.0224
15+15	1	0	1	74		14.13	14.11	14.18		
15+15	1	74	1	0		17.06	17.05	17.30		
Limit	EIRP < 2W					Result			Pass	

LTE Band 2

Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.30	5.94	6.09	6.12	PASS

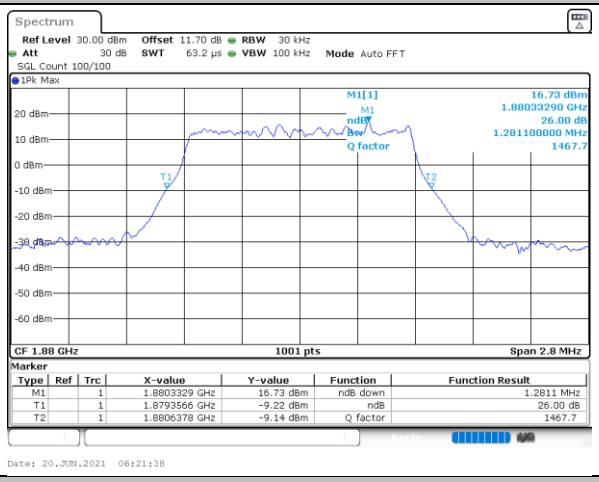
LTE Band 2 / 20MHz / QPSK	LTE Band 2 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 2 / 20MHz / 64QAM	LTE Band 2 / 20MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

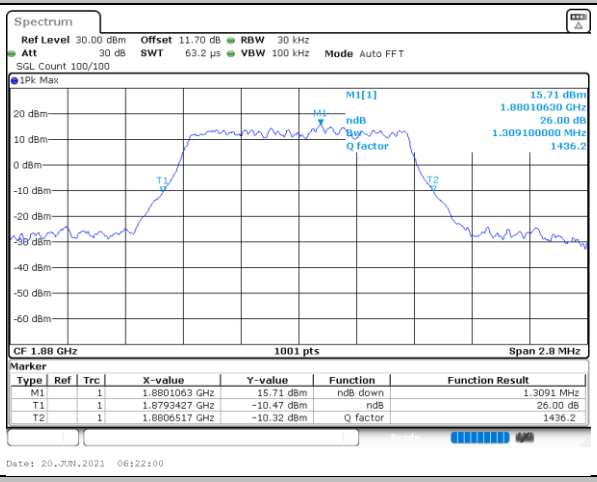
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.28	1.31	3.16	3.12	5.08	5.09	9.77	10.05	14.90	14.54	19.78	18.98
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.30	1.30	3.07	3.11	5.13	5.24	9.65	9.69	14.78	14.18	19.10	19.06

LTE Band 2

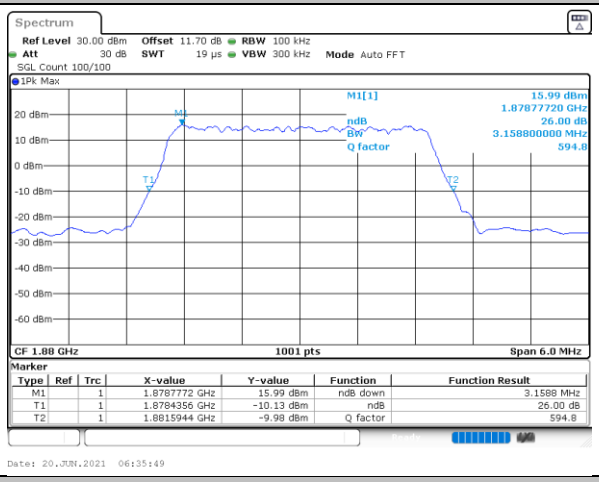
Middle Channel / 1.4MHz / QPSK



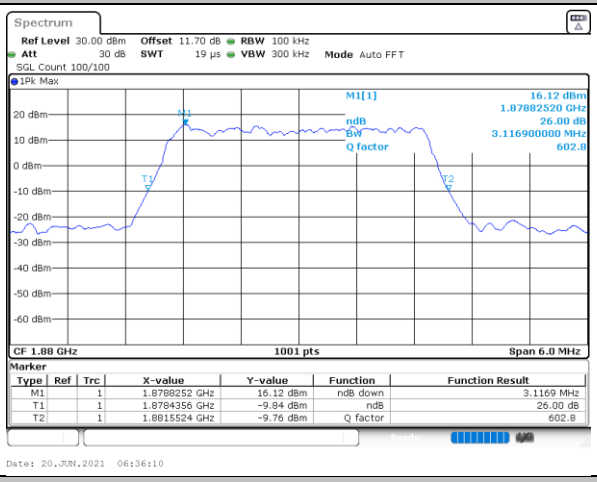
Middle Channel / 1.4MHz / 16QAM



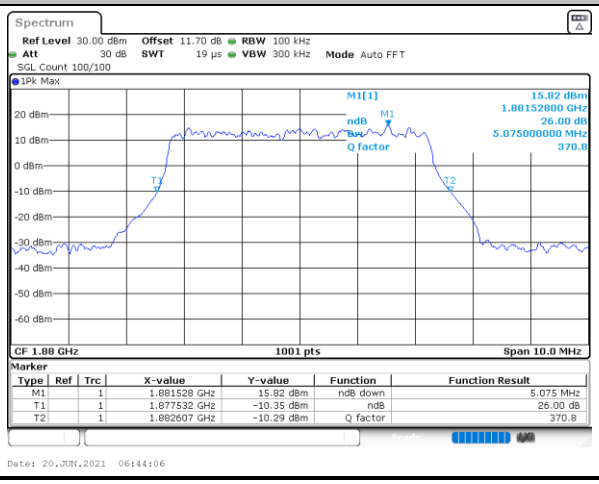
Middle Channel / 3MHz / QPSK



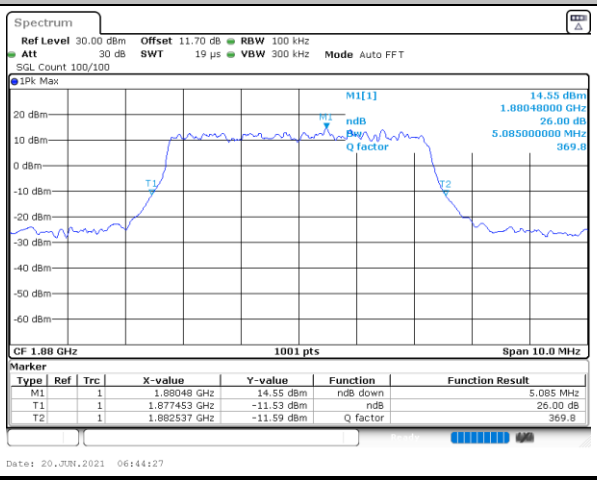
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

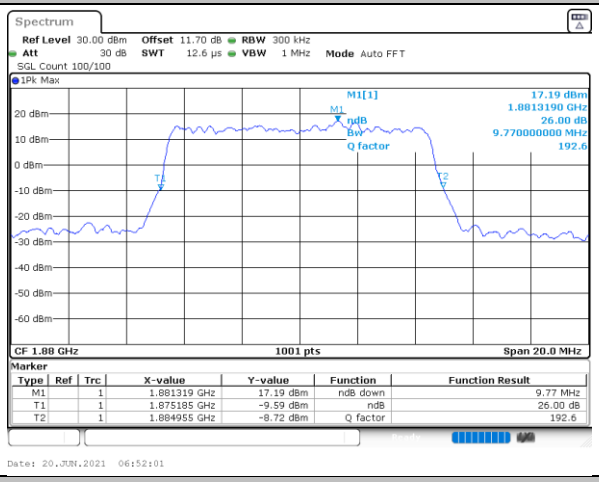


Middle Channel / 5MHz / 16QAM

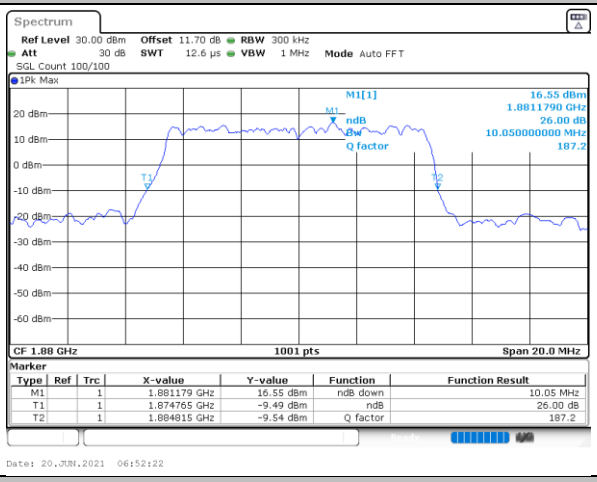


LTE Band 2

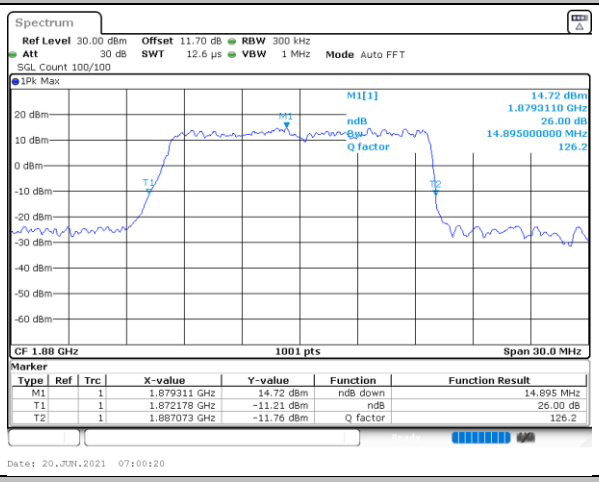
Middle Channel / 10MHz / QPSK



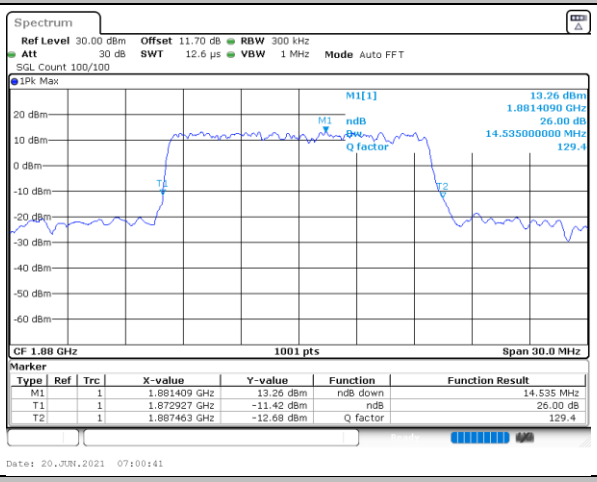
Middle Channel / 10MHz / 16QAM



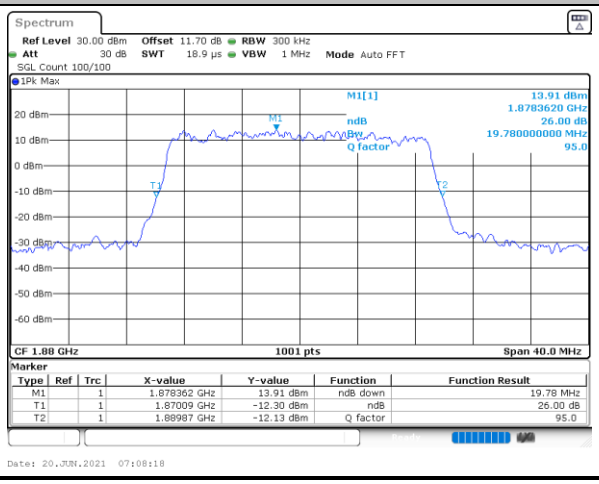
Middle Channel / 15MHz / QPSK



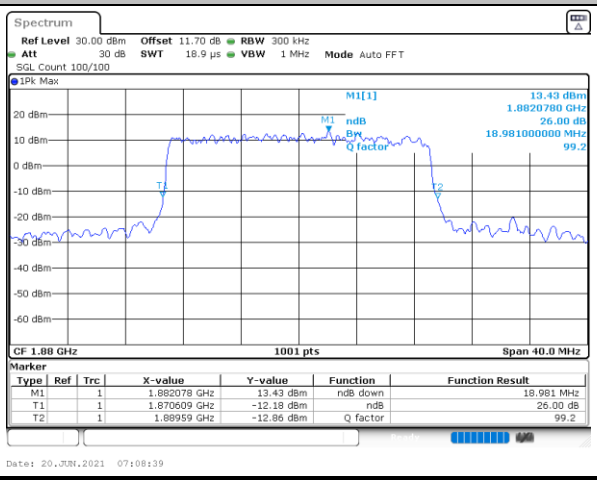
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

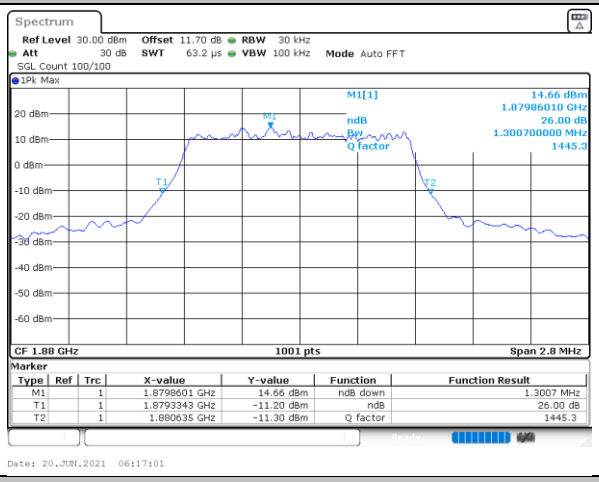


Middle Channel / 20MHz / 16QAM

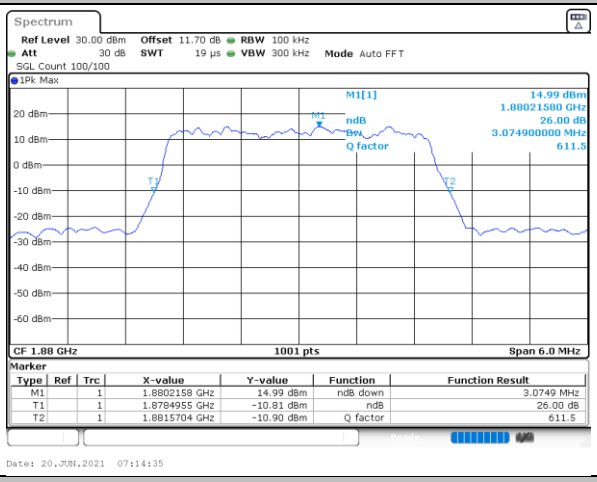


LTE Band 2

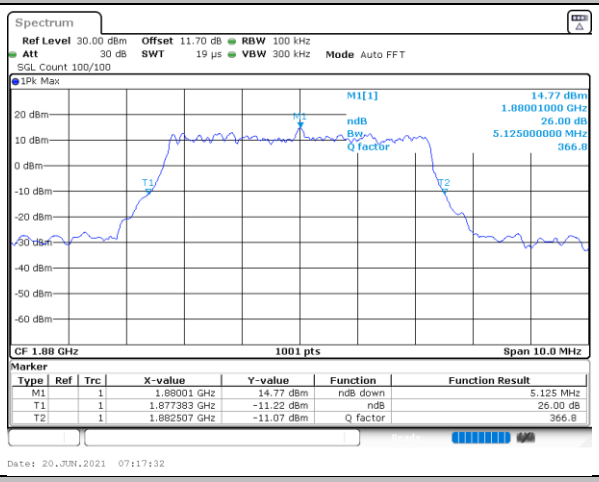
Middle Channel / 1.4MHz / 64QAM



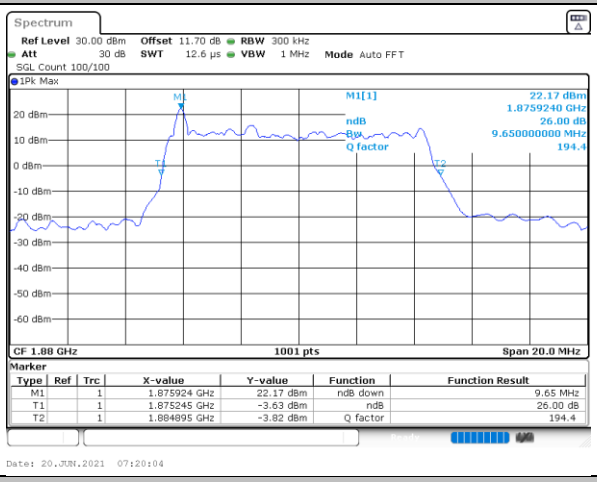
Middle Channel / 3MHz / 64QAM



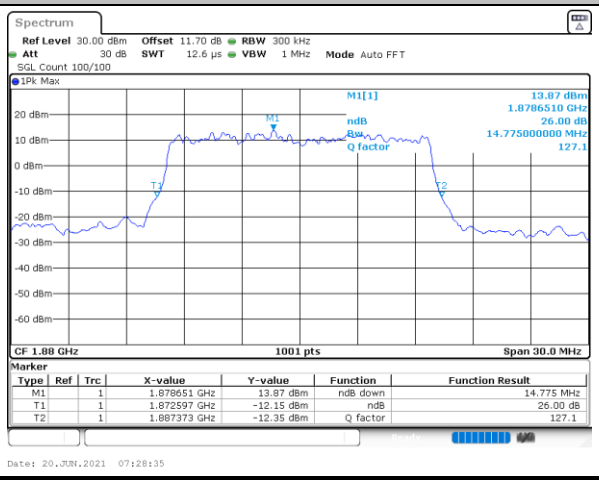
Middle Channel / 5MHz / 64QAM



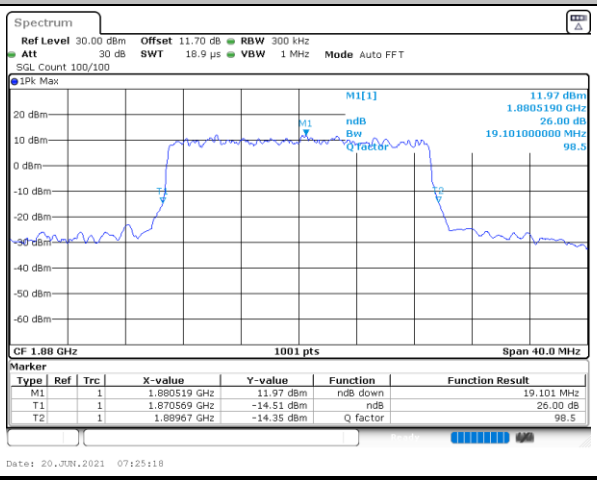
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

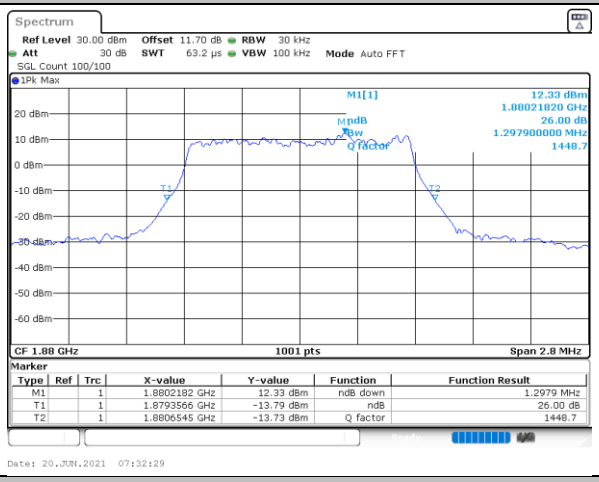


Middle Channel / 20MHz / 64QAM

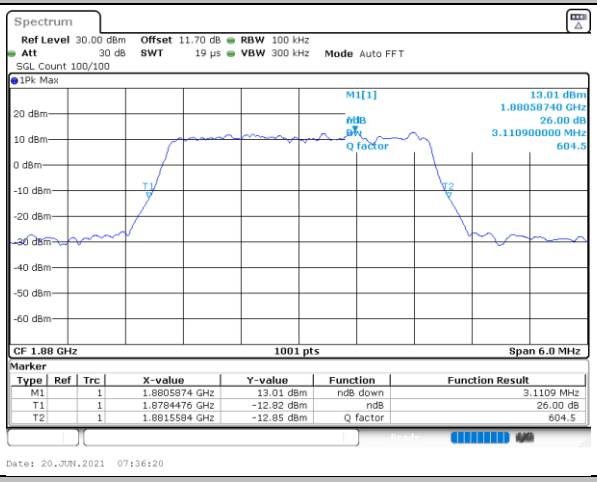


LTE Band 2

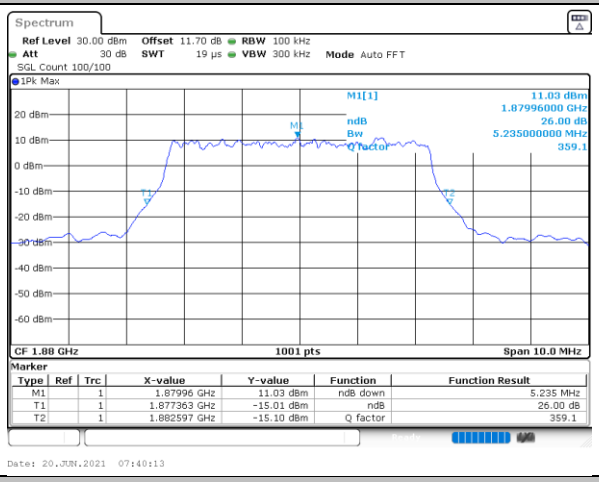
Middle Channel / 1.4MHz / 256QAM



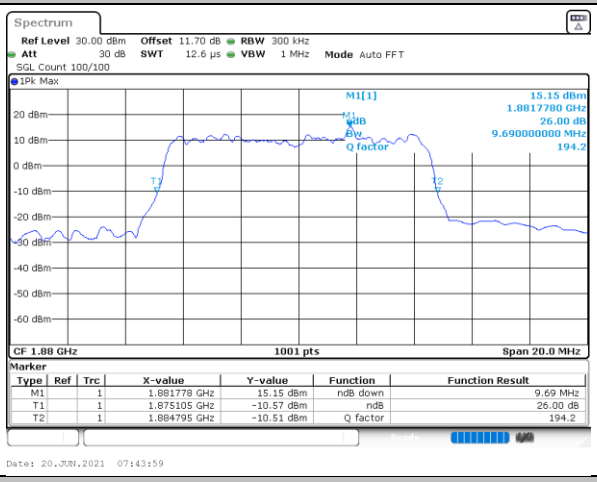
Middle Channel / 3MHz / 256QAM



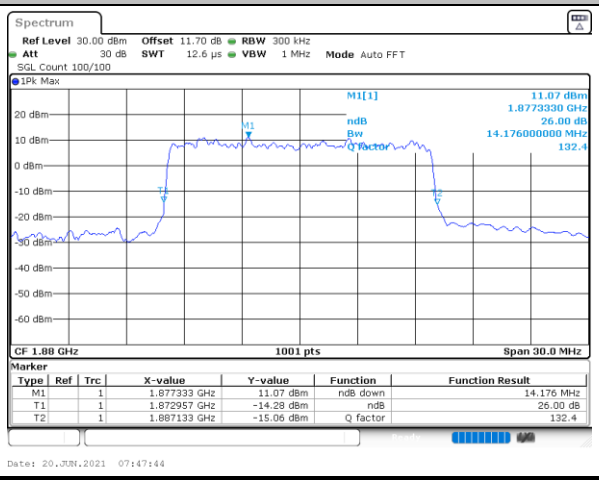
Middle Channel / 5MHz / 256QAM



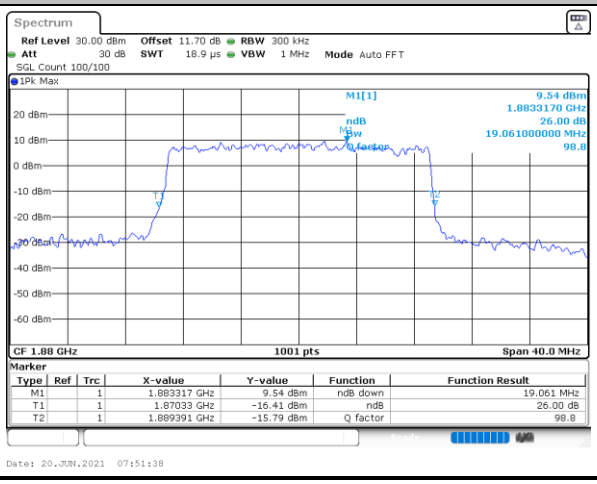
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

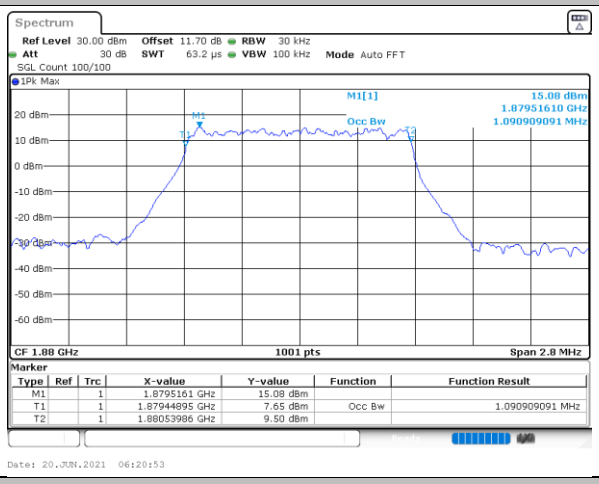


Occupied Bandwidth

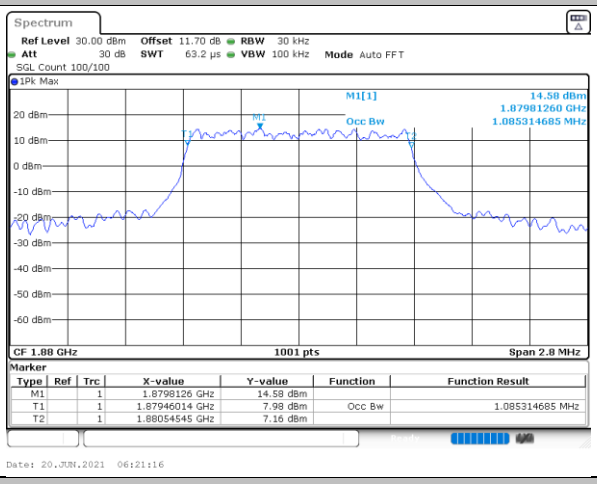
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.75	2.75	4.54	4.52	9.09	9.07	13.49	13.52	17.86	17.90
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.10	1.09	2.73	2.70	4.50	4.49	9.13	9.19	13.46	13.52	17.82	17.86

LTE Band 2

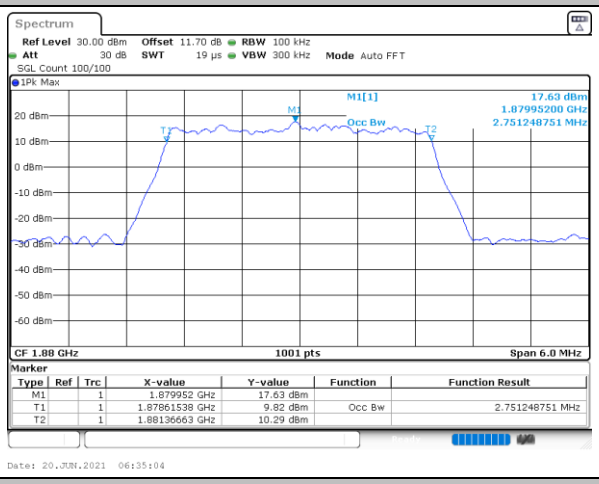
Middle Channel / 1.4MHz / QPSK



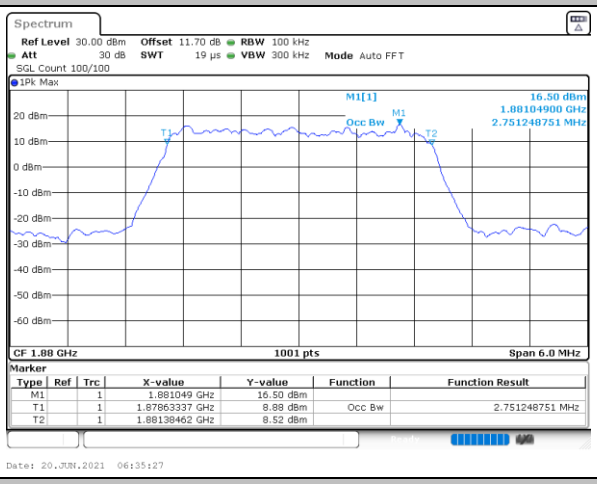
Middle Channel / 1.4MHz / 16QAM



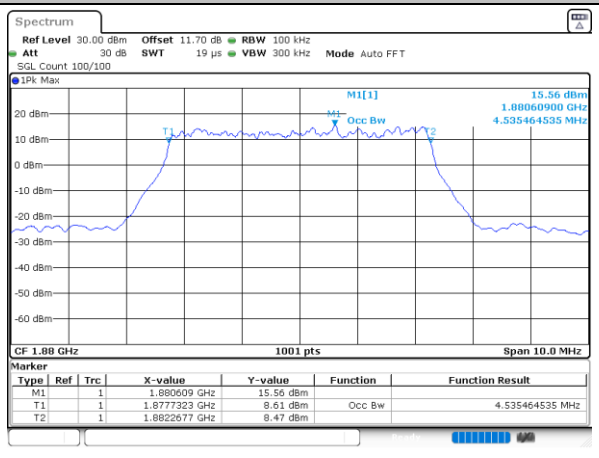
Middle Channel / 3MHz / QPSK



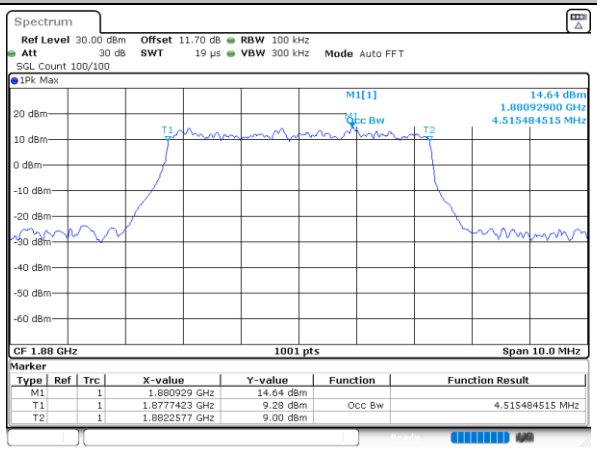
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

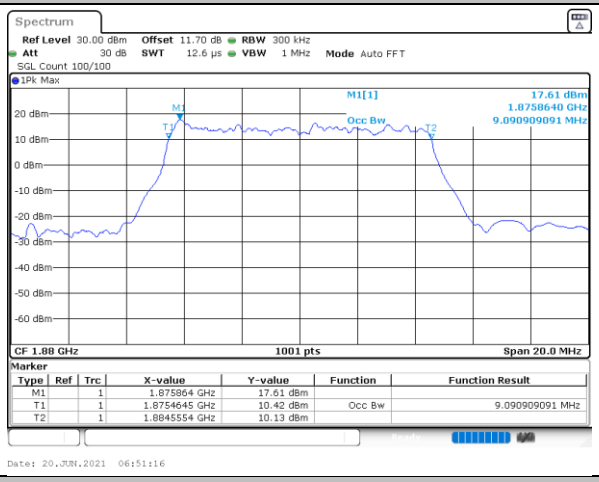


Middle Channel / 5MHz / 16QAM

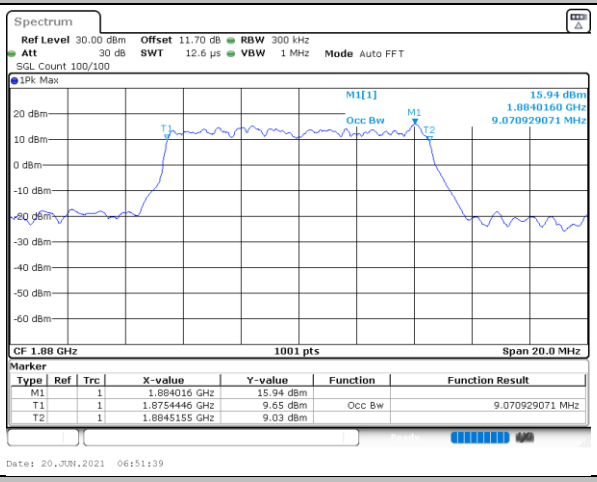


LTE Band 2

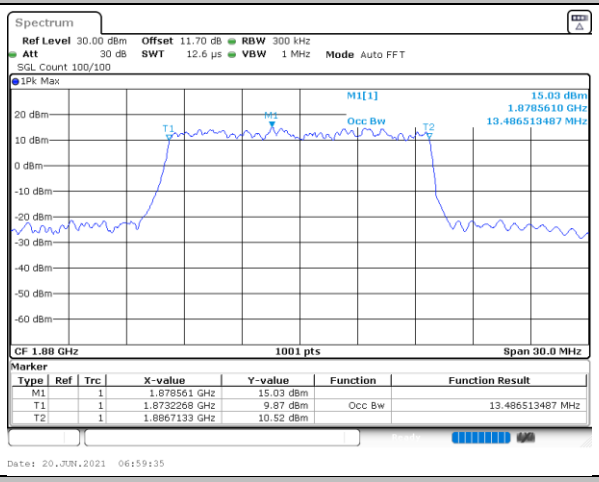
Middle Channel / 10MHz / QPSK



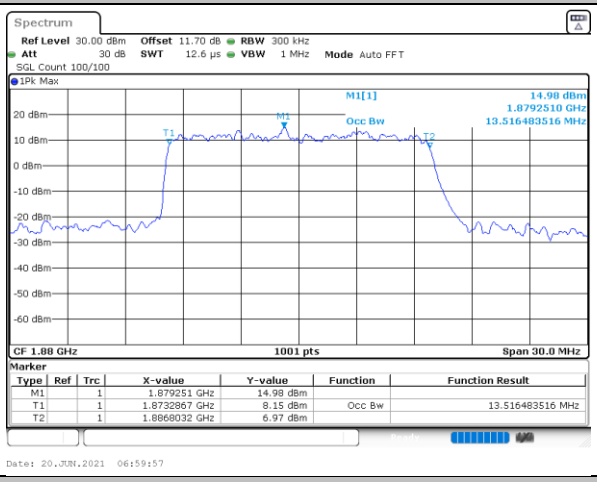
Middle Channel / 10MHz / 16QAM



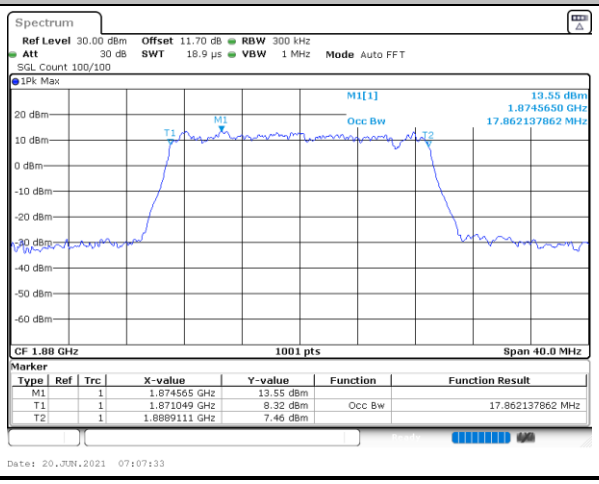
Middle Channel / 15MHz / QPSK



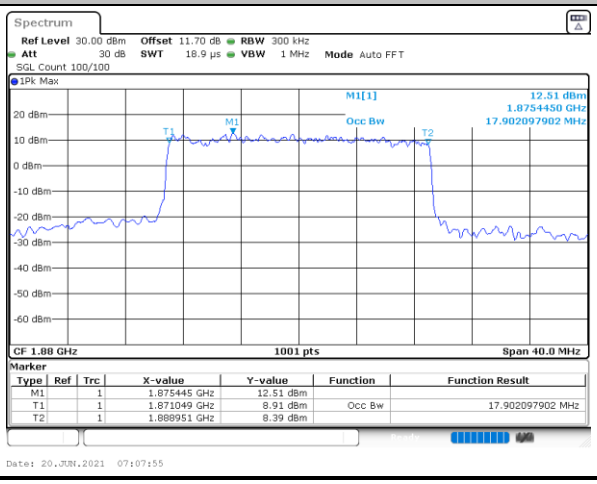
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

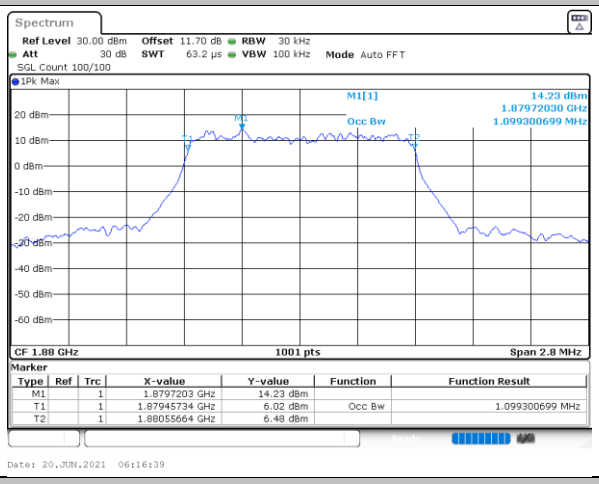


Middle Channel / 20MHz / 16QAM

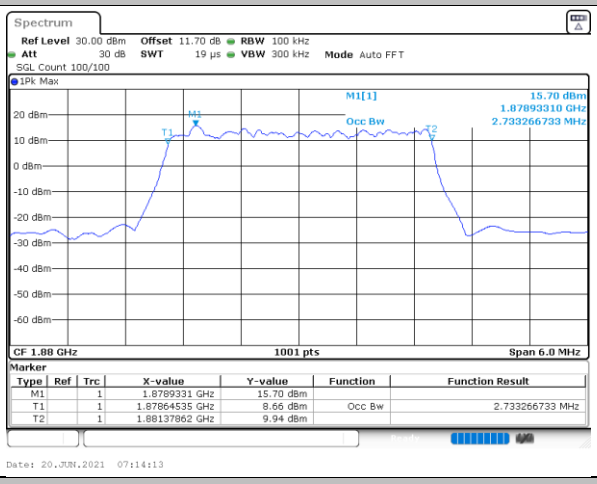


LTE Band 2

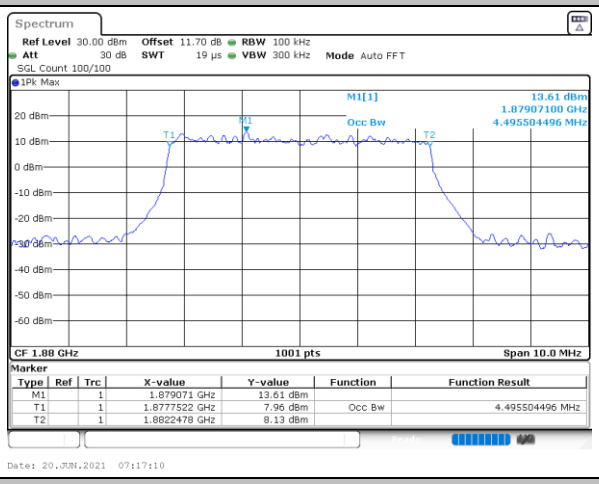
Middle Channel / 1.4MHz / 64QAM



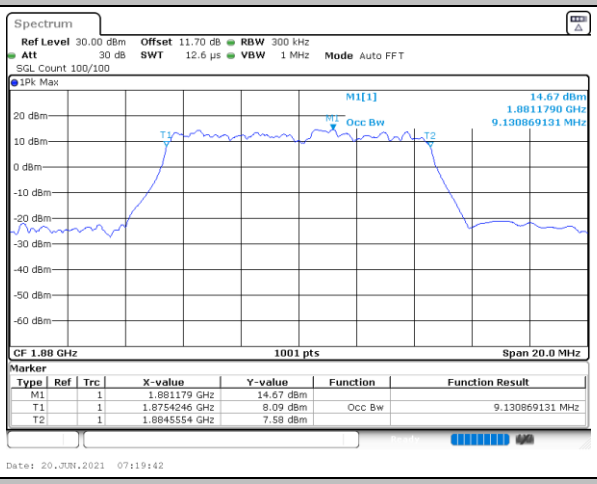
Middle Channel / 3MHz / 64QAM



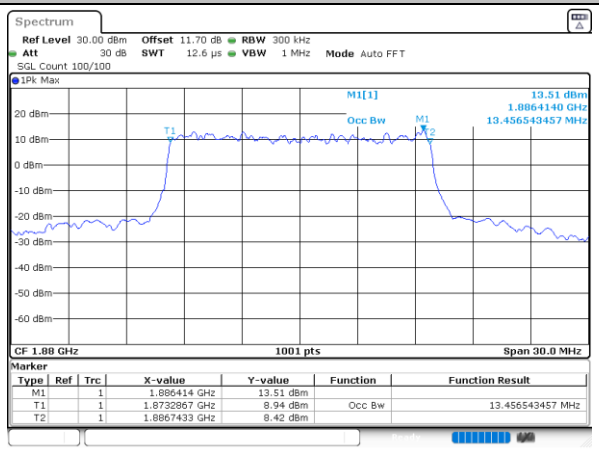
Middle Channel / 5MHz / 64QAM



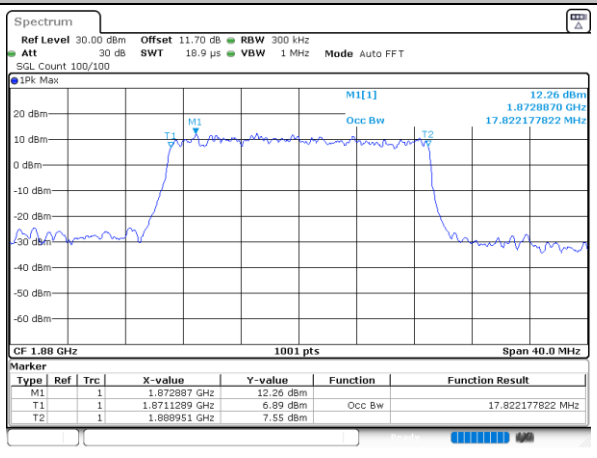
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

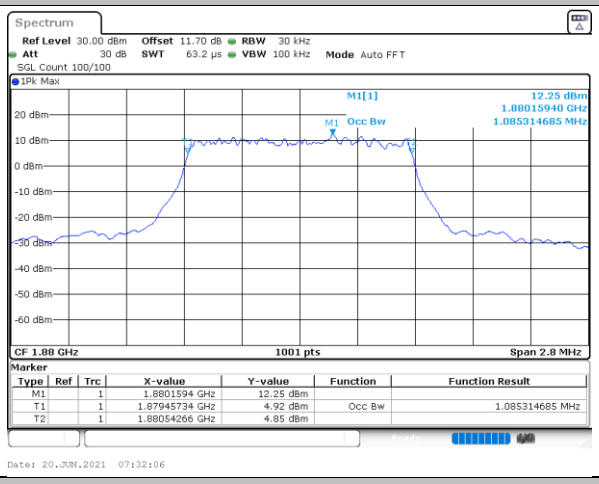


Middle Channel / 20MHz / 64QAM

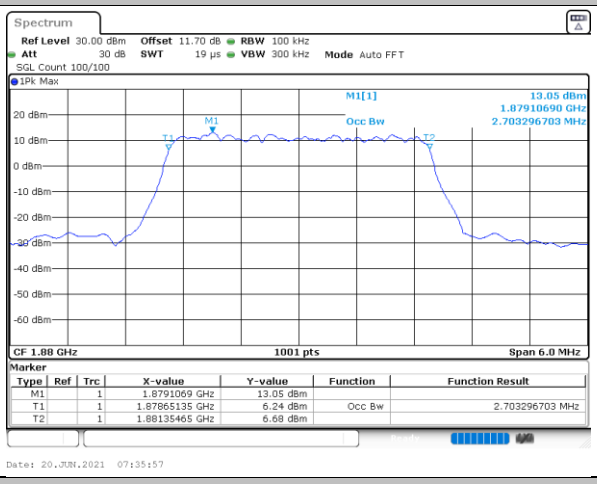


LTE Band 2

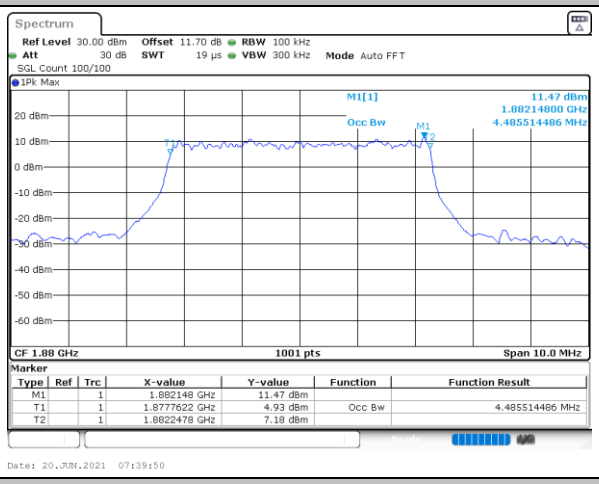
Middle Channel / 1.4MHz / 256QAM



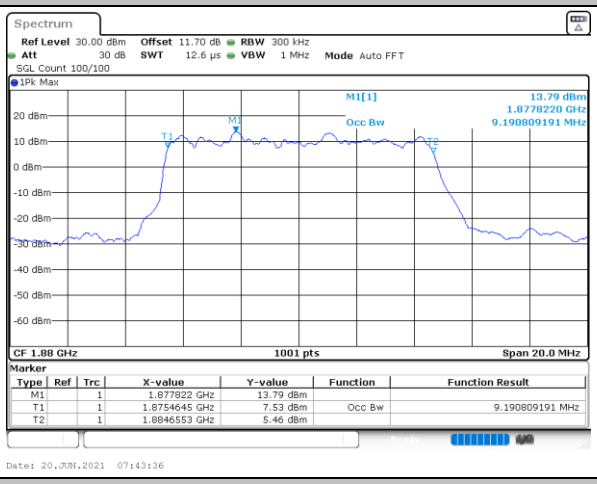
Middle Channel / 3MHz / 256QAM



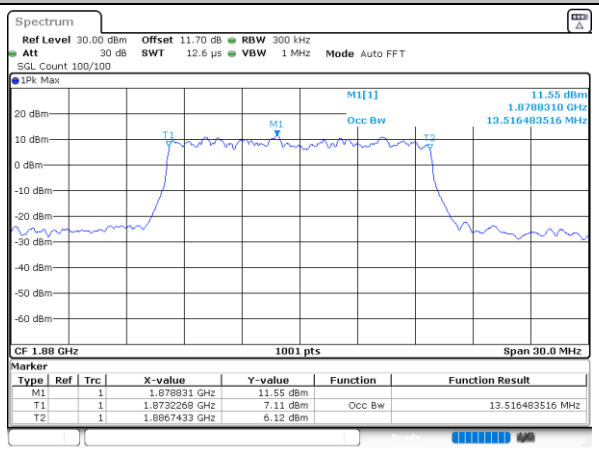
Middle Channel / 5MHz / 256QAM



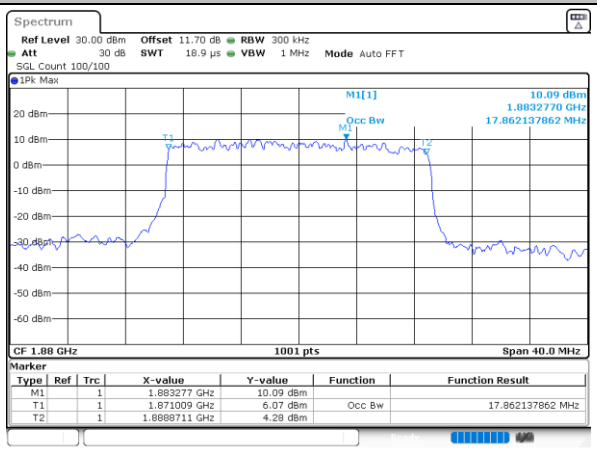
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



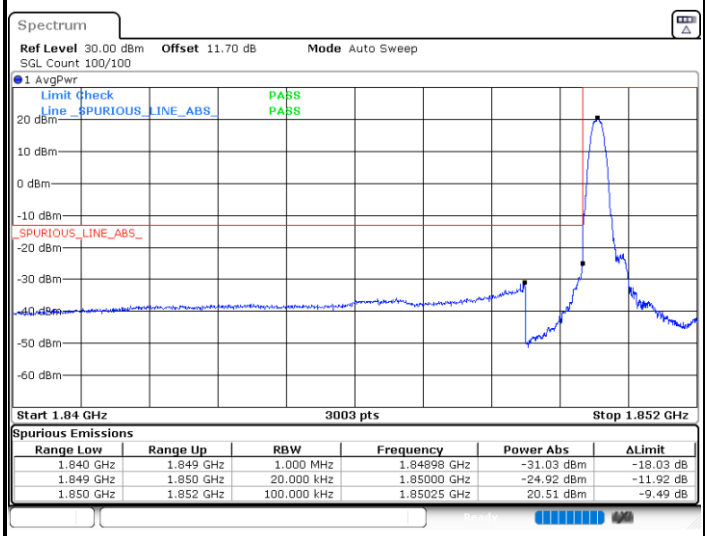
Middle Channel / 20MHz / 256QAM



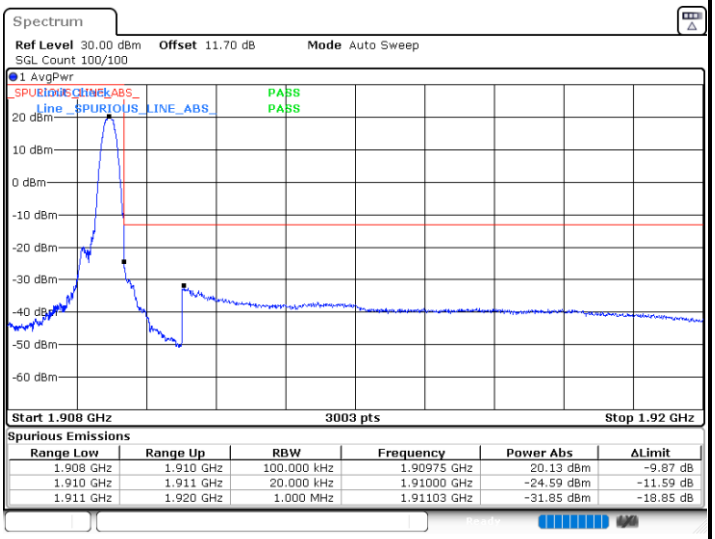
Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

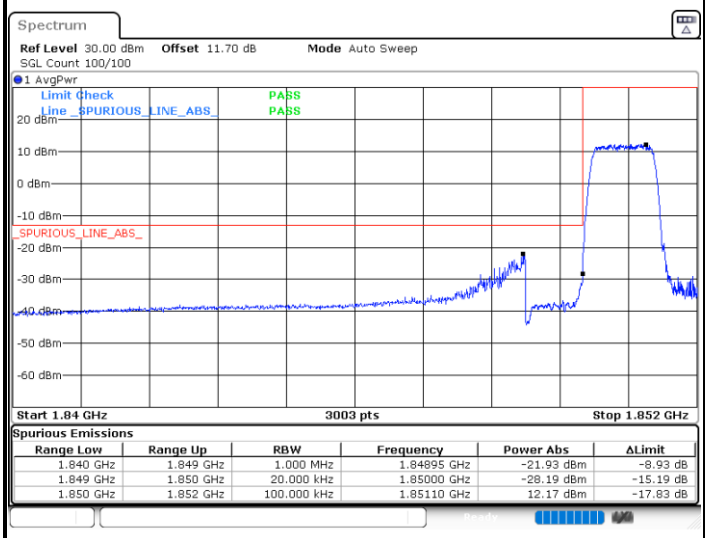
Lowest Band Edge / 1RB



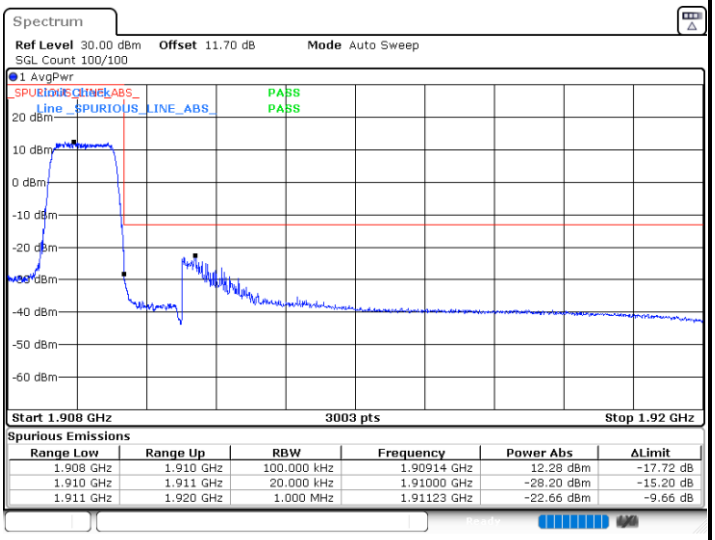
Highest Band Edge / 1RB



Lowest Band Edge / Full RB

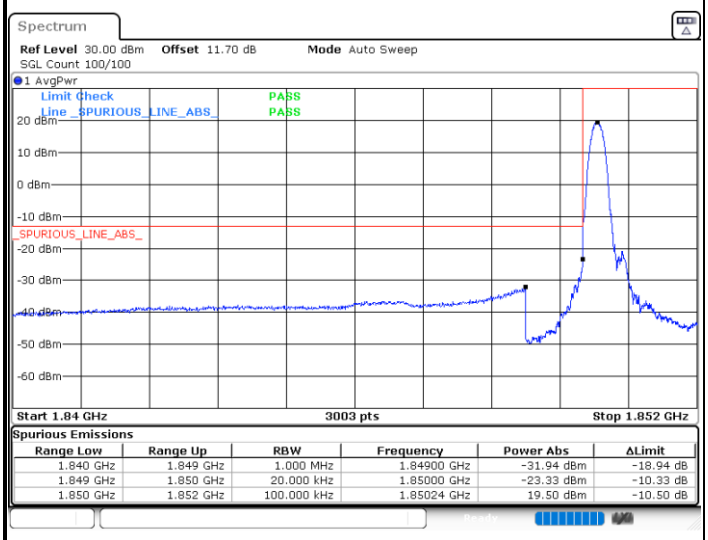


Highest Band Edge / Full RB

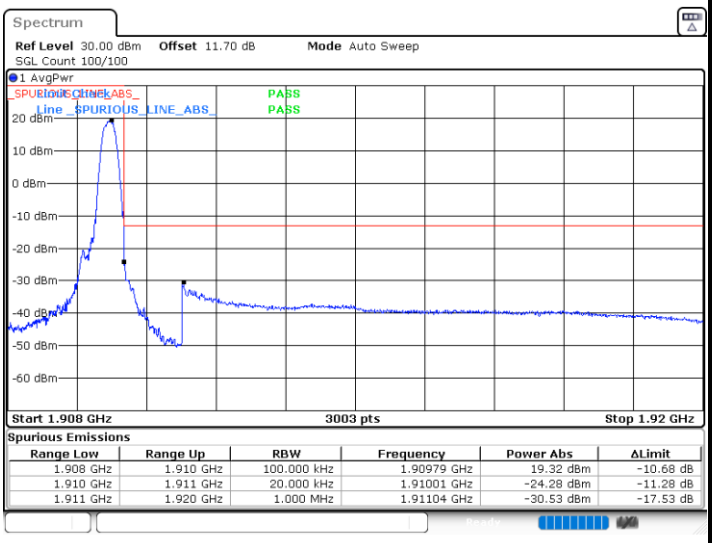


LTE Band 2 / 1.4MHz / 16QAM

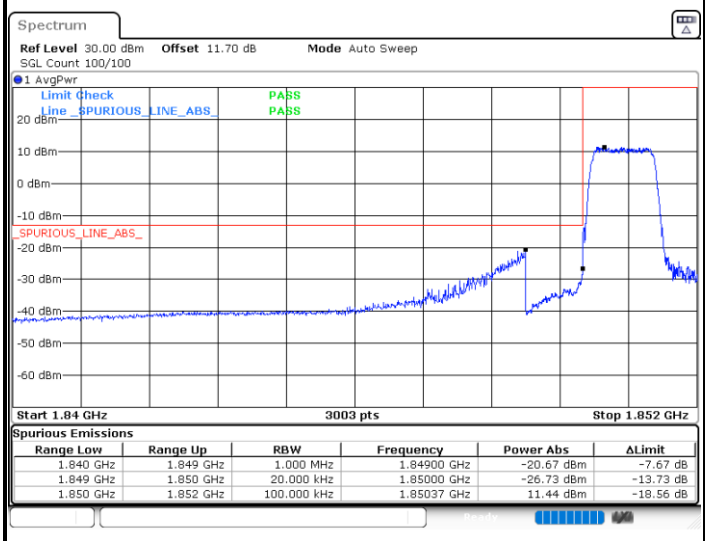
Lowest Band Edge / 1 RB



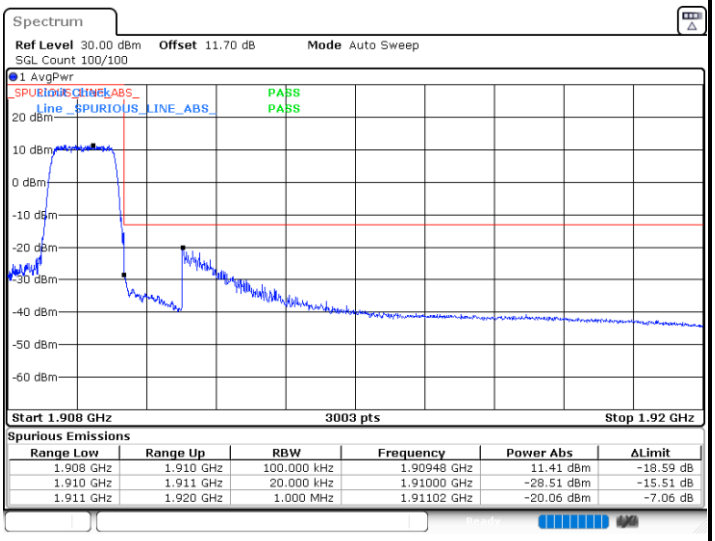
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

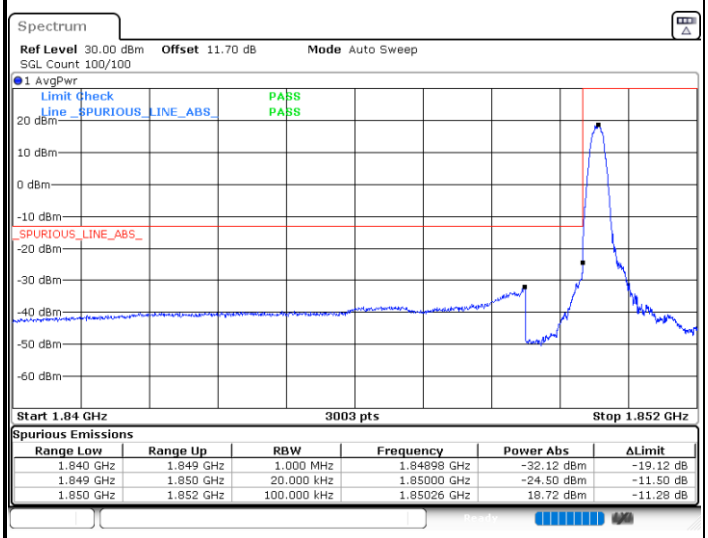


Highest Band Edge / Full RB

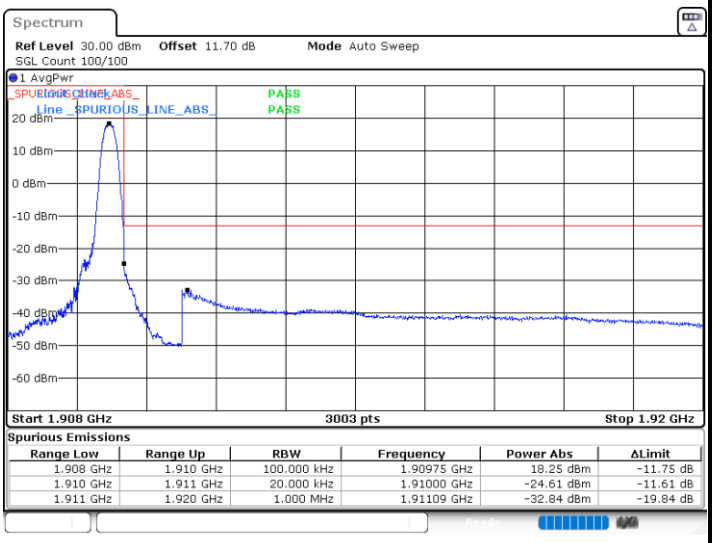


LTE Band 2 / 1.4MHz / 64QAM

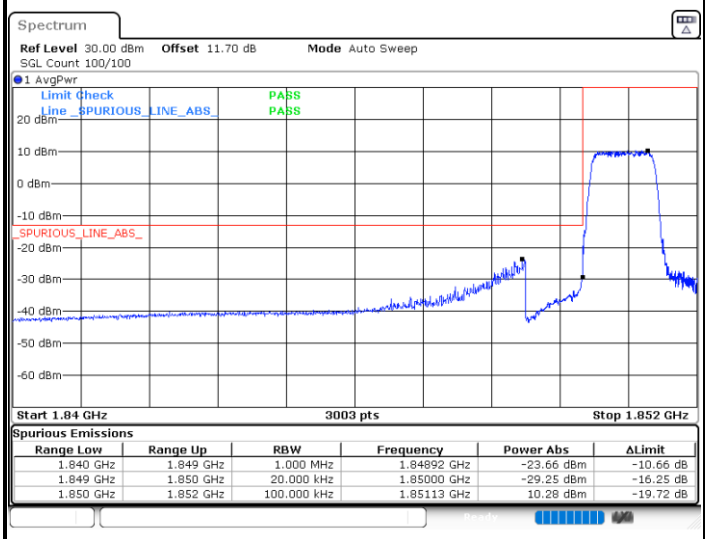
Lowest Band Edge / 1 RB



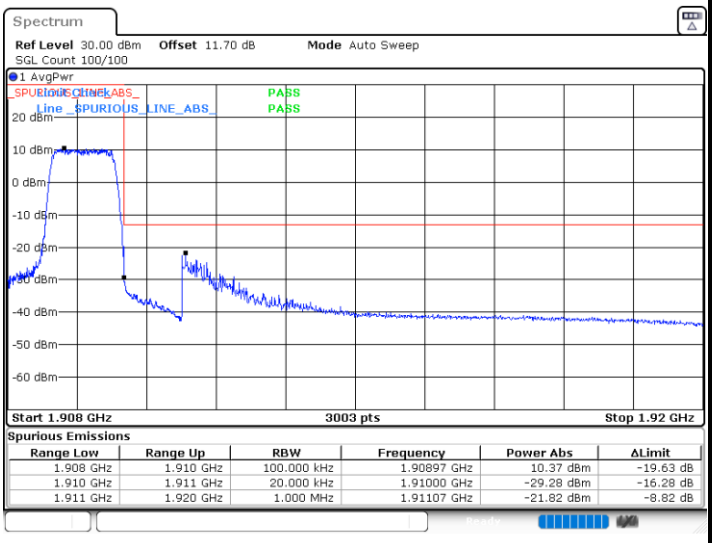
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

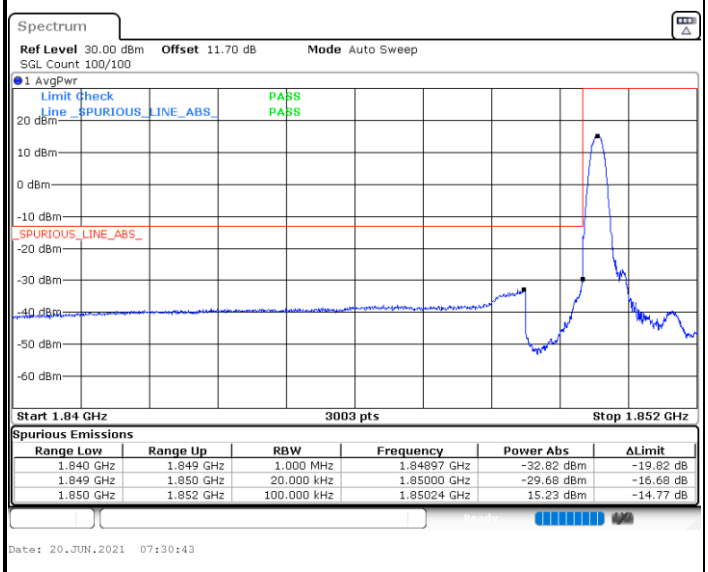


Highest Band Edge / Full RB

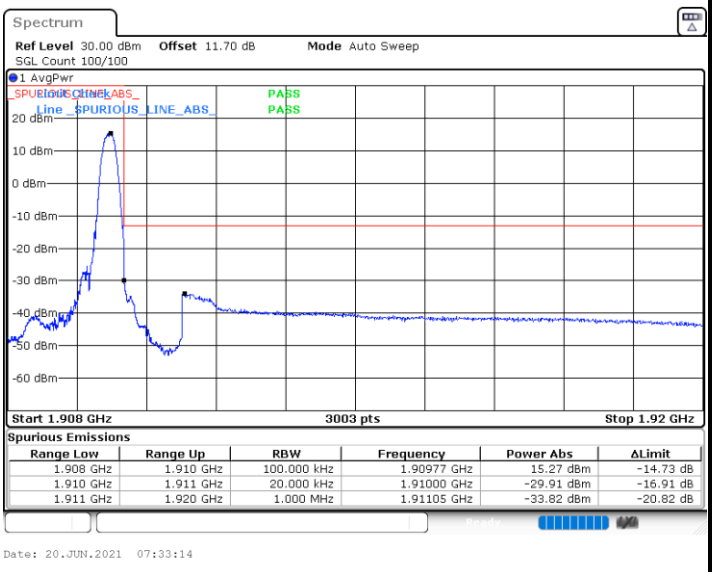


LTE Band 2 / 1.4MHz / 256QAM

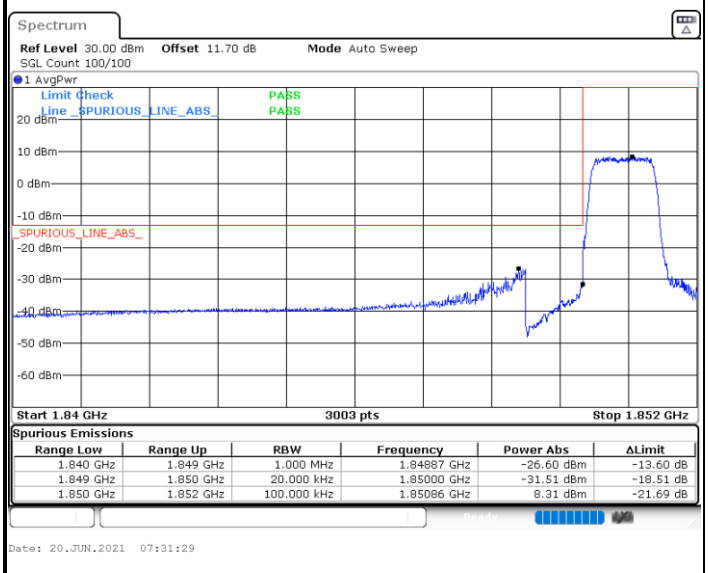
Lowest Band Edge / 1 RB



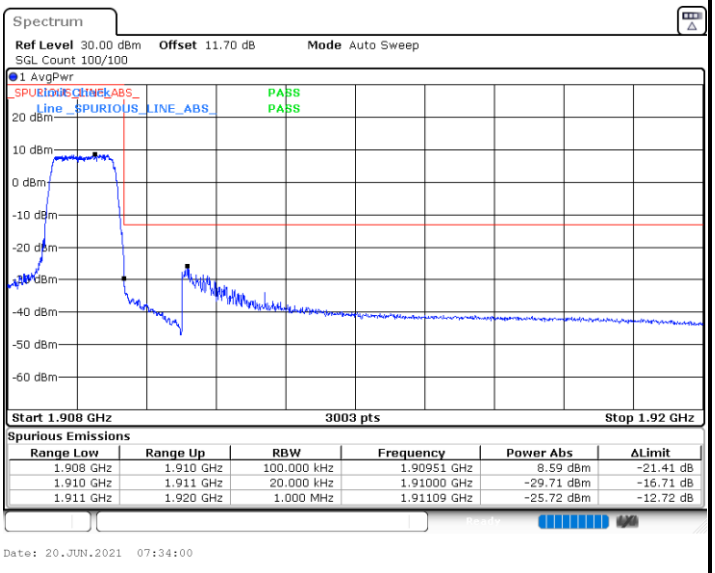
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

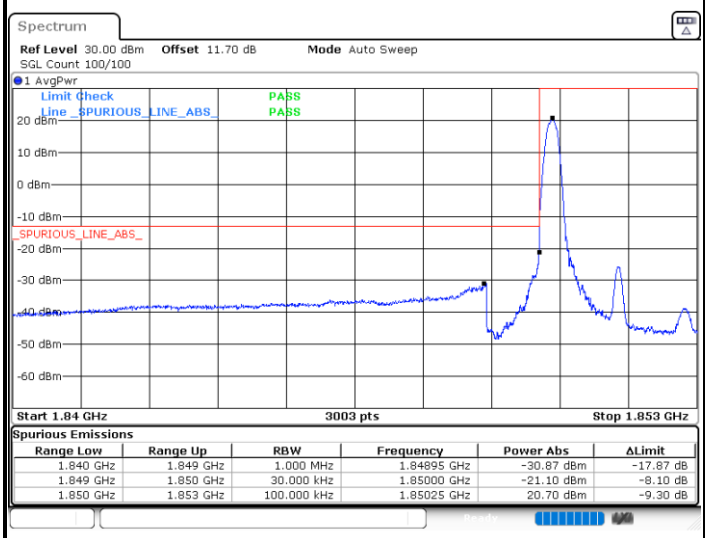


Highest Band Edge / Full RB

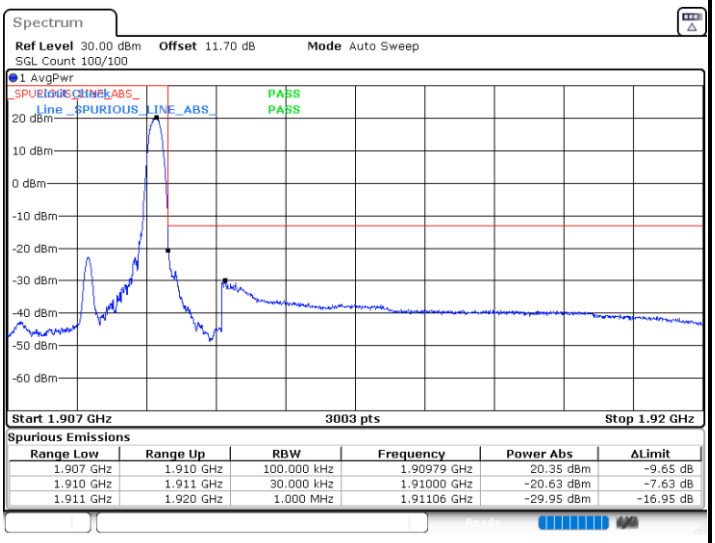


LTE Band 2 / 3MHz / QPSK

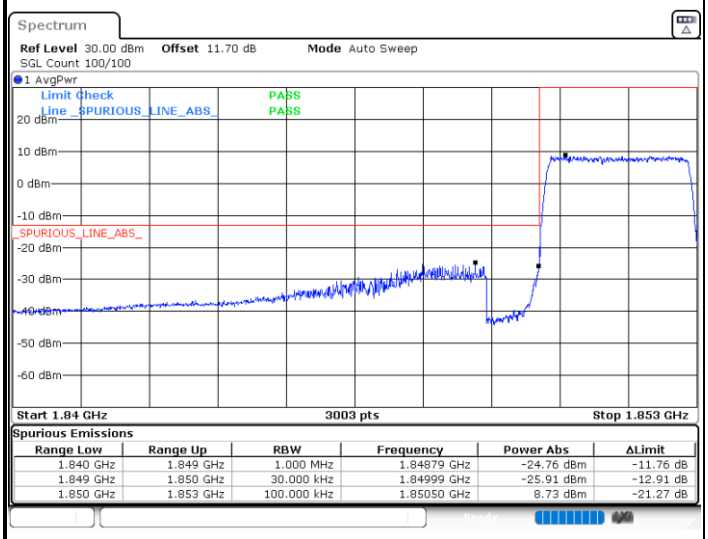
Lowest Band Edge / 1RB



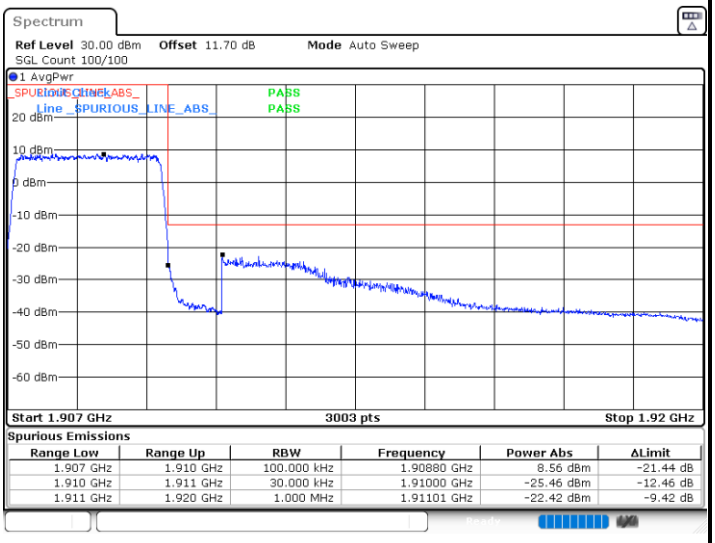
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

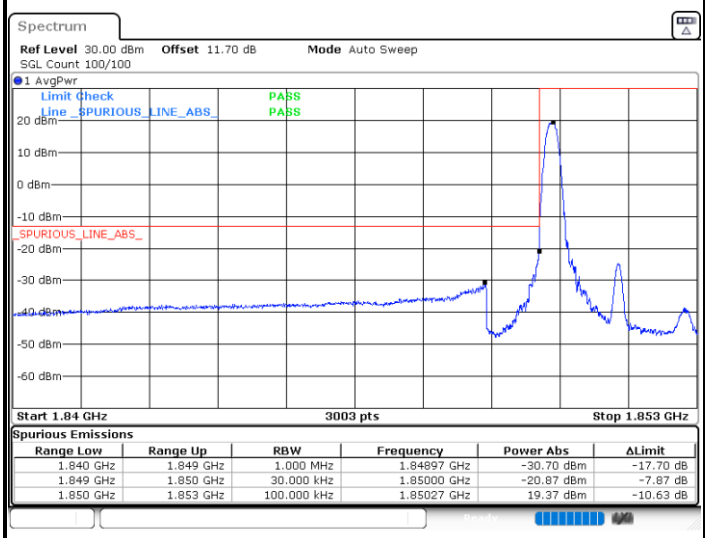


Highest Band Edge / Full RB

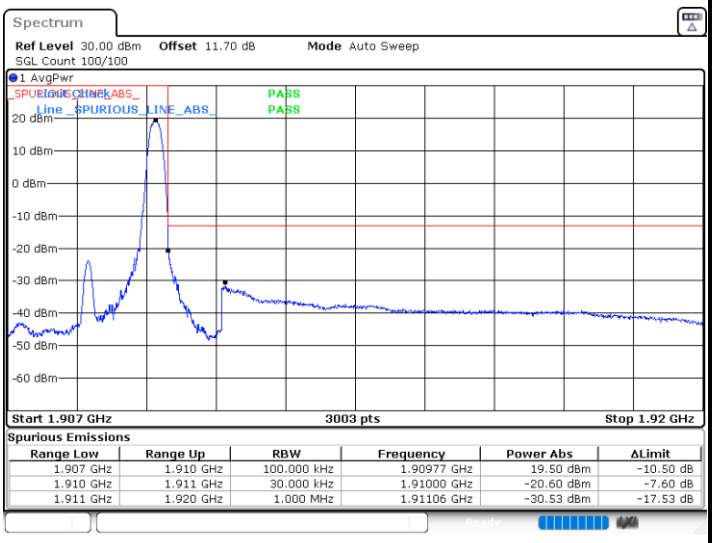


LTE Band 2 / 3MHz / 16QAM

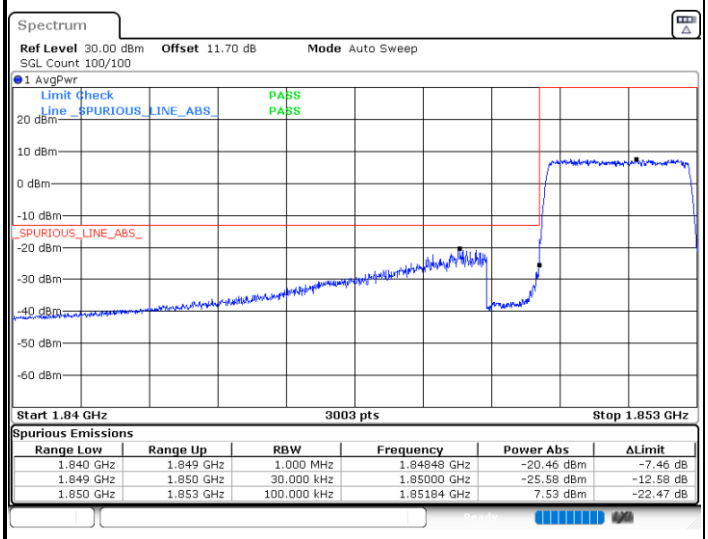
Lowest Band Edge / 1 RB



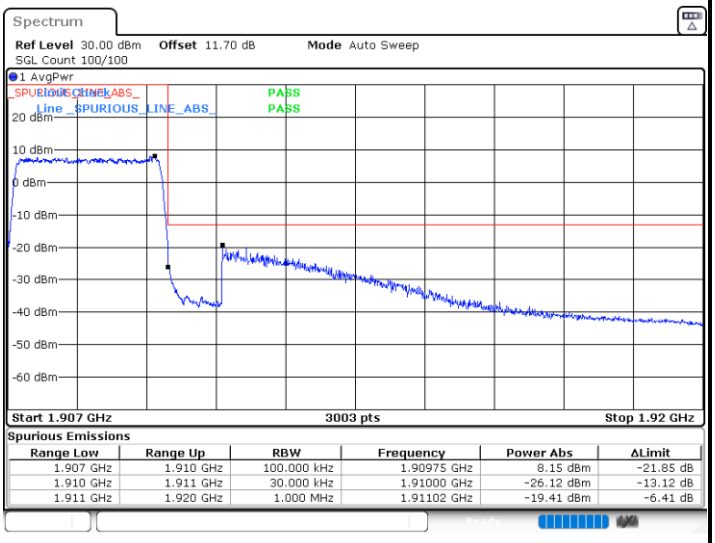
Highest Band Edge /1 RB



Lowest Band Edge / Full RB

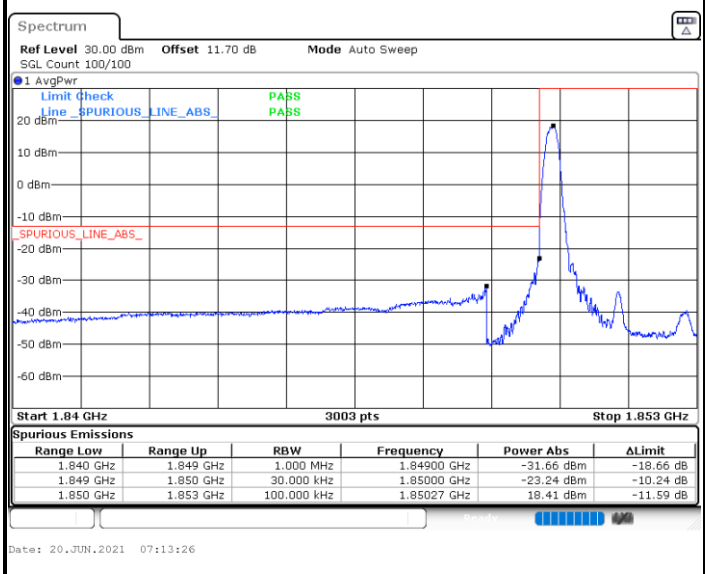


Highest Band Edge / Full RB

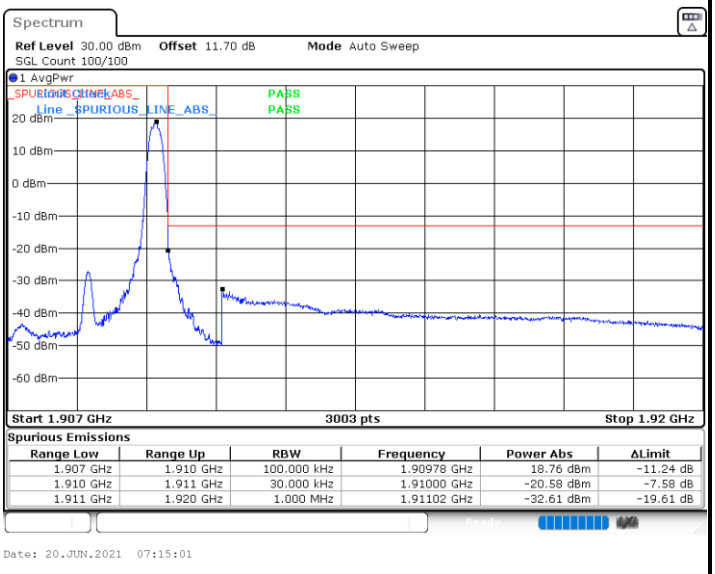


LTE Band 2 / 3MHz / 64QAM

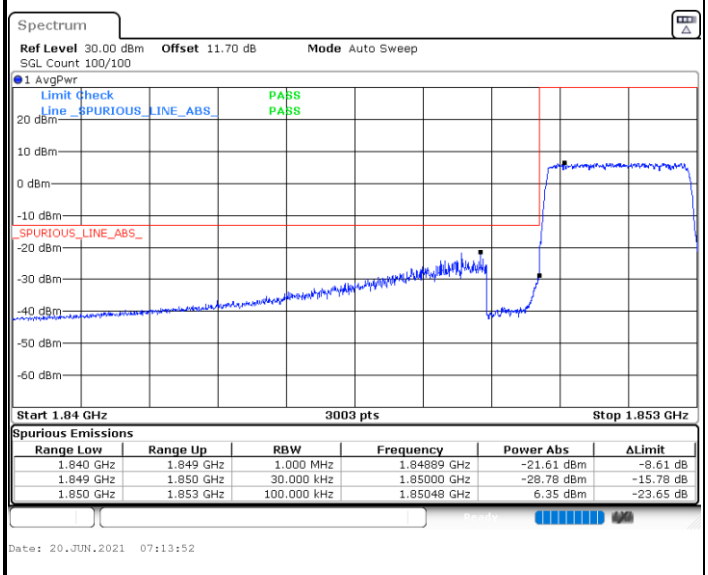
Lowest Band Edge / 1 RB



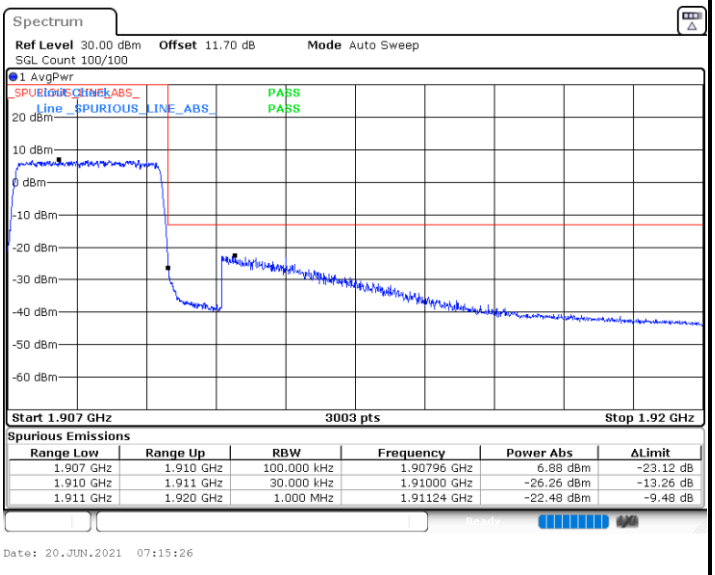
Highest Band Edge /1 RB



Lowest Band Edge / Full RB

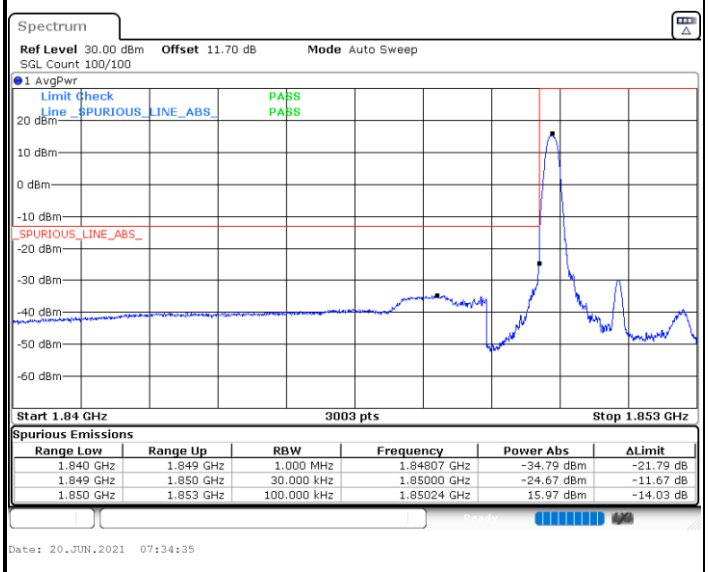


Highest Band Edge / Full RB

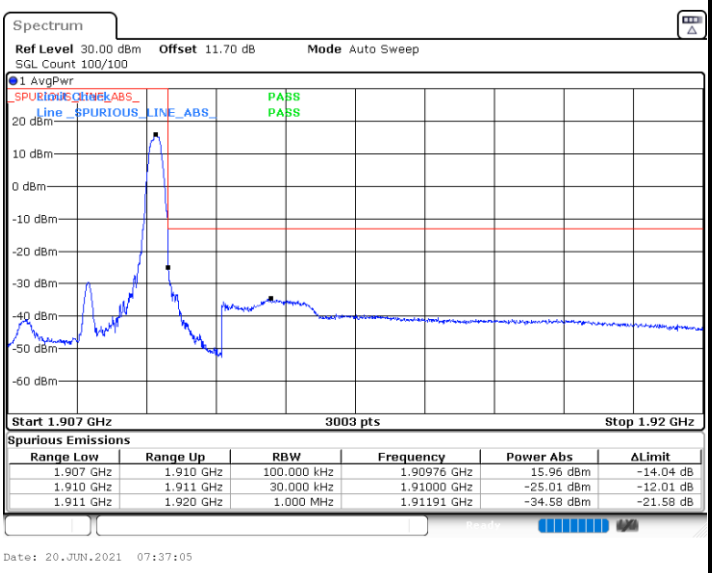


LTE Band 2 / 3MHz / 256QAM

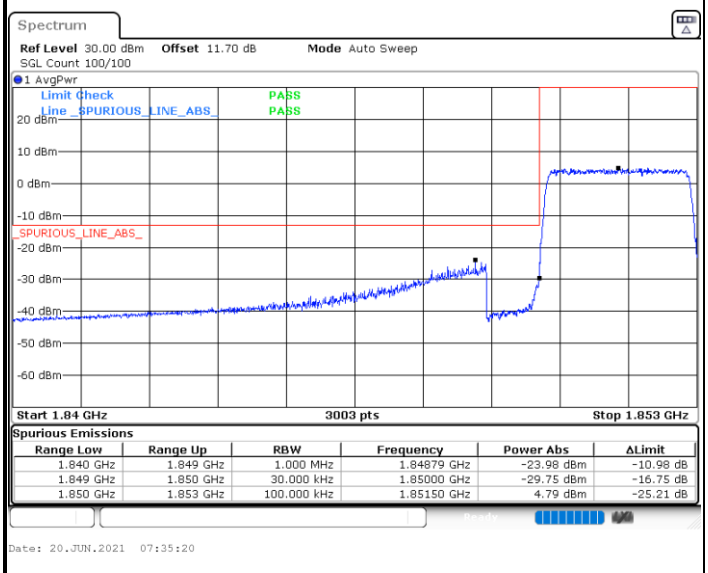
Lowest Band Edge / 1 RB



Highest Band Edge /1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB