



FCC RADIO TEST REPORT

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

The product was received on Sep. 14, 2022 and testing was performed from Sep. 26, 2022 to Dec. 09, 2022. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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



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Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
	§22.913 (a)(5)	Effective Radiated Power (Band 5)	Pass	
	§27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 17)		
	§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 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 17) (Band 25) (Band 66)	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 (g) §27.53 (h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 17) (Band 25) (Band 66)	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 (g) §27.53 (h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 17) (Band 25) (Band 66)	Pass	17.31 dB under the limit at 10204.360 MHz for Primary Antenna
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		17.69 dB under the limit at 10336.000 MHz for ASDIV Antenna

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: William Chen

Report Producer: Cindy Liu



1 General Description

1.1 Product Feature of Equipment Under Test

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

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

EUT Information List	
S/N	Performed Test Item
28251FQHN00138	Conducted Measurement ERP/EIRP
28261FQHN00058	Radiated Spurious Emission



1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
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 17: 706.5 MHz ~ 713.5 MHz LTE Band 25: 1850.7 MHz ~ 1914.3 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 ~ 1754.3 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: 2622.5 MHz ~ 2687.5 MHz LTE Band 12: 729.7 MHz ~ 745.3 MHz LTE Band 17: 736.5 MHz ~ 743.5 MHz LTE Band 25: 1930.7 MHz ~ 1994.3 MHz LTE Band 38: 2572.5MHz ~ 2617.5MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 66: 2110.7 MHz ~ 2154.3 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 17: 5MHz / 10MHz LTE Band 25: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 38: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz



Product Specification is subject to this standard	
Maximum Output Power to Antenna	<p><Primary Antenna> <Ant. 0> LTE Band 5 : 23.86 dBm LTE Band 5B : 24.37 dBm LTE Band 12 : 23.92 dBm LTE Band 17 : 23.86 dBm <Ant. 2> LTE Band 2 : 24.48 dBm LTE Band 4 : 24.47 dBm LTE Band 7 : 24.68 dBm LTE Band 7C : 23.64 dBm LTE Band 25 : 24.21 dBm LTE Band 38 : 24.49 dBm LTE Band 38C : 25.64 dBm LTE Band 41 : 24.70 dBm LTE Band 41 : 26.27 dBm (HPUE) LTE Band 41C : 20.97 dBm LTE Band 66 : 24.35 dBm <ASDIV Antenna> <Ant. 0> LTE Band 2 : 23.71 dBm LTE Band 4 : 23.71 dBm LTE Band 7 : 24.23 dBm LTE Band 7C : 22.34 dBm LTE Band 25 : 23.60 dBm LTE Band 38 : 23.79 dBm LTE Band 38C : 25.14 dBm LTE Band 41 : 24.15 dBm LTE Band 41 : 25.74 dBm (HPUE) LTE Band 41C : 19.35 dBm LTE Band 66 : 23.67 dBm <Ant. 1> LTE Band 5 : 23.68 dBm LTE Band 5B : 22.91 dBm LTE Band 12 : 23.64 dBm LTE Band 17 : 23.56 dBm</p>
Antenna Type	<p><Primary Antenna>: <Ant. 0>: ILA Antenna <Ant. 2>: IFA Antenna <ASDIV Antenna>: <Ant. 0>: ILA Antenna <Ant. 1>: ILA Antenna</p>
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

**<Primary Antenna>**

Radio Tech	Band Number	Antenna name	Gain
LTE	B2	Ant. 2	-3.8
LTE	B4	Ant. 2	-4.1
LTE	B5	Ant. 0	-5.3
LTE	B7	Ant. 2	-0.9
LTE	B12	Ant. 0	-6.0
LTE	B17	Ant. 0	-6.0
LTE	B25	Ant. 2	-3.8
LTE	B38	Ant. 2	-0.7
LTE	B41	Ant. 2	-0.7
LTE	B66	Ant. 2	-4.1

<ASDIV Antenna>

Radio Tech	Band Number	Antenna name	Gain
LTE	B2	Ant. 0	-2.7
LTE	B4	Ant. 0	-3.3
LTE	B5	Ant. 1	-7.5
LTE	B7	Ant. 0	-1.7
LTE	B12	Ant. 1	-10.1
LTE	B17	Ant. 1	-10.1
LTE	B25	Ant. 0	-2.7
LTE	B38	Ant. 0	-2.4
LTE	B41	Ant. 0	-1.7
LTE	B66	Ant. 0	-3.3

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

1.3 Modification of EUT

No modifications made to the EUT during the testing.



1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No.
	TH03-HY
Test Engineer	HaoEn Zhang
Temperature (°C)	21.3~22.5
Relative Humidity (%)	52.4~55.6

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No.
	03CH13-HY (TAF Code: 3786)
Test Engineer	Rain Lee, Jacky Hong and Mancy Chou
Temperature (°C)	20~25
Relative Humidity (%)	50~60
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

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

FCC Designation No.: TW1190 and TW3786

1.5 Applicable Standards

According to the specifications 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 the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

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

Test Items	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
	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
	38	-	-	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
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	
	17	-	-		v	-	-	v	v	v	v			v		v	
	25						v	v	v	v	v			v		v	
	38	Covered by Band 41															
	41	-	-				v	v	v	v	v			v		v	
	66						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
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	
	17	-	-	v	v	-	-	v	v	v	v			v		v	
	25	v	v	v	v	v	v	v	v	v	v			v		v	
	38	Covered by Band 41															
	41	-	-	v	v	v	v	v	v	v	v			v		v	
	66	v	v	v	v	v	v	v	v	v	v			v		v	
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
	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
	38	Covered by Band 41															
	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
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
	17	-	-	v	v	-	-	v				v			v	v	v
	25	v	v	v	v	v	v	v				v			v	v	v
	38	Covered by Band 41															
	41	-	-	v	v	v	v	v				v			v	v	v
	66	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		
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		
	17	-	-		v	-	-	v							v		v		
	25				v			v							v		v		
	38	Covered by Band 41																	
	41	-	-		v			v								v		v	
	66				v			v								v		v	
E.R.P / E.I.R.P	2	v	v	v	v	v	v	v	v	v	v								
	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								
	17	-	-	v	v	-	-	v	v	v	v								
	25	v	v	v	v	v	v	v	v	v	v								
	38	-	-	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								

Max. Power



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	Covered by Band 25															
	4	Covered by Band 66															
	5	Worst Case												v	v	v	
	7	Worst Case												v	v	v	
	12	Covered by Band 17															
	17	Worst Case												v	v	v	
	25	Worst Case												v	v	v	
	38	Covered by Band 41															
	41	Worst Case												v	v	v	
	66	Worst Case												v	v	v	
Remark	<ol style="list-style-type: none"> The mark "v " means that this configuration is chosen for testing The mark "- " means that this bandwidth is not supported. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. All the radiated test cases were performed with Adapter 1 and USB Cable 2. Wider operating range bandwidth covers narrower one when the power is higher or the same. One representative bandwidth is selected to perform PAR and frequency stability. During the preliminary test, both charging modes (Adapter mode and WPT Client mode) were verified. It is determined that the adapter mode is the worst case for official test. 																



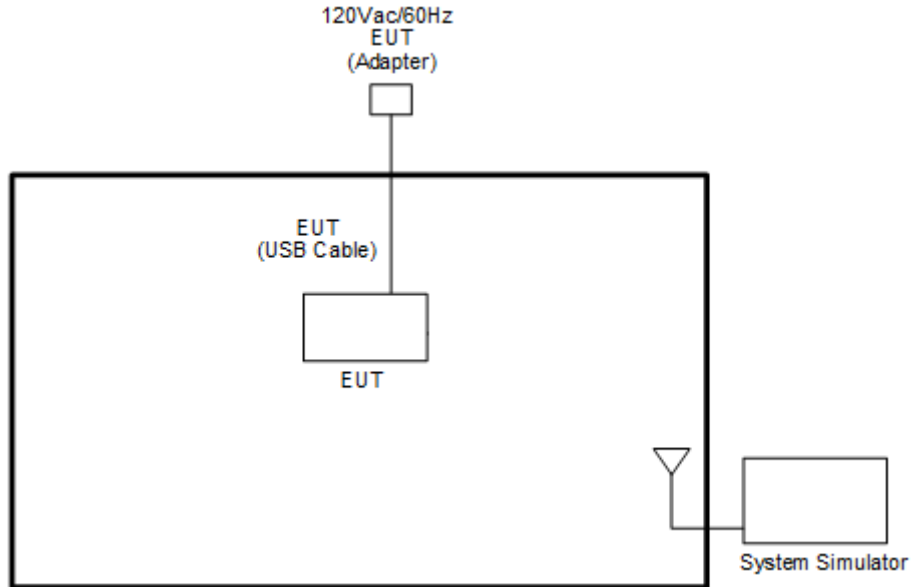
Test Items	Band	Bandwidth (MHz)					Modulation				RB #			Test Channel					
		3+5	5+3	5+10	10+5	10+10	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H			
Max. Output Power	5B_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	5B_CA	v	v	v	v	v	v	v	v	v			v			v		v	
Conducted Band Edge	5B_CA	v	v	v	v	v	v	v	v	v	v		v	v		v			v
Conducted Spurious Emission	5B_CA	v	v	v	v	v	v				v						v	v	v
E.R.P.	5B_CA	v	v	v	v	v	v	v	v	v	Max. Power								
Radiated Spurious Emission	5B_CA	Worst Case											v	v	v				
Remark	<ol style="list-style-type: none"> The mark "v" means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. All the radiated test cases were performed with Adapter 1 and USB Cable 2. During the preliminary test, both charging modes (Adapter mode and WPT Client mode) were verified. It is determined that the adapter mode is the worst case for official test. 																		



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
	38_CA	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	
	38_CA	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
	38_CA	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
	38_CA	v	-	-	-	-	-	-	v	-	-	v				v			v	v	v
	41_CA	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					
	38_CA	v	-	-	-	-	-	-	v	-	-	v	v	v	v						
	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	
	38_CA	Covered by Band 41C																			
	41_CA	Worst Case																v	v	v	
Remark	<ol style="list-style-type: none"> The mark "v" means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. All the radiated test cases were performed with Adapter 1 and USB Cable 2. Wider operating range bandwidth covers narrower one when the power is higher or the same. During the preliminary test, both charging modes (Adapter mode and WPT Client mode) were verified. It is determined that the adapter mode is the worst case for official test. 																				

2.2 Connection Diagram of Test System

<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.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

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



2.5 Frequency List of Low/Middle/High Channels

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 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 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 5B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
3 + 5	PCC	Channel	20416	20501	20586
		Frequency	825.6	834.1	842.6
	SCC	Channel	20455	20540	20575
		Frequency	829.5	838.0	841.5
5 + 3	PCC	Channel	20425	20510	20595
		Frequency	826.5	835.0	843.5
	SCC	Channel	20464	20549	20634
		Frequency	830.4	838.9	847.4
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 7C 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 38C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	37850	37901	37952
		Frequency	2580.0	2585.1	2590.2
	SCC	Channel	38048	38099	38150
		Frequency	2599.8	2604.9	2610.0
15+ 15	PCC	Channel	37825	37925	38025
		Frequency	2577.5	2587.5	2597.5
	SCC	Channel	37975	38075	38175
		Frequency	2592.5	2602.5	2612.5

LTE Band 41C 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 41C 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

3 Conducted Test Items

3.1 Measuring Instruments

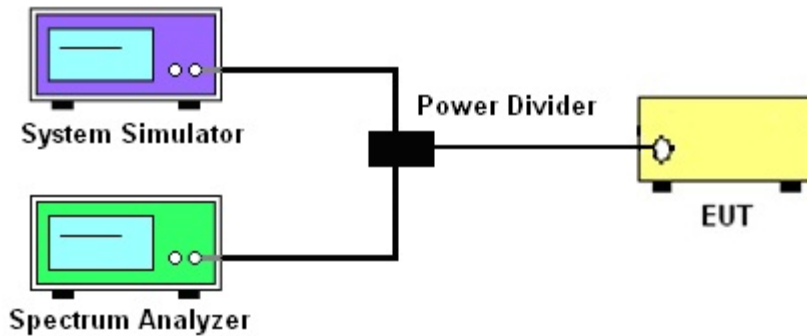
See list of measuring instruments of this test report.

3.1.1 Test Setup

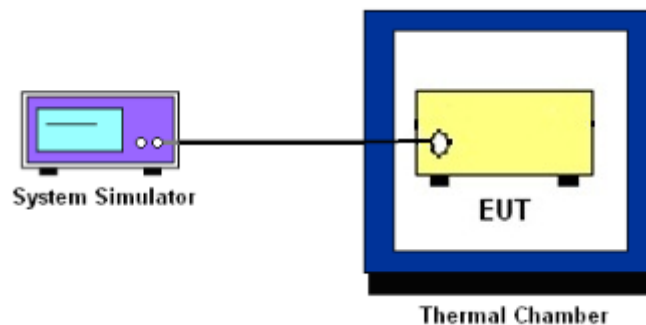
3.1.2 Conducted Output Power



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

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

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

24.238 (a)

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

27.53 (g)

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

27.53 (h)

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

**27.53(m)(4)**

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

3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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

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

For 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 10th harmonic.

3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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



3.7 Frequency Stability

3.7.1 Description of Frequency Stability Measurement

22.355

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

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

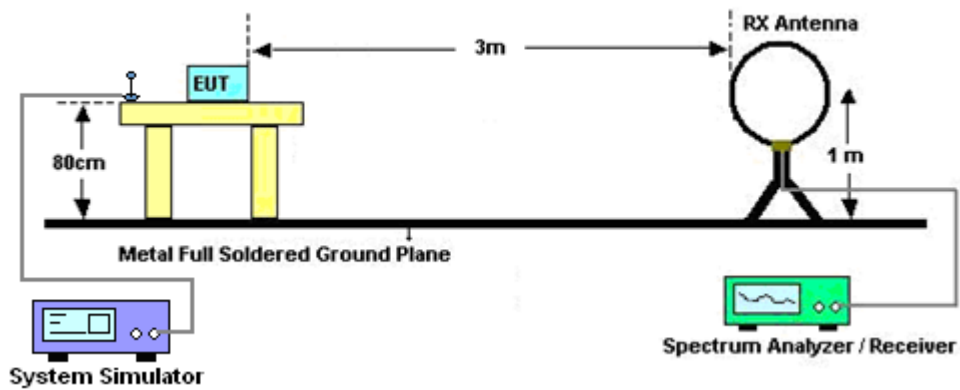
4 Radiated Test Items

4.1 Measuring Instruments

See list of measuring instruments of this test report.

4.1.1 Test Setup

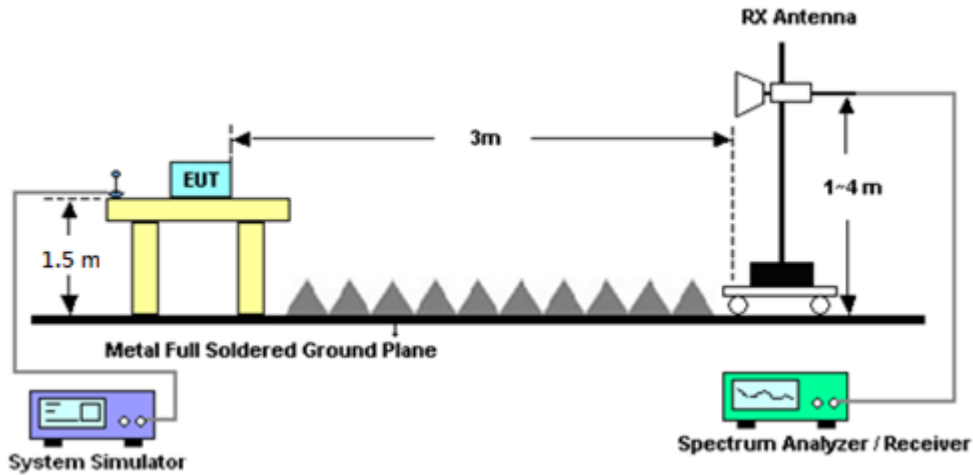
For radiated test below 30MHz



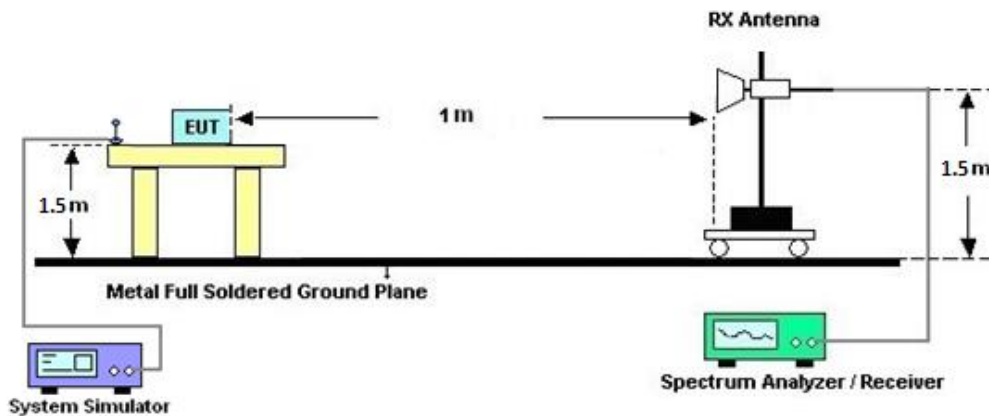
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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

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



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

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

For 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.

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

4.2.2 Test Procedures

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

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

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

For LTE Band 7, 38, 41

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

$EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$

$ERP \text{ (dBm)} = EIRP - 2.15$



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	May 13, 2022	Oct. 05, 2022~ Oct. 27, 2022	May 12, 2023	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	Oct. 05, 2022~ Oct. 27, 2022	Dec. 23, 2022	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz~40GHz	Nov. 30, 2021	Oct. 05, 2022~ Oct. 27, 2022	Nov. 29, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Feb. 21, 2022	Oct. 05, 2022~ Oct. 27, 2022	Feb. 20, 2023	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz~40GHz	May 14, 2022	Oct. 05, 2022~ Oct. 27, 2022	May 13, 2023	Radiation (03CH13-HY)
Amplifier	SONOMA	310N	187282	9kHz~1GHz	Dec. 15, 2021	Oct. 05, 2022~ Oct. 27, 2022	Dec. 14, 2022	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	40103 & 07	30MHz~1GHz	Apr. 24, 2022	Oct. 05, 2022~ Oct. 27, 2022	Apr. 23, 2023	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Feb. 06, 2022	Oct. 05, 2022~ Oct. 27, 2022	Feb. 05, 2023	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303B	TP200722	N/A	Mar. 22, 2022	Oct. 05, 2022~ Oct. 27, 2022	Mar. 21, 2023	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 17, 2022	Oct. 05, 2022~ Oct. 27, 2022	May 16, 2023	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Oct. 26, 2021	Oct. 05, 2022~ Oct. 24, 2022	Oct. 25, 2022	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Oct. 25, 2022	Oct. 25, 2022~ Oct. 27, 2022	Oct. 24, 2023	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 18, 2022	Oct. 05, 2022~ Oct. 27, 2022	Mar. 17, 2023	Radiation (03CH13-HY)
Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN12	1.53GHz Low Pass Filter	Sep. 13, 2022	Oct. 05, 2022~ Oct. 27, 2022	Sep. 12, 2023	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-1080 -1200-15000-6 0SS	SN3	1.2GHz High Pass Filter	Jun. 30, 2022	Oct. 05, 2022~ Oct. 27, 2022	Jun. 29, 2023	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN2	3GHz High Pass Filter	Jul. 12, 2022	Oct. 05, 2022~ Oct. 27, 2022	Jul. 11, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30MHz~18GHz	Feb. 09, 2022	Oct. 05, 2022~ Oct. 27, 2022	Feb. 08, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30MHz~18GHz	Feb. 09, 2022	Oct. 05, 2022~ Oct. 27, 2022	Feb. 08, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9 kHz~30 MHz	Mar. 10, 2022	Oct. 05, 2022~ Oct. 27, 2022	Mar. 09, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30MHz~18GHz	Feb. 09, 2022	Oct. 05, 2022~ Oct. 27, 2022	Feb. 08, 2023	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Oct. 05, 2022~ Oct. 27, 2022	N/A	Radiation (03CH13-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Oct. 05, 2022~ Oct. 27, 2022	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Oct. 05, 2022~ Oct. 27, 2022	N/A	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1241	1-18GHz	Jul. 25, 2022	Oct. 05, 2022~ Oct. 27, 2022	Jul. 24, 2023	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1212	1GHz~18GHz	Mar. 10, 2022	Oct. 05, 2022~ Oct. 27, 2022	Mar. 09, 2023	Radiation (03CH13-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6201664755	LTE FDD/TDD(with4 4), LTE-4CC DLCA/2CC ULCA, CatM1/NB1/NB2	Aug. 01, 2022	Sep. 26, 2022~ Dec. 09, 2022	Jul. 31, 2023	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101909	10Hz~40GHz	Aug. 18, 2022	Sep. 26, 2022~ Dec. 09, 2022	Aug. 17, 2023	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 07, 2022	Sep. 26, 2022~ Dec. 09, 2022	Sep. 06, 2023	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V ; 0A~6A	Jan. 06, 2022	Sep. 26, 2022~ Dec. 09, 2022	Jan. 05, 2023	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 07, 2022	Sep. 26, 2022~ Dec. 09, 2022	Jan. 06, 2023	Conducted (TH03-HY)



6 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.40 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.81 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.46 dB
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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 = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.19	24.48	24.37	20.68	0.1169
20	1	49		24.17	24.21	24.18		
20	1	99		24.12	24.04	24.21		
20	50	0		23.33	23.43	23.33		
20	50	24		23.33	23.35	23.29		
20	50	50		23.29	23.22	23.25		
20	100	0		23.34	23.35	23.32		
20	1	0	16-QAM	23.53	23.73	23.61	19.93	0.0984
20	1	49		23.44	23.47	23.39		
20	1	99		23.48	23.33	23.47		
20	50	0		22.38	22.46	22.35		
20	50	24		22.38	22.41	22.31		
20	50	50		22.33	22.31	22.28		
20	100	0		22.35	22.36	22.31		
20	1	0	64-QAM	22.43	22.57	22.60	18.80	0.0759
20	1	49		22.43	22.41	22.45		
20	1	99		22.43	22.28	22.42		
20	50	0		21.41	21.53	21.39		
20	50	24		21.41	21.46	21.36		
20	50	50		21.36	21.34	21.34		
20	100	0		21.39	21.38	21.36		
20	1	0	256-QAM	19.59	19.75	19.69	15.95	0.0394
20	1	49		19.53	19.56	19.54		
20	1	99		19.40	19.43	19.38		
20	50	0		19.59	19.63	19.56		
20	50	24		19.40	19.49	19.39		
20	50	50		19.40	19.43	19.42		
20	100	0		19.52	19.54	19.54		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 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	24.09	24.43	24.37	20.63	0.1156
15	1	37		24.15	24.11	24.18		
15	1	74		24.10	23.96	24.21		
15	36	0		23.30	23.41	23.31		
15	36	20		23.23	23.28	23.21		
15	36	39		23.24	23.12	23.19		
15	75	0		23.32	23.29	23.26		
15	1	0	16-QAM	23.48	23.64	23.57	19.84	0.0964
15	1	37		23.40	23.39	23.31		
15	1	74		23.40	23.25	23.47		
15	36	0		22.28	22.44	22.35		
15	36	20		22.33	22.41	22.27		
15	36	39		22.29	22.30	22.19		
15	75	0		22.35	22.36	22.24		
15	1	0	64-QAM	22.33	22.49	22.55	18.75	0.0750
15	1	37		22.38	22.38	22.43		
15	1	74		22.33	22.24	22.32		
15	36	0		21.33	21.49	21.32		
15	36	20		21.41	21.42	21.26		
15	36	39		21.29	21.26	21.27		
15	75	0		21.30	21.38	21.35		
15	1	0	256-QAM	19.53	19.66	19.69	15.89	0.0388
15	1	37		19.47	19.52	19.50		
15	1	74		19.31	19.35	19.32		
15	36	0		19.54	19.55	19.50		
15	36	20		19.31	19.40	19.36		
15	36	39		19.32	19.42	19.41		
15	75	0		19.42	19.46	19.49		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 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	24.15	24.46	24.27	20.66	0.1164
10	1	25		24.16	24.18	24.15		
10	1	49		24.03	24.03	24.15		
10	25	0		23.26	23.35	23.25		
10	25	12		23.24	23.35	23.28		
10	25	25		23.28	23.22	23.22		
10	50	0		23.27	23.32	23.28		
10	1	0	16-QAM	23.51	23.67	23.51	19.87	0.0971
10	1	25		23.40	23.46	23.31		
10	1	49		23.39	23.25	23.46		
10	25	0		22.32	22.36	22.28		
10	25	12		22.36	22.39	22.25		
10	25	25		22.28	22.26	22.27		
10	50	0		22.31	22.32	22.31		
10	1	0	64-QAM	22.33	22.47	22.59	18.79	0.0757
10	1	25		22.40	22.40	22.38		
10	1	49		22.38	22.27	22.42		
10	25	0		21.39	21.47	21.37		
10	25	12		21.34	21.38	21.35		
10	25	25		21.35	21.24	21.29		
10	50	0		21.36	21.34	21.36		
10	1	0	256-QAM	19.50	19.65	19.69	15.89	0.0388
10	1	25		19.51	19.54	19.48		
10	1	49		19.31	19.40	19.32		
10	25	0		19.53	19.61	19.48		
10	25	12		19.35	19.40	19.40		
10	25	25		19.40	19.39	19.40		
10	50	0		19.36	19.49	19.47		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 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	24.16	24.42	24.33	20.62	0.1153
5	1	12		24.13	24.12	24.10		
5	1	24		24.02	24.01	24.17		
5	12	0		23.32	23.42	23.33		
5	12	7		23.25	23.25	23.19		
5	12	13		23.20	23.19	23.21		
5	25	0		23.27	23.33	23.31		
5	1	0	16-QAM	23.50	23.73	23.51	19.93	0.0984
5	1	12		23.34	23.46	23.39		
5	1	24		23.41	23.25	23.37		
5	12	0		22.30	22.41	22.35		
5	12	7		22.36	22.38	22.21		
5	12	13		22.32	22.29	22.20		
5	25	0		22.29	22.30	22.30		
5	1	0	64-QAM	22.43	22.57	22.53	18.77	0.0753
5	1	12		22.38	22.41	22.39		
5	1	24		22.38	22.21	22.35		
5	12	0		21.33	21.43	21.35		
5	12	7		21.36	21.40	21.35		
5	12	13		21.36	21.25	21.25		
5	25	0		21.29	21.33	21.32		
5	1	0	256-QAM	19.57	19.72	19.67	15.92	0.0391
5	1	12		19.38	19.52	19.53		
5	1	24		19.27	19.35	19.24		
5	12	0		19.49	19.56	19.53		
5	12	7		19.37	19.49	19.38		
5	12	13		19.32	19.36	19.26		
5	25	0		19.47	19.46	19.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.13	24.42	24.30	20.62	0.1153
3	1	8		24.16	24.16	24.10		
3	1	14		24.07	23.97	24.13		
3	8	0		23.29	23.43	23.30		
3	8	4		23.29	23.32	23.29		
3	8	7		23.27	23.20	23.25		
3	15	0		23.24	23.30	23.27		
3	1	0	16-QAM	23.48	23.70	23.51	19.90	0.0977
3	1	8		23.39	23.45	23.32		
3	1	14		23.44	23.27	23.41		
3	8	0		22.38	22.37	22.31		
3	8	4		22.33	22.39	22.21		
3	8	7		22.33	22.26	22.18		
3	15	0		22.28	22.36	22.28		
3	1	0	64-QAM	22.40	22.53	22.53	18.73	0.0746
3	1	8		22.34	22.37	22.43		
3	1	14		22.40	22.24	22.42		
3	8	0		21.40	21.53	21.30		
3	8	4		21.34	21.46	21.33		
3	8	7		21.35	21.26	21.32		
3	15	0		21.30	21.30	21.36		
3	1	0	256-QAM	19.53	19.65	19.64	15.85	0.0385
3	1	8		19.43	19.55	19.49		
3	1	14		19.27	19.40	19.36		
3	8	0		19.52	19.56	19.50		
3	8	4		19.42	19.49	19.35		
3	8	7		19.33	19.34	19.33		
3	15	0		19.52	19.51	19.38		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.02	24.07	24.12	20.35	0.1084
1.4	1	3		23.98	23.97	24.03		
1.4	1	5		24.05	24.06	24.14		
1.4	3	0		23.96	24.00	24.03		
1.4	3	1		24.04	24.09	24.15		
1.4	3	3		24.02	24.04	24.11		
1.4	6	0		23.05	23.04	23.07		
1.4	1	0	16-QAM	23.37	23.35	23.32	19.57	0.0906
1.4	1	3		23.25	23.14	23.14		
1.4	1	5		23.37	23.33	23.36		
1.4	3	0		23.09	23.17	23.15		
1.4	3	1		23.13	23.24	23.21		
1.4	3	3		23.20	23.19	23.20		
1.4	6	0		22.10	22.13	22.12		
1.4	1	0	64-QAM	22.25	22.28	22.24	18.49	0.0706
1.4	1	3		22.22	22.23	22.17		
1.4	1	5		22.21	22.29	22.28		
1.4	3	0		22.10	22.10	22.11		
1.4	3	1		22.24	22.22	22.13		
1.4	3	3		22.20	22.22	22.18		
1.4	6	0		21.15	21.13	21.09		
1.4	1	0	256-QAM	19.57	19.69	19.67	15.89	0.0388
1.4	1	3		19.45	19.50	19.43		
1.4	1	5		19.42	19.41	19.33		
1.4	3	0		19.57	19.55	19.52		
1.4	3	1		19.37	19.46	19.42		
1.4	3	3		19.31	19.34	19.34		
1.4	6	0		19.44	19.52	19.35		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 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	24.03	24.21	24.06	20.41	0.1099
20	1	49		23.99	23.92	23.86		
20	1	99		23.92	23.73	24.05		
20	50	0		22.73	22.75	22.74		
20	50	24		22.72	22.70	22.73		
20	50	50		22.70	22.71	22.73		
20	100	0		22.71	22.72	22.70		
20	1	0	16-QAM	23.41	23.45	23.27	19.65	0.0923
20	1	49		23.24	23.28	23.15		
20	1	99		23.32	23.05	23.33		
20	50	0		22.16	22.18	22.05		
20	50	24		22.17	22.11	22.08		
20	50	50		22.12	22.00	22.14		
20	100	0		22.12	22.10	22.08		
20	1	0	64-QAM	22.34	22.46	22.33	18.66	0.0735
20	1	49		22.35	22.27	22.23		
20	1	99		22.31	22.03	22.39		
20	50	0		21.24	21.23	21.11		
20	50	24		21.23	21.16	21.13		
20	50	50		21.16	21.06	21.18		
20	100	0		21.19	21.16	21.12		
20	1	0	256-QAM	19.51	19.57	19.55	15.94	0.0393
20	1	49		19.50	19.60	19.51		
20	1	99		19.38	19.38	19.30		
20	50	0		19.73	19.74	19.71		
20	50	24		19.44	19.50	19.43		
20	50	50		19.34	19.40	19.37		
20	100	0		19.50	19.54	19.51		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 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	23.97	24.19	23.97	20.39	0.1094
15	1	37		23.95	23.89	23.82		
15	1	74		23.92	23.70	23.97		
15	36	0		22.59	22.64	22.47		
15	36	20		22.57	22.48	22.47		
15	36	39		22.52	22.42	22.56		
15	75	0		22.60	22.50	22.49		
15	1	0	16-QAM	23.41	23.41	23.22	19.61	0.0914
15	1	37		23.24	23.23	23.05		
15	1	74		23.27	23.01	23.32		
15	36	0		22.09	22.10	21.96		
15	36	20		22.12	22.07	22.05		
15	36	39		22.03	21.96	22.14		
15	75	0		22.05	22.08	22.04		
15	1	0	64-QAM	22.31	22.43	22.32	18.63	0.0729
15	1	37		22.32	22.23	22.22		
15	1	74		22.27	21.95	22.29		
15	36	0		21.21	21.23	21.06		
15	36	20		21.19	21.14	21.03		
15	36	39		21.06	21.05	21.17		
15	75	0		21.19	21.08	21.11		
15	1	0	256-QAM	19.51	19.48	19.45	15.91	0.0390
15	1	37		19.42	19.50	19.43		
15	1	74		19.31	19.34	19.26		
15	36	0		19.71	19.65	19.67		
15	36	20		19.36	19.49	19.43		
15	36	39		19.31	19.30	19.36		
15	75	0		19.49	19.45	19.45		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 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	23.91	23.94	23.90	20.18	0.1042
10	1	25		23.68	23.68	23.76		
10	1	49		23.80	23.65	23.98		
10	25	0		22.39	22.42	22.44		
10	25	12		22.46	22.43	22.55		
10	25	25		22.46	22.38	22.61		
10	50	0		22.45	22.42	22.53		
10	1	0	16-QAM	23.16	23.23	23.14	19.44	0.0879
10	1	25		23.08	23.08	23.18		
10	1	49		23.11	22.95	23.24		
10	25	0		21.96	22.00	21.99		
10	25	12		22.01	21.98	22.04		
10	25	25		22.01	21.94	22.10		
10	50	0		21.98	21.98	22.02		
10	1	0	64-QAM	22.16	22.28	22.27	18.52	0.0711
10	1	25		22.07	22.07	22.14		
10	1	49		22.16	22.05	22.32		
10	25	0		21.04	21.00	21.03		
10	25	12		21.02	20.97	21.06		
10	25	25		21.03	20.96	21.14		
10	50	0		21.04	21.06	21.12		
10	1	0	256-QAM	19.41	19.50	19.45	15.90	0.0389
10	1	25		19.50	19.53	19.53		
10	1	49		19.37	19.35	19.22		
10	25	0		19.68	19.70	19.57		
10	25	12		19.36	19.41	19.31		
10	25	25		19.33	19.32	19.30		
10	50	0		19.47	19.49	19.40		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 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	23.85	23.84	23.90	20.16	0.1038
5	1	12		23.68	23.66	23.75		
5	1	24		23.78	23.60	23.96		
5	12	0		22.39	22.38	22.34		
5	12	7		22.42	22.36	22.55		
5	12	13		22.39	22.31	22.61		
5	25	0		22.40	22.42	22.47		
5	1	0	16-QAM	23.12	23.17	23.10	19.41	0.0873
5	1	12		23.01	23.08	23.16		
5	1	24		23.05	22.86	23.21		
5	12	0		21.86	22.00	21.95		
5	12	7		21.98	21.96	21.94		
5	12	13		21.94	21.90	22.09		
5	25	0		21.89	21.89	22.02		
5	1	0	64-QAM	22.14	22.21	22.23	18.51	0.0710
5	1	12		21.97	22.02	22.14		
5	1	24		22.14	22.01	22.31		
5	12	0		20.94	20.93	20.98		
5	12	7		20.93	20.91	21.01		
5	12	13		20.94	20.87	21.14		
5	25	0		21.02	20.99	21.11		
5	1	0	256-QAM	19.49	19.55	19.45	15.92	0.0391
5	1	12		19.49	19.53	19.54		
5	1	24		19.22	19.38	19.27		
5	12	0		19.68	19.72	19.65		
5	12	7		19.42	19.50	19.44		
5	12	13		19.29	19.31	19.32		
5	25	0		19.48	19.53	19.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.83	23.85	23.82	20.11	0.1026
3	1	8		23.67	23.61	23.68		
3	1	14		23.71	23.64	23.91		
3	8	0		22.39	22.33	22.43		
3	8	4		22.43	22.43	22.53		
3	8	7		22.36	22.33	22.52		
3	15	0		22.45	22.33	22.45		
3	1	0	16-QAM	23.10	23.21	23.05	19.41	0.0873
3	1	8		23.01	23.08	23.09		
3	1	14		23.02	22.85	23.14		
3	8	0		21.93	21.94	21.91		
3	8	4		21.97	21.94	22.00		
3	8	7		21.93	21.94	22.06		
3	15	0		21.95	21.93	22.01		
3	1	0	64-QAM	22.13	22.18	22.23	18.44	0.0698
3	1	8		22.01	22.04	22.14		
3	1	14		22.09	22.01	22.24		
3	8	0		20.96	20.94	21.03		
3	8	4		21.00	20.93	20.99		
3	8	7		21.02	20.88	21.05		
3	15	0		21.04	21.06	21.02		
3	1	0	256-QAM	19.46	19.56	19.49	15.93	0.0392
3	1	8		19.51	19.60	19.47		
3	1	14		19.30	19.29	19.31		
3	8	0		19.68	19.73	19.60		
3	8	4		19.42	19.46	19.47		
3	8	7		19.27	19.39	19.32		
3	15	0		19.44	19.51	19.49		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.92	23.88	24.02	20.22	0.1052
1.4	1	3		23.85	23.78	23.92		
1.4	1	5		23.90	23.87	24.00		
1.4	3	0		23.78	23.73	23.89		
1.4	3	1		23.86	23.80	23.97		
1.4	3	3		23.83	23.80	23.96		
1.4	6	0		22.40	22.34	22.48		
1.4	1	0	16-QAM	23.14	23.18	23.21	19.47	0.0885
1.4	1	3		23.02	23.01	23.10		
1.4	1	5		23.19	23.16	23.27		
1.4	3	0		22.94	22.93	23.02		
1.4	3	1		22.97	23.01	23.06		
1.4	3	3		22.99	22.96	23.07		
1.4	6	0		22.01	21.92	22.05		
1.4	1	0	64-QAM	22.08	22.01	22.11	18.34	0.0682
1.4	1	3		21.99	21.97	22.03		
1.4	1	5		22.14	22.02	22.12		
1.4	3	0		22.07	21.96	22.05		
1.4	3	1		22.13	22.02	22.11		
1.4	3	3		22.09	22.02	22.14		
1.4	6	0		21.02	20.97	21.03		
1.4	1	0	256-QAM	19.45	19.56	19.47	15.86	0.0385
1.4	1	3		19.44	19.55	19.52		
1.4	1	5		19.33	19.36	19.26		
1.4	3	0		19.65	19.66	19.60		
1.4	3	1		19.41	19.48	19.37		
1.4	3	3		19.34	19.39	19.30		
1.4	6	0		19.49	19.45	19.39		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.19	24.36	24.47	20.37	0.1089
20	1	49		24.17	24.25	24.23		
20	1	99		24.17	24.11	24.07		
20	50	0		23.27	23.38	23.46		
20	50	24		23.29	23.37	23.39		
20	50	50		23.32	23.33	23.29		
20	100	0		23.32	23.37	23.38		
20	1	0	16-QAM	23.51	23.53	23.67	19.57	0.0906
20	1	49		23.48	23.31	23.46		
20	1	99		23.40	23.33	23.35		
20	50	0		22.32	22.43	22.45		
20	50	24		22.39	22.41	22.39		
20	50	50		22.36	22.34	22.30		
20	100	0		22.34	22.36	22.33		
20	1	0	64-QAM	22.48	22.57	22.68	18.58	0.0721
20	1	49		22.49	22.38	22.51		
20	1	99		22.43	22.40	22.34		
20	50	0		21.39	21.46	21.52		
20	50	24		21.41	21.44	21.43		
20	50	50		21.40	21.37	21.31		
20	100	0		21.35	21.38	21.37		
20	1	0	256-QAM	19.54	19.44	19.72	15.62	0.0365
20	1	49		19.54	19.55	19.48		
20	1	99		19.46	19.52	19.42		
20	50	0		19.26	19.36	19.33		
20	50	24		19.35	19.45	19.40		
20	50	50		19.39	19.44	19.35		
20	100	0		19.42	19.45	19.41		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.19	24.34	24.41	20.31	0.1074
15	1	37		24.07	24.19	24.13		
15	1	74		24.15	24.05	23.99		
15	36	0		23.27	23.38	23.42		
15	36	20		23.22	23.31	23.29		
15	36	39		23.22	23.26	23.25		
15	75	0		23.29	23.33	23.37		
15	1	0	16-QAM	23.46	23.51	23.66	19.56	0.0904
15	1	37		23.43	23.23	23.39		
15	1	74		23.32	23.29	23.28		
15	36	0		22.30	22.33	22.36		
15	36	20		22.39	22.38	22.36		
15	36	39		22.32	22.25	22.20		
15	75	0		22.24	22.31	22.27		
15	1	0	64-QAM	22.44	22.55	22.64	18.54	0.0714
15	1	37		22.39	22.28	22.41		
15	1	74		22.37	22.40	22.27		
15	36	0		21.33	21.45	21.42		
15	36	20		21.37	21.35	21.36		
15	36	39		21.36	21.27	21.31		
15	75	0		21.34	21.36	21.30		
15	1	0	256-QAM	19.45	19.44	19.69	15.59	0.0362
15	1	37		19.45	19.52	19.47		
15	1	74		19.44	19.49	19.41		
15	36	0		19.21	19.26	19.28		
15	36	20		19.27	19.39	19.28		
15	36	39		19.38	19.35	19.35		
15	75	0		19.40	19.38	19.38		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.09	24.33	24.46	20.36	0.1086
10	1	25		24.10	24.18	24.16		
10	1	49		24.13	24.01	24.01		
10	25	0		23.26	23.33	23.41		
10	25	12		23.24	23.37	23.39		
10	25	25		23.30	23.26	23.28		
10	50	0		23.26	23.28	23.28		
10	1	0	16-QAM	23.49	23.47	23.65	19.55	0.0902
10	1	25		23.39	23.29	23.44		
10	1	49		23.36	23.31	23.33		
10	25	0		22.31	22.37	22.41		
10	25	12		22.33	22.39	22.30		
10	25	25		22.30	22.26	22.20		
10	50	0		22.25	22.32	22.26		
10	1	0	64-QAM	22.44	22.55	22.62	18.52	0.0711
10	1	25		22.41	22.30	22.47		
10	1	49		22.41	22.40	22.30		
10	25	0		21.35	21.39	21.46		
10	25	12		21.36	21.34	21.40		
10	25	25		21.35	21.32	21.25		
10	50	0		21.33	21.37	21.27		
10	1	0	256-QAM	19.52	19.38	19.68	15.58	0.0361
10	1	25		19.45	19.45	19.40		
10	1	49		19.41	19.45	19.46		
10	25	0		19.23	19.28	19.21		
10	25	12		19.34	19.41	19.28		
10	25	25		19.39	19.42	19.38		
10	50	0		19.29	19.39	19.28		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.13	24.32	24.45	20.35	0.1084
5	1	12		24.09	24.23	24.13		
5	1	24		24.12	24.09	24.04		
5	12	0		23.19	23.34	23.44		
5	12	7		23.25	23.28	23.34		
5	12	13		23.29	23.32	23.22		
5	25	0		23.29	23.33	23.37		
5	1	0	16-QAM	23.47	23.49	23.63	19.53	0.0897
5	1	12		23.38	23.22	23.43		
5	1	24		23.36	23.31	23.31		
5	12	0		22.28	22.42	22.38		
5	12	7		22.39	22.40	22.31		
5	12	13		22.29	22.32	22.24		
5	25	0		22.27	22.36	22.23		
5	1	0	64-QAM	22.39	22.57	22.68	18.58	0.0721
5	1	12		22.44	22.30	22.49		
5	1	24		22.39	22.30	22.25		
5	12	0		21.35	21.43	21.51		
5	12	7		21.41	21.35	21.36		
5	12	13		21.39	21.36	21.28		
5	25	0		21.35	21.37	21.31		
5	1	0	256-QAM	19.49	19.39	19.67	15.57	0.0361
5	1	12		19.38	19.53	19.41		
5	1	24		19.41	19.50	19.40		
5	12	0		19.26	19.33	19.21		
5	12	7		19.37	19.40	19.34		
5	12	13		19.34	19.43	19.41		
5	25	0		19.33	19.43	19.29		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.19	24.30	24.39	20.29	0.1069
3	1	8		24.11	24.17	24.20		
3	1	14		24.13	24.11	24.03		
3	8	0		23.23	23.38	23.44		
3	8	4		23.28	23.32	23.32		
3	8	7		23.30	23.26	23.29		
3	15	0		23.31	23.27	23.31		
3	1	0	16-QAM	23.47	23.50	23.61	19.51	0.0893
3	1	8		23.48	23.28	23.41		
3	1	14		23.39	23.31	23.35		
3	8	0		22.28	22.42	22.43		
3	8	4		22.38	22.32	22.34		
3	8	7		22.30	22.33	22.24		
3	15	0		22.33	22.30	22.24		
3	1	0	64-QAM	22.43	22.49	22.58	18.48	0.0705
3	1	8		22.44	22.34	22.51		
3	1	14		22.43	22.31	22.26		
3	8	0		21.32	21.45	21.47		
3	8	4		21.40	21.41	21.33		
3	8	7		21.37	21.37	21.29		
3	15	0		21.26	21.29	21.27		
3	1	0	256-QAM	19.54	19.42	19.68	15.58	0.0361
3	1	8		19.38	19.54	19.42		
3	1	14		19.43	19.48	19.38		
3	8	0		19.24	19.26	19.26		
3	8	4		19.34	19.35	19.35		
3	8	7		19.28	19.37	19.33		
3	15	0		19.32	19.41	19.33		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.03	24.10	24.07	20.00	0.1000
1.4	1	3		23.96	23.99	24.00		
1.4	1	5		24.04	24.10	24.05		
1.4	3	0		23.96	24.03	24.00		
1.4	3	1		24.05	24.09	24.09		
1.4	3	3		24.01	24.07	24.04		
1.4	6	0		23.05	23.10	23.07		
1.4	1	0	16-QAM	23.29	23.26	23.34	19.24	0.0839
1.4	1	3		23.23	23.18	23.21		
1.4	1	5		23.30	23.28	23.31		
1.4	3	0		23.12	23.13	23.16		
1.4	3	1		23.22	23.19	23.22		
1.4	3	3		23.22	23.18	23.18		
1.4	6	0		22.12	22.10	22.12		
1.4	1	0	64-QAM	22.25	22.22	22.21	18.20	0.0661
1.4	1	3		22.17	22.15	22.11		
1.4	1	5		22.25	22.23	22.30		
1.4	3	0		22.14	22.15	22.14		
1.4	3	1		22.23	22.20	22.24		
1.4	3	3		22.21	22.16	22.18		
1.4	6	0		21.06	21.08	21.03		
1.4	1	0	256-QAM	19.47	19.44	19.63	15.53	0.0357
1.4	1	3		19.48	19.54	19.41		
1.4	1	5		19.40	19.50	19.40		
1.4	3	0		19.20	19.34	19.25		
1.4	3	1		19.32	19.43	19.32		
1.4	3	3		19.36	19.43	19.29		
1.4	6	0		19.34	19.35	19.42		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.85	23.86	23.84	16.41	0.0438
10	1	25		23.70	23.71	23.70		
10	1	49		23.74	23.74	23.70		
10	25	0		22.92	22.93	22.90		
10	25	12		22.89	22.87	22.86		
10	25	25		22.83	22.86	22.80		
10	50	0		22.85	22.86	22.83		
10	1	0	16-QAM	23.22	23.23	23.18	15.78	0.0378
10	1	25		23.16	23.20	23.08		
10	1	49		23.14	23.10	23.09		
10	25	0		21.92	21.90	21.87		
10	25	12		21.93	21.87	21.87		
10	25	25		21.88	21.86	21.84		
10	50	0		21.89	21.88	21.84		
10	1	0	64-QAM	21.99	22.02	22.26	14.81	0.0303
10	1	25		21.98	22.14	22.02		
10	1	49		22.17	22.01	22.04		
10	25	0		20.92	20.90	20.87		
10	25	12		20.90	20.87	20.86		
10	25	25		20.89	20.86	20.84		
10	50	0		20.89	20.90	20.85		
10	1	0	256-QAM	19.21	18.97	19.12	11.76	0.0150
10	1	25		19.10	19.10	19.08		
10	1	49		19.04	19.11	19.03		
10	25	0		18.92	18.92	18.82		
10	25	12		18.88	18.95	18.86		
10	25	25		18.97	18.97	18.95		
10	50	0		18.82	18.91	18.91		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.79	23.77	23.75	16.34	0.0431
5	1	12		23.60	23.64	23.68		
5	1	24		23.65	23.72	23.70		
5	12	0		22.82	22.87	22.90		
5	12	7		22.86	22.86	22.85		
5	12	13		22.74	22.82	22.76		
5	25	0		22.75	22.86	22.81		
5	1	0	16-QAM	23.20	23.14	23.12	15.75	0.0376
5	1	12		23.06	23.13	23.03		
5	1	24		23.11	23.07	23.09		
5	12	0		21.85	21.86	21.81		
5	12	7		21.93	21.77	21.84		
5	12	13		21.82	21.85	21.78		
5	25	0		21.81	21.86	21.79		
5	1	0	64-QAM	21.99	21.93	22.16	14.71	0.0296
5	1	12		21.92	22.14	22.02		
5	1	24		22.11	21.99	22.03		
5	12	0		20.83	20.82	20.79		
5	12	7		20.82	20.80	20.81		
5	12	13		20.86	20.85	20.76		
5	25	0		20.88	20.83	20.80		
5	1	0	256-QAM	19.18	18.88	19.11	11.73	0.0149
5	1	12		18.92	19.03	19.02		
5	1	24		19.03	19.02	19.00		
5	12	0		18.79	18.90	18.81		
5	12	7		18.80	18.91	18.79		
5	12	13		18.97	18.95	18.96		
5	25	0		18.87	18.85	18.79		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.76	23.84	23.80	16.39	0.0436
3	1	8		23.64	23.63	23.66		
3	1	14		23.68	23.70	23.62		
3	8	0		22.83	22.91	22.90		
3	8	4		22.89	22.86	22.76		
3	8	7		22.79	22.86	22.75		
3	15	0		22.81	22.77	22.81		
3	1	0	16-QAM	23.20	23.14	23.13	15.75	0.0376
3	1	8		23.09	23.17	23.07		
3	1	14		23.09	23.09	23.07		
3	8	0		21.85	21.83	21.87		
3	8	4		21.87	21.77	21.79		
3	8	7		21.84	21.80	21.79		
3	15	0		21.88	21.79	21.83		
3	1	0	64-QAM	21.89	21.97	22.21	14.76	0.0299
3	1	8		21.89	22.09	21.98		
3	1	14		22.16	21.97	21.96		
3	8	0		20.84	20.80	20.86		
3	8	4		20.83	20.87	20.82		
3	8	7		20.89	20.81	20.80		
3	15	0		20.87	20.84	20.75		
3	1	0	256-QAM	19.20	18.97	19.09	11.75	0.0150
3	1	8		18.97	19.01	19.00		
3	1	14		18.94	19.07	19.04		
3	8	0		18.85	18.83	18.87		
3	8	4		18.82	18.89	18.90		
3	8	7		18.91	18.94	18.87		
3	15	0		18.86	18.86	18.84		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.84	23.84	23.78	16.40	0.0437
1.4	1	3		23.82	23.76	23.70		
1.4	1	5		23.85	23.84	23.76		
1.4	3	0		23.84	23.78	23.71		
1.4	3	1		23.82	23.82	23.82		
1.4	3	3		23.83	23.83	23.79		
1.4	6	0		22.81	22.82	22.76		
1.4	1	0	16-QAM	23.12	23.11	22.95	15.67	0.0369
1.4	1	3		23.00	23.01	22.86		
1.4	1	5		23.12	23.09	23.04		
1.4	3	0		22.92	22.93	22.90		
1.4	3	1		22.99	22.98	22.91		
1.4	3	3		22.98	22.95	22.82		
1.4	6	0		21.91	21.89	21.83		
1.4	1	0	64-QAM	22.10	22.05	21.87	14.69	0.0294
1.4	1	3		22.12	21.93	21.92		
1.4	1	5		22.14	21.98	21.95		
1.4	3	0		21.95	21.91	21.83		
1.4	3	1		22.01	21.92	21.88		
1.4	3	3		21.97	21.93	21.86		
1.4	6	0		20.87	20.88	20.80		
1.4	1	0	256-QAM	19.15	18.87	19.12	11.70	0.0148
1.4	1	3		18.97	19.07	19.01		
1.4	1	5		19.05	19.09	19.06		
1.4	3	0		18.90	18.85	18.85		
1.4	3	1		18.93	18.95	18.94		
1.4	3	3		18.87	18.92	18.84		
1.4	6	0		18.85	18.83	18.75		
Limit	ERP < 7W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.67	24.68	24.63	23.78	0.2388
20	1	49		24.31	24.41	24.47		
20	1	99		24.31	24.48	24.44		
20	50	0		23.39	23.50	23.45		
20	50	24		23.41	23.45	23.47		
20	50	50		23.41	23.47	23.49		
20	100	0		23.40	23.44	23.43		
20	1	0	16-QAM	23.55	23.62	23.68	22.92	0.1959
20	1	49		23.50	23.66	23.68		
20	1	99		23.53	23.82	23.60		
20	50	0		22.38	22.42	22.42		
20	50	24		22.39	22.51	22.49		
20	50	50		22.39	22.52	22.46		
20	100	0		22.40	22.46	22.48		
20	1	0	64-QAM	22.61	22.67	22.73	21.87	0.1538
20	1	49		22.61	22.63	22.66		
20	1	99		22.57	22.77	22.68		
20	50	0		21.40	21.54	21.53		
20	50	24		21.45	21.62	21.57		
20	50	50		21.49	21.64	21.61		
20	100	0		21.47	21.56	21.56		
20	1	0	256-QAM	19.76	19.62	19.89	18.99	0.0793
20	1	49		19.50	19.60	19.55		
20	1	99		19.72	19.72	19.63		
20	50	0		19.54	19.56	19.55		
20	50	24		19.53	19.53	19.46		
20	50	50		19.45	19.52	19.47		
20	100	0		19.44	19.54	19.54		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.32	24.48	24.47	23.58	0.2280
15	1	37		24.28	24.35	24.39		
15	1	74		24.26	24.46	24.37		
15	36	0		23.32	23.39	23.45		
15	36	20		23.32	23.39	23.44		
15	36	39		23.37	23.44	23.41		
15	75	0		23.32	23.37	23.40		
15	1	0	16-QAM	23.53	23.54	23.59	22.89	0.1945
15	1	37		23.46	23.56	23.60		
15	1	74		23.51	23.79	23.55		
15	36	0		22.35	22.39	22.34		
15	36	20		22.34	22.41	22.39		
15	36	39		22.38	22.43	22.45		
15	75	0		22.31	22.44	22.45		
15	1	0	64-QAM	22.61	22.59	22.63	21.86	0.1535
15	1	37		22.55	22.53	22.62		
15	1	74		22.47	22.76	22.66		
15	36	0		21.39	21.50	21.47		
15	36	20		21.39	21.60	21.50		
15	36	39		21.42	21.61	21.51		
15	75	0		21.43	21.55	21.54		
15	1	0	256-QAM	19.72	19.58	19.81	18.91	0.0778
15	1	37		19.52	19.53	19.56		
15	1	74		19.57	19.70	19.61		
15	36	0		19.49	19.49	19.54		
15	36	20		19.46	19.49	19.44		
15	36	39		19.44	19.44	19.39		
15	75	0		19.45	19.54	19.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.34	24.43	24.47	23.57	0.2275
10	1	25		24.29	24.35	24.42		
10	1	49		24.26	24.47	24.34		
10	25	0		23.35	23.36	23.35		
10	25	12		23.39	23.41	23.43		
10	25	25		23.39	23.47	23.42		
10	50	0		23.38	23.40	23.44		
10	1	0	16-QAM	23.48	23.62	23.64	22.83	0.1919
10	1	25		23.46	23.60	23.62		
10	1	49		23.51	23.73	23.58		
10	25	0		22.29	22.41	22.36		
10	25	12		22.30	22.48	22.45		
10	25	25		22.31	22.49	22.41		
10	50	0		22.35	22.44	22.38		
10	1	0	64-QAM	22.55	22.67	22.68	21.85	0.1531
10	1	25		22.58	22.62	22.62		
10	1	49		22.56	22.75	22.64		
10	25	0		21.38	21.47	21.50		
10	25	12		21.37	21.60	21.56		
10	25	25		21.42	21.59	21.51		
10	50	0		21.44	21.49	21.46		
10	1	0	256-QAM	19.75	19.60	19.86	18.96	0.0787
10	1	25		19.42	19.59	19.42		
10	1	49		19.59	19.67	19.69		
10	25	0		19.44	19.51	19.50		
10	25	12		19.38	19.53	19.42		
10	25	25		19.45	19.50	19.47		
10	50	0		19.40	19.49	19.43		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.38	24.51	24.49	23.61	0.2296
5	1	12		24.21	24.41	24.40		
5	1	24		24.27	24.38	24.39		
5	12	0		23.35	23.38	23.39		
5	12	7		23.38	23.40	23.41		
5	12	13		23.35	23.47	23.44		
5	25	0		23.37	23.38	23.41		
5	1	0	16-QAM	23.47	23.52	23.61	22.88	0.1941
5	1	12		23.44	23.61	23.64		
5	1	24		23.52	23.78	23.55		
5	12	0		22.31	22.42	22.37		
5	12	7		22.39	22.48	22.48		
5	12	13		22.36	22.44	22.37		
5	25	0		22.38	22.38	22.43		
5	1	0	64-QAM	22.51	22.57	22.63	21.86	0.1535
5	1	12		22.55	22.63	22.61		
5	1	24		22.48	22.76	22.67		
5	12	0		21.39	21.50	21.51		
5	12	7		21.38	21.52	21.50		
5	12	13		21.48	21.57	21.57		
5	25	0		21.41	21.48	21.46		
5	1	0	256-QAM	19.71	19.56	19.85	18.95	0.0785
5	1	12		19.57	19.51	19.48		
5	1	24		19.58	19.72	19.58		
5	12	0		19.49	19.55	19.48		
5	12	7		19.37	19.45	19.49		
5	12	13		19.50	19.44	19.50		
5	25	0		19.38	19.46	19.36		
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	23.88	23.88	23.92	15.77	0.0378
10	1	25		23.75	23.73	23.82		
10	1	49		23.86	23.86	23.87		
10	25	0		22.93	22.95	22.98		
10	25	12		22.92	22.94	22.94		
10	25	25		22.91	22.92	22.97		
10	50	0		22.89	22.91	22.97		
10	1	0	16-QAM	23.26	23.14	23.25	15.18	0.0330
10	1	25		23.13	23.22	23.33		
10	1	49		23.26	23.27	23.11		
10	25	0		21.92	21.94	21.97		
10	25	12		21.95	21.96	21.97		
10	25	25		21.96	21.96	21.98		
10	50	0		21.93	21.93	21.97		
10	1	0	64-QAM	22.25	22.09	22.11	14.10	0.0257
10	1	25		22.15	22.18	22.20		
10	1	49		22.22	22.21	22.16		
10	25	0		20.94	20.93	20.99		
10	25	12		20.96	20.93	21.00		
10	25	25		20.95	20.96	21.00		
10	50	0		20.95	20.96	21.01		
10	1	0	256-QAM	19.31	19.53	19.37	11.38	0.0137
10	1	25		19.06	19.13	19.03		
10	1	49		19.00	19.07	18.98		
10	25	0		19.28	19.34	19.31		
10	25	12		18.96	19.01	18.97		
10	25	25		18.87	18.96	18.87		
10	50	0		19.06	19.15	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	23.83	23.80	23.91	15.76	0.0377
5	1	12		23.71	23.70	23.80		
5	1	24		23.79	23.86	23.80		
5	12	0		22.89	22.86	22.93		
5	12	7		22.90	22.85	22.88		
5	12	13		22.81	22.91	22.96		
5	25	0		22.84	22.85	22.94		
5	1	0	16-QAM	23.16	23.13	23.22	15.10	0.0324
5	1	12		23.05	23.15	23.25		
5	1	24		23.20	23.21	23.11		
5	12	0		21.88	21.94	21.95		
5	12	7		21.88	21.92	21.91		
5	12	13		21.94	21.88	21.88		
5	25	0		21.92	21.85	21.97		
5	1	0	64-QAM	22.15	22.03	22.01	14.05	0.0254
5	1	12		22.10	22.17	22.11		
5	1	24		22.20	22.18	22.12		
5	12	0		20.86	20.83	20.96		
5	12	7		20.89	20.88	20.97		
5	12	13		20.86	20.88	20.96		
5	25	0		20.88	20.86	20.99		
5	1	0	256-QAM	19.21	19.48	19.28	11.33	0.0136
5	1	12		19.05	19.03	19.00		
5	1	24		18.96	19.03	18.97		
5	12	0		19.25	19.24	19.26		
5	12	7		18.97	18.93	18.88		
5	12	13		18.87	18.86	18.89		
5	25	0		19.03	19.14	19.07		
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	23.83	23.87	23.85	15.72	0.0373
3	1	8		23.71	23.70	23.82		
3	1	14		23.79	23.80	23.77		
3	8	0		22.91	22.85	22.89		
3	8	4		22.91	22.91	22.84		
3	8	7		22.88	22.92	22.89		
3	15	0		22.82	22.86	22.90		
3	1	0	16-QAM	23.23	23.10	23.15	15.15	0.0327
3	1	8		23.04	23.12	23.30		
3	1	14		23.20	23.27	23.11		
3	8	0		21.91	21.90	21.96		
3	8	4		21.87	21.92	21.96		
3	8	7		21.96	21.91	21.92		
3	15	0		21.86	21.83	21.93		
3	1	0	64-QAM	22.17	22.07	22.11	14.05	0.0254
3	1	8		22.10	22.17	22.20		
3	1	14		22.13	22.13	22.12		
3	8	0		20.85	20.84	20.94		
3	8	4		20.89	20.83	20.98		
3	8	7		20.86	20.95	20.90		
3	15	0		20.89	20.91	20.97		
3	1	0	256-QAM	19.24	19.51	19.31	11.36	0.0137
3	1	8		19.08	19.12	19.02		
3	1	14		19.05	19.01	18.92		
3	8	0		19.22	19.33	19.29		
3	8	4		18.82	18.97	18.96		
3	8	7		18.91	18.89	18.92		
3	15	0		18.97	19.07	19.01		
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	23.85	23.88	23.87	15.76	0.0377
1.4	1	3		23.82	23.81	23.84		
1.4	1	5		23.90	23.91	23.88		
1.4	3	0		23.82	23.82	23.81		
1.4	3	1		23.83	23.89	23.89		
1.4	3	3		23.87	23.89	23.87		
1.4	6	0		22.90	22.89	22.89		
1.4	1	0	16-QAM	23.16	23.17	23.17	15.08	0.0322
1.4	1	3		23.12	23.12	23.08		
1.4	1	5		23.17	23.23	23.15		
1.4	3	0		23.00	22.98	22.98		
1.4	3	1		23.03	23.03	23.06		
1.4	3	3		23.02	23.01	22.97		
1.4	6	0		21.97	21.95	21.96		
1.4	1	0	64-QAM	22.11	22.08	22.16	14.01	0.0252
1.4	1	3		22.02	22.07	22.06		
1.4	1	5		22.12	22.15	22.08		
1.4	3	0		21.98	21.96	21.96		
1.4	3	1		22.04	22.01	22.02		
1.4	3	3		22.00	21.96	21.97		
1.4	6	0		20.95	20.93	20.93		
1.4	1	0	256-QAM	19.28	19.48	19.33	11.33	0.0136
1.4	1	3		19.00	19.11	19.06		
1.4	1	5		18.87	18.99	19.02		
1.4	3	0		19.29	19.24	19.21		
1.4	3	1		18.91	18.93	18.94		
1.4	3	3		18.85	18.91	18.92		
1.4	6	0		19.05	19.14	19.03		
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	23.78	23.82	23.86	15.71	0.0372
10	1	25		23.72	23.70	23.74		
10	1	49		23.75	23.78	23.78		
10	25	0		22.83	22.86	22.91		
10	25	12		22.84	22.86	22.89		
10	25	25		22.84	22.86	22.90		
10	50	0		22.84	22.84	22.88		
10	1	0	16-QAM	23.05	23.07	23.10	15.06	0.0321
10	1	25		23.12	23.17	23.21		
10	1	49		23.21	23.10	23.12		
10	25	0		21.85	21.87	21.88		
10	25	12		21.85	21.89	21.89		
10	25	25		21.86	21.88	21.90		
10	50	0		21.84	21.86	21.90		
10	1	0	64-QAM	21.93	22.06	22.17	14.05	0.0254
10	1	25		22.08	22.15	22.20		
10	1	49		22.12	22.16	22.17		
10	25	0		20.87	20.88	20.93		
10	25	12		20.88	20.88	20.88		
10	25	25		20.88	20.89	20.90		
10	50	0		20.89	20.90	20.94		
10	1	0	256-QAM	19.26	19.21	19.19	11.11	0.0129
10	1	25		19.09	19.10	19.05		
10	1	49		18.87	18.89	18.82		
10	25	0		19.01	19.08	19.03		
10	25	12		18.88	18.93	18.87		
10	25	25		18.94	18.96	18.95		
10	50	0		18.87	18.95	18.92		
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	23.74	23.78	23.82	15.67	0.0369
5	1	12		23.71	23.70	23.72		
5	1	24		23.74	23.72	23.71		
5	12	0		22.83	22.80	22.85		
5	12	7		22.80	22.82	22.79		
5	12	13		22.78	22.80	22.85		
5	25	0		22.81	22.74	22.85		
5	1	0	16-QAM	22.95	23.00	23.09	15.03	0.0318
5	1	12		23.03	23.14	23.18		
5	1	24		23.18	23.06	23.07		
5	12	0		21.80	21.85	21.79		
5	12	7		21.80	21.89	21.81		
5	12	13		21.83	21.80	21.87		
5	25	0		21.79	21.80	21.90		
5	1	0	64-QAM	21.91	22.01	22.13	14.01	0.0252
5	1	12		22.07	22.11	22.16		
5	1	24		22.12	22.13	22.15		
5	12	0		20.83	20.79	20.88		
5	12	7		20.84	20.86	20.78		
5	12	13		20.79	20.88	20.84		
5	25	0		20.82	20.88	20.92		
5	1	0	256-QAM	19.20	19.18	19.11	11.05	0.0127
5	1	12		19.03	19.09	19.03		
5	1	24		18.86	18.89	18.76		
5	12	0		18.91	19.05	19.00		
5	12	7		18.78	18.86	18.85		
5	12	13		18.84	18.90	18.93		
5	25	0		18.87	18.92	18.91		
Limit	ERP < 3W			Result			Pass	



LTE Band 38 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	24.48	24.47	24.49	23.79	0.2393
20	1	49		24.34	24.36	24.38		
20	1	99		24.32	24.35	24.31		
20	50	0		23.44	23.48	23.45		
20	50	24		23.44	23.47	23.43		
20	50	50		23.42	23.43	23.41		
20	100	0		23.43	23.46	23.45		
20	1	0	16-QAM	23.54	23.55	23.57	22.87	0.1936
20	1	49		23.38	23.43	23.46		
20	1	99		23.40	23.41	23.39		
20	50	0		22.46	22.47	22.50		
20	50	24		22.45	22.44	22.49		
20	50	50		22.41	22.41	22.43		
20	100	0		22.45	22.47	22.44		
20	1	0	64-QAM	22.35	22.29	22.32	21.65	0.1462
20	1	49		22.26	22.21	22.19		
20	1	99		22.23	22.20	22.18		
20	50	0		21.44	21.45	21.48		
20	50	24		21.43	21.43	21.45		
20	50	50		21.40	21.39	21.42		
20	100	0		21.44	21.43	21.42		
20	1	0	256-QAM	19.19	19.02	19.05	18.55	0.0716
20	1	49		18.73	18.78	18.76		
20	1	99		18.75	18.76	18.76		
20	50	0		19.25	19.25	19.18		
20	50	24		19.10	19.18	19.10		
20	50	50		19.03	19.12	19.09		
20	100	0		19.07	19.14	19.14		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 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	24.42	24.38	24.45	23.75	0.2371
15	1	37		24.26	24.33	24.29		
15	1	74		24.26	24.32	24.28		
15	36	0		23.34	23.41	23.40		
15	36	20		23.43	23.41	23.33		
15	36	39		23.40	23.40	23.36		
15	75	0		23.41	23.39	23.38		
15	1	0	16-QAM	23.51	23.51	23.49	22.81	0.1910
15	1	37		23.34	23.38	23.40		
15	1	74		23.34	23.31	23.37		
15	36	0		22.45	22.46	22.50		
15	36	20		22.38	22.40	22.47		
15	36	39		22.41	22.31	22.37		
15	75	0		22.40	22.44	22.43		
15	1	0	64-QAM	22.25	22.24	22.28	21.58	0.1439
15	1	37		22.24	22.19	22.19		
15	1	74		22.16	22.20	22.16		
15	36	0		21.38	21.42	21.39		
15	36	20		21.39	21.41	21.36		
15	36	39		21.30	21.32	21.39		
15	75	0		21.41	21.40	21.40		
15	1	0	256-QAM	19.11	18.98	18.97	18.55	0.0716
15	1	37		18.70	18.73	18.73		
15	1	74		18.70	18.72	18.72		
15	36	0		19.19	19.25	19.12		
15	36	20		19.09	19.18	19.08		
15	36	39		18.94	19.04	18.99		
15	75	0		19.07	19.11	19.06		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 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	24.39	24.47	24.47	23.77	0.2382
10	1	25		24.24	24.33	24.34		
10	1	49		24.22	24.30	24.28		
10	25	0		23.38	23.39	23.42		
10	25	12		23.36	23.38	23.41		
10	25	25		23.33	23.38	23.38		
10	50	0		23.37	23.36	23.43		
10	1	0	16-QAM	23.49	23.52	23.50	22.82	0.1914
10	1	25		23.30	23.34	23.39		
10	1	49		23.33	23.35	23.35		
10	25	0		22.41	22.43	22.48		
10	25	12		22.42	22.42	22.45		
10	25	25		22.41	22.34	22.36		
10	50	0		22.41	22.42	22.40		
10	1	0	64-QAM	22.30	22.29	22.22	21.60	0.1445
10	1	25		22.21	22.13	22.13		
10	1	49		22.23	22.16	22.11		
10	25	0		21.34	21.41	21.47		
10	25	12		21.42	21.37	21.37		
10	25	25		21.37	21.35	21.40		
10	50	0		21.41	21.36	21.38		
10	1	0	256-QAM	19.14	18.97	19.00	18.52	0.0711
10	1	25		18.73	18.70	18.73		
10	1	49		18.71	18.75	18.72		
10	25	0		19.15	19.22	19.18		
10	25	12		19.00	19.10	19.08		
10	25	25		19.02	19.09	18.96		
10	50	0		19.02	19.14	19.04		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 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	24.38	24.42	24.48	23.78	0.2388
5	1	12		24.34	24.36	24.37		
5	1	24		24.23	24.33	24.24		
5	12	0		23.38	23.44	23.37		
5	12	7		23.44	23.47	23.35		
5	12	13		23.35	23.33	23.37		
5	25	0		23.43	23.45	23.45		
5	1	0	16-QAM	23.48	23.50	23.53	22.83	0.1919
5	1	12		23.36	23.39	23.44		
5	1	24		23.30	23.37	23.32		
5	12	0		22.44	22.38	22.44		
5	12	7		22.42	22.35	22.43		
5	12	13		22.39	22.34	22.37		
5	25	0		22.36	22.41	22.40		
5	1	0	64-QAM	22.31	22.26	22.29	21.61	0.1449
5	1	12		22.26	22.12	22.15		
5	1	24		22.23	22.20	22.10		
5	12	0		21.44	21.45	21.40		
5	12	7		21.42	21.34	21.45		
5	12	13		21.35	21.36	21.38		
5	25	0		21.35	21.42	21.33		
5	1	0	256-QAM	19.09	19.00	19.00	18.48	0.0705
5	1	12		18.75	18.72	18.70		
5	1	24		18.73	18.72	18.70		
5	12	0		19.15	19.15	19.18		
5	12	7		19.07	19.16	19.06		
5	12	13		18.96	19.05	19.03		
5	25	0		18.96	19.11	19.11		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 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	24.50	24.54	24.70	24.00	0.2512
20	1	49		24.39	24.43	24.52		
20	1	99		24.36	24.44	24.48		
20	50	0		22.49	22.52	22.72		
20	50	24		22.47	22.50	22.70		
20	50	50		22.44	22.50	22.70		
20	100	0		22.47	22.50	22.62		
20	1	0	16-QAM	23.51	23.61	23.68	22.98	0.1986
20	1	49		23.37	23.45	23.54		
20	1	99		23.37	23.46	23.50		
20	50	0		21.48	21.50	21.66		
20	50	24		21.47	21.49	21.63		
20	50	50		21.46	21.47	21.59		
20	100	0		21.47	21.53	21.63		
20	1	0	64-QAM	22.49	22.40	22.49	21.79	0.1510
20	1	49		22.36	22.29	22.32		
20	1	99		22.34	22.27	22.25		
20	50	0		20.49	20.52	20.68		
20	50	24		20.47	20.51	20.64		
20	50	50		20.43	20.48	20.58		
20	100	0		20.46	20.49	20.61		
20	1	0	256-QAM	19.46	19.49	19.54	18.84	0.0766
20	1	49		19.27	19.21	19.28		
20	1	99		19.10	19.13	19.16		
20	50	0		17.29	17.28	17.37		
20	50	24		17.63	17.55	17.64		
20	50	50		17.49	17.53	17.57		
20	100	0		17.60	17.59	17.67		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 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	24.43	24.46	24.61	23.91	0.2460
15	1	37		24.36	24.43	24.44		
15	1	74		24.27	24.40	24.39		
15	36	0		22.44	22.48	22.62		
15	36	20		22.38	22.44	22.70		
15	36	39		22.42	22.46	22.69		
15	75	0		22.41	22.45	22.58		
15	1	0	16-QAM	23.51	23.57	23.59	22.89	0.1945
15	1	37		23.31	23.36	23.45		
15	1	74		23.31	23.36	23.45		
15	36	0		21.43	21.44	21.62		
15	36	20		21.43	21.46	21.57		
15	36	39		21.45	21.41	21.53		
15	75	0		21.46	21.44	21.53		
15	1	0	64-QAM	22.47	22.30	22.46	21.77	0.1503
15	1	37		22.29	22.27	22.28		
15	1	74		22.24	22.26	22.19		
15	36	0		20.42	20.42	20.66		
15	36	20		20.43	20.47	20.56		
15	36	39		20.40	20.40	20.56		
15	75	0		20.43	20.49	20.55		
15	1	0	256-QAM	19.39	19.42	19.47	18.77	0.0753
15	1	37		19.23	19.18	19.18		
15	1	74		19.06	19.03	19.10		
15	36	0		17.24	17.22	17.36		
15	36	20		17.58	17.45	17.62		
15	36	39		17.41	17.45	17.55		
15	75	0		17.57	17.51	17.57		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 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	24.40	24.44	24.68	23.98	0.2500
10	1	25		24.32	24.37	24.49		
10	1	49		24.34	24.37	24.47		
10	25	0		22.44	22.42	22.64		
10	25	12		22.43	22.46	22.60		
10	25	25		22.44	22.50	22.61		
10	50	0		22.39	22.48	22.54		
10	1	0	16-QAM	23.49	23.55	23.68	22.98	0.1986
10	1	25		23.37	23.44	23.52		
10	1	49		23.33	23.45	23.49		
10	25	0		21.45	21.45	21.63		
10	25	12		21.42	21.44	21.59		
10	25	25		21.37	21.45	21.59		
10	50	0		21.47	21.43	21.62		
10	1	0	64-QAM	22.44	22.33	22.43	21.74	0.1493
10	1	25		22.29	22.21	22.24		
10	1	49		22.28	22.24	22.25		
10	25	0		20.41	20.52	20.62		
10	25	12		20.37	20.50	20.64		
10	25	25		20.38	20.38	20.48		
10	50	0		20.37	20.39	20.59		
10	1	0	256-QAM	19.43	19.49	19.52	18.82	0.0762
10	1	25		19.24	19.18	19.28		
10	1	49		19.06	19.13	19.14		
10	25	0		17.24	17.24	17.29		
10	25	12		17.57	17.48	17.55		
10	25	25		17.47	17.43	17.53		
10	50	0		17.57	17.50	17.65		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 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	24.41	24.47	24.60	23.90	0.2455
5	1	12		24.29	24.34	24.44		
5	1	24		24.32	24.43	24.38		
5	12	0		22.39	22.42	22.71		
5	12	7		22.37	22.40	22.60		
5	12	13		22.43	22.43	22.67		
5	25	0		22.42	22.40	22.62		
5	1	0	16-QAM	23.51	23.52	23.66	22.96	0.1977
5	1	12		23.36	23.42	23.49		
5	1	24		23.28	23.41	23.46		
5	12	0		21.44	21.47	21.58		
5	12	7		21.44	21.47	21.61		
5	12	13		21.37	21.38	21.55		
5	25	0		21.38	21.49	21.57		
5	1	0	64-QAM	22.44	22.31	22.40	21.74	0.1493
5	1	12		22.35	22.23	22.32		
5	1	24		22.30	22.26	22.25		
5	12	0		20.46	20.45	20.58		
5	12	7		20.41	20.44	20.64		
5	12	13		20.33	20.48	20.56		
5	25	0		20.44	20.43	20.61		
5	1	0	256-QAM	19.42	19.48	19.49	18.79	0.0757
5	1	12		19.17	19.12	19.22		
5	1	24		19.10	19.03	19.16		
5	12	0		17.29	17.20	17.33		
5	12	7		17.56	17.51	17.63		
5	12	13		17.49	17.52	17.55		
5	25	0		17.56	17.50	17.66		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.02	26.12	26.27	25.57	0.3606
20	1	49		25.93	26.06	26.12		
20	1	99		25.93	26.08	26.11		
20	50	0		24.10	24.19	24.28		
20	50	24		24.09	24.18	24.27		
20	50	50		24.06	24.17	24.22		
20	100	0		24.07	24.15	24.24		
20	1	0	16-QAM	25.53	25.65	25.68	24.98	0.3148
20	1	49		25.31	25.29	25.47		
20	1	99		25.31	25.33	25.45		
20	50	0		23.12	23.19	23.32		
20	50	24		23.11	23.20	23.27		
20	50	50		23.08	23.18	23.24		
20	100	0		23.08	23.18	23.26		
20	1	0	64-QAM	24.11	24.43	24.65	23.95	0.2483
20	1	49		24.27	24.29	24.39		
20	1	99		24.15	24.27	24.31		
20	50	0		22.10	22.16	22.25		
20	50	24		22.06	22.15	22.19		
20	50	50		22.04	22.13	22.17		
20	100	0		22.06	22.14	22.22		
20	1	0	256-QAM	21.06	21.15	21.16	20.46	0.1112
20	1	49		20.81	20.81	20.91		
20	1	99		20.79	20.70	20.80		
20	50	0		19.38	19.39	19.44		
20	50	24		19.33	19.33	19.43		
20	50	50		19.29	19.27	19.35		
20	100	0		19.26	19.34	19.34		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.94	26.02	26.24	25.54	0.3581
15	1	37		25.91	26.01	26.02		
15	1	74		25.83	26.08	26.08		
15	36	0		24.07	24.11	24.22		
15	36	20		24.01	24.12	24.21		
15	36	39		24.04	24.14	24.15		
15	75	0		24.07	24.10	24.20		
15	1	0	16-QAM	25.52	25.59	25.60	24.90	0.3090
15	1	37		25.29	25.26	25.42		
15	1	74		25.22	25.23	25.37		
15	36	0		23.08	23.15	23.26		
15	36	20		23.05	23.10	23.18		
15	36	39		22.99	23.10	23.16		
15	75	0		23.07	23.10	23.21		
15	1	0	64-QAM	24.08	24.34	24.60	23.90	0.2455
15	1	37		24.25	24.28	24.29		
15	1	74		24.15	24.21	24.23		
15	36	0		22.08	22.11	22.24		
15	36	20		21.98	22.06	22.16		
15	36	39		21.99	22.03	22.17		
15	75	0		22.05	22.07	22.16		
15	1	0	256-QAM	21.03	21.09	21.10	20.40	0.1096
15	1	37		20.78	20.73	20.85		
15	1	74		20.77	20.70	20.73		
15	36	0		19.35	19.31	19.35		
15	36	20		19.24	19.25	19.39		
15	36	39		19.23	19.25	19.30		
15	75	0		19.22	19.29	19.27		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.97	26.04	26.25	25.55	0.3589
10	1	25		25.85	26.01	26.10		
10	1	49		25.91	26.02	26.06		
10	25	0		24.02	24.12	24.28		
10	25	12		24.08	24.10	24.27		
10	25	25		24.05	24.15	24.19		
10	50	0		23.99	24.09	24.16		
10	1	0	16-QAM	25.44	25.61	25.60	24.91	0.3097
10	1	25		25.26	25.27	25.42		
10	1	49		25.25	25.27	25.44		
10	25	0		23.09	23.17	23.30		
10	25	12		23.06	23.12	23.19		
10	25	25		23.08	23.17	23.21		
10	50	0		22.99	23.12	23.23		
10	1	0	64-QAM	24.08	24.43	24.64	23.94	0.2477
10	1	25		24.24	24.29	24.39		
10	1	49		24.10	24.20	24.22		
10	25	0		22.09	22.12	22.17		
10	25	12		22.06	22.08	22.17		
10	25	25		21.98	22.10	22.17		
10	50	0		22.02	22.06	22.18		
10	1	0	256-QAM	20.96	21.12	21.06	20.42	0.1102
10	1	25		20.72	20.79	20.83		
10	1	49		20.79	20.68	20.77		
10	25	0		19.34	19.37	19.39		
10	25	12		19.26	19.26	19.35		
10	25	25		19.22	19.20	19.30		
10	50	0		19.21	19.30	19.30		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) 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	25.99	26.09	26.20	25.50	0.3548
5	1	12		25.90	26.01	26.03		
5	1	24		25.89	25.98	26.04		
5	12	0		24.03	24.15	24.24		
5	12	7		24.06	24.18	24.19		
5	12	13		24.05	24.17	24.22		
5	25	0		23.97	24.10	24.24		
5	1	0	16-QAM	25.52	25.62	25.68	24.98	0.3148
5	1	12		25.22	25.21	25.46		
5	1	24		25.23	25.23	25.41		
5	12	0		23.08	23.10	23.32		
5	12	7		23.07	23.19	23.21		
5	12	13		23.07	23.10	23.16		
5	25	0		23.01	23.08	23.25		
5	1	0	64-QAM	24.06	24.40	24.60	23.90	0.2455
5	1	12		24.27	24.25	24.31		
5	1	24		24.07	24.27	24.27		
5	12	0		22.03	22.10	22.24		
5	12	7		21.98	22.07	22.13		
5	12	13		21.99	22.10	22.13		
5	25	0		22.01	22.04	22.14		
5	1	0	256-QAM	20.99	21.06	21.09	20.39	0.1094
5	1	12		20.78	20.72	20.89		
5	1	24		20.73	20.61	20.71		
5	12	0		19.35	19.35	19.44		
5	12	7		19.27	19.26	19.34		
5	12	13		19.27	19.17	19.26		
5	25	0		19.26	19.33	19.26		
Limit	EIRP < 2W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.04	24.35	24.33	20.25	0.1059
20	1	49		23.96	24.06	24.03		
20	1	99		24.03	23.88	23.86		
20	50	0		23.21	23.31	23.29		
20	50	24		23.18	23.24	23.20		
20	50	50		23.20	23.13	23.07		
20	100	0		23.20	23.22	23.19		
20	1	0	16-QAM	23.36	23.58	23.65	19.55	0.0902
20	1	49		23.27	23.26	23.20		
20	1	99		23.30	23.16	23.13		
20	50	0		22.18	22.31	22.30		
20	50	24		22.22	22.26	22.22		
20	50	50		22.22	22.15	22.10		
20	100	0		22.21	22.20	22.18		
20	1	0	64-QAM	22.35	22.56	22.69	18.59	0.0723
20	1	49		22.36	22.23	22.28		
20	1	99		22.30	22.19	22.12		
20	50	0		21.25	21.36	21.37		
20	50	24		21.29	21.30	21.26		
20	50	50		21.27	21.20	21.12		
20	100	0		21.24	21.24	21.23		
20	1	0	256-QAM	19.45	19.48	19.71	15.61	0.0364
20	1	49		19.36	19.42	19.36		
20	1	99		19.31	19.33	19.23		
20	50	0		19.17	19.26	19.17		
20	50	24		19.14	19.21	19.12		
20	50	50		19.10	19.20	19.13		
20	100	0		19.21	19.21	19.11		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.03	24.33	24.23	20.23	0.1054
15	1	37		23.96	24.00	24.03		
15	1	74		24.01	23.84	23.77		
15	36	0		23.11	23.25	23.20		
15	36	20		23.15	23.18	23.13		
15	36	39		23.19	23.08	23.07		
15	75	0		23.16	23.22	23.11		
15	1	0	16-QAM	23.34	23.52	23.62	19.52	0.0895
15	1	37		23.27	23.24	23.20		
15	1	74		23.26	23.14	23.08		
15	36	0		22.11	22.26	22.23		
15	36	20		22.21	22.16	22.22		
15	36	39		22.14	22.15	22.08		
15	75	0		22.12	22.11	22.09		
15	1	0	64-QAM	22.31	22.48	22.61	18.51	0.0710
15	1	37		22.31	22.18	22.22		
15	1	74		22.27	22.09	22.04		
15	36	0		21.25	21.33	21.31		
15	36	20		21.23	21.21	21.16		
15	36	39		21.17	21.11	21.08		
15	75	0		21.14	21.14	21.13		
15	1	0	256-QAM	19.35	19.48	19.63	15.53	0.0357
15	1	37		19.33	19.33	19.27		
15	1	74		19.24	19.29	19.32		
15	36	0		19.22	19.18	19.13		
15	36	20		19.16	19.12	19.10		
15	36	39		19.15	19.20	19.07		
15	75	0		19.18	19.18	19.14		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.02	24.33	24.27	20.23	0.1054
10	1	25		23.93	24.03	23.93		
10	1	49		23.98	23.79	23.85		
10	25	0		23.06	23.21	23.19		
10	25	12		23.10	23.24	23.16		
10	25	25		23.16	23.13	23.07		
10	50	0		23.18	23.16	23.15		
10	1	0	16-QAM	23.26	23.48	23.56	19.46	0.0883
10	1	25		23.19	23.20	23.17		
10	1	49		23.30	23.07	23.06		
10	25	0		22.11	22.31	22.29		
10	25	12		22.15	22.21	22.22		
10	25	25		22.22	22.08	22.04		
10	50	0		22.19	22.14	22.17		
10	1	0	64-QAM	22.31	22.50	22.67	18.57	0.0719
10	1	25		22.30	22.21	22.18		
10	1	49		22.28	22.12	22.05		
10	25	0		21.22	21.27	21.27		
10	25	12		21.29	21.22	21.18		
10	25	25		21.26	21.19	21.04		
10	50	0		21.19	21.22	21.18		
10	1	0	256-QAM	19.40	19.43	19.68	15.58	0.0361
10	1	25		19.41	19.32	19.34		
10	1	49		19.25	19.25	19.26		
10	25	0		19.12	19.20	19.09		
10	25	12		19.16	19.14	19.09		
10	25	25		19.16	19.11	19.11		
10	50	0		19.17	19.15	19.18		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.00	24.31	24.25	20.21	0.1050
5	1	12		23.86	23.97	23.93		
5	1	24		23.93	23.81	23.79		
5	12	0		23.13	23.24	23.26		
5	12	7		23.12	23.17	23.19		
5	12	13		23.16	23.11	23.03		
5	25	0		23.11	23.16	23.17		
5	1	0	16-QAM	23.27	23.48	23.55	19.45	0.0881
5	1	12		23.22	23.21	23.13		
5	1	24		23.28	23.13	23.12		
5	12	0		22.09	22.22	22.22		
5	12	7		22.22	22.16	22.17		
5	12	13		22.22	22.15	22.05		
5	25	0		22.21	22.17	22.09		
5	1	0	64-QAM	22.35	22.50	22.62	18.52	0.0711
5	1	12		22.28	22.18	22.26		
5	1	24		22.29	22.14	22.04		
5	12	0		21.15	21.34	21.29		
5	12	7		21.19	21.26	21.23		
5	12	13		21.24	21.11	21.06		
5	25	0		21.20	21.24	21.17		
5	1	0	256-QAM	19.45	19.41	19.70	15.60	0.0363
5	1	12		19.31	19.34	19.34		
5	1	24		19.25	19.29	19.24		
5	12	0		19.20	19.19	19.11		
5	12	7		19.09	19.14	19.14		
5	12	13		19.12	19.16	19.02		
5	25	0		19.12	19.17	19.09		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.97	24.32	24.24	20.22	0.1052
3	1	8		23.91	24.02	23.94		
3	1	14		24.03	23.85	23.82		
3	8	0		23.11	23.28	23.19		
3	8	4		23.11	23.24	23.20		
3	8	7		23.13	23.03	23.00		
3	15	0		23.10	23.19	23.10		
3	1	0	16-QAM	23.27	23.56	23.60	19.50	0.0891
3	1	8		23.17	23.25	23.10		
3	1	14		23.24	23.09	23.11		
3	8	0		22.13	22.28	22.26		
3	8	4		22.19	22.20	22.20		
3	8	7		22.18	22.13	22.01		
3	15	0		22.15	22.11	22.12		
3	1	0	64-QAM	22.30	22.56	22.60	18.50	0.0708
3	1	8		22.33	22.17	22.24		
3	1	14		22.21	22.12	22.12		
3	8	0		21.20	21.29	21.32		
3	8	4		21.21	21.23	21.19		
3	8	7		21.25	21.20	21.05		
3	15	0		21.23	21.19	21.19		
3	1	0	256-QAM	19.39	19.44	19.63	15.53	0.0357
3	1	8		19.32	19.37	19.28		
3	1	14		19.18	19.26	19.14		
3	8	0		19.21	19.25	19.14		
3	8	4		19.09	19.12	19.05		
3	8	7		19.07	19.10	19.08		
3	15	0		19.07	19.17	19.10		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.99	24.05	23.95	19.95	0.0989
1.4	1	3		23.95	23.93	23.79		
1.4	1	5		23.98	24.02	23.90		
1.4	3	0		23.89	23.96	23.80		
1.4	3	1		23.94	23.99	23.88		
1.4	3	3		23.93	23.98	23.89		
1.4	6	0		22.97	23.01	22.86		
1.4	1	0	16-QAM	23.26	23.29	23.18	19.20	0.0832
1.4	1	3		23.16	23.10	23.02		
1.4	1	5		23.30	23.30	23.14		
1.4	3	0		23.02	23.10	22.97		
1.4	3	1		23.08	23.18	23.03		
1.4	3	3		23.12	23.11	22.98		
1.4	6	0		22.04	22.07	21.93		
1.4	1	0	64-QAM	22.19	22.17	22.08	18.13	0.0650
1.4	1	3		22.16	22.15	22.05		
1.4	1	5		22.23	22.17	22.09		
1.4	3	0		22.04	22.11	21.98		
1.4	3	1		22.18	22.20	22.08		
1.4	3	3		22.19	22.19	22.03		
1.4	6	0		21.06	21.02	20.90		
1.4	1	0	256-QAM	19.42	19.42	19.65	15.55	0.0359
1.4	1	3		19.31	19.38	19.26		
1.4	1	5		19.16	19.23	19.28		
1.4	3	0		19.09	19.19	19.15		
1.4	3	1		19.08	19.14	19.10		
1.4	3	3		19.01	19.16	19.08		
1.4	6	0		19.10	19.17	19.11		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -5.3 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	20.76	21.02	20.56	15.05	0.0320
10+10	1	0	1	49		15.69	15.75	15.58		
10+10	1	49	1	0		22.43	22.48	22.50		
10+10	50	0	50	0	16-QAM	19.83	19.98	19.77	14.51	0.0282
10+10	1	0	1	49		16.24	16.33	16.58		
10+10	1	49	1	0		21.88	21.85	21.96		
10+10	50	0	50	0	64-QAM	19.88	19.95	19.75	12.50	0.0178
10+10	1	0	1	49		16.03	16.22	16.01		
10+10	1	49	1	0		19.85	19.81	19.88		
10+10	50	0	50	0	256-QAM	17.74	17.61	17.54	10.37	0.0109
10+10	1	0	1	49		15.98	15.56	15.85		
10+10	1	49	1	0		17.79	17.74	17.82		
10+5	50	0	25	0	QPSK	20.81	20.78	20.85	15.04	0.0319
10+5	1	0	1	24		13.94	13.73	13.81		
10+5	1	49	1	0		22.35	22.49	22.44		
10+5	50	0	25	0	16-QAM	19.85	19.85	19.87	14.61	0.0289
10+5	1	0	1	24		14.53	14.55	14.56		
10+5	1	49	1	0		22.04	22.06	22.05		
10+5	50	0	25	0	64-QAM	19.84	19.82	19.88	12.43	0.0175
10+5	1	0	1	24		14.35	14.37	14.36		
10+5	1	49	1	0		19.78	19.82	19.77		
10+5	50	0	25	0	256-QAM	17.81	17.53	17.82	10.41	0.0110
10+5	1	0	1	24		14.09	14.08	14.21		
10+5	1	49	1	0		17.85	17.77	17.86		
5+10	25	0	50	0	QPSK	20.90	20.68	20.84	15.14	0.0327
5+10	1	0	1	49		13.88	13.62	13.83		
5+10	1	24	1	0		22.58	22.52	22.59		
5+10	25	0	50	0	16-QAM	19.94	19.80	19.92	14.60	0.0288
5+10	1	0	1	49		14.39	14.44	14.41		
5+10	1	24	1	0		22.03	22.05	21.92		
5+10	25	0	50	0	64-QAM	19.91	19.77	19.92	12.50	0.0178
5+10	1	0	1	49		14.27	14.37	14.18		
5+10	1	24	1	0		19.88	19.82	19.95		
5+10	25	0	50	0	256-QAM	17.93	17.56	17.73	10.53	0.0113
5+10	1	0	1	49		14.22	14.23	14.15		
5+10	1	24	1	0		17.88	17.98	17.77		
Limit	ERP < 7W					Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -5.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	25	0	15	0	QPSK	22.88	22.82	22.84	15.43	0.0349
5+3	1	0	1	14		14.58	14.00	14.55		
5+3	1	24	1	0		22.58	22.52	22.51		
5+3	25	0	15	0	16-QAM	22.92	22.79	22.86	15.76	0.0377
5+3	1	0	1	14		15.21	15.33	15.02		
5+3	1	24	1	0		23.13	23.21	22.95		
5+3	25	0	15	0	64-QAM	22.91	22.82	22.85	15.46	0.0352
5+3	1	0	1	14		14.86	14.78	14.92		
5+3	1	24	1	0		22.86	22.82	22.73		
5+3	25	0	15	0	256-QAM	22.96	22.55	22.89	15.51	0.0356
5+3	1	0	1	14		14.84	14.72	14.85		
5+3	1	24	1	0		22.76	22.56	22.68		
3+5	15	0	25	0	QPSK	22.91	22.69	22.80	16.92	0.0492
3+5	1	0	1	24		14.58	14.04	24.37		
3+5	1	14	1	0		22.51	24.30	22.51		
3+5	15	0	25	0	16-QAM	22.88	22.79	22.86	16.47	0.0444
3+5	1	0	1	24		23.89	23.77	23.92		
3+5	1	14	1	0		23.00	23.10	22.98		
3+5	15	0	25	0	64-QAM	22.93	22.76	22.84	15.53	0.0357
3+5	1	0	1	24		15.06	15.55	15.00		
3+5	1	14	1	0		22.98	22.87	22.89		
3+5	15	0	25	0	256-QAM	22.97	22.61	19.35	15.52	0.0356
3+5	1	0	1	24		14.93	14.88	14.68		
3+5	1	14	1	0		22.95	22.85	22.64		
Limit	ERP < 7W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.9 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	20.99	21.26	21.18	22.43	0.1750
20+20	1	0	1	99		15.26	15.64	16.09		
20+20	1	99	1	0		23.06	23.06	23.33		
20+20	100	0	100	0	16-QAM	19.95	20.27	20.22	22.04	0.1600
20+20	1	0	1	99		15.72	16.04	16.47		
20+20	1	99	1	0		22.62	22.94	22.66		
20+20	100	0	100	0	64-QAM	20.55	20.19	20.15	20.26	0.1062
20+20	1	0	1	99		15.48	15.99	16.40		
20+20	1	99	1	0		20.40	20.58	21.16		
20+20	100	0	100	0	256-QAM	17.91	18.23	18.18	17.60	0.0575
20+20	1	0	1	99		15.47	15.98	16.36		
20+20	1	99	1	0		18.34	18.50	18.45		
20+15	100	0	75	0	QPSK	21.33	21.63	21.51	22.63	0.1832
20+15	1	0	1	74		15.21	15.64	16.03		
20+15	1	99	1	0		23.00	23.53	23.03		
20+15	100	0	75	0	16-QAM	20.47	20.67	20.36	21.61	0.1449
20+15	1	0	1	74		15.28	15.99	16.59		
20+15	1	99	1	0		22.19	22.45	22.51		
20+15	100	0	75	0	64-QAM	19.85	20.44	20.15	19.78	0.0951
20+15	1	0	1	74		15.49	15.73	16.01		
20+15	1	99	1	0		20.22	20.35	20.68		
20+15	100	0	75	0	256-QAM	17.89	18.21	18.09	17.62	0.0578
20+15	1	0	1	74		15.62	16.13	16.10		
20+15	1	99	1	0		18.16	18.52	18.29		
15+20	75	0	100	0	QPSK	20.83	21.20	21.51	22.27	0.1687
15+20	1	0	1	99		14.93	15.55	15.76		
15+20	1	74	1	0		23.17	23.13	23.09		
15+20	75	0	100	0	16-QAM	19.98	20.13	19.98	21.77	0.1503
15+20	1	0	1	99		15.47	15.77	16.22		
15+20	1	74	1	0		22.30	22.36	22.67		
15+20	75	0	100	0	64-QAM	20.41	20.15	20.11	19.74	0.0942
15+20	1	0	1	99		15.40	15.82	16.05		
15+20	1	74	1	0		20.39	20.56	20.64		
15+20	75	0	100	0	256-QAM	17.87	18.08	18.09	17.61	0.0577
15+20	1	0	1	99		15.54	16.04	16.06		
15+20	1	74	1	0		18.39	18.51	18.51		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.9 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	75	0	QPSK	21.42	21.27	21.26	22.24	0.1675
20+10	1	0	1	74		15.18	15.93	15.79		
20+10	1	99	1	0		23.02	23.14	23.10		
20+10	100	0	75	0	16-QAM	19.96	20.26	20.28	22.01	0.1589
20+10	1	0	1	74		15.51	16.06	16.23		
20+10	1	99	1	0		22.63	22.91	22.39		
20+10	100	0	75	0	64-QAM	19.96	20.26	20.34	19.55	0.0902
20+10	1	0	1	74		15.60	16.19	16.45		
20+10	1	99	1	0		20.45	20.45	20.36		
20+10	100	0	75	0	256-QAM	17.87	18.29	18.23	17.46	0.0557
20+10	1	0	1	74		15.42	16.00	16.15		
20+10	1	99	1	0		18.26	18.22	18.36		
10+20	75	0	100	0	QPSK	21.29	21.25	21.50	22.74	0.1879
10+20	1	0	1	99		15.08	15.40	15.63		
10+20	1	74	1	0		22.99	23.13	23.64		
10+20	75	0	100	0	16-QAM	20.51	20.17	20.01	21.84	0.1528
10+20	1	0	1	99		15.37	15.76	16.12		
10+20	1	74	1	0		22.74	22.71	22.63		
10+20	75	0	100	0	64-QAM	20.11	20.20	20.77	19.87	0.0971
10+20	1	0	1	99		15.41	15.79	16.09		
10+20	1	74	1	0		20.29	20.34	20.38		
10+20	75	0	100	0	256-QAM	17.86	18.10	18.12	17.48	0.0560
10+20	1	0	1	99		15.37	15.92	15.99		
10+20	1	74	1	0		18.08	18.38	18.37		
15+15	75	0	100	0	QPSK	20.99	21.55	21.29	22.28	0.1690
15+15	1	0	1	99		15.18	15.62	15.97		
15+15	1	74	1	0		23.02	23.18	23.18		
15+15	75	0	100	0	16-QAM	19.96	20.31	20.73	22.07	0.1611
15+15	1	0	1	99		15.52	16.06	16.39		
15+15	1	74	1	0		22.56	22.55	22.97		
15+15	75	0	100	0	64-QAM	20.53	20.27	20.23	20.09	0.1021
15+15	1	0	1	99		15.52	16.15	16.45		
15+15	1	74	1	0		20.46	20.99	20.63		
15+15	75	0	100	0	256-QAM	17.83	18.25	18.12	17.67	0.0585
15+15	1	0	1	99		15.36	16.05	16.29		
15+15	1	74	1	0		18.56	18.53	18.57		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.9 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	100	0	QPSK	21.41	21.23	21.37	22.70	0.1862
15+10	1	0	1	99		15.24	15.95	16.08		
15+10	1	74	1	0		22.89	23.60	23.27		
15+10	75	0	100	0	16-QAM	19.94	20.27	20.27	21.49	0.1409
15+10	1	0	1	99		15.59	16.12	16.54		
15+10	1	74	1	0		22.25	22.17	22.39		
15+10	75	0	100	0	64-QAM	19.94	20.19	20.34	19.55	0.0902
15+10	1	0	1	99		15.51	16.13	16.16		
15+10	1	74	1	0		20.37	20.36	20.45		
15+10	75	0	100	0	256-QAM	17.89	18.22	18.29	17.62	0.0578
15+10	1	0	1	99		15.58	15.98	16.27		
15+10	1	74	1	0		18.45	18.49	18.52		
Limit	EIRP < 2W					Result			Pass	



LTE Band 38C_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	23.90	23.86	23.95	24.93	0.3112
20+20	1	0	1	99		17.70	17.67	17.68		
20+20	1	99	1	0		25.61	25.62	25.63		
20+20	100	0	100	0	16-QAM	22.98	22.95	22.96	24.32	0.2704
20+20	1	0	1	99		17.79	17.76	17.97		
20+20	1	99	1	0		25.02	24.99	25.02		
20+20	100	0	100	0	64-QAM	22.93	22.92	22.93	22.34	0.1714
20+20	1	0	1	99		17.75	17.66	17.67		
20+20	1	99	1	0		23.04	22.89	22.91		
20+20	100	0	100	0	256-QAM	20.97	20.95	20.93	20.27	0.1064
20+20	1	0	1	99		17.74	17.35	17.52		
20+20	1	99	1	0		20.74	20.73	20.76		
15+15	75	0	75	0	QPSK	23.92	23.96	23.99	24.94	0.3119
15+15	1	0	1	74		17.81	17.72	17.78		
15+15	1	74	1	0		25.64	25.63	25.62		
15+15	75	0	75	0	16-QAM	22.97	22.91	23.01	24.53	0.2838
15+15	1	0	1	74		17.59	17.63	17.80		
15+15	1	74	1	0		25.02	25.23	25.06		
15+15	75	0	75	0	64-QAM	22.98	22.95	23.01	22.32	0.1706
15+15	1	0	1	74		17.40	17.72	17.72		
15+15	1	74	1	0		22.89	23.02	22.90		
15+15	75	0	75	0	256-QAM	21.05	20.97	21.03	20.35	0.1084
15+15	1	0	1	74		17.60	17.60	17.64		
15+15	1	74	1	0		20.67	20.78	20.70		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_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	19.66	19.88	19.68	19.18	0.0828
20+20	1	0	1	99		12.55	12.67	12.77		
20+20	1	99	1	0		12.68	12.73	12.81		
20+20	100	0	100	0	16-QAM	18.69	18.82	18.77	18.12	0.0649
20+20	1	0	1	99		12.68	12.66	12.58		
20+20	1	99	1	0		12.80	12.77	12.42		
20+20	100	0	100	0	64-QAM	18.65	18.78	18.77	18.08	0.0643
20+20	1	0	1	99		10.31	10.25	10.31		
20+20	1	99	1	0		10.47	10.44	10.45		
20+20	100	0	100	0	256-QAM	16.82	16.85	16.87	16.17	0.0414
20+20	1	0	1	99		6.09	6.05	6.01		
20+20	1	99	1	0		6.21	6.13	6.12		
20+15	100	0	75	0	QPSK	19.69	19.83	19.94	19.24	0.0839
20+15	1	0	1	74		12.48	12.60	12.83		
20+15	1	99	1	0		12.55	12.70	12.86		
20+15	100	0	75	0	16-QAM	18.70	18.84	18.92	18.22	0.0664
20+15	1	0	1	74		12.71	12.77	12.68		
20+15	1	99	1	0		12.76	12.66	12.66		
20+15	100	0	75	0	64-QAM	18.69	18.84	18.87	18.17	0.0656
20+15	1	0	1	74		10.34	10.22	10.63		
20+15	1	99	1	0		10.47	10.14	10.60		
20+15	100	0	75	0	256-QAM	16.90	16.90	17.06	16.36	0.0433
20+15	1	0	1	74		6.13	6.32	6.23		
20+15	1	99	1	0		6.21	6.12	6.23		
15+20	75	0	100	0	QPSK	19.66	19.85	19.90	19.20	0.0832
15+20	1	0	1	99		12.47	12.55	12.64		
15+20	1	74	1	0		12.63	12.65	12.72		
15+20	75	0	100	0	16-QAM	18.72	18.85	18.88	18.18	0.0658
15+20	1	0	1	99		12.68	12.56	12.83		
15+20	1	74	1	0		12.77	12.71	13.00		
15+20	75	0	100	0	64-QAM	18.70	18.83	18.89	18.19	0.0659
15+20	1	0	1	99		10.33	10.31	10.51		
15+20	1	74	1	0		10.44	10.25	10.59		
15+20	75	0	100	0	256-QAM	16.86	16.88	17.05	16.35	0.0432
15+20	1	0	1	99		6.10	6.11	6.14		
15+20	1	74	1	0		6.22	6.32	6.19		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_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	19.71	19.92	20.02	19.32	0.0855
20+10	1	0	1	49		12.51	12.67	12.82		
20+10	1	99	1	0		12.61	12.69	12.84		
20+10	100	0	50	0	16-QAM	18.72	18.93	19.05	18.35	0.0684
20+10	1	0	1	49		12.67	12.55	13.01		
20+10	1	99	1	0		12.75	12.67	13.01		
20+10	100	0	50	0	64-QAM	18.71	18.93	19.02	18.32	0.0679
20+10	1	0	1	49		10.34	10.31	10.66		
20+10	1	99	1	0		10.41	10.22	10.63		
20+10	100	0	50	0	256-QAM	16.94	16.98	17.19	16.49	0.0446
20+10	1	0	1	49		6.20	6.28	6.37		
20+10	1	99	1	0		6.21	6.33	6.32		
10+20	50	0	100	0	QPSK	19.71	19.92	19.95	19.25	0.0841
10+20	1	0	1	99		12.47	12.56	12.69		
10+20	1	49	1	0		12.61	12.65	12.77		
10+20	50	0	100	0	16-QAM	18.68	18.97	18.92	18.27	0.0671
10+20	1	0	1	99		12.70	12.56	12.93		
10+20	1	49	1	0		12.71	12.77	12.94		
10+20	50	0	100	0	64-QAM	18.68	18.97	18.94	18.27	0.0671
10+20	1	0	1	99		10.27	10.20	10.52		
10+20	1	49	1	0		10.44	10.41	10.60		
10+20	50	0	100	0	256-QAM	16.91	16.97	17.10	16.40	0.0437
10+20	1	0	1	99		6.09	6.11	6.29		
10+20	1	49	1	0		6.18	6.19	6.33		
20+5	100	0	25	0	QPSK	19.69	20.01	20.03	19.33	0.0857
20+5	1	0	1	24		12.57	12.67	12.89		
20+5	1	99	1	0		12.52	12.60	12.79		
20+5	100	0	25	0	16-QAM	18.72	19.01	19.22	18.52	0.0711
20+5	1	0	1	24		12.76	12.55	12.58		
20+5	1	99	1	0		12.71	12.61	12.71		
20+5	100	0	25	0	64-QAM	18.73	18.96	18.80	18.26	0.0670
20+5	1	0	1	24		10.40	10.28	10.32		
20+5	1	99	1	0		10.44	10.33	10.22		
20+5	100	0	25	0	256-QAM	16.94	16.99	16.98	16.29	0.0426
20+5	1	0	1	24		6.16	6.17	6.11		
20+5	1	99	1	0		6.15	6.25	6.21		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_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	19.68	19.99	19.94	19.29	0.0849
5+20	1	0	1	99		12.45	12.56	12.71		
5+20	1	24	1	0		12.52	12.65	12.77		
5+20	25	0	100	0	16-QAM	18.68	18.98	18.97	18.28	0.0673
5+20	1	0	1	99		12.69	12.55	12.90		
5+20	1	24	1	0		12.74	12.82	12.95		
5+20	25	0	100	0	64-QAM	18.63	18.98	18.95	18.28	0.0673
5+20	1	0	1	99		10.30	10.31	10.49		
5+20	1	24	1	0		10.46	10.25	10.60		
5+20	25	0	100	0	256-QAM	16.90	16.96	17.14	16.44	0.0441
5+20	1	0	1	99		6.11	6.12	6.23		
5+20	1	24	1	0		6.20	6.33	6.27		
15+10	75	0	50	0	QPSK	19.74	19.99	20.03	19.33	0.0857
15+10	1	0	1	49		12.56	12.66	12.84		
15+10	1	74	1	0		12.63	12.71	12.88		
15+10	75	0	50	0	16-QAM	18.73	18.97	19.01	18.31	0.0678
15+10	1	0	1	49		12.74	12.66	12.99		
15+10	1	74	1	0		12.77	12.41	12.93		
15+10	75	0	50	0	64-QAM	18.75	18.98	19.04	18.34	0.0682
15+10	1	0	1	49		10.39	10.13	10.56		
15+10	1	74	1	0		10.41	10.32	10.52		
15+10	75	0	50	0	256-QAM	16.95	17.03	17.21	16.51	0.0448
15+10	1	0	1	49		6.22	6.12	6.38		
15+10	1	74	1	0		6.26	6.20	6.36		
10+15	50	0	75	0	QPSK	19.73	20.97	20.02	20.27	0.1064
10+15	1	0	1	74		12.52	12.61	12.80		
10+15	1	49	1	0		12.58	12.66	12.83		
10+15	50	0	75	0	16-QAM	18.72	18.97	18.99	18.29	0.0675
10+15	1	0	1	74		12.70	12.56	12.73		
10+15	1	49	1	0		12.77	12.58	12.74		
10+15	50	0	75	0	64-QAM	18.70	18.99	19.03	18.33	0.0681
10+15	1	0	1	74		10.33	10.34	10.55		
10+15	1	49	1	0		10.50	10.52	10.66		
10+15	50	0	75	0	256-QAM	16.93	17.04	17.19	16.49	0.0446
10+15	1	0	1	74		6.15	6.11	6.26		
10+15	1	49	1	0		6.23	6.02	6.30		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -0.7 dB)										
15+15	75	0	75	0	QPSK	19.71	19.85	19.91	19.21	0.0834
15+15	1	0	1	74		12.54	12.66	12.80		
15+15	1	74	1	0		12.66	12.71	12.82		
15+15	75	0	75	0	16-QAM	18.68	18.79	18.92	18.22	0.0664
15+15	1	0	1	74		12.72	18.65	12.82		
15+15	1	74	1	0		12.78	12.77	12.86		
15+15	75	0	75	0	64-QAM	18.70	18.55	18.94	18.24	0.0667
15+15	1	0	1	74		10.42	12.45	10.81		
15+15	1	74	1	0		10.54	12.65	10.85		
15+15	75	0	75	0	256-QAM	16.89	16.88	17.04	16.34	0.0431
15+15	1	0	1	74		6.13	10.59	6.28		
15+15	1	74	1	0		6.22	10.35	6.31		
Limit	EIRP < 2W					Result			Pass	



<ASDIV Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.49	23.71	23.54	21.01	0.1262
20	1	49		23.47	23.47	23.30		
20	1	99		23.43	23.20	23.43		
20	50	0		22.50	22.56	22.51		
20	50	24		22.53	22.47	22.44		
20	50	50		22.51	22.33	22.44		
20	100	0		22.53	22.45	22.48		
20	1	0	16-QAM	22.73	22.93	22.84	20.23	0.1054
20	1	49		22.69	22.65	22.58		
20	1	99		22.70	22.43	22.75		
20	50	0		21.55	21.57	21.50		
20	50	24		21.57	21.51	21.47		
20	50	50		21.54	21.39	21.45		
20	100	0		21.55	21.45	21.49		
20	1	0	64-QAM	21.76	21.84	21.84	19.14	0.0820
20	1	49		21.74	21.65	21.57		
20	1	99		21.67	21.45	21.81		
20	50	0		20.60	20.64	20.55		
20	50	24		20.64	20.58	20.50		
20	50	50		20.59	20.48	20.49		
20	100	0		20.55	20.51	20.50		
20	1	0	256-QAM	18.77	18.93	18.89	16.24	0.0421
20	1	49		18.87	18.94	18.89		
20	1	99		18.70	18.74	18.73		
20	50	0		18.64	18.71	18.71		
20	50	24		18.60	18.62	18.53		
20	50	50		18.55	18.63	18.59		
20	100	0		18.72	18.72	18.67		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.54	23.69	23.53	20.99	0.1256
15	1	37		23.48	23.46	23.40		
15	1	74		23.51	23.30	23.61		
15	36	0		22.47	22.59	22.44		
15	36	20		22.49	22.49	22.45		
15	36	39		22.50	22.39	22.47		
15	75	0		22.46	22.47	22.47		
15	1	0	16-QAM	22.76	22.93	22.74	20.23	0.1054
15	1	37		22.76	22.69	22.62		
15	1	74		22.82	22.64	22.89		
15	36	0		21.51	21.60	21.45		
15	36	20		21.53	21.54	21.47		
15	36	39		21.53	21.46	21.52		
15	75	0		21.52	21.51	21.51		
15	1	0	64-QAM	21.68	21.80	21.74	19.11	0.0815
15	1	37		21.72	21.60	21.49		
15	1	74		21.66	21.36	21.81		
15	36	0		20.55	20.58	20.50		
15	36	20		20.56	20.49	20.47		
15	36	39		20.55	20.43	20.42		
15	75	0		20.54	20.41	20.49		
15	1	0	256-QAM	18.71	18.84	18.80	16.23	0.0420
15	1	37		18.85	18.93	18.89		
15	1	74		18.62	18.65	18.71		
15	36	0		18.53	18.66	18.62		
15	36	20		18.48	18.58	18.55		
15	36	39		18.58	18.62	18.59		
15	75	0		18.59	18.64	18.57		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.41	23.54	23.41	20.84	0.1213
10	1	25		23.37	23.36	23.40		
10	1	49		23.41	23.26	23.48		
10	25	0		22.45	22.54	22.44		
10	25	12		22.47	22.48	22.49		
10	25	25		22.50	22.40	22.51		
10	50	0		22.47	22.45	22.45		
10	1	0	16-QAM	22.75	22.85	22.64	20.15	0.1035
10	1	25		22.62	22.66	22.65		
10	1	49		22.78	22.65	22.80		
10	25	0		21.51	21.57	21.49		
10	25	12		21.53	21.55	21.50		
10	25	25		21.54	21.48	21.55		
10	50	0		21.50	21.50	21.50		
10	1	0	64-QAM	21.64	21.84	21.62	19.14	0.0820
10	1	25		21.72	21.77	21.69		
10	1	49		21.76	21.69	21.82		
10	25	0		20.52	20.59	20.47		
10	25	12		20.51	20.53	20.51		
10	25	25		20.55	20.50	20.57		
10	50	0		20.55	20.55	20.53		
10	1	0	256-QAM	18.69	18.92	18.86	16.23	0.0420
10	1	25		18.85	18.93	18.82		
10	1	49		18.67	18.65	18.60		
10	25	0		18.55	18.66	18.56		
10	25	12		18.54	18.60	18.54		
10	25	25		18.45	18.55	18.46		
10	50	0		18.59	18.70	18.72		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.47	23.55	23.44	20.85	0.1216
5	1	12		23.43	23.37	23.40		
5	1	24		23.48	23.39	23.53		
5	12	0		22.49	22.52	22.46		
5	12	7		22.53	22.54	22.53		
5	12	13		22.52	22.50	22.55		
5	25	0		22.49	22.51	22.52		
5	1	0	16-QAM	22.79	22.82	22.69	20.16	0.1038
5	1	12		22.73	22.76	22.69		
5	1	24		22.83	22.78	22.86		
5	12	0		21.53	21.56	21.49		
5	12	7		21.58	21.56	21.55		
5	12	13		21.54	21.55	21.57		
5	25	0		21.53	21.55	21.55		
5	1	0	64-QAM	21.66	21.72	21.63	19.05	0.0804
5	1	12		21.63	21.68	21.64		
5	1	24		21.73	21.64	21.75		
5	12	0		20.55	20.62	20.53		
5	12	7		20.59	20.61	20.59		
5	12	13		20.57	20.57	20.59		
5	25	0		20.56	20.56	20.55		
5	1	0	256-QAM	18.70	18.90	18.80	16.22	0.0419
5	1	12		18.80	18.85	18.92		
5	1	24		18.69	18.67	18.67		
5	12	0		18.56	18.61	18.56		
5	12	7		18.58	18.60	18.60		
5	12	13		18.48	18.59	18.46		
5	25	0		18.54	18.66	18.65		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.55	23.60	23.54	20.90	0.1230
3	1	8		23.44	23.44	23.48		
3	1	14		23.51	23.47	23.57		
3	8	0		22.50	22.51	22.49		
3	8	4		22.53	22.52	22.52		
3	8	7		22.56	22.52	22.59		
3	15	0		22.53	22.50	22.53		
3	1	0	16-QAM	22.85	22.86	22.83	20.16	0.1038
3	1	8		22.72	22.70	22.71		
3	1	14		22.85	22.72	22.82		
3	8	0		21.55	21.58	21.55		
3	8	4		21.62	21.63	21.60		
3	8	7		21.62	21.61	21.66		
3	15	0		21.55	21.56	21.54		
3	1	0	64-QAM	21.76	21.80	21.74	19.10	0.0813
3	1	8		21.69	21.66	21.64		
3	1	14		21.70	21.73	21.69		
3	8	0		20.55	20.52	20.57		
3	8	4		20.57	20.57	20.57		
3	8	7		20.59	20.57	20.63		
3	15	0		20.60	20.62	20.60		
3	1	0	256-QAM	18.68	18.93	18.86	16.23	0.0420
3	1	8		18.89	18.90	18.84		
3	1	14		18.63	18.72	18.58		
3	8	0		18.63	18.71	18.64		
3	8	4		18.61	18.55	18.49		
3	8	7		18.50	18.58	18.53		
3	15	0		18.69	18.64	18.64		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.47	23.47	23.48	20.84	0.1213
1.4	1	3		23.48	23.47	23.52		
1.4	1	5		23.50	23.46	23.54		
1.4	3	0		23.41	23.38	23.41		
1.4	3	1		23.45	23.46	23.47		
1.4	3	3		23.51	23.43	23.47		
1.4	6	0		22.46	22.46	22.45		
1.4	1	0	16-QAM	22.76	22.75	22.67	20.15	0.1035
1.4	1	3		22.68	22.64	22.63		
1.4	1	5		22.85	22.75	22.73		
1.4	3	0		22.54	22.47	22.48		
1.4	3	1		22.66	22.55	22.64		
1.4	3	3		22.64	22.56	22.63		
1.4	6	0		21.56	21.52	21.55		
1.4	1	0	64-QAM	21.73	21.65	21.71	19.04	0.0802
1.4	1	3		21.66	21.65	21.69		
1.4	1	5		21.68	21.72	21.74		
1.4	3	0		21.58	21.52	21.56		
1.4	3	1		21.69	21.67	21.67		
1.4	3	3		21.62	21.56	21.61		
1.4	6	0		20.58	20.52	20.54		
1.4	1	0	256-QAM	18.76	18.93	18.87	16.23	0.0420
1.4	1	3		18.86	18.86	18.84		
1.4	1	5		18.68	18.74	18.63		
1.4	3	0		18.67	18.70	18.58		
1.4	3	1		18.56	18.62	18.47		
1.4	3	3		18.52	18.61	18.45		
1.4	6	0		18.69	18.62	18.55		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.40	23.60	23.41	20.90	0.1230
20	1	49		23.31	23.29	23.28		
20	1	99		23.24	23.44	23.40		
20	50	0		22.24	22.26	22.25		
20	50	24		22.22	22.25	22.20		
20	50	50		22.25	22.23	22.22		
20	100	0		22.23	22.27	22.24		
20	1	0	16-QAM	22.71	22.76	22.52	20.06	0.1014
20	1	49		22.65	22.52	22.47		
20	1	99		22.53	22.40	22.75		
20	50	0		21.38	21.43	21.28		
20	50	24		21.44	21.40	21.35		
20	50	50		21.38	21.26	21.46		
20	100	0		21.36	21.34	21.35		
20	1	0	64-QAM	21.59	21.76	21.54	19.06	0.0805
20	1	49		21.66	21.53	21.49		
20	1	99		21.52	21.37	21.74		
20	50	0		20.50	20.54	20.36		
20	50	24		20.50	20.46	20.40		
20	50	50		20.47	20.32	20.50		
20	100	0		20.44	20.39	20.40		
20	1	0	256-QAM	18.81	18.88	18.85	16.18	0.0415
20	1	49		18.67	18.73	18.63		
20	1	99		18.66	18.68	18.68		
20	50	0		18.74	18.77	18.68		
20	50	24		18.66	18.70	18.60		
20	50	50		18.57	18.61	18.58		
20	100	0		18.60	18.70	18.66		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.24	23.41	23.18	20.74	0.1186
15	1	37		23.21	23.22	23.16		
15	1	74		23.22	23.07	23.44		
15	36	0		21.85	21.89	21.76		
15	36	20		21.86	21.84	21.83		
15	36	39		21.86	21.73	21.95		
15	75	0		21.82	21.83	21.84		
15	1	0	16-QAM	22.71	22.69	22.44	20.01	0.1002
15	1	37		22.57	22.48	22.46		
15	1	74		22.53	22.37	22.66		
15	36	0		21.42	21.41	21.27		
15	36	20		21.42	21.36	21.38		
15	36	39		21.40	21.29	21.47		
15	75	0		21.37	21.34	21.36		
15	1	0	64-QAM	21.60	21.71	21.51	19.09	0.0811
15	1	37		21.59	21.51	21.60		
15	1	74		21.64	21.43	21.79		
15	36	0		20.51	20.49	20.34		
15	36	20		20.50	20.43	20.44		
15	36	39		20.48	20.34	20.52		
15	75	0		20.41	20.41	20.40		
15	1	0	256-QAM	18.76	18.82	18.84	16.14	0.0411
15	1	37		18.61	18.73	18.63		
15	1	74		18.62	18.59	18.60		
15	36	0		18.66	18.75	18.75		
15	36	20		18.58	18.62	18.51		
15	36	39		18.48	18.51	18.48		
15	75	0		18.61	18.60	18.60		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.34	23.41	23.29	20.79	0.1199
10	1	25		23.18	23.13	23.18		
10	1	49		23.32	23.11	23.49		
10	25	0		21.79	21.84	21.85		
10	25	12		21.81	21.83	21.95		
10	25	25		21.82	21.76	22.04		
10	50	0		21.81	21.81	21.95		
10	1	0	16-QAM	22.54	22.60	22.48	20.03	0.1007
10	1	25		22.57	22.50	22.57		
10	1	49		22.56	22.45	22.73		
10	25	0		21.35	21.40	21.36		
10	25	12		21.39	21.35	21.48		
10	25	25		21.42	21.34	21.56		
10	50	0		21.41	21.35	21.48		
10	1	0	64-QAM	21.48	21.48	21.40	18.98	0.0791
10	1	25		21.41	21.43	21.57		
10	1	49		21.48	21.30	21.68		
10	25	0		20.39	20.44	20.43		
10	25	12		20.42	20.41	20.48		
10	25	25		20.46	20.36	20.61		
10	50	0		20.46	20.41	20.54		
10	1	0	256-QAM	18.73	18.85	18.83	16.15	0.0412
10	1	25		18.59	18.69	18.62		
10	1	49		18.62	18.61	18.60		
10	25	0		18.68	18.76	18.68		
10	25	12		18.68	18.60	18.59		
10	25	25		18.53	18.54	18.59		
10	50	0		18.58	18.61	18.62		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.39	23.36	23.36	20.78	0.1197
5	1	12		23.31	23.22	23.35		
5	1	24		23.36	23.25	23.48		
5	12	0		21.82	21.82	21.86		
5	12	7		21.85	21.80	21.94		
5	12	13		21.84	21.76	21.99		
5	25	0		21.80	21.80	21.96		
5	1	0	16-QAM	22.65	22.63	22.62	20.01	0.1002
5	1	12		22.60	22.49	22.57		
5	1	24		22.62	22.52	22.71		
5	12	0		21.41	21.38	21.41		
5	12	7		21.44	21.40	21.48		
5	12	13		21.45	21.37	21.51		
5	25	0		21.41	21.36	21.46		
5	1	0	64-QAM	21.56	21.63	21.60	18.97	0.0789
5	1	12		21.43	21.55	21.54		
5	1	24		21.57	21.46	21.67		
5	12	0		20.47	20.45	20.46		
5	12	7		20.53	20.43	20.49		
5	12	13		20.53	20.42	20.57		
5	25	0		20.44	20.46	20.52		
5	1	0	256-QAM	18.74	18.84	18.76	16.14	0.0411
5	1	12		18.63	18.67	18.65		
5	1	24		18.58	18.67	18.53		
5	12	0		18.69	18.73	18.71		
5	12	7		18.65	18.60	18.54		
5	12	13		18.51	18.59	18.55		
5	25	0		18.56	18.63	18.60		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.37	23.34	23.46	20.76	0.1191
3	1	8		23.23	23.17	23.35		
3	1	14		23.28	23.19	23.44		
3	8	0		21.80	21.77	21.91		
3	8	4		21.87	21.82	21.97		
3	8	7		21.87	21.82	22.01		
3	15	0		21.85	21.85	22.00		
3	1	0	16-QAM	22.60	22.60	22.71	20.02	0.1005
3	1	8		22.56	22.45	22.61		
3	1	14		22.61	22.55	22.72		
3	8	0		21.40	21.36	21.46		
3	8	4		21.49	21.43	21.53		
3	8	7		21.49	21.40	21.56		
3	15	0		21.41	21.37	21.46		
3	1	0	64-QAM	21.49	21.59	21.57	18.95	0.0785
3	1	8		21.52	21.52	21.58		
3	1	14		21.58	21.49	21.65		
3	8	0		20.47	20.39	20.43		
3	8	4		20.48	20.40	20.46		
3	8	7		20.51	20.46	20.52		
3	15	0		20.51	20.45	20.57		
3	1	0	256-QAM	18.74	18.81	18.80	16.11	0.0408
3	1	8		18.63	18.72	18.62		
3	1	14		18.56	18.64	18.58		
3	8	0		18.63	18.68	18.71		
3	8	4		18.56	18.68	18.58		
3	8	7		18.49	18.51	18.49		
3	15	0		18.60	18.63	18.62		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.36	23.26	23.44	20.74	0.1186
1.4	1	3		23.31	23.19	23.37		
1.4	1	5		23.32	23.23	23.43		
1.4	3	0		23.22	23.17	23.32		
1.4	3	1		23.31	23.25	23.41		
1.4	3	3		23.24	23.18	23.37		
1.4	6	0		21.80	21.74	21.90		
1.4	1	0	16-QAM	22.57	22.46	22.55	19.90	0.0977
1.4	1	3		22.43	22.37	22.43		
1.4	1	5		22.60	22.46	22.57		
1.4	3	0		22.36	22.26	22.43		
1.4	3	1		22.43	22.32	22.51		
1.4	3	3		22.45	22.31	22.49		
1.4	6	0		21.41	21.35	21.46		
1.4	1	0	64-QAM	21.54	21.50	21.56	18.87	0.0771
1.4	1	3		21.36	21.38	21.36		
1.4	1	5		21.52	21.47	21.57		
1.4	3	0		21.42	21.40	21.48		
1.4	3	1		21.44	21.49	21.56		
1.4	3	3		21.51	21.42	21.57		
1.4	6	0		20.41	20.33	20.43		
1.4	1	0	256-QAM	18.72	18.81	18.81	16.11	0.0408
1.4	1	3		18.63	18.63	18.62		
1.4	1	5		18.63	18.61	18.55		
1.4	3	0		18.68	18.71	18.75		
1.4	3	1		18.61	18.62	18.60		
1.4	3	3		18.52	18.60	18.51		
1.4	6	0		18.62	18.70	18.52		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.57	23.61	23.71	20.41	0.1099
20	1	49		23.53	23.45	23.45		
20	1	99		23.52	23.37	23.26		
20	50	0		22.56	22.61	22.63		
20	50	24		22.59	22.59	22.57		
20	50	50		22.58	22.51	22.47		
20	100	0		22.58	22.55	22.54		
20	1	0	16-QAM	22.87	22.92	23.05	19.75	0.0944
20	1	49		22.79	22.73	22.78		
20	1	99		22.79	22.69	22.53		
20	50	0		21.57	21.61	21.63		
20	50	24		21.59	21.58	21.57		
20	50	50		21.59	21.50	21.45		
20	100	0		21.58	21.53	21.51		
20	1	0	64-QAM	21.69	21.84	21.96	18.66	0.0735
20	1	49		21.73	21.78	21.51		
20	1	99		21.69	21.71	21.28		
20	50	0		20.62	20.64	20.66		
20	50	24		20.63	20.62	20.61		
20	50	50		20.61	20.55	20.49		
20	100	0		20.56	20.54	20.54		
20	1	0	256-QAM	18.82	18.66	18.97	15.67	0.0369
20	1	49		18.85	18.93	18.86		
20	1	99		18.81	18.82	18.78		
20	50	0		18.51	18.53	18.50		
20	50	24		18.51	18.61	18.60		
20	50	50		18.62	18.65	18.65		
20	100	0		18.66	18.68	18.60		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.22	23.42	23.50	20.20	0.1047
15	1	37		23.31	23.36	23.30		
15	1	74		23.38	23.30	23.21		
15	36	0		22.45	22.52	22.55		
15	36	20		22.48	22.48	22.47		
15	36	39		22.47	22.44	22.40		
15	75	0		22.48	22.47	22.47		
15	1	0	16-QAM	22.64	22.82	22.88	19.58	0.0908
15	1	37		22.50	22.70	22.62		
15	1	74		22.72	22.60	22.49		
15	36	0		21.46	21.55	21.57		
15	36	20		21.51	21.54	21.49		
15	36	39		21.51	21.48	21.40		
15	75	0		21.50	21.50	21.47		
15	1	0	64-QAM	21.55	21.76	21.74	18.46	0.0701
15	1	37		21.53	21.56	21.51		
15	1	74		21.55	21.48	21.31		
15	36	0		20.48	20.56	20.59		
15	36	20		20.51	20.56	20.52		
15	36	39		20.53	20.50	20.42		
15	75	0		20.50	20.51	20.47		
15	1	0	256-QAM	18.80	18.62	18.97	15.67	0.0369
15	1	37		18.82	18.83	18.89		
15	1	74		18.69	18.82	18.77		
15	36	0		18.42	18.45	18.38		
15	36	20		18.51	18.57	18.49		
15	36	39		18.51	18.59	18.59		
15	75	0		18.61	18.62	18.60		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.20	23.33	23.42	20.12	0.1028
10	1	25		23.21	23.27	23.24		
10	1	49		23.33	23.21	23.20		
10	25	0		22.36	22.52	22.45		
10	25	12		22.44	22.40	22.47		
10	25	25		22.42	22.40	22.36		
10	50	0		22.38	22.41	22.37		
10	1	0	16-QAM	22.55	22.72	22.83	19.53	0.0897
10	1	25		22.45	22.66	22.57		
10	1	49		22.65	22.50	22.39		
10	25	0		21.41	21.52	21.53		
10	25	12		21.45	21.52	21.39		
10	25	25		21.46	21.39	21.38		
10	50	0		21.45	21.43	21.38		
10	1	0	64-QAM	21.49	21.69	21.64	18.39	0.0690
10	1	25		21.50	21.47	21.48		
10	1	49		21.49	21.48	21.28		
10	25	0		20.43	20.56	20.56		
10	25	12		20.50	20.52	20.52		
10	25	25		20.47	20.43	20.36		
10	50	0		20.47	20.51	20.43		
10	1	0	256-QAM	18.74	18.59	18.96	15.66	0.0368
10	1	25		18.87	18.85	18.87		
10	1	49		18.65	18.75	18.67		
10	25	0		18.36	18.45	18.44		
10	25	12		18.47	18.58	18.56		
10	25	25		18.59	18.62	18.56		
10	50	0		18.50	18.58	18.59		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.20	23.42	23.47	20.17	0.1040
5	1	12		23.28	23.28	23.20		
5	1	24		23.28	23.29	23.21		
5	12	0		22.38	22.43	22.46		
5	12	7		22.39	22.48	22.42		
5	12	13		22.39	22.44	22.38		
5	25	0		22.46	22.43	22.45		
5	1	0	16-QAM	22.54	22.81	22.79	19.51	0.0893
5	1	12		22.47	22.61	22.61		
5	1	24		22.67	22.56	22.44		
5	12	0		21.36	21.51	21.49		
5	12	7		21.44	21.48	21.40		
5	12	13		21.44	21.43	21.33		
5	25	0		21.44	21.40	21.42		
5	1	0	64-QAM	21.45	21.69	21.65	18.39	0.0690
5	1	12		21.49	21.48	21.44		
5	1	24		21.52	21.47	21.27		
5	12	0		20.42	20.49	20.57		
5	12	7		20.42	20.50	20.46		
5	12	13		20.46	20.43	20.41		
5	25	0		20.45	20.46	20.44		
5	1	0	256-QAM	18.75	18.63	18.95	15.65	0.0367
5	1	12		18.86	18.89	18.89		
5	1	24		18.80	18.75	18.63		
5	12	0		18.42	18.49	18.36		
5	12	7		18.43	18.56	18.50		
5	12	13		18.56	18.58	18.54		
5	25	0		18.55	18.66	18.55		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.22	23.34	23.48	20.18	0.1042
3	1	8		23.31	23.28	23.23		
3	1	14		23.33	23.29	23.21		
3	8	0		22.40	22.51	22.49		
3	8	4		22.39	22.39	22.46		
3	8	7		22.44	22.42	22.34		
3	15	0		22.42	22.46	22.39		
3	1	0	16-QAM	22.56	22.73	22.87	19.57	0.0906
3	1	8		22.48	22.69	22.56		
3	1	14		22.71	22.54	22.41		
3	8	0		21.44	21.48	21.57		
3	8	4		21.48	21.53	21.43		
3	8	7		21.42	21.39	21.32		
3	15	0		21.42	21.50	21.41		
3	1	0	64-QAM	21.45	21.69	21.66	18.39	0.0690
3	1	8		21.43	21.54	21.44		
3	1	14		21.45	21.46	21.23		
3	8	0		20.42	20.46	20.51		
3	8	4		20.44	20.49	20.44		
3	8	7		20.52	20.42	20.36		
3	15	0		20.42	20.42	20.47		
3	1	0	256-QAM	18.72	18.56	18.89	15.59	0.0362
3	1	8		18.81	18.83	18.87		
3	1	14		18.76	18.72	18.70		
3	8	0		18.39	18.43	18.42		
3	8	4		18.51	18.56	18.50		
3	8	7		18.59	18.58	18.47		
3	15	0		18.57	18.62	18.59		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.56	23.52	23.46	20.26	0.1062
1.4	1	3		23.49	23.44	23.31		
1.4	1	5		23.56	23.50	23.41		
1.4	3	0		23.48	23.43	23.36		
1.4	3	1		23.56	23.45	23.43		
1.4	3	3		23.56	23.47	23.42		
1.4	6	0		22.57	22.50	22.43		
1.4	1	0	16-QAM	22.80	22.75	22.69	19.53	0.0897
1.4	1	3		22.70	22.66	22.53		
1.4	1	5		22.83	22.79	22.70		
1.4	3	0		22.59	22.56	22.53		
1.4	3	1		22.61	22.59	22.55		
1.4	3	3		22.65	22.62	22.57		
1.4	6	0		21.60	21.55	21.46		
1.4	1	0	64-QAM	21.64	21.61	21.55	18.39	0.0690
1.4	1	3		21.54	21.49	21.43		
1.4	1	5		21.66	21.63	21.55		
1.4	3	0		21.57	21.57	21.47		
1.4	3	1		21.69	21.66	21.50		
1.4	3	3		21.67	21.64	21.54		
1.4	6	0		20.56	20.57	20.41		
1.4	1	0	256-QAM	18.75	18.61	18.95	15.65	0.0367
1.4	1	3		18.78	18.89	18.74		
1.4	1	5		18.77	18.79	18.72		
1.4	3	0		18.44	18.45	18.47		
1.4	3	1		18.41	18.57	18.59		
1.4	3	3		18.50	18.56	18.57		
1.4	6	0		18.58	18.68	18.57		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.61	23.68	23.65	14.03	0.0253
10	1	25		23.39	23.42	23.37		
10	1	49		23.47	23.50	23.43		
10	25	0		22.58	22.59	22.55		
10	25	12		22.52	22.57	22.54		
10	25	25		22.50	22.53	22.51		
10	50	0		22.53	22.56	22.53		
10	1	0	16-QAM	22.87	22.91	22.88	13.26	0.0212
10	1	25		22.87	22.81	22.84		
10	1	49		22.84	22.76	22.69		
10	25	0		21.63	21.62	21.60		
10	25	12		21.63	21.61	21.59		
10	25	25		21.58	21.58	21.55		
10	50	0		21.57	21.55	21.54		
10	1	0	64-QAM	21.89	21.78	21.82	12.24	0.0167
10	1	25		21.82	21.68	21.71		
10	1	49		21.79	21.70	21.63		
10	25	0		20.58	20.61	20.57		
10	25	12		20.59	20.56	20.55		
10	25	25		20.53	20.53	20.52		
10	50	0		20.58	20.59	20.56		
10	1	0	256-QAM	18.84	18.88	18.86	9.23	0.0084
10	1	25		18.75	18.76	18.71		
10	1	49		18.72	18.75	18.74		
10	25	0		18.76	18.81	18.75		
10	25	12		18.71	18.78	18.70		
10	25	25		18.62	18.68	18.64		
10	50	0		18.69	18.71	18.63		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.60	23.67	23.56	14.02	0.0252
5	1	12		23.32	23.41	23.32		
5	1	24		23.46	23.43	23.39		
5	12	0		22.57	22.52	22.49		
5	12	7		22.49	22.51	22.50		
5	12	13		22.40	22.53	22.43		
5	25	0		22.51	22.50	22.53		
5	1	0	16-QAM	22.77	22.89	22.86	13.24	0.0211
5	1	12		22.85	22.78	22.75		
5	1	24		22.74	22.69	22.59		
5	12	0		21.53	21.55	21.59		
5	12	7		21.59	21.60	21.56		
5	12	13		21.51	21.52	21.47		
5	25	0		21.55	21.53	21.49		
5	1	0	64-QAM	21.79	21.72	21.75	12.14	0.0164
5	1	12		21.73	21.58	21.66		
5	1	24		21.75	21.66	21.60		
5	12	0		20.52	20.51	20.57		
5	12	7		20.56	20.56	20.51		
5	12	13		20.53	20.46	20.52		
5	25	0		20.55	20.57	20.47		
5	1	0	256-QAM	18.80	18.86	18.77	9.21	0.0083
5	1	12		18.62	18.68	18.62		
5	1	24		18.73	18.75	18.60		
5	12	0		18.76	18.77	18.72		
5	12	7		18.64	18.77	18.69		
5	12	13		18.58	18.60	18.55		
5	25	0		18.62	18.61	18.66		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.58	23.65	23.62	14.00	0.0251
3	1	8		23.29	23.34	23.34		
3	1	14		23.44	23.46	23.43		
3	8	0		22.58	22.50	22.55		
3	8	4		22.45	22.57	22.45		
3	8	7		22.47	22.50	22.51		
3	15	0		22.47	22.56	22.52		
3	1	0	16-QAM	22.79	22.90	22.85	13.25	0.0211
3	1	8		22.77	22.77	22.84		
3	1	14		22.75	22.66	22.66		
3	8	0		21.53	21.60	21.56		
3	8	4		21.60	21.54	21.57		
3	8	7		21.50	21.52	21.47		
3	15	0		21.53	21.45	21.47		
3	1	0	64-QAM	21.84	21.74	21.79	12.19	0.0166
3	1	8		21.76	21.62	21.70		
3	1	14		21.79	21.64	21.58		
3	8	0		20.55	20.61	20.47		
3	8	4		20.54	20.56	20.51		
3	8	7		20.52	20.44	20.45		
3	15	0		20.54	20.57	20.50		
3	1	0	256-QAM	18.80	18.81	18.77	9.16	0.0082
3	1	8		18.66	18.68	18.65		
3	1	14		18.72	18.68	18.63		
3	8	0		18.67	18.80	18.69		
3	8	4		18.65	18.68	18.65		
3	8	7		18.57	18.67	18.52		
3	15	0		18.59	18.62	18.59		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.38	23.40	23.34	13.76	0.0238
1.4	1	3		23.36	23.34	23.26		
1.4	1	5		23.39	23.41	23.32		
1.4	3	0		23.36	23.35	23.28		
1.4	3	1		23.41	23.36	23.32		
1.4	3	3		23.35	23.36	23.29		
1.4	6	0		22.43	22.36	22.33		
1.4	1	0	16-QAM	22.70	22.66	22.52	13.12	0.0205
1.4	1	3		22.68	22.58	22.41		
1.4	1	5		22.77	22.63	22.51		
1.4	3	0		22.53	22.49	22.39		
1.4	3	1		22.62	22.58	22.39		
1.4	3	3		22.60	22.45	22.36		
1.4	6	0		21.59	21.45	21.38		
1.4	1	0	64-QAM	21.71	21.48	21.42	12.06	0.0161
1.4	1	3		21.57	21.44	21.37		
1.4	1	5		21.64	21.49	21.37		
1.4	3	0		21.56	21.44	21.40		
1.4	3	1		21.58	21.55	21.46		
1.4	3	3		21.66	21.55	21.42		
1.4	6	0		20.48	20.40	20.31		
1.4	1	0	256-QAM	18.80	18.86	18.79	9.21	0.0083
1.4	1	3		18.72	18.73	18.64		
1.4	1	5		18.67	18.75	18.68		
1.4	3	0		18.76	18.77	18.63		
1.4	3	1		18.71	18.71	18.68		
1.4	3	3		18.58	18.68	18.54		
1.4	6	0		18.65	18.61	18.61		
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	24.11	24.23	24.13	22.53	0.1791
20	1	49		23.79	23.92	23.77		
20	1	99		23.81	23.93	23.81		
20	50	0		22.91	23.00	22.88		
20	50	24		22.90	22.99	22.87		
20	50	50		22.90	22.99	22.87		
20	100	0		22.93	22.93	22.86		
20	1	0	16-QAM	23.20	23.28	23.12	21.59	0.1442
20	1	49		23.23	23.27	23.05		
20	1	99		23.13	23.29	23.07		
20	50	0		21.89	21.96	21.83		
20	50	24		21.94	22.02	21.84		
20	50	50		21.93	22.04	21.86		
20	100	0		21.89	21.97	21.85		
20	1	0	64-QAM	22.11	22.16	22.08	20.62	0.1153
20	1	49		22.11	22.24	21.95		
20	1	99		22.05	22.32	22.00		
20	50	0		20.97	21.03	20.88		
20	50	24		20.98	21.05	20.91		
20	50	50		20.98	21.08	20.91		
20	100	0		20.92	20.99	20.84		
20	1	0	256-QAM	19.13	19.08	19.06	17.43	0.0553
20	1	49		18.97	19.03	19.03		
20	1	99		19.10	19.11	19.04		
20	50	0		18.88	18.91	18.86		
20	50	24		18.86	18.92	18.85		
20	50	50		18.79	18.85	18.80		
20	100	0		18.82	18.92	18.90		
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	23.84	23.94	23.72	22.24	0.1675
15	1	37		23.71	23.86	23.75		
15	1	74		23.73	23.89	23.79		
15	36	0		22.83	22.91	22.78		
15	36	20		22.93	22.95	22.85		
15	36	39		22.86	22.94	22.83		
15	75	0		22.85	22.87	22.80		
15	1	0	16-QAM	23.11	23.22	23.09	21.59	0.1442
15	1	37		23.13	23.22	23.02		
15	1	74		23.05	23.29	22.97		
15	36	0		21.79	21.91	21.76		
15	36	20		21.84	21.95	21.75		
15	36	39		21.89	21.95	21.77		
15	75	0		21.79	21.95	21.83		
15	1	0	64-QAM	22.09	22.09	21.99	20.53	0.1130
15	1	37		22.01	22.23	21.93		
15	1	74		22.00	22.22	21.96		
15	36	0		20.93	21.02	20.84		
15	36	20		20.93	21.04	20.85		
15	36	39		20.95	21.02	20.83		
15	75	0		20.92	20.89	20.77		
15	1	0	256-QAM	19.07	19.02	19.00	17.37	0.0546
15	1	37		18.95	19.02	18.93		
15	1	74		19.00	19.05	18.97		
15	36	0		18.85	18.82	18.78		
15	36	20		18.86	18.91	18.76		
15	36	39		18.79	18.75	18.71		
15	75	0		18.79	18.86	18.86		
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	23.89	23.96	23.79	22.26	0.1683
10	1	25		23.76	23.84	23.74		
10	1	49		23.80	23.90	23.73		
10	25	0		22.83	22.92	22.79		
10	25	12		22.94	22.96	22.86		
10	25	25		22.92	22.99	22.80		
10	50	0		22.90	22.88	22.78		
10	1	0	16-QAM	23.20	23.26	23.04	21.56	0.1432
10	1	25		23.17	23.21	23.05		
10	1	49		23.03	23.23	23.04		
10	25	0		21.80	21.89	21.81		
10	25	12		21.87	21.97	21.81		
10	25	25		21.91	21.98	21.76		
10	50	0		21.88	21.94	21.81		
10	1	0	64-QAM	22.06	22.16	21.99	20.53	0.1130
10	1	25		22.06	22.19	21.86		
10	1	49		22.01	22.23	22.00		
10	25	0		20.89	20.98	20.87		
10	25	12		20.96	20.96	20.90		
10	25	25		20.97	21.03	20.85		
10	50	0		20.84	20.90	20.74		
10	1	0	256-QAM	19.03	19.04	18.97	17.41	0.0551
10	1	25		18.87	19.00	18.97		
10	1	49		19.01	19.11	19.11		
10	25	0		18.79	18.86	18.77		
10	25	12		18.82	18.85	18.87		
10	25	25		18.73	18.83	18.78		
10	50	0		18.82	18.82	18.78		
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	23.84	23.91	23.73	22.21	0.1663
5	1	12		23.77	23.90	23.67		
5	1	24		23.72	23.91	23.77		
5	12	0		22.91	22.95	22.84		
5	12	7		22.93	22.98	22.85		
5	12	13		22.87	22.94	22.85		
5	25	0		22.88	22.85	22.78		
5	1	0	16-QAM	23.18	23.19	23.06	21.49	0.1409
5	1	12		23.18	23.17	23.00		
5	1	24		23.06	23.19	23.05		
5	12	0		21.87	21.90	21.79		
5	12	7		21.90	21.98	21.76		
5	12	13		21.87	21.96	21.83		
5	25	0		21.81	21.96	21.75		
5	1	0	64-QAM	22.05	22.08	22.02	20.59	0.1146
5	1	12		22.04	22.18	21.94		
5	1	24		21.99	22.29	21.95		
5	12	0		20.97	20.94	20.81		
5	12	7		20.93	20.95	20.91		
5	12	13		20.89	21.02	20.90		
5	25	0		20.82	20.98	20.81		
5	1	0	256-QAM	19.03	19.07	19.04	17.37	0.0546
5	1	12		18.84	18.99	18.87		
5	1	24		19.05	19.07	19.02		
5	12	0		18.82	18.85	18.80		
5	12	7		18.80	18.90	18.83		
5	12	13		18.81	18.83	18.73		
5	25	0		18.81	18.85	18.83		
Limit	EIRP < 2W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -10.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.55	23.59	23.64	11.39	0.0138
10	1	25		23.36	23.43	23.48		
10	1	49		23.53	23.56	23.60		
10	25	0		22.55	22.56	22.62		
10	25	12		22.54	22.54	22.61		
10	25	25		22.51	22.54	22.61		
10	50	0		22.53	22.55	22.61		
10	1	0	16-QAM	22.83	22.77	22.96	10.71	0.0118
10	1	25		22.84	22.91	22.80		
10	1	49		22.93	22.86	22.86		
10	25	0		21.58	21.57	21.61		
10	25	12		21.59	21.60	21.62		
10	25	25		21.60	21.62	21.65		
10	50	0		21.53	21.59	21.59		
10	1	0	64-QAM	21.74	21.74	21.81	9.63	0.0092
10	1	25		21.79	21.78	21.71		
10	1	49		21.88	21.81	21.84		
10	25	0		20.57	20.58	20.64		
10	25	12		20.59	20.61	20.63		
10	25	25		20.59	20.59	20.65		
10	50	0		20.58	20.61	20.63		
10	1	0	256-QAM	18.74	18.85	18.81	6.60	0.0046
10	1	25		18.51	18.60	18.52		
10	1	49		18.62	18.67	18.67		
10	25	0		18.52	18.58	18.50		
10	25	12		18.56	18.57	18.56		
10	25	25		18.54	18.60	18.50		
10	50	0		18.51	18.56	18.49		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -10.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.48	23.56	23.56	11.31	0.0135
5	1	12		23.27	23.43	23.42		
5	1	24		23.48	23.51	23.53		
5	12	0		22.54	22.47	22.59		
5	12	7		22.54	22.53	22.53		
5	12	13		22.42	22.53	22.59		
5	25	0		22.44	22.50	22.56		
5	1	0	16-QAM	22.76	22.77	22.88	10.63	0.0116
5	1	12		22.84	22.81	22.76		
5	1	24		22.86	22.82	22.76		
5	12	0		21.52	21.51	21.53		
5	12	7		21.50	21.60	21.54		
5	12	13		21.55	21.52	21.62		
5	25	0		21.50	21.58	21.53		
5	1	0	64-QAM	21.71	21.71	21.74	9.53	0.0090
5	1	12		21.73	21.71	21.65		
5	1	24		21.78	21.73	21.77		
5	12	0		20.48	20.55	20.62		
5	12	7		20.53	20.51	20.57		
5	12	13		20.57	20.49	20.63		
5	25	0		20.53	20.52	20.62		
5	1	0	256-QAM	18.69	18.84	18.73	6.59	0.0046
5	1	12		18.54	18.54	18.44		
5	1	24		18.57	18.65	18.51		
5	12	0		18.45	18.53	18.42		
5	12	7		18.49	18.53	18.51		
5	12	13		18.49	18.51	18.56		
5	25	0		18.41	18.48	18.46		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -10.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.55	23.54	23.63	11.38	0.0137
3	1	8		23.33	23.38	23.42		
3	1	14		23.47	23.51	23.57		
3	8	0		22.53	22.50	22.52		
3	8	4		22.46	22.47	22.52		
3	8	7		22.42	22.45	22.51		
3	15	0		22.44	22.54	22.56		
3	1	0	16-QAM	22.79	22.74	22.93	10.68	0.0117
3	1	8		22.74	22.82	22.78		
3	1	14		22.86	22.83	22.82		
3	8	0		21.53	21.57	21.51		
3	8	4		21.58	21.52	21.54		
3	8	7		21.55	21.53	21.61		
3	15	0		21.49	21.59	21.49		
3	1	0	64-QAM	21.73	21.65	21.81	9.63	0.0092
3	1	8		21.75	21.70	21.65		
3	1	14		21.88	21.72	21.78		
3	8	0		20.53	20.48	20.58		
3	8	4		20.59	20.58	20.60		
3	8	7		20.53	20.56	20.59		
3	15	0		20.51	20.52	20.63		
3	1	0	256-QAM	18.68	18.83	18.71	6.58	0.0045
3	1	8		18.49	18.57	18.47		
3	1	14		18.65	18.65	18.63		
3	8	0		18.50	18.58	18.53		
3	8	4		18.41	18.49	18.42		
3	8	7		18.59	18.53	18.51		
3	15	0		18.45	18.51	18.44		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -10.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.39	23.46	23.44	11.23	0.0133
1.4	1	3		23.31	23.41	23.34		
1.4	1	5		23.40	23.48	23.44		
1.4	3	0		23.29	23.39	23.39		
1.4	3	1		23.37	23.41	23.38		
1.4	3	3		23.37	23.45	23.40		
1.4	6	0		22.39	22.43	22.44		
1.4	1	0	16-QAM	22.64	22.80	22.80	10.57	0.0114
1.4	1	3		22.58	22.73	22.74		
1.4	1	5		22.68	22.82	22.75		
1.4	3	0		22.47	22.56	22.59		
1.4	3	1		22.52	22.59	22.58		
1.4	3	3		22.48	22.61	22.57		
1.4	6	0		21.49	21.58	21.55		
1.4	1	0	64-QAM	21.50	21.72	21.70	9.48	0.0089
1.4	1	3		21.44	21.61	21.61		
1.4	1	5		21.50	21.73	21.68		
1.4	3	0		21.50	21.56	21.61		
1.4	3	1		21.58	21.68	21.66		
1.4	3	3		21.48	21.63	21.66		
1.4	6	0		20.45	20.52	20.53		
1.4	1	0	256-QAM	18.72	18.82	18.74	6.57	0.0045
1.4	1	3		18.50	18.57	18.50		
1.4	1	5		18.58	18.57	18.59		
1.4	3	0		18.54	18.57	18.49		
1.4	3	1		18.48	18.57	18.52		
1.4	3	3		18.52	18.50	18.55		
1.4	6	0		18.38	18.46	18.38		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -10.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.54	23.53	23.56	11.31	0.0135
10	1	25		23.36	23.30	23.35		
10	1	49		23.49	23.45	23.46		
10	25	0		22.49	22.53	22.56		
10	25	12		22.52	22.51	22.52		
10	25	25		22.55	22.48	22.53		
10	50	0		22.52	22.50	22.54		
10	1	0	16-QAM	22.86	22.83	22.91	10.66	0.0116
10	1	25		22.86	22.74	22.74		
10	1	49		22.84	22.80	22.82		
10	25	0		21.54	21.55	21.54		
10	25	12		21.56	21.55	21.56		
10	25	25		21.57	21.52	21.54		
10	50	0		21.54	21.56	21.56		
10	1	0	64-QAM	21.69	21.77	21.83	9.58	0.0091
10	1	25		21.77	21.71	21.73		
10	1	49		21.72	21.70	21.80		
10	25	0		20.56	20.52	20.60		
10	25	12		20.54	20.57	20.58		
10	25	25		20.56	20.58	20.60		
10	50	0		20.59	20.58	20.59		
10	1	0	256-QAM	18.75	18.65	18.79	6.54	0.0045
10	1	25		18.71	18.78	18.71		
10	1	49		18.29	18.36	18.26		
10	25	0		18.61	18.61	18.52		
10	25	12		18.47	18.54	18.48		
10	25	25		18.38	18.47	18.38		
10	50	0		18.52	18.53	18.53		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -10.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.44	23.47	23.55	11.30	0.0135
5	1	12		23.29	23.26	23.35		
5	1	24		23.44	23.40	23.43		
5	12	0		22.41	22.46	22.55		
5	12	7		22.51	22.43	22.50		
5	12	13		22.48	22.43	22.49		
5	25	0		22.46	22.47	22.50		
5	1	0	16-QAM	22.85	22.73	22.91	10.66	0.0116
5	1	12		22.83	22.74	22.71		
5	1	24		22.83	22.73	22.76		
5	12	0		21.54	21.45	21.51		
5	12	7		21.55	21.53	21.49		
5	12	13		21.51	21.47	21.50		
5	25	0		21.54	21.52	21.46		
5	1	0	64-QAM	21.67	21.68	21.81	9.56	0.0090
5	1	12		21.77	21.63	21.64		
5	1	24		21.71	21.70	21.78		
5	12	0		20.56	20.42	20.56		
5	12	7		20.52	20.52	20.50		
5	12	13		20.49	20.52	20.57		
5	25	0		20.57	20.52	20.59		
5	1	0	256-QAM	18.68	18.64	18.70	6.46	0.0044
5	1	12		18.62	18.71	18.68		
5	1	24		18.26	18.28	18.23		
5	12	0		18.54	18.61	18.49		
5	12	7		18.47	18.50	18.48		
5	12	13		18.32	18.41	18.37		
5	25	0		18.49	18.43	18.45		
Limit	ERP < 3W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = -2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.79	23.73	23.72	21.39	0.1377
20	1	49		23.69	23.65	23.57		
20	1	99		23.67	23.63	23.59		
20	50	0		22.76	22.71	22.67		
20	50	24		22.74	22.70	22.66		
20	50	50		22.71	22.67	22.62		
20	100	0		22.74	22.70	22.64		
20	1	0	16-QAM	22.91	22.90	22.87	20.51	0.1125
20	1	49		22.78	22.75	22.70		
20	1	99		22.79	22.77	22.72		
20	50	0		21.75	21.70	21.70		
20	50	24		21.73	21.68	21.70		
20	50	50		21.70	21.66	21.67		
20	100	0		21.73	21.71	21.67		
20	1	0	64-QAM	21.59	21.49	21.40	19.19	0.0830
20	1	49		21.41	21.36	21.29		
20	1	99		21.41	21.34	21.30		
20	50	0		20.77	20.72	20.70		
20	50	24		20.74	20.71	20.67		
20	50	50		20.71	20.67	20.64		
20	100	0		20.72	20.68	20.64		
20	1	0	256-QAM	18.80	18.75	18.63	16.58	0.0455
20	1	49		18.45	18.53	18.49		
20	1	99		18.34	18.44	18.38		
20	50	0		18.91	18.98	18.94		
20	50	24		18.81	18.90	18.80		
20	50	50		18.74	18.84	18.81		
20	100	0		18.80	18.86	18.85		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = -2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.73	23.66	23.63	21.33	0.1358
15	1	37		23.67	23.62	23.55		
15	1	74		23.59	23.54	23.49		
15	36	0		22.75	22.69	22.59		
15	36	20		22.68	22.60	22.56		
15	36	39		22.66	22.60	22.55		
15	75	0		22.70	22.61	22.61		
15	1	0	16-QAM	22.86	22.86	22.85	20.46	0.1112
15	1	37		22.76	22.67	22.69		
15	1	74		22.71	22.70	22.68		
15	36	0		21.65	21.68	21.63		
15	36	20		21.65	21.58	21.70		
15	36	39		21.62	21.66	21.57		
15	75	0		21.64	21.63	21.64		
15	1	0	64-QAM	21.58	21.44	21.31	19.18	0.0828
15	1	37		21.37	21.32	21.20		
15	1	74		21.40	21.27	21.20		
15	36	0		20.75	20.65	20.64		
15	36	20		20.71	20.62	20.59		
15	36	39		20.68	20.60	20.63		
15	75	0		20.63	20.58	20.60		
15	1	0	256-QAM	18.72	18.69	18.62	16.54	0.0451
15	1	37		18.38	18.49	18.36		
15	1	74		18.28	18.37	18.29		
15	36	0		18.84	18.94	18.79		
15	36	20		18.81	18.83	18.84		
15	36	39		18.67	18.79	18.75		
15	75	0		18.80	18.76	18.74		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = -2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.77	23.65	23.67	21.37	0.1371
10	1	25		23.63	23.62	23.56		
10	1	49		23.67	23.55	23.56		
10	25	0		22.68	22.61	22.67		
10	25	12		22.69	22.66	22.61		
10	25	25		22.68	22.67	22.54		
10	50	0		22.65	22.62	22.64		
10	1	0	16-QAM	22.84	22.86	22.86	20.46	0.1112
10	1	25		22.78	22.74	22.68		
10	1	49		22.72	22.67	22.68		
10	25	0		21.68	21.66	21.62		
10	25	12		21.64	21.68	21.61		
10	25	25		21.65	21.62	21.62		
10	50	0		21.67	21.66	21.66		
10	1	0	64-QAM	21.56	21.47	21.39	19.16	0.0824
10	1	25		21.36	21.31	21.27		
10	1	49		21.36	21.29	21.23		
10	25	0		20.74	20.62	20.61		
10	25	12		20.68	20.62	20.66		
10	25	25		20.66	20.66	20.58		
10	50	0		20.62	20.59	20.62		
10	1	0	256-QAM	18.72	18.65	18.58	16.55	0.0452
10	1	25		18.39	18.49	18.45		
10	1	49		18.38	18.35	18.36		
10	25	0		18.90	18.95	18.94		
10	25	12		18.89	18.80	18.81		
10	25	25		18.65	18.79	18.75		
10	50	0		18.80	18.79	18.69		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = -2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.74	23.63	23.64	21.34	0.1361
5	1	12		23.64	23.55	23.53		
5	1	24		23.64	23.54	23.50		
5	12	0		22.69	22.69	22.57		
5	12	7		22.67	22.70	22.59		
5	12	13		22.68	22.64	22.53		
5	25	0		22.69	22.68	22.64		
5	1	0	16-QAM	22.84	22.87	22.86	20.47	0.1114
5	1	12		22.68	22.72	22.63		
5	1	24		22.74	22.72	22.72		
5	12	0		21.67	21.65	21.70		
5	12	7		21.63	21.62	21.65		
5	12	13		21.69	21.57	21.64		
5	25	0		21.64	21.71	21.64		
5	1	0	64-QAM	21.51	21.40	21.37	19.11	0.0815
5	1	12		21.37	21.35	21.29		
5	1	24		21.32	21.31	21.29		
5	12	0		20.71	20.66	20.62		
5	12	7		20.64	20.67	20.61		
5	12	13		20.71	20.58	20.54		
5	25	0		20.65	20.59	20.60		
5	1	0	256-QAM	18.76	18.67	18.60	16.54	0.0451
5	1	12		18.40	18.47	18.45		
5	1	24		18.32	18.42	18.44		
5	12	0		18.84	18.94	18.79		
5	12	7		18.75	18.83	18.74		
5	12	13		18.73	18.78	18.68		
5	25	0		18.75	18.80	18.70		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 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	24.13	23.97	24.15	22.45	0.1758
20	1	49		23.99	23.84	24.00		
20	1	99		23.99	23.85	23.97		
20	50	0		22.09	21.91	22.09		
20	50	24		22.06	21.89	22.06		
20	50	50		22.04	21.90	22.05		
20	100	0		22.04	21.88	22.02		
20	1	0	16-QAM	23.13	23.12	23.30	21.60	0.1445
20	1	49		22.97	22.96	23.12		
20	1	99		22.99	22.92	23.13		
20	50	0		21.10	20.89	21.08		
20	50	24		21.07	20.89	21.05		
20	50	50		21.04	20.86	21.01		
20	100	0		21.08	20.90	21.04		
20	1	0	64-QAM	22.06	21.85	21.97	20.36	0.1086
20	1	49		21.95	21.72	21.82		
20	1	99		21.90	21.66	21.79		
20	50	0		20.08	19.92	20.08		
20	50	24		20.06	19.89	20.06		
20	50	50		20.03	19.87	20.04		
20	100	0		20.04	19.87	20.05		
20	1	0	256-QAM	18.71	18.64	18.71	17.01	0.0502
20	1	49		18.67	18.68	18.59		
20	1	99		18.52	18.55	18.57		
20	50	0		16.95	16.93	16.96		
20	50	24		16.91	16.94	16.86		
20	50	50		16.93	16.94	16.96		
20	100	0		16.91	16.96	16.95		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 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	24.05	23.87	24.05	22.35	0.1718
15	1	37		23.99	23.83	23.96		
15	1	74		23.89	23.79	23.92		
15	36	0		22.01	21.87	22.07		
15	36	20		22.01	21.88	22.06		
15	36	39		22.03	21.80	21.96		
15	75	0		21.95	21.79	21.96		
15	1	0	16-QAM	23.04	23.12	23.23	21.53	0.1422
15	1	37		22.90	22.94	23.09		
15	1	74		22.97	22.91	23.11		
15	36	0		21.07	20.83	21.07		
15	36	20		21.05	20.88	20.99		
15	36	39		20.96	20.78	20.99		
15	75	0		21.06	20.81	20.95		
15	1	0	64-QAM	22.02	21.78	21.87	20.32	0.1076
15	1	37		21.94	21.71	21.80		
15	1	74		21.88	21.64	21.73		
15	36	0		20.07	19.82	20.06		
15	36	20		20.02	19.83	19.99		
15	36	39		20.01	19.78	20.01		
15	75	0		19.94	19.80	20.01		
15	1	0	256-QAM	18.70	18.55	18.65	17.00	0.0501
15	1	37		18.65	18.64	18.55		
15	1	74		18.44	18.53	18.51		
15	36	0		16.86	16.85	16.86		
15	36	20		16.82	16.85	16.80		
15	36	39		16.91	16.87	16.92		
15	75	0		16.81	16.96	16.89		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 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	23.92	24.08	22.38	0.1730
10	1	25		23.89	23.83	23.91		
10	1	49		23.91	23.76	23.92		
10	25	0		22.09	21.91	22.09		
10	25	12		21.97	21.83	21.96		
10	25	25		22.01	21.84	21.97		
10	50	0		21.95	21.80	21.98		
10	1	0	16-QAM	23.05	23.12	23.28	21.58	0.1439
10	1	25		22.87	22.87	23.09		
10	1	49		22.91	22.87	23.08		
10	25	0		21.05	20.88	20.98		
10	25	12		20.98	20.88	20.95		
10	25	25		21.00	20.86	21.01		
10	50	0		21.04	20.84	20.97		
10	1	0	64-QAM	21.98	21.85	21.92	20.28	0.1067
10	1	25		21.90	21.70	21.79		
10	1	49		21.85	21.63	21.79		
10	25	0		20.01	19.85	20.08		
10	25	12		20.04	19.82	19.97		
10	25	25		19.97	19.84	20.04		
10	50	0		20.03	19.78	19.95		
10	1	0	256-QAM	18.65	18.57	18.71	17.01	0.0502
10	1	25		18.60	18.68	18.50		
10	1	49		18.48	18.53	18.51		
10	25	0		16.94	16.88	16.88		
10	25	12		16.86	16.94	16.77		
10	25	25		16.92	16.92	16.96		
10	50	0		16.82	16.94	16.89		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 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	24.03	23.90	24.08	22.38	0.1730
5	1	12		23.94	23.84	23.94		
5	1	24		23.95	23.81	23.90		
5	12	0		22.05	21.83	22.00		
5	12	7		22.04	21.85	22.02		
5	12	13		22.01	21.90	21.98		
5	25	0		21.97	21.81	21.97		
5	1	0	16-QAM	23.07	23.09	23.29	21.59	0.1442
5	1	12		22.96	22.88	23.07		
5	1	24		22.91	22.89	23.12		
5	12	0		21.02	20.85	21.05		
5	12	7		21.01	20.89	20.96		
5	12	13		21.01	20.84	21.01		
5	25	0		21.06	20.90	20.99		
5	1	0	64-QAM	21.96	21.76	21.91	20.26	0.1062
5	1	12		21.85	21.69	21.78		
5	1	24		21.83	21.61	21.71		
5	12	0		20.02	19.91	20.03		
5	12	7		20.01	19.83	20.04		
5	12	13		19.98	19.85	19.98		
5	25	0		20.04	19.78	19.97		
5	1	0	256-QAM	18.67	18.64	18.65	16.97	0.0498
5	1	12		18.62	18.63	18.58		
5	1	24		18.45	18.47	18.54		
5	12	0		16.86	16.88	16.90		
5	12	7		16.81	16.94	16.85		
5	12	13		16.91	16.84	16.94		
5	25	0		16.87	16.96	16.93		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.74	25.56	25.68	24.04	0.2535
20	1	49		25.64	25.48	25.60		
20	1	99		25.62	25.48	25.59		
20	50	0		23.79	23.62	23.75		
20	50	24		23.77	23.59	23.71		
20	50	50		23.73	23.59	23.68		
20	100	0		23.75	23.60	23.71		
20	1	0	16-QAM	25.27	25.01	25.27	23.57	0.2275
20	1	49		24.99	24.76	24.97		
20	1	99		24.99	24.78	24.98		
20	50	0		22.82	22.62	22.75		
20	50	24		22.79	22.60	22.73		
20	50	50		22.74	22.59	22.69		
20	100	0		22.80	22.65	22.78		
20	1	0	64-QAM	23.93	23.83	24.22	22.52	0.1786
20	1	49		24.11	23.86	24.13		
20	1	99		24.06	23.89	24.07		
20	50	0		21.79	21.63	21.73		
20	50	24		21.79	21.62	21.70		
20	50	50		21.76	21.61	21.70		
20	100	0		21.75	21.59	21.71		
20	1	0	256-QAM	20.43	20.50	20.49	18.80	0.0759
20	1	49		20.34	20.26	20.32		
20	1	99		20.32	20.33	20.27		
20	50	0		18.69	18.61	18.69		
20	50	24		18.69	18.62	18.59		
20	50	50		18.57	18.64	18.63		
20	100	0		18.55	18.62	18.58		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.68	25.56	25.60	23.98	0.2500
15	1	37		25.58	25.48	25.60		
15	1	74		25.59	25.42	25.49		
15	36	0		23.78	23.53	23.70		
15	36	20		23.72	23.52	23.63		
15	36	39		23.72	23.58	23.64		
15	75	0		23.75	23.55	23.61		
15	1	0	16-QAM	25.26	24.99	25.24	23.56	0.2270
15	1	37		24.95	24.68	24.88		
15	1	74		24.98	24.77	24.91		
15	36	0		22.76	22.62	22.69		
15	36	20		22.71	22.50	22.70		
15	36	39		22.73	22.58	22.69		
15	75	0		22.70	22.64	22.69		
15	1	0	64-QAM	23.93	23.76	24.14	22.44	0.1754
15	1	37		24.07	23.84	24.03		
15	1	74		23.98	23.86	24.05		
15	36	0		21.72	21.62	21.63		
15	36	20		21.73	21.55	21.61		
15	36	39		21.67	21.58	21.62		
15	75	0		21.68	21.54	21.65		
15	1	0	256-QAM	20.43	20.50	20.40	18.80	0.0759
15	1	37		20.31	20.19	20.22		
15	1	74		20.25	20.26	20.19		
15	36	0		18.67	18.52	18.63		
15	36	20		18.59	18.57	18.51		
15	36	39		18.47	18.62	18.60		
15	75	0		18.55	18.58	18.58		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.66	25.46	25.66	23.96	0.2489
10	1	25		25.55	25.40	25.51		
10	1	49		25.58	25.47	25.58		
10	25	0		23.77	23.54	23.74		
10	25	12		23.75	23.49	23.63		
10	25	25		23.69	23.55	23.58		
10	50	0		23.68	23.59	23.70		
10	1	0	16-QAM	25.25	24.96	25.23	23.55	0.2265
10	1	25		24.95	24.70	24.95		
10	1	49		24.91	24.72	24.94		
10	25	0		22.74	22.55	22.72		
10	25	12		22.74	22.53	22.64		
10	25	25		22.70	22.55	22.59		
10	50	0		22.74	22.56	22.78		
10	1	0	64-QAM	23.93	23.83	24.20	22.50	0.1778
10	1	25		24.02	23.78	24.09		
10	1	49		23.99	23.84	24.03		
10	25	0		21.72	21.61	21.68		
10	25	12		21.77	21.53	21.65		
10	25	25		21.73	21.57	21.65		
10	50	0		21.74	21.51	21.65		
10	1	0	256-QAM	20.41	20.50	20.48	18.80	0.0759
10	1	25		20.31	20.22	20.26		
10	1	49		20.26	20.30	20.19		
10	25	0		18.64	18.54	18.64		
10	25	12		18.65	18.60	18.54		
10	25	25		18.57	18.57	18.60		
10	50	0		18.55	18.52	18.56		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) 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	25.67	25.54	25.58	23.97	0.2495
5	1	12		25.59	25.48	25.54		
5	1	24		25.55	25.43	25.56		
5	12	0		23.70	23.53	23.69		
5	12	7		23.67	23.50	23.64		
5	12	13		23.68	23.52	23.64		
5	25	0		23.68	23.51	23.65		
5	1	0	16-QAM	25.20	24.94	25.17	23.50	0.2239
5	1	12		24.91	24.66	24.88		
5	1	24		24.91	24.68	24.96		
5	12	0		22.73	22.55	22.72		
5	12	7		22.77	22.51	22.67		
5	12	13		22.64	22.53	22.61		
5	25	0		22.79	22.60	22.77		
5	1	0	64-QAM	23.87	23.79	24.12	22.42	0.1746
5	1	12		24.08	23.78	24.04		
5	1	24		23.98	23.80	24.01		
5	12	0		21.77	21.60	21.67		
5	12	7		21.72	21.61	21.63		
5	12	13		21.71	21.60	21.68		
5	25	0		21.75	21.57	21.61		
5	1	0	256-QAM	20.42	20.47	20.42	18.77	0.0753
5	1	12		20.34	20.22	20.25		
5	1	24		20.32	20.25	20.23		
5	12	0		18.64	18.55	18.63		
5	12	7		18.61	18.56	18.51		
5	12	13		18.51	18.57	18.59		
5	25	0		18.45	18.60	18.53		
Limit	EIRP < 2W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.52	23.67	23.62	20.37	0.1089
20	1	49		23.44	23.41	23.28		
20	1	99		23.43	23.23	23.48		
20	50	0		22.54	22.57	22.48		
20	50	24		22.53	22.52	22.36		
20	50	50		22.52	22.40	22.22		
20	100	0		22.52	22.53	22.35		
20	1	0	16-QAM	22.83	22.97	22.82	19.67	0.0927
20	1	49		22.78	22.74	22.54		
20	1	99		22.78	22.49	22.39		
20	50	0		21.52	21.57	21.48		
20	50	24		21.55	21.50	21.39		
20	50	50		21.52	21.39	21.26		
20	100	0		21.51	21.46	21.36		
20	1	0	64-QAM	21.61	21.84	21.73	18.54	0.0714
20	1	49		21.61	21.64	21.56		
20	1	99		21.65	21.48	21.44		
20	50	0		20.58	20.63	20.55		
20	50	24		20.61	20.56	20.43		
20	50	50		20.59	20.44	20.31		
20	100	0		20.53	20.49	20.38		
20	1	0	256-QAM	18.70	18.84	18.96	15.66	0.0368
20	1	49		18.86	18.91	18.83		
20	1	99		18.76	18.80	18.74		
20	50	0		18.66	18.70	18.69		
20	50	24		18.58	18.62	18.61		
20	50	50		18.49	18.58	18.53		
20	100	0		18.52	18.59	18.49		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.49	23.64	23.57	20.34	0.1081
15	1	37		23.36	23.40	23.21		
15	1	74		23.37	23.22	23.41		
15	36	0		22.48	22.50	22.46		
15	36	20		22.49	22.49	22.30		
15	36	39		22.49	22.33	22.20		
15	75	0		22.48	22.38	22.28		
15	1	0	16-QAM	22.77	22.91	22.76	19.61	0.0914
15	1	37		22.75	22.66	22.44		
15	1	74		22.69	22.44	22.35		
15	36	0		21.49	21.51	21.44		
15	36	20		21.51	21.49	21.31		
15	36	39		21.43	21.34	21.25		
15	75	0		21.41	21.46	21.27		
15	1	0	64-QAM	21.52	21.84	21.64	18.54	0.0714
15	1	37		21.59	21.60	21.56		
15	1	74		21.60	21.47	21.35		
15	36	0		20.54	20.61	20.51		
15	36	20		20.53	20.55	20.38		
15	36	39		20.57	20.42	20.27		
15	75	0		20.50	20.42	20.38		
15	1	0	256-QAM	18.67	18.83	18.96	15.66	0.0368
15	1	37		18.77	18.86	18.78		
15	1	74		18.66	18.71	18.68		
15	36	0		18.56	18.68	18.62		
15	36	20		18.48	18.59	18.53		
15	36	39		18.43	18.52	18.44		
15	75	0		18.51	18.51	18.44		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.42	23.63	23.54	20.33	0.1079
10	1	25		23.40	23.33	23.28		
10	1	49		23.42	23.21	23.41		
10	25	0		22.47	22.49	22.48		
10	25	12		22.51	22.51	22.30		
10	25	25		22.44	22.40	22.20		
10	50	0		22.45	22.42	22.32		
10	1	0	16-QAM	22.74	22.91	22.75	19.61	0.0914
10	1	25		22.72	22.69	22.49		
10	1	49		22.74	22.41	22.29		
10	25	0		21.47	21.56	21.43		
10	25	12		21.52	21.50	21.35		
10	25	25		21.43	21.32	21.20		
10	50	0		21.49	21.45	21.26		
10	1	0	64-QAM	21.60	21.83	21.67	18.53	0.0713
10	1	25		21.56	21.56	21.51		
10	1	49		21.65	21.38	21.41		
10	25	0		20.49	20.60	20.49		
10	25	12		20.53	20.52	20.42		
10	25	25		20.58	20.42	20.24		
10	50	0		20.52	20.39	20.28		
10	1	0	256-QAM	18.63	18.84	18.93	15.63	0.0366
10	1	25		18.77	18.84	18.83		
10	1	49		18.73	18.70	18.74		
10	25	0		18.55	18.69	18.66		
10	25	12		18.52	18.59	18.58		
10	25	25		18.51	18.51	18.47		
10	50	0		18.47	18.57	18.42		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.44	23.64	23.53	20.34	0.1081
5	1	12		23.43	23.35	23.21		
5	1	24		23.36	23.20	23.47		
5	12	0		22.45	22.55	22.42		
5	12	7		22.49	22.49	22.35		
5	12	13		22.52	22.33	22.20		
5	25	0		22.45	22.47	22.30		
5	1	0	16-QAM	22.83	22.96	22.77	19.66	0.0925
5	1	12		22.74	22.67	22.50		
5	1	24		22.68	22.43	22.30		
5	12	0		21.46	21.56	21.40		
5	12	7		21.51	21.47	21.38		
5	12	13		21.52	21.30	21.20		
5	25	0		21.48	21.36	21.36		
5	1	0	64-QAM	21.60	21.76	21.67	18.46	0.0701
5	1	12		21.61	21.61	21.54		
5	1	24		21.60	21.44	21.34		
5	12	0		20.49	20.58	20.51		
5	12	7		20.59	20.48	20.37		
5	12	13		20.54	20.43	20.29		
5	25	0		20.45	20.41	20.34		
5	1	0	256-QAM	18.70	18.84	18.93	15.63	0.0366
5	1	12		18.81	18.89	18.83		
5	1	24		18.67	18.80	18.70		
5	12	0		18.63	18.63	18.50		
5	12	7		18.52	18.52	18.54		
5	12	13		18.57	18.52	18.45		
5	25	0		18.41	18.53	18.50		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.44	23.65	23.55	20.35	0.1084
3	1	8		23.35	23.32	23.26		
3	1	14		23.33	23.22	23.46		
3	8	0		22.49	22.51	22.38		
3	8	4		22.47	22.49	22.27		
3	8	7		22.44	22.38	22.21		
3	15	0		22.43	22.42	22.26		
3	1	0	16-QAM	22.76	22.95	22.72	19.65	0.0923
3	1	8		22.69	22.64	22.48		
3	1	14		22.78	22.42	22.35		
3	8	0		21.44	21.56	21.42		
3	8	4		21.55	21.45	21.30		
3	8	7		21.48	21.35	21.22		
3	15	0		21.45	21.42	21.29		
3	1	0	64-QAM	21.52	21.84	21.73	18.54	0.0714
3	1	8		21.53	21.62	21.49		
3	1	14		21.60	21.44	21.41		
3	8	0		20.53	20.58	20.46		
3	8	4		20.52	20.55	20.37		
3	8	7		20.56	20.44	20.29		
3	15	0		20.49	20.42	20.32		
3	1	0	256-QAM	18.65	18.83	18.94	15.64	0.0366
3	1	8		18.80	18.81	18.79		
3	1	14		18.73	18.80	18.75		
3	8	0		18.61	18.61	18.63		
3	8	4		18.52	18.60	18.56		
3	8	7		18.43	18.48	18.51		
3	15	0		18.55	18.52	18.51		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.49	23.47	23.25	20.25	0.1059
1.4	1	3		23.48	23.35	23.40		
1.4	1	5		23.52	23.46	23.22		
1.4	3	0		23.44	23.37	23.22		
1.4	3	1		23.55	23.46	23.20		
1.4	3	3		23.49	23.43	23.21		
1.4	6	0		22.52	22.46	22.21		
1.4	1	0	16-QAM	22.78	22.74	22.52	19.49	0.0889
1.4	1	3		22.67	22.62	22.36		
1.4	1	5		22.79	22.72	22.49		
1.4	3	0		22.58	22.54	22.33		
1.4	3	1		22.65	22.55	22.42		
1.4	3	3		22.52	22.50	22.28		
1.4	6	0		21.58	21.49	21.31		
1.4	1	0	64-QAM	21.66	21.69	21.41	18.39	0.0690
1.4	1	3		21.63	21.59	21.35		
1.4	1	5		21.69	21.60	21.45		
1.4	3	0		21.54	21.56	21.40		
1.4	3	1		21.65	21.65	21.42		
1.4	3	3		21.68	21.59	21.43		
1.4	6	0		20.55	20.49	20.31		
1.4	1	0	256-QAM	18.69	18.76	18.95	15.65	0.0367
1.4	1	3		18.75	18.83	18.89		
1.4	1	5		18.65	18.77	18.69		
1.4	3	0		18.55	18.66	18.59		
1.4	3	1		18.60	18.58	18.52		
1.4	3	3		18.50	18.58	18.54		
1.4	6	0		18.47	18.52	18.46		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -7.5 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	20.48	20.54	20.56	12.52	0.0179
10+10	1	0	1	49		15.17	15.16	15.52		
10+10	1	49	1	0		22.08	22.17	22.12		
10+10	50	0	50	0	16-QAM	19.47	19.48	19.46	12.12	0.0163
10+10	1	0	1	49		15.66	15.62	15.35		
10+10	1	49	1	0		21.48	21.59	21.77		
10+10	50	0	50	0	64-QAM	19.47	19.56	19.52	9.96	0.0099
10+10	1	0	1	49		15.75	15.57	15.46		
10+10	1	49	1	0		19.61	19.52	19.51		
10+10	50	0	50	0	256-QAM	17.30	17.35	17.33	7.87	0.0061
10+10	1	0	1	49		15.53	15.46	15.44		
10+10	1	49	1	0		17.43	17.46	17.52		
10+5	50	0	25	0	QPSK	20.36	20.47	20.55	12.40	0.0174
10+5	1	0	1	24		13.34	13.37	13.24		
10+5	1	49	1	0		22.02	22.02	22.05		
10+5	50	0	25	0	16-QAM	19.40	19.49	19.66	11.78	0.0151
10+5	1	0	1	24		13.80	13.97	13.88		
10+5	1	49	1	0		21.38	21.43	21.37		
10+5	50	0	25	0	64-QAM	19.35	19.44	19.56	9.91	0.0098
10+5	1	0	1	24		13.72	13.90	13.89		
10+5	1	49	1	0		19.44	19.49	19.45		
10+5	50	0	25	0	256-QAM	17.35	17.36	17.33	7.87	0.0061
10+5	1	0	1	24		13.63	13.73	13.65		
10+5	1	49	1	0		17.51	17.50	17.52		
5+10	25	0	50	0	QPSK	20.39	20.38	20.44	12.50	0.0178
5+10	1	0	1	49		13.31	13.12	13.37		
5+10	1	24	1	0		22.14	22.15	22.12		
5+10	25	0	50	0	16-QAM	19.46	19.42	19.52	11.94	0.0156
5+10	1	0	1	49		13.79	13.75	13.97		
5+10	1	24	1	0		21.46	21.37	21.59		
5+10	25	0	50	0	64-QAM	19.43	19.38	19.47	10.00	0.0100
5+10	1	0	1	49		13.47	13.65	13.88		
5+10	1	24	1	0		19.65	19.52	19.51		
5+10	25	0	50	0	256-QAM	17.43	17.32	17.43	7.98	0.0063
5+10	1	0	1	49		13.79	13.79	13.63		
5+10	1	24	1	0		17.60	17.53	17.63		
Limit	ERP < 7W					Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -7.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	25	0	15	0	QPSK	22.39	22.35	22.34	12.74	0.0188
5+3	1	0	1	14		13.29	13.22	13.23		
5+3	1	24	1	0		22.20	22.17	22.18		
5+3	25	0	15	0	16-QAM	22.41	22.42	22.44	13.26	0.0212
5+3	1	0	1	14		13.79	13.83	13.02		
5+3	1	24	1	0		22.91	22.85	22.65		
5+3	25	0	15	0	64-QAM	22.42	22.40	22.41	13.05	0.0202
5+3	1	0	1	14		13.88	13.93	13.83		
5+3	1	24	1	0		22.70	22.63	22.55		
5+3	25	0	15	0	256-QAM	22.43	22.26	22.34	12.82	0.0191
5+3	1	0	1	14		13.63	13.51	13.64		
5+3	1	24	1	0		22.47	22.37	22.39		
3+5	15	0	25	0	QPSK	22.37	22.48	22.40	12.83	0.0192
3+5	1	0	1	24		13.95	13.76	14.00		
3+5	1	14	1	0		22.13	22.16	22.09		
3+5	15	0	25	0	16-QAM	22.46	22.39	22.43	12.96	0.0198
3+5	1	0	1	24		14.32	14.36	14.60		
3+5	1	14	1	0		22.43	22.61	22.29		
3+5	15	0	25	0	64-QAM	22.46	22.41	22.47	12.85	0.0193
3+5	1	0	1	24		14.38	13.98	14.26		
3+5	1	14	1	0		22.33	22.50	22.33		
3+5	15	0	25	0	256-QAM	22.50	22.21	22.42	12.85	0.0193
3+5	1	0	1	24		14.09	13.94	14.28		
3+5	1	14	1	0		22.29	22.31	22.30		
Limit	ERP < 7W					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	20.01	20.31	20.35	20.48	0.1117
20+20	1	0	1	99		14.37	15.38	15.23		
20+20	1	99	1	0		22.18	22.16	22.11		
20+20	100	0	100	0	16-QAM	18.99	19.36	19.31	19.76	0.0946
20+20	1	0	1	99		14.80	15.31	15.22		
20+20	1	99	1	0		21.44	21.46	21.41		
20+20	100	0	100	0	64-QAM	19.03	19.32	19.33	17.97	0.0627
20+20	1	0	1	99		14.82	15.11	15.40		
20+20	1	99	1	0		19.64	19.67	19.58		
20+20	100	0	100	0	256-QAM	17.13	17.45	17.55	15.85	0.0385
20+20	1	0	1	99		14.56	15.35	15.36		
20+20	1	99	1	0		17.47	17.42	17.44		
20+15	100	0	75	0	QPSK	20.10	20.39	20.11	20.38	0.1091
20+15	1	0	1	74		14.30	14.80	14.90		
20+15	1	99	1	0		22.05	22.08	22.08		
20+15	100	0	75	0	16-QAM	19.01	19.36	19.15	19.91	0.0979
20+15	1	0	1	74		14.69	15.15	15.37		
20+15	1	99	1	0		21.61	21.60	21.61		
20+15	100	0	75	0	64-QAM	19.01	19.31	19.11	17.99	0.0630
20+15	1	0	1	74		14.91	15.20	15.53		
20+15	1	99	1	0		19.52	19.69	19.63		
20+15	100	0	75	0	256-QAM	16.95	17.32	17.35	15.80	0.0380
20+15	1	0	1	74		14.72	15.14	14.85		
20+15	1	99	1	0		17.36	17.45	17.50		
15+20	75	0	100	0	QPSK	20.26	20.28	20.04	20.45	0.1109
15+20	1	0	1	99		14.19	14.67	14.75		
15+20	1	74	1	0		22.02	22.15	22.14		
15+20	75	0	100	0	16-QAM	19.09	19.25	19.07	19.87	0.0971
15+20	1	0	1	99		14.48	14.92	15.76		
15+20	1	74	1	0		21.52	21.48	21.57		
15+20	75	0	100	0	64-QAM	18.97	19.24	19.09	17.93	0.0621
15+20	1	0	1	99		14.75	15.03	15.36		
15+20	1	74	1	0		19.52	19.63	19.62		
15+20	75	0	100	0	256-QAM	16.94	17.32	17.23	15.89	0.0388
15+20	1	0	1	99		15.10	14.96	15.17		
15+20	1	74	1	0		17.53	17.59	17.45		
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	20.09	20.39	20.22	20.63	0.1156
20+10	1	0	1	74		14.32	14.94	14.87		
20+10	1	99	1	0		22.07	22.33	22.16		
20+10	100	0	75	0	16-QAM	19.04	19.37	19.20	19.96	0.0991
20+10	1	0	1	74		14.79	15.25	15.45		
20+10	1	99	1	0		21.52	21.36	21.66		
20+10	100	0	75	0	64-QAM	19.06	19.40	19.21	17.91	0.0618
20+10	1	0	1	74		14.76	15.40	15.51		
20+10	1	99	1	0		19.51	19.60	19.61		
20+10	100	0	75	0	256-QAM	17.06	17.39	17.24	15.88	0.0387
20+10	1	0	1	74		14.68	15.22	15.29		
20+10	1	99	1	0		17.50	17.49	17.58		
10+20	75	0	100	0	QPSK	18.88	20.25	20.00	20.54	0.1132
10+20	1	0	1	99		14.05	14.58	14.62		
10+20	1	74	1	0		21.98	22.24	22.12		
10+20	75	0	100	0	16-QAM	18.84	19.20	19.09	19.97	0.0993
10+20	1	0	1	99		14.46	15.00	15.03		
10+20	1	74	1	0		21.42	21.55	21.67		
10+20	75	0	100	0	64-QAM	18.91	19.22	19.03	17.84	0.0608
10+20	1	0	1	99		14.48	15.07	15.03		
10+20	1	74	1	0		19.43	19.43	19.54		
10+20	75	0	100	0	256-QAM	16.96	17.25	17.42	15.76	0.0377
10+20	1	0	1	99		14.39	14.92	15.48		
10+20	1	74	1	0		17.46	17.45	17.39		
15+15	75	0	100	0	QPSK	19.95	20.40	20.20	20.64	0.1159
15+15	1	0	1	99		14.28	14.78	15.04		
15+15	1	74	1	0		22.13	22.18	22.34		
15+15	75	0	100	0	16-QAM	19.05	19.37	19.23	20.01	0.1002
15+15	1	0	1	99		14.59	15.22	15.30		
15+15	1	74	1	0		21.53	21.66	21.71		
15+15	75	0	100	0	64-QAM	19.01	19.34	19.35	18.08	0.0643
15+15	1	0	1	99		14.97	15.11	15.10		
15+15	1	74	1	0		19.60	19.73	19.78		
15+15	75	0	100	0	256-QAM	17.06	17.46	17.28	16.06	0.0404
15+15	1	0	1	99		14.71	14.98	15.07		
15+15	1	74	1	0		17.55	17.76	17.74		
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	20.22	20.40	20.29	20.51	0.1125
15+10	1	0	1	99		14.30	14.97	14.91		
15+10	1	74	1	0		22.06	22.13	22.21		
15+10	75	0	100	0	16-QAM	19.13	19.42	19.32	19.91	0.0979
15+10	1	0	1	99		14.78	15.30	15.41		
15+10	1	74	1	0		21.56	21.61	21.60		
15+10	75	0	100	0	64-QAM	20.90	19.44	19.28	19.20	0.0832
15+10	1	0	1	99		14.83	15.34	15.27		
15+10	1	74	1	0		19.51	19.63	19.49		
15+10	75	0	100	0	256-QAM	17.29	17.42	17.29	15.87	0.0386
15+10	1	0	1	99		14.68	15.28	15.77		
15+10	1	74	1	0		17.50	17.57	17.49		
Limit	EIRP < 2W					Result			Pass	



LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = -2.4 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	23.22	23.20	23.27	22.73	0.1875
20+20	1	0	1	99		16.95	16.96	17.00		
20+20	1	99	1	0		25.09	25.10	25.13		
20+20	100	0	100	0	16-QAM	22.24	22.27	22.27	21.86	0.1535
20+20	1	0	1	99		17.03	17.03	17.06		
20+20	1	99	1	0		24.26	24.24	24.24		
20+20	100	0	100	0	64-QAM	22.21	22.23	22.20	19.90	0.0977
20+20	1	0	1	99		16.99	17.03	17.06		
20+20	1	99	1	0		22.20	22.21	22.30		
20+20	100	0	100	0	256-QAM	20.23	20.26	20.22	17.86	0.0611
20+20	1	0	1	99		16.76	16.77	16.85		
20+20	1	99	1	0		19.96	19.98	20.09		
15+15	75	0	75	0	QPSK	23.18	23.24	23.23	22.74	0.1879
15+15	1	0	1	74		16.98	17.02	17.02		
15+15	1	74	1	0		25.08	25.12	25.14		
15+15	75	0	75	0	16-QAM	22.23	22.27	22.25	21.92	0.1556
15+15	1	0	1	74		17.01	17.11	17.08		
15+15	1	74	1	0		24.24	24.32	24.30		
15+15	75	0	75	0	64-QAM	22.25	22.31	22.26	19.91	0.0979
15+15	1	0	1	74		16.95	16.97	17.02		
15+15	1	74	1	0		22.23	22.21	22.26		
15+15	75	0	75	0	256-QAM	20.19	20.31	20.25	17.91	0.0618
15+15	1	0	1	74		16.80	16.83	16.89		
15+15	1	74	1	0		20.02	20.04	20.12		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_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	18.96	19.17	19.23	17.53	0.0566
20+20	1	0	1	99		11.63	11.83	11.88		
20+20	1	99	1	0		11.79	11.96	11.76		
20+20	100	0	100	0	16-QAM	17.96	18.14	18.09	16.44	0.0441
20+20	1	0	1	99		11.73	11.95	11.85		
20+20	1	99	1	0		11.83	12.00	12.03		
20+20	100	0	100	0	64-QAM	17.89	18.09	18.11	16.41	0.0438
20+20	1	0	1	99		9.74	9.96	9.88		
20+20	1	99	1	0		9.86	10.01	10.02		
20+20	100	0	100	0	256-QAM	15.95	16.13	16.22	14.52	0.0283
20+20	1	0	1	99		5.25	5.45	5.37		
20+20	1	99	1	0		5.38	5.50	5.42		
20+15	100	0	75	0	QPSK	18.94	19.13	19.29	17.59	0.0574
20+15	1	0	1	74		11.68	11.90	12.16		
20+15	1	99	1	0		11.73	11.91	12.17		
20+15	100	0	75	0	16-QAM	17.94	18.17	18.37	16.67	0.0465
20+15	1	0	1	74		11.77	11.99	12.16		
20+15	1	99	1	0		11.83	11.99	12.16		
20+15	100	0	75	0	64-QAM	17.91	18.15	18.36	16.66	0.0463
20+15	1	0	1	74		9.73	9.92	10.02		
20+15	1	99	1	0		9.87	9.96	10.07		
20+15	100	0	75	0	256-QAM	15.95	16.19	16.41	14.71	0.0296
20+15	1	0	1	74		5.27	5.53	5.67		
20+15	1	99	1	0		5.39	5.51	5.68		
15+20	75	0	100	0	QPSK	18.85	19.06	19.25	17.55	0.0569
15+20	1	0	1	99		11.56	11.76	12.01		
15+20	1	74	1	0		11.76	11.88	12.11		
15+20	75	0	100	0	16-QAM	17.93	18.09	18.30	16.60	0.0457
15+20	1	0	1	99		11.66	11.85	12.16		
15+20	1	74	1	0		11.82	12.01	12.20		
15+20	75	0	100	0	64-QAM	17.87	18.07	18.29	16.59	0.0456
15+20	1	0	1	99		9.71	9.86	10.05		
15+20	1	74	1	0		9.81	9.93	10.16		
15+20	75	0	100	0	256-QAM	15.91	16.12	16.33	14.63	0.0290
15+20	1	0	1	99		5.22	5.40	5.59		
15+20	1	74	1	0		5.29	5.46	5.68		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_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	50	0	QPSK	18.86	19.09	19.35	17.65	0.0582
20+10	1	0	1	49		11.58	11.80	12.10		
20+10	1	99	1	0		11.69	11.83	12.17		
20+10	100	0	50	0	16-QAM	17.87	18.10	18.35	16.65	0.0462
20+10	1	0	1	49		11.64	11.82	12.22		
20+10	1	99	1	0		11.69	11.83	12.26		
20+10	100	0	50	0	64-QAM	17.88	18.06	18.35	16.65	0.0462
20+10	1	0	1	49		9.66	9.87	10.05		
20+10	1	99	1	0		9.74	9.88	10.10		
20+10	100	0	50	0	256-QAM	15.91	16.12	16.40	14.70	0.0295
20+10	1	0	1	49		5.23	5.46	5.69		
20+10	1	99	1	0		5.32	5.47	5.60		
10+20	50	0	100	0	QPSK	18.75	18.96	19.23	17.53	0.0566
10+20	1	0	1	99		11.49	11.62	11.93		
10+20	1	49	1	0		11.63	11.75	12.04		
10+20	50	0	100	0	16-QAM	17.81	17.99	18.23	16.53	0.0450
10+20	1	0	1	99		11.55	11.75	12.04		
10+20	1	49	1	0		11.76	11.83	12.15		
10+20	50	0	100	0	64-QAM	17.79	17.97	18.26	16.56	0.0453
10+20	1	0	1	99		9.58	9.76	10.00		
10+20	1	49	1	0		9.73	9.82	10.09		
10+20	50	0	100	0	256-QAM	15.85	16.03	16.28	14.58	0.0287
10+20	1	0	1	99		5.14	5.28	5.54		
10+20	1	49	1	0		5.29	5.33	5.62		
20+5	100	0	25	0	QPSK	18.77	19.01	19.22	17.52	0.0565
20+5	1	0	1	24		11.59	11.81	11.89		
20+5	1	99	1	0		11.54	11.72	11.88		
20+5	100	0	25	0	16-QAM	17.80	18.03	18.13	16.43	0.0440
20+5	1	0	1	24		11.64	11.84	11.85		
20+5	1	99	1	0		11.61	11.80	11.81		
20+5	100	0	25	0	64-QAM	17.76	18.01	18.06	16.36	0.0433
20+5	1	0	1	24		9.65	9.87	9.88		
20+5	1	99	1	0		9.62	9.79	9.75		
20+5	100	0	25	0	256-QAM	15.86	16.07	16.08	14.38	0.0274
20+5	1	0	1	24		5.19	5.34	5.33		
20+5	1	99	1	0		5.13	5.33	5.34		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_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						
5+20	25	0	100	0	QPSK	18.80	19.05	19.26	17.56	0.0570
5+20	1	0	1	99		11.56	11.72	11.96		
5+20	1	24	1	0		11.65	11.82	12.05		
5+20	25	0	100	0	16-QAM	17.84	18.07	18.25	16.55	0.0452
5+20	1	0	1	99		11.62	11.79	12.01		
5+20	1	24	1	0		11.71	11.86	12.16		
5+20	25	0	100	0	64-QAM	17.81	18.05	18.24	16.54	0.0451
5+20	1	0	1	99		9.60	9.76	10.05		
5+20	1	24	1	0		9.63	9.87	10.12		
5+20	25	0	100	0	256-QAM	15.89	16.07	16.31	14.61	0.0289
5+20	1	0	1	99		5.21	5.33	5.59		
5+20	1	24	1	0		5.29	5.40	5.59		
15+10	75	0	50	0	QPSK	18.73	18.99	19.24	17.54	0.0568
15+10	1	0	1	49		11.46	11.67	12.02		
15+10	1	74	1	0		11.54	11.74	12.04		
15+10	75	0	50	0	16-QAM	17.72	17.98	18.26	16.56	0.0453
15+10	1	0	1	49		11.55	11.72	11.97		
15+10	1	74	1	0		11.62	11.80	12.16		
15+10	75	0	50	0	64-QAM	17.74	17.98	18.26	16.56	0.0453
15+10	1	0	1	49		9.60	9.83	10.06		
15+10	1	74	1	0		9.62	9.77	10.07		
15+10	75	0	50	0	256-QAM	15.81	16.04	16.33	14.63	0.0290
15+10	1	0	1	49		5.14	5.32	5.58		
15+10	1	74	1	0		5.21	5.34	5.62		
10+15	50	0	75	0	QPSK	18.74	18.99	19.23	17.53	0.0566
10+15	1	0	1	74		11.49	11.69	11.93		
10+15	1	49	1	0		11.56	11.73	11.99		
10+15	50	0	75	0	16-QAM	17.73	17.96	18.22	16.52	0.0449
10+15	1	0	1	74		11.61	11.79	12.04		
10+15	1	49	1	0		11.68	11.83	11.99		
10+15	50	0	75	0	64-QAM	17.77	17.99	18.24	16.54	0.0451
10+15	1	0	1	74		9.52	9.74	9.78		
10+15	1	49	1	0		9.66	9.86	9.88		
10+15	50	0	75	0	256-QAM	15.82	16.03	16.29	14.59	0.0288
10+15	1	0	1	74		5.13	5.32	5.43		
10+15	1	49	1	0		5.20	5.40	5.45		
Limit	EIRP < 2W					Result			Pass	



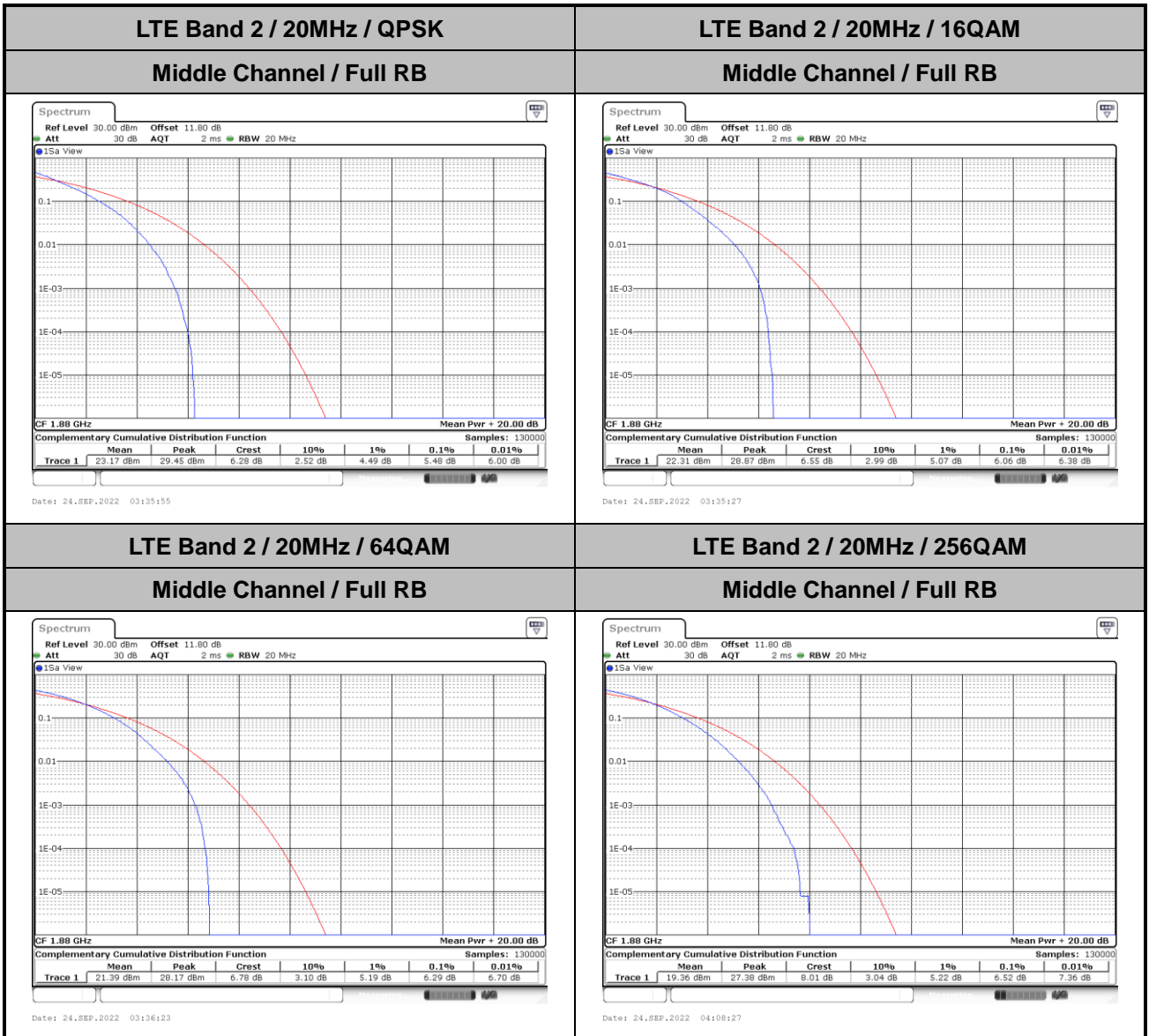
LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.7 dB)										
15+15	75	0	75	0	QPSK	18.87	19.12	19.26	17.56	0.0570
15+15	1	0	1	74		11.62	11.84	12.11		
15+15	1	74	1	0		11.72	11.86	12.15		
15+15	75	0	75	0	16-QAM	17.84	18.07	18.26	16.56	0.0453
15+15	1	0	1	74		11.72	11.95	12.05		
15+15	1	74	1	0		11.86	12.02	12.13		
15+15	75	0	75	0	64-QAM	17.85	18.07	18.27	16.57	0.0454
15+15	1	0	1	74		9.64	9.86	10.06		
15+15	1	74	1	0		9.80	9.97	10.10		
15+15	75	0	75	0	256-QAM	15.89	16.11	16.32	14.62	0.0290
15+15	1	0	1	74		5.23	5.47	5.63		
15+15	1	74	1	0		5.30	5.52	5.68		
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	5.48	6.06	6.29	6.52	PASS





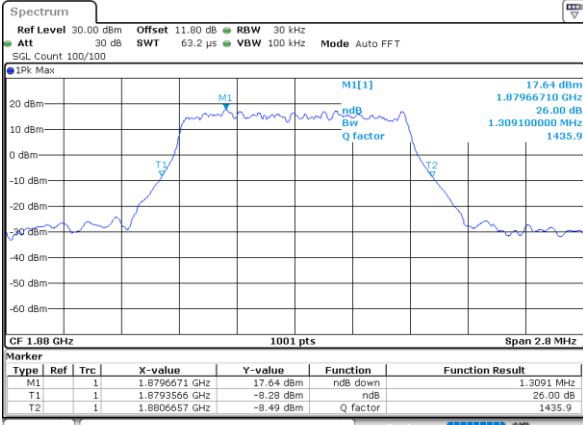
26dB Bandwidth

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	1.31	1.33	3.10	3.13	5.29	5.11	10.13	10.25	14.36	14.27	19.50	19.54
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.38	1.30	3.10	3.02	5.23	5.15	10.49	10.27	14.30	15.26	18.94	19.10



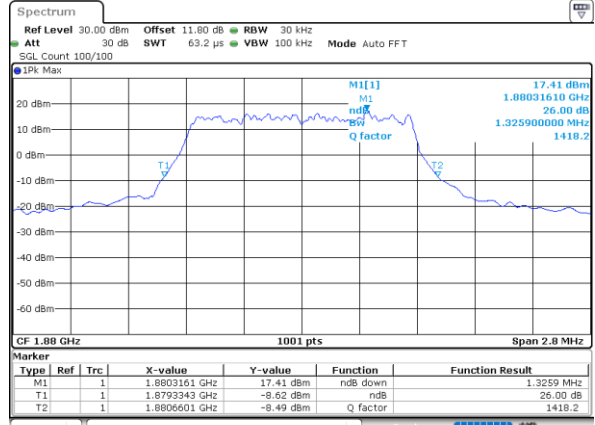
LTE Band 2

Middle Channel / 1.4MHz / QPSK



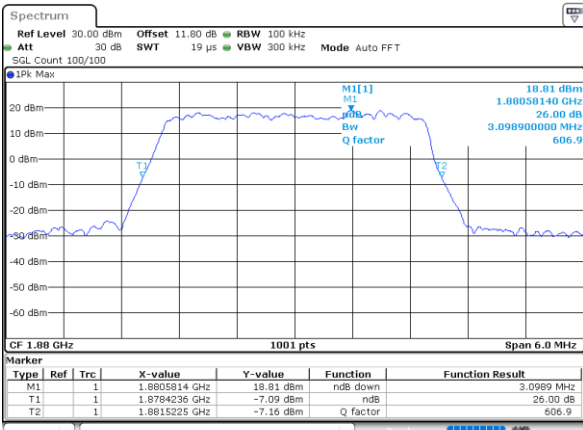
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Middle Channel / 1.4MHz / 16QAM



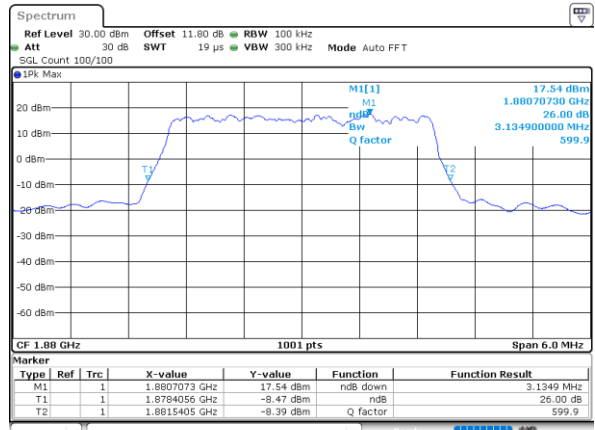
Date: 24.SEP.2022 01:54:51

Middle Channel / 3MHz / QPSK



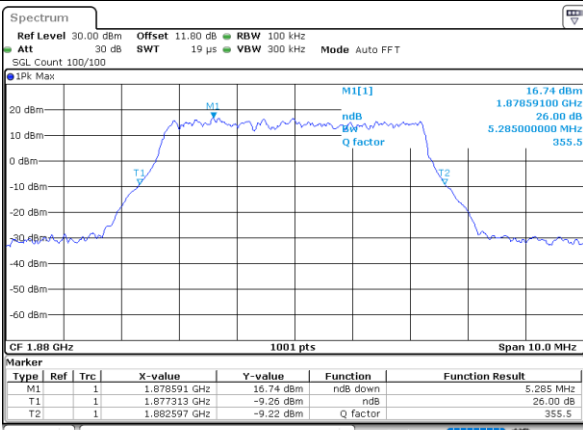
Date: 24.SEP.2022 02:08:44

Middle Channel / 3MHz / 16QAM



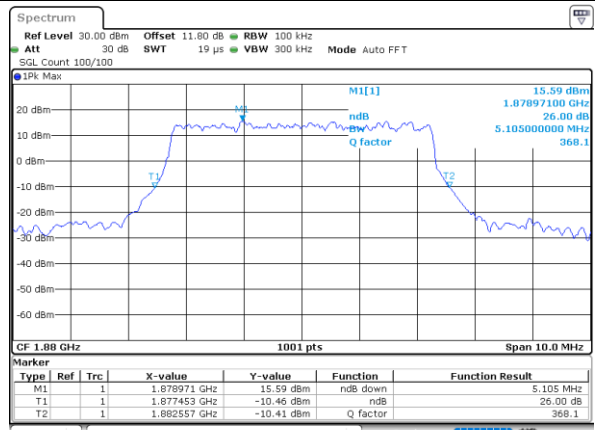
Date: 24.SEP.2022 02:09:10

Middle Channel / 5MHz / QPSK



Date: 24.SEP.2022 02:27:25

Middle Channel / 5MHz / 16QAM

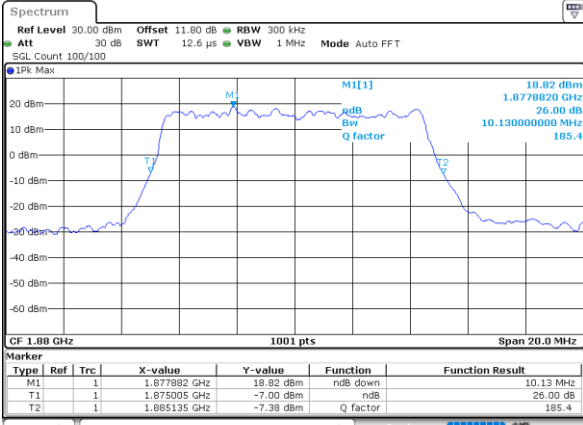


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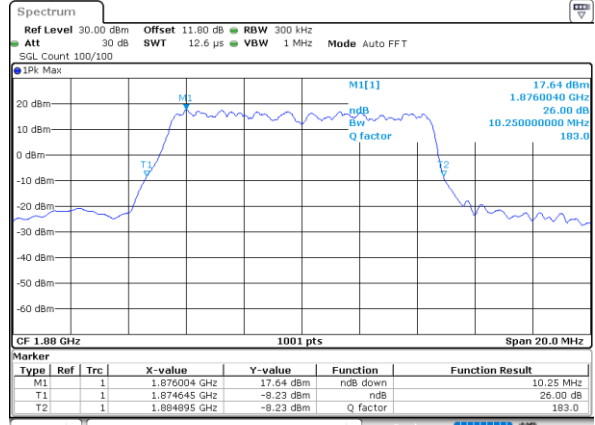
LTE Band 2

Middle Channel / 10MHz / QPSK



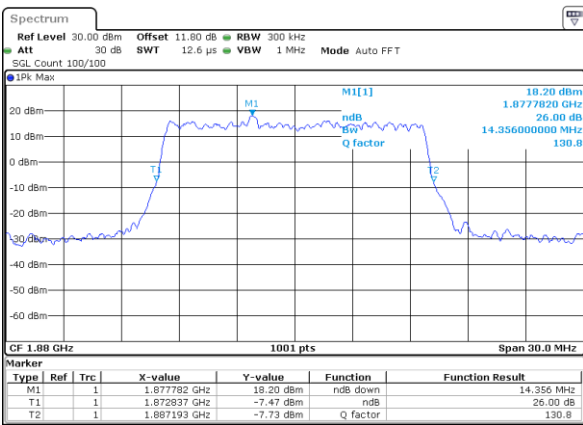
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Middle Channel / 10MHz / 16QAM



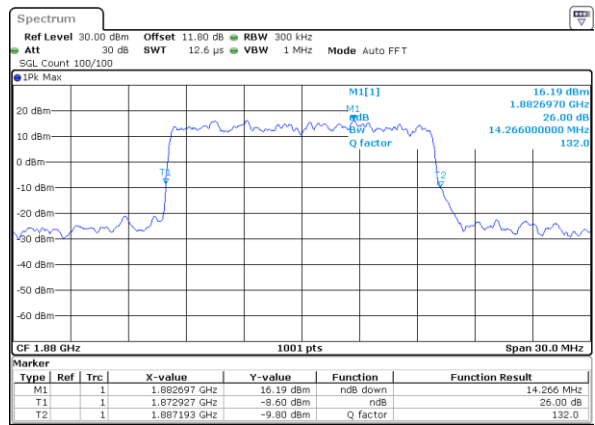
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Middle Channel / 15MHz / QPSK



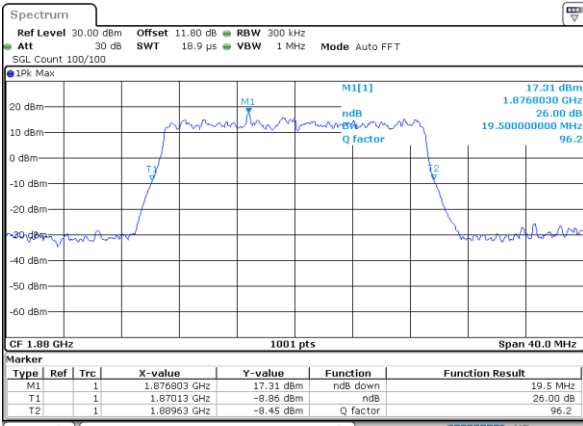
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Middle Channel / 15MHz / 16QAM



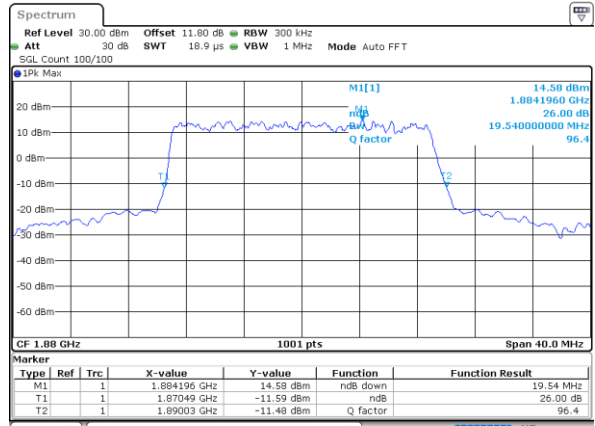
Date: 24_SEP.2022 03:05:17

Middle Channel / 20MHz / QPSK



Date: 24_SEP.2022 03:23:33

Middle Channel / 20MHz / 16QAM

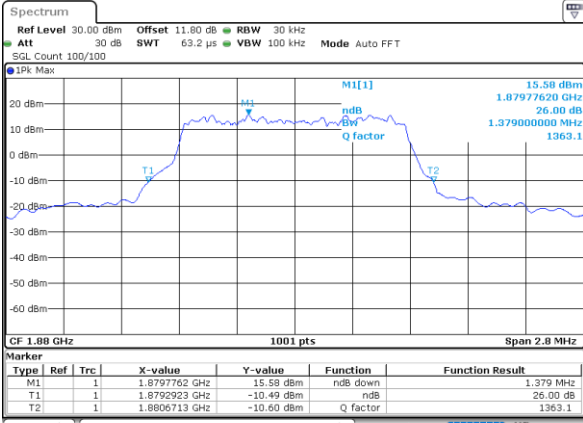


Date: 24_SEP.2022 03:23:59



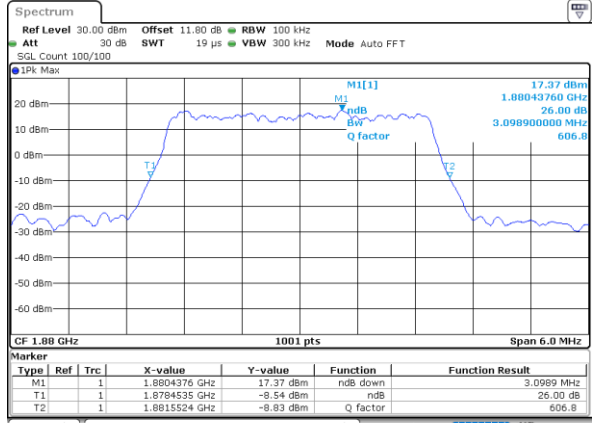
LTE Band 2

Middle Channel / 1.4MHz / 64QAM



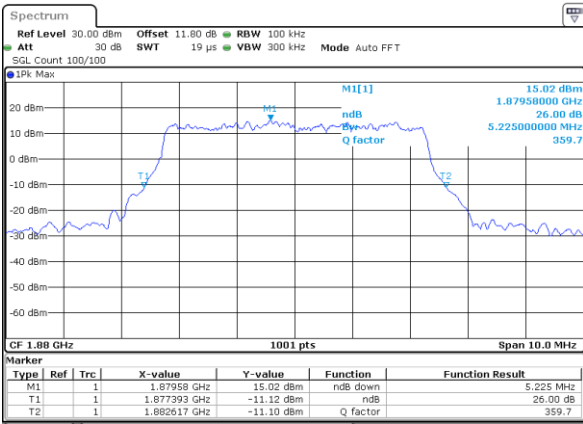
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Middle Channel / 3MHz / 64QAM



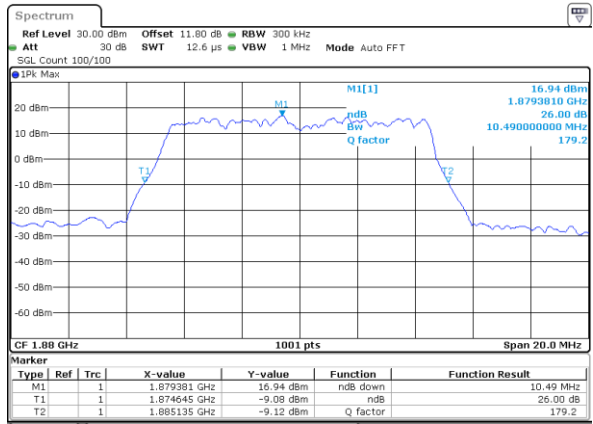
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Middle Channel / 5MHz / 64QAM



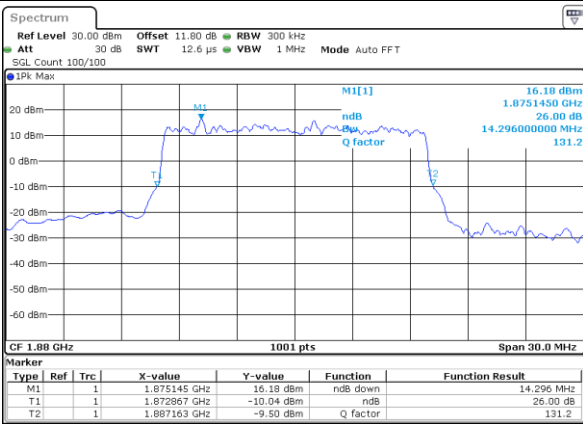
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Middle Channel / 10MHz / 64QAM



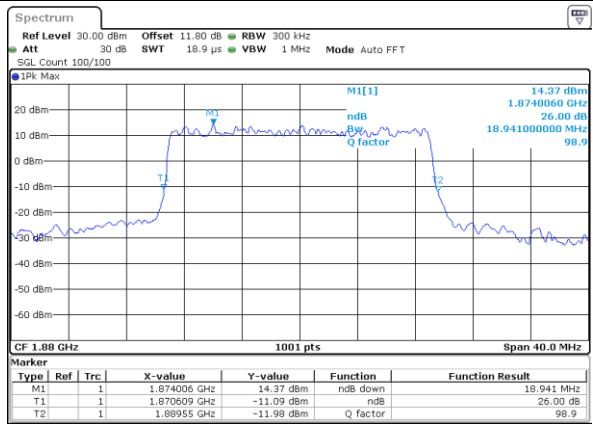
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Middle Channel / 15MHz / 64QAM



Date: 24.SEP.2022 03:14:26

Middle Channel / 20MHz / 64QAM

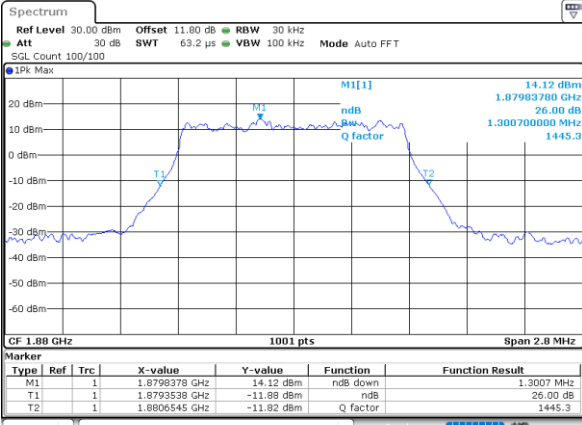


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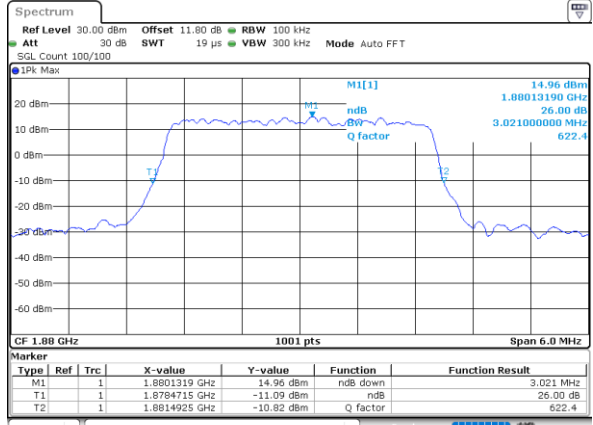
LTE Band 2

Middle Channel / 1.4MHz / 256QAM



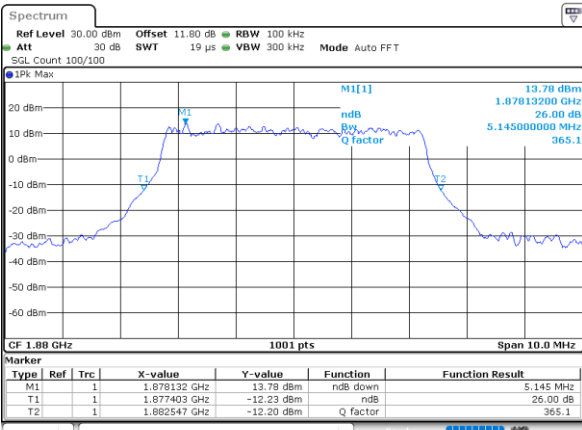
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Middle Channel / 3MHz / 256QAM



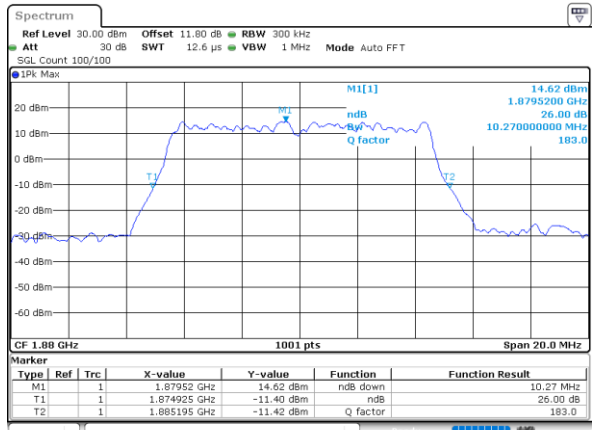
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Middle Channel / 5MHz / 256QAM



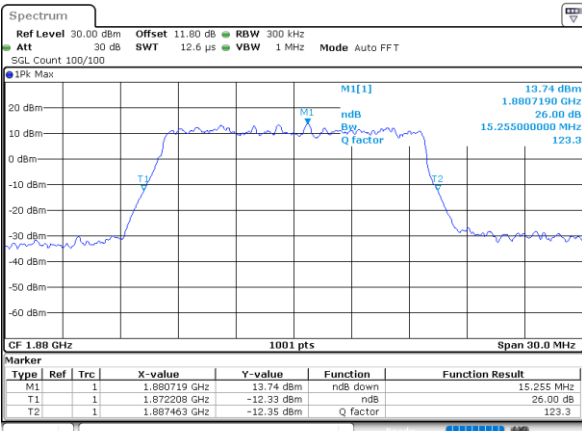
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Middle Channel / 10MHz / 256QAM



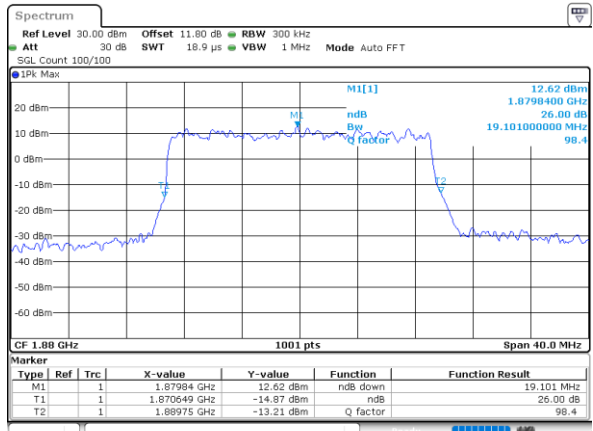
Date: 24.SEP.2022 03:55:33

Middle Channel / 15MHz / 256QAM



Date: 24.SEP.2022 04:00:52

Middle Channel / 20MHz / 256QAM



Date: 24.SEP.2022 04:06:07



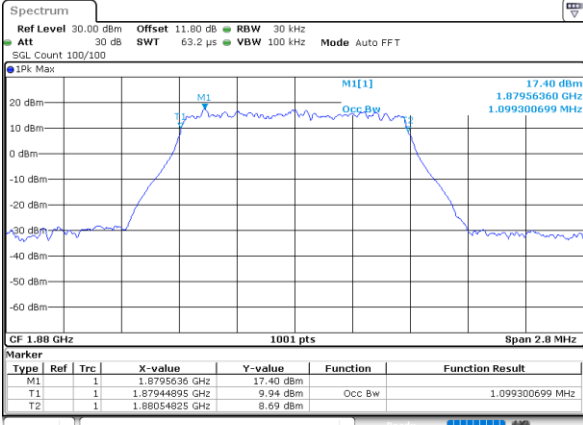
Occupied Bandwidth

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	1.10	1.10	2.72	2.73	4.55	4.50	9.07	9.03	13.40	13.49	17.90	17.94
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	1.09	2.72	2.72	4.50	4.51	9.03	9.01	13.46	13.46	17.86	17.90



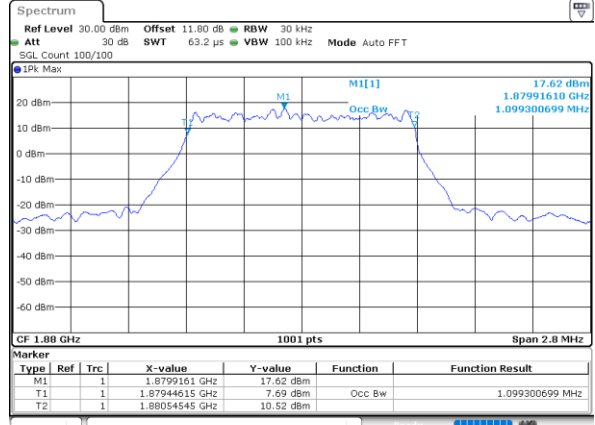
LTE Band 2

Middle Channel / 1.4MHz / QPSK



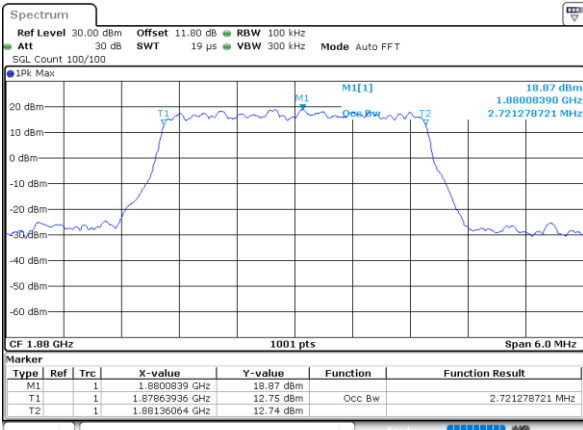
Date: 24_SEP.2022 01:53:33

Middle Channel / 1.4MHz / 16QAM



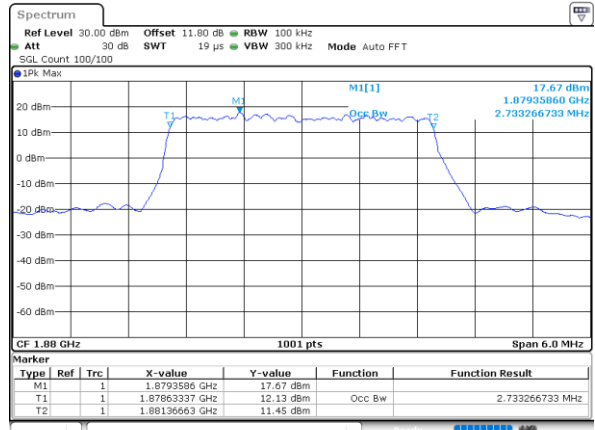
Date: 24_SEP.2022 01:53:59

Middle Channel / 3MHz / QPSK



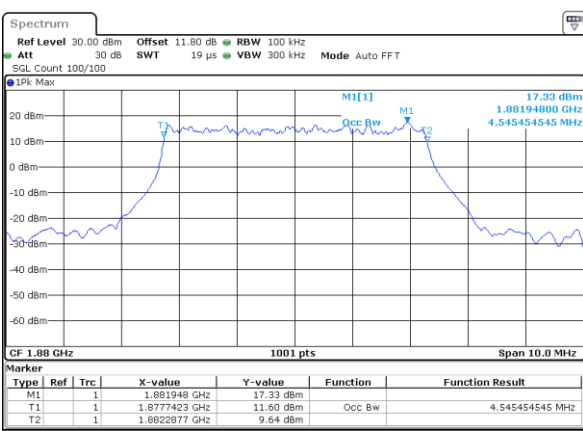
Date: 24_SEP.2022 02:07:52

Middle Channel / 3MHz / 16QAM



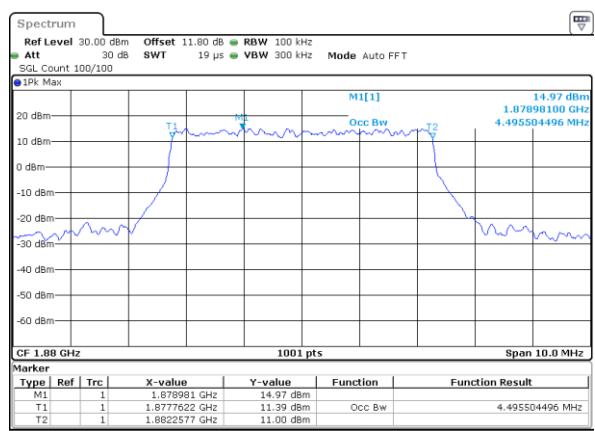
Date: 24_SEP.2022 02:08:18

Middle Channel / 5MHz / QPSK



Date: 24_SEP.2022 02:26:33

Middle Channel / 5MHz / 16QAM

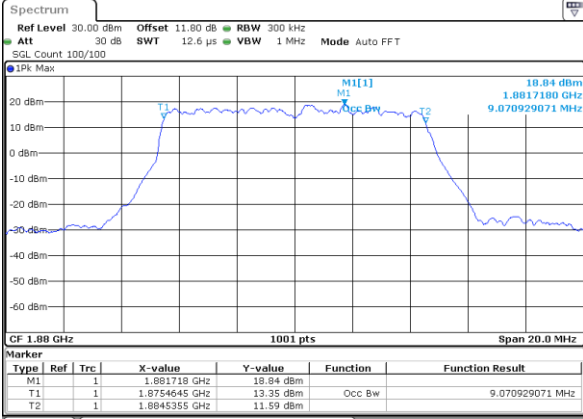


Date: 24_SEP.2022 02:26:59



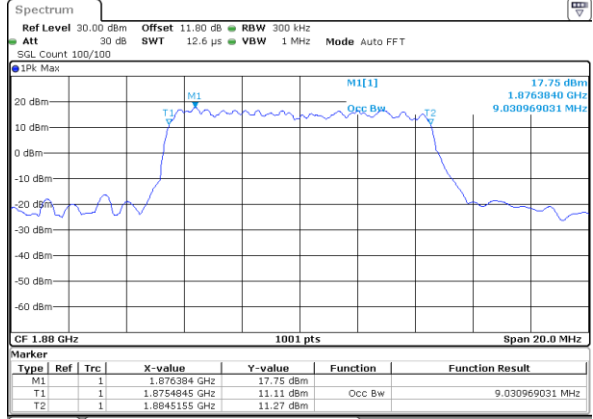
LTE Band 2

Middle Channel / 10MHz / QPSK



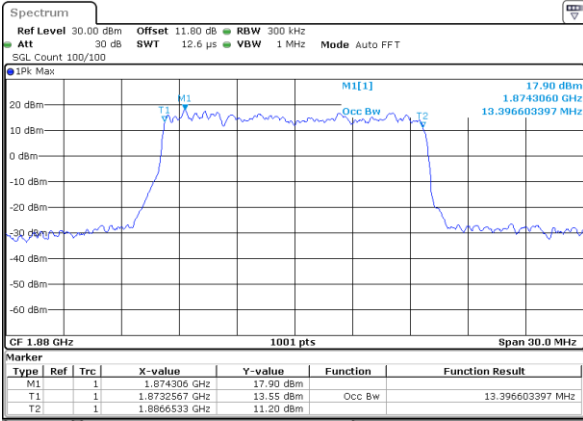
Date: 24.SEP.2022 02:45:16

Middle Channel / 10MHz / 16QAM



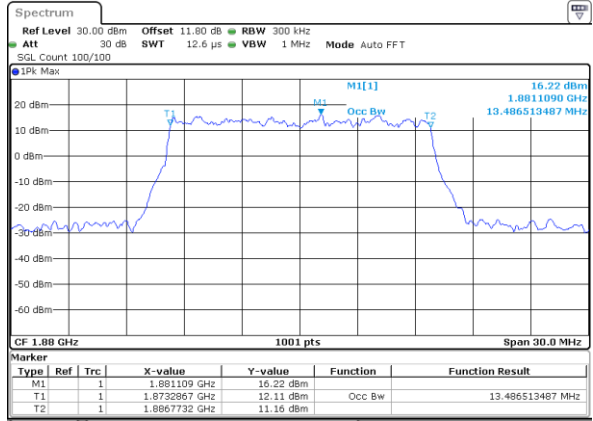
Date: 24.SEP.2022 02:45:42

Middle Channel / 15MHz / QPSK



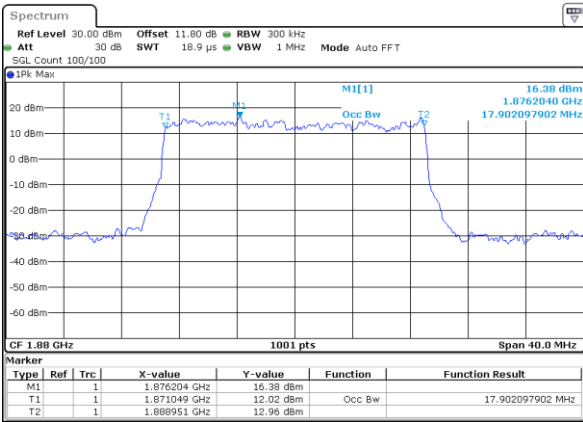
Date: 24.SEP.2022 03:03:59

Middle Channel / 15MHz / 16QAM



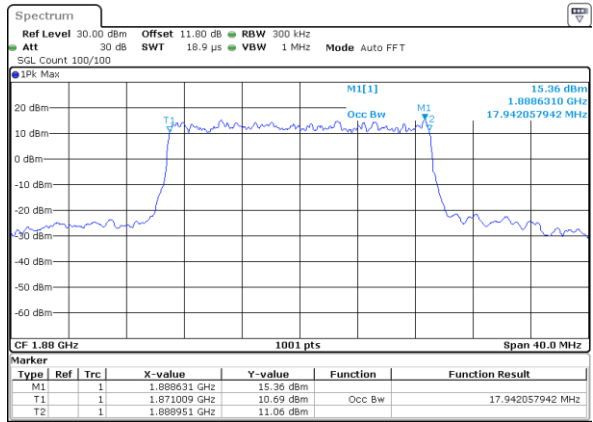
Date: 24.SEP.2022 03:04:25

Middle Channel / 20MHz / QPSK



Date: 24.SEP.2022 03:22:41

Middle Channel / 20MHz / 16QAM

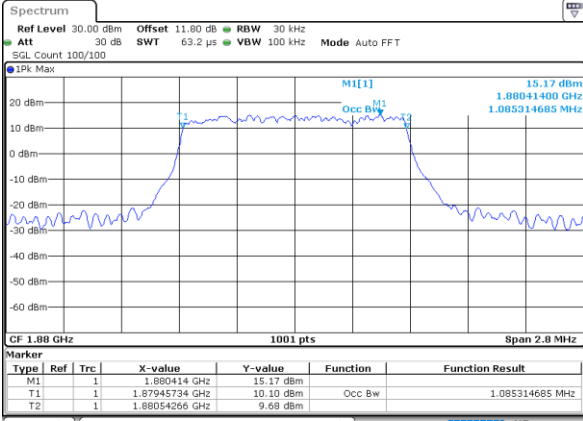


Date: 24.SEP.2022 03:23:07



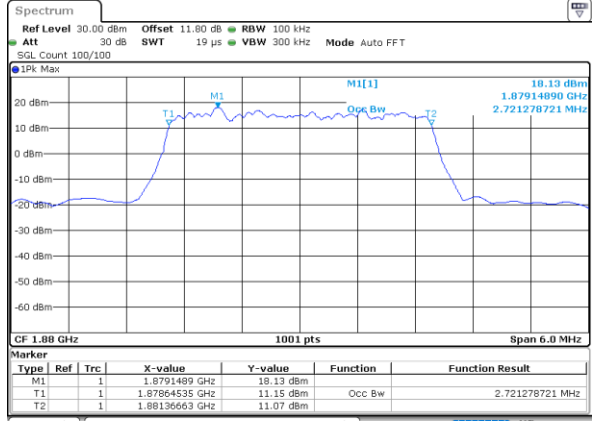
LTE Band 2

Middle Channel / 1.4MHz / 64QAM



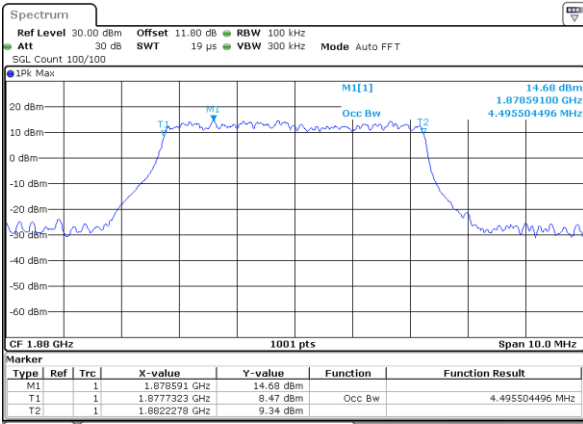
Date: 24_SEP.2022 01:45:50

Middle Channel / 3MHz / 64QAM



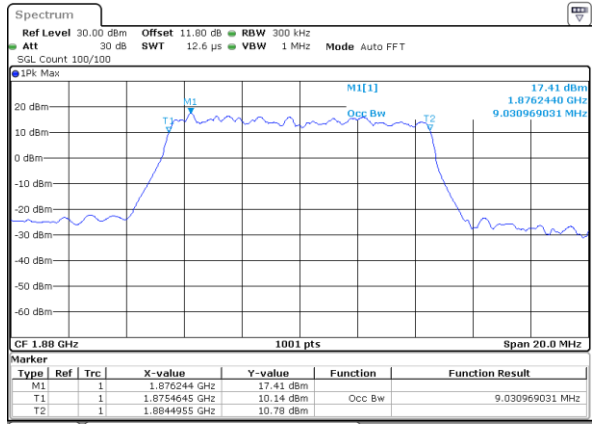
Date: 24_SEP.2022 02:18:04

Middle Channel / 5MHz / 64QAM



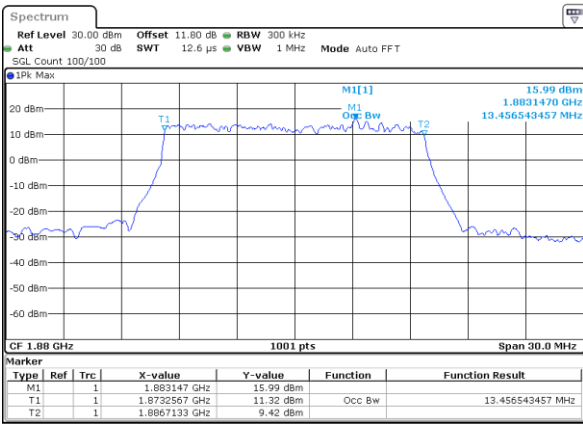
Date: 24_SEP.2022 02:36:46

Middle Channel / 10MHz / 64QAM



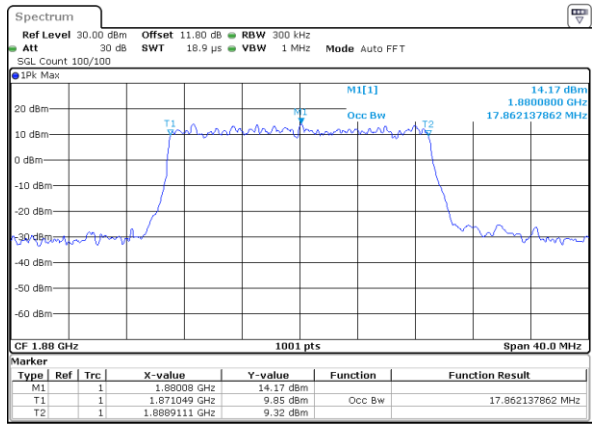
Date: 24_SEP.2022 02:55:30

Middle Channel / 15MHz / 64QAM



Date: 24_SEP.2022 03:14:12

Middle Channel / 20MHz / 64QAM

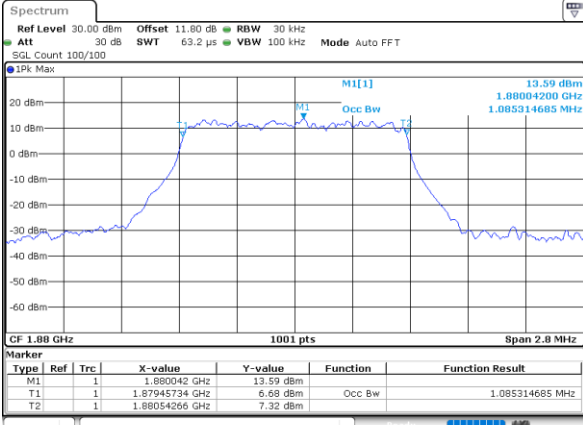


Date: 24_SEP.2022 03:32:54



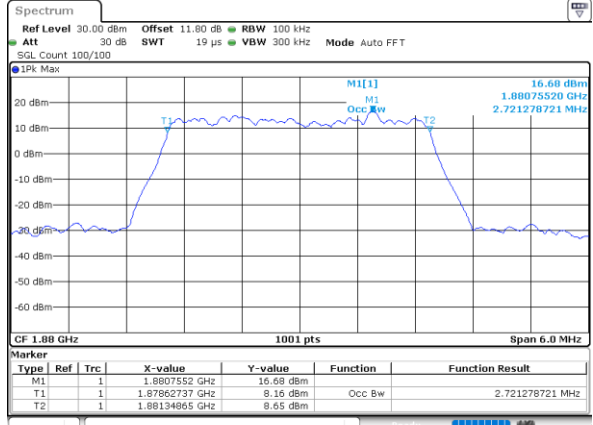
LTE Band 2

Middle Channel / 1.4MHz / 256QAM



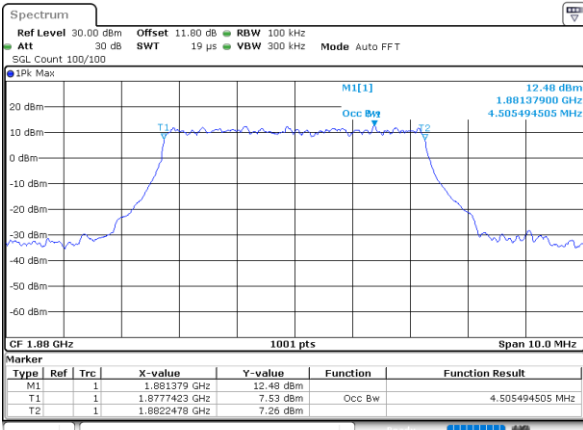
Date: 24_SEP.2022 03:39:32

Middle Channel / 3MHz / 256QAM



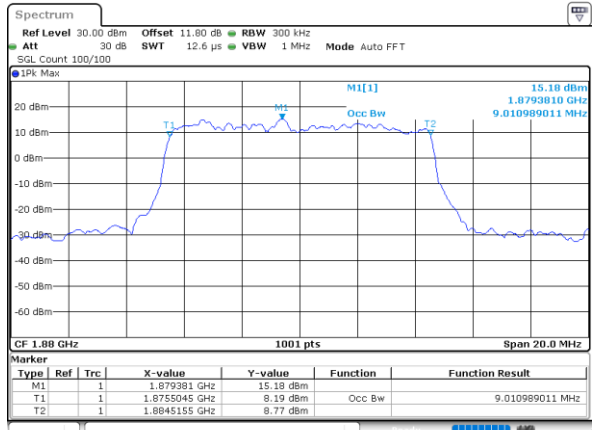
Date: 24_SEP.2022 03:44:48

Middle Channel / 5MHz / 256QAM



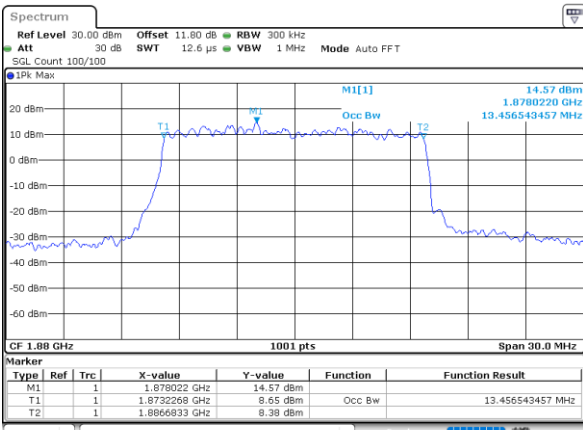
Date: 24_SEP.2022 03:50:03

Middle Channel / 10MHz / 256QAM



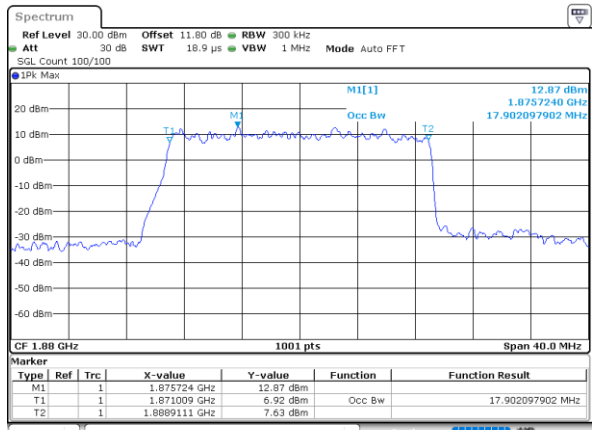
Date: 24_SEP.2022 03:55:19

Middle Channel / 15MHz / 256QAM



Date: 24_SEP.2022 04:00:38

Middle Channel / 20MHz / 256QAM



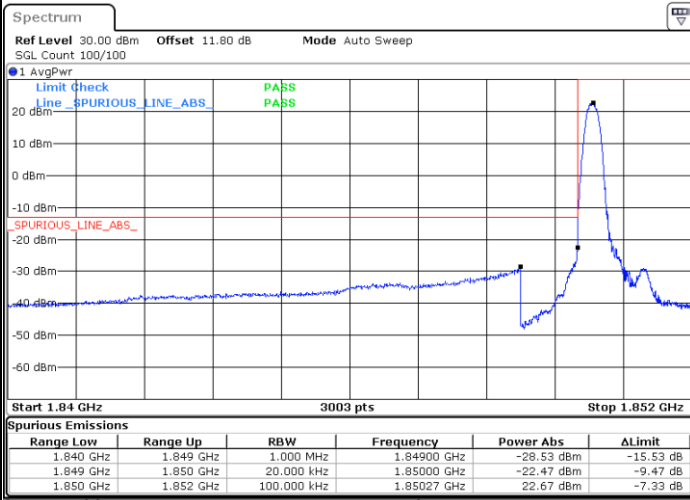
Date: 24_SEP.2022 04:05:53



Conducted Band Edge

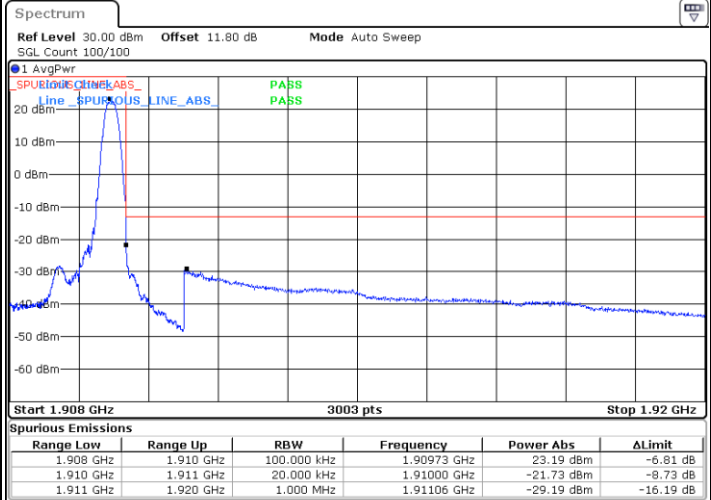
LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



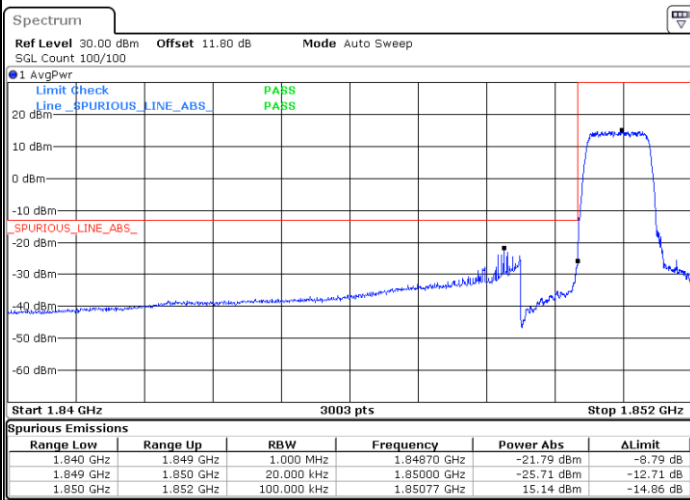
Date: 24.SEP.2022 01:48:52

Highest Band Edge / 1RB



Date: 24.SEP.2022 01:57:13

Lowest Band Edge / Full RB



Date: 24.SEP.2022 01:50:45

Highest Band Edge / Full RB

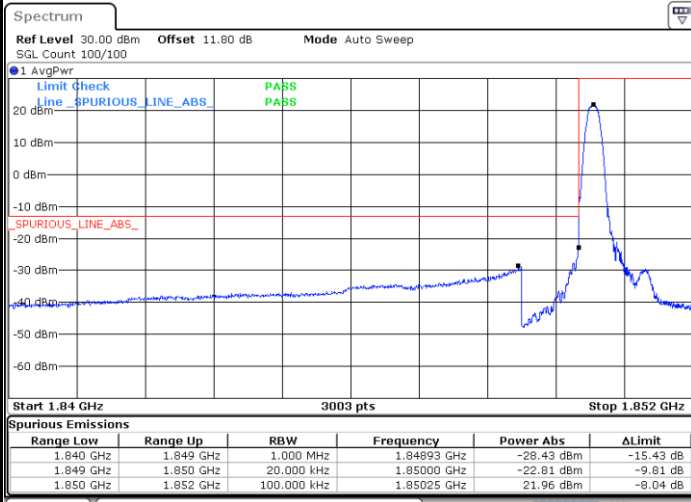


Date: 24.SEP.2022 01:59:06



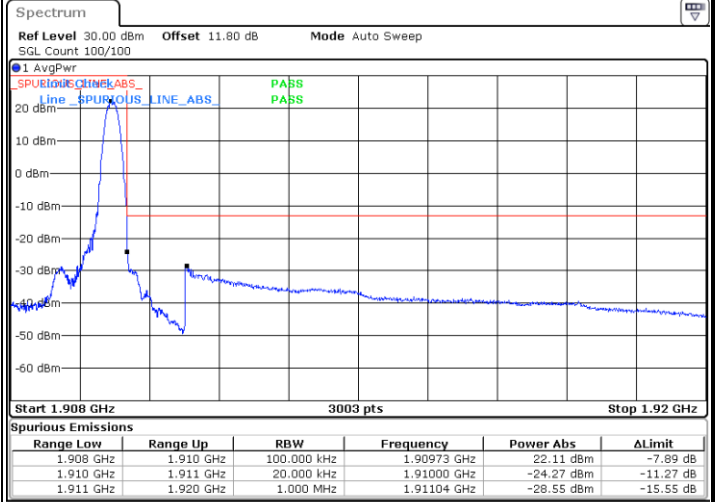
LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



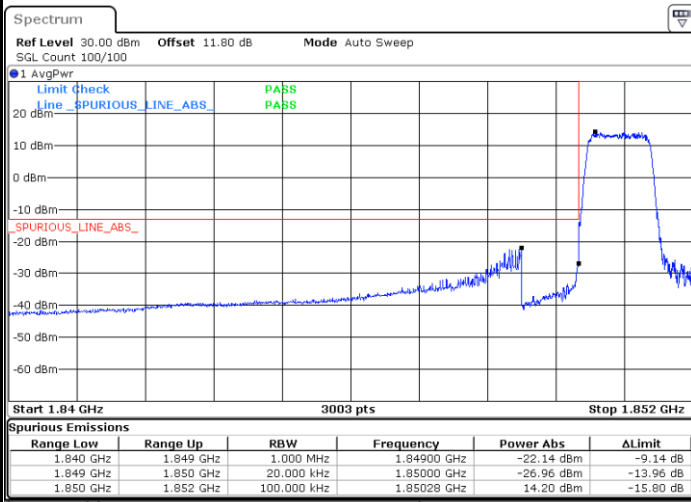
Date: 24.SEP.2022 01:49:48

Highest Band Edge / 1 RB



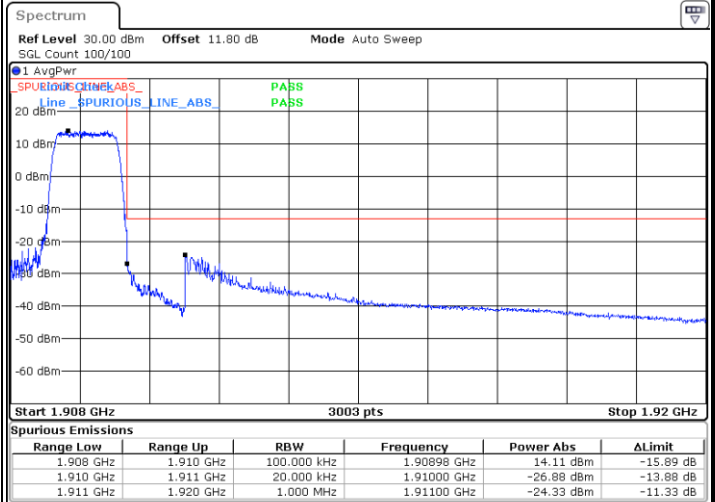
Date: 24.SEP.2022 01:58:09

Lowest Band Edge / Full RB



Date: 24.SEP.2022 01:51:41

Highest Band Edge / Full RB

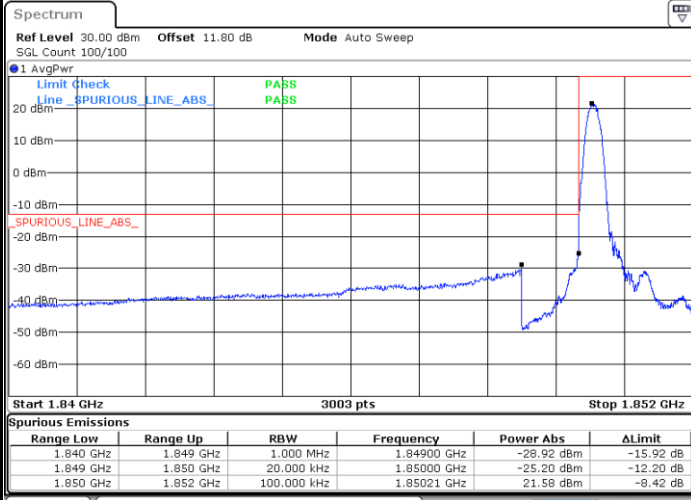


Date: 24.SEP.2022 02:00:02



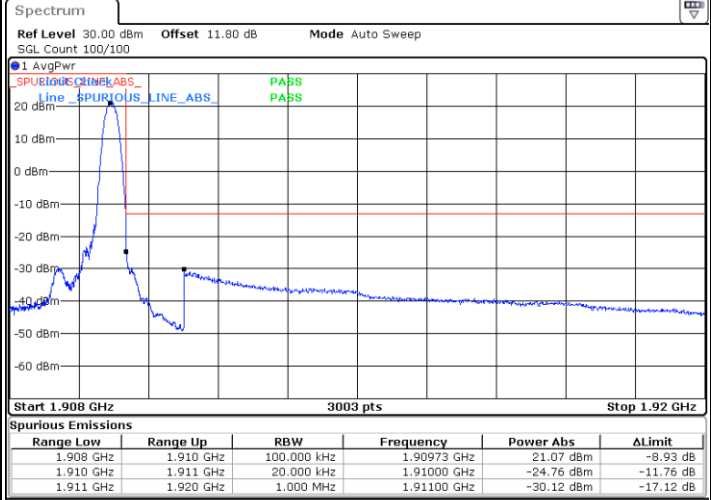
LTE Band 2 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



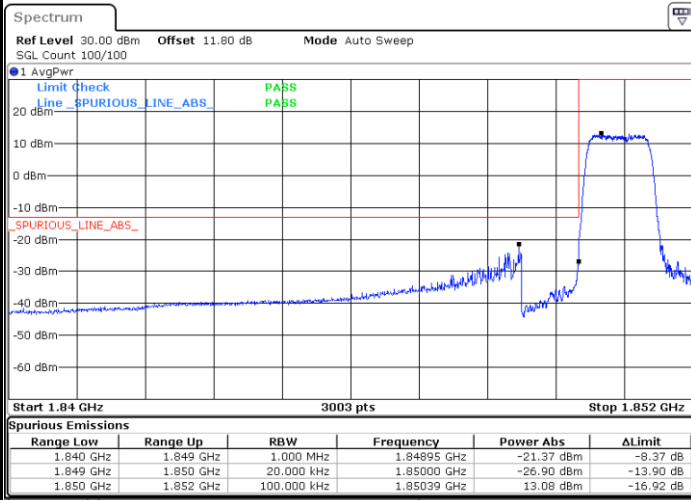
Date: 24.SEP.2022 01:44:27

Highest Band Edge / 1 RB



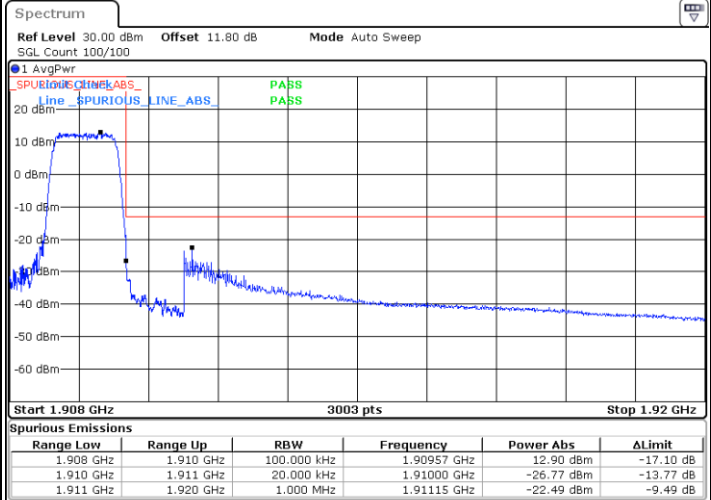
Date: 24.SEP.2022 01:47:00

Lowest Band Edge / Full RB



Date: 24.SEP.2022 01:45:24

Highest Band Edge / Full RB

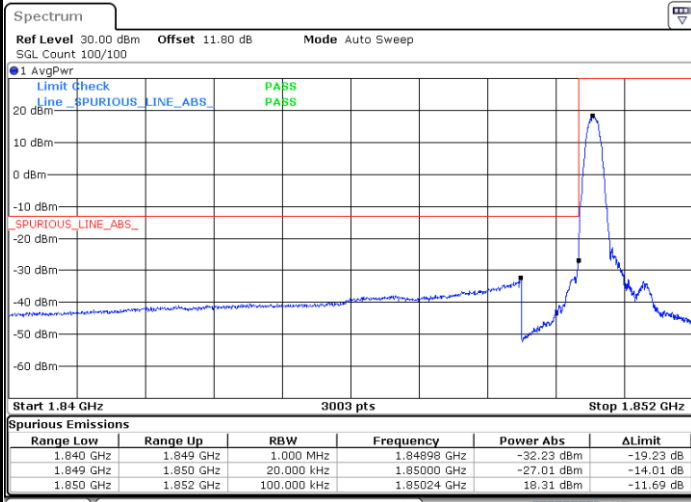


Date: 24.SEP.2022 01:47:56

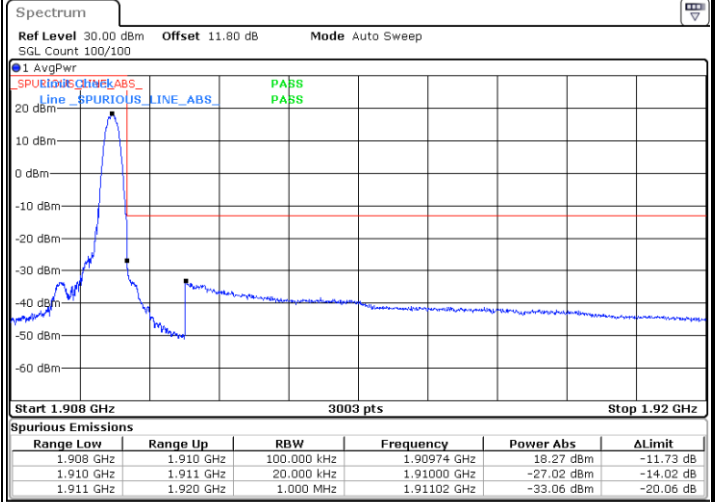


LTE Band 2 / 1.4MHz / 256QAM

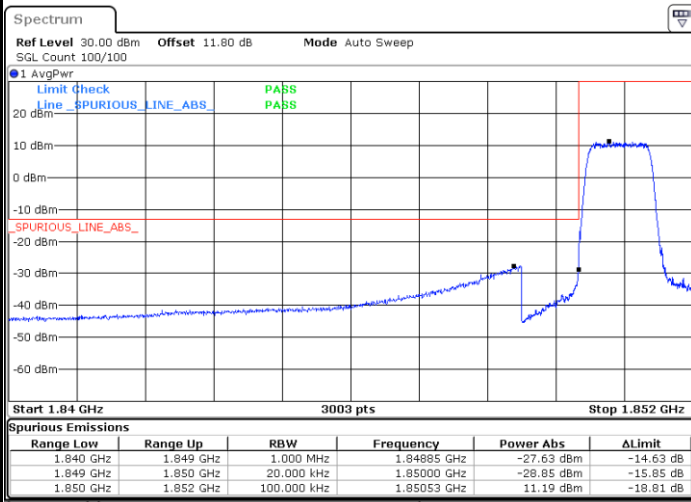
Lowest Band Edge / 1 RB



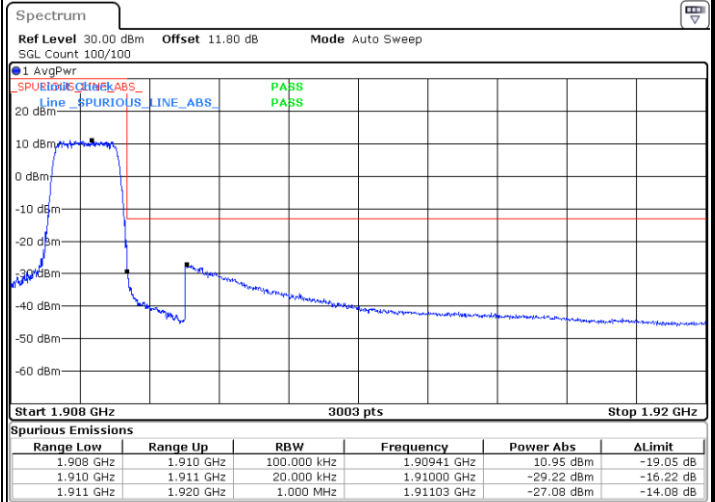
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



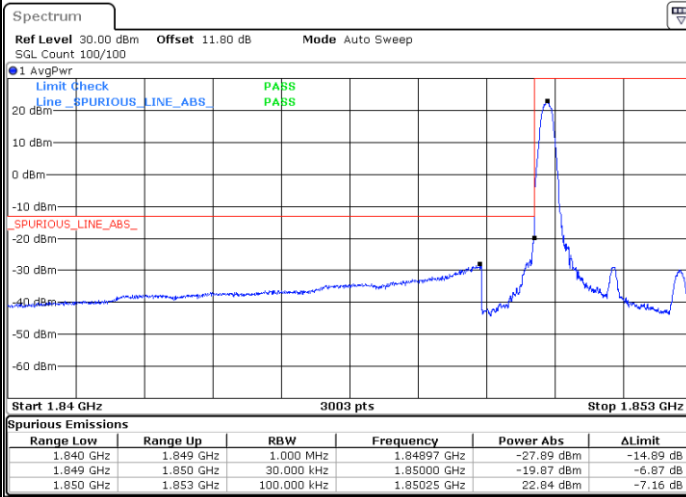
Highest Band Edge / Full RB



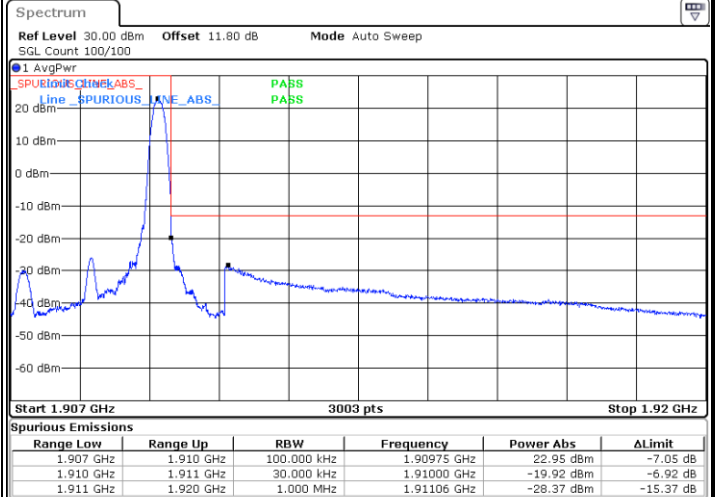


LTE Band 2 / 3MHz / QPSK

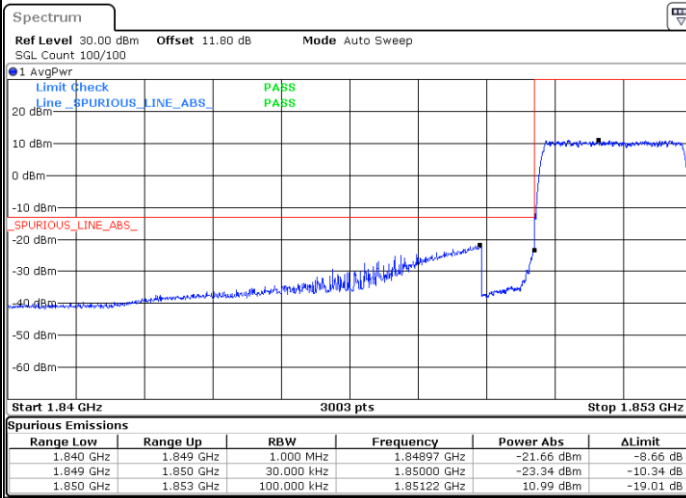
Lowest Band Edge / 1RB



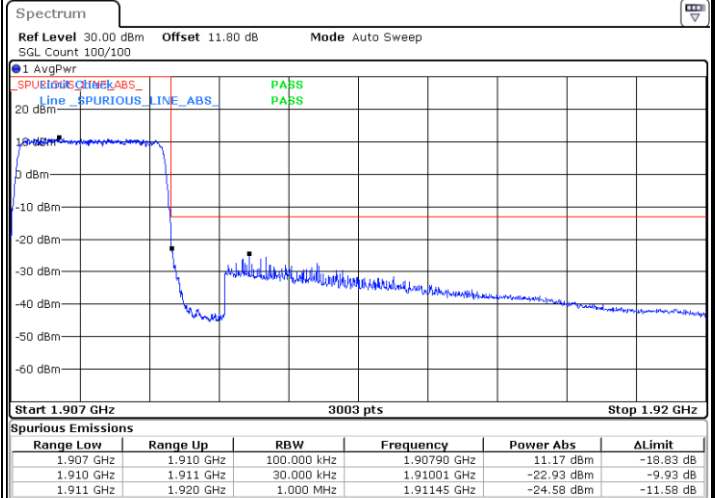
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



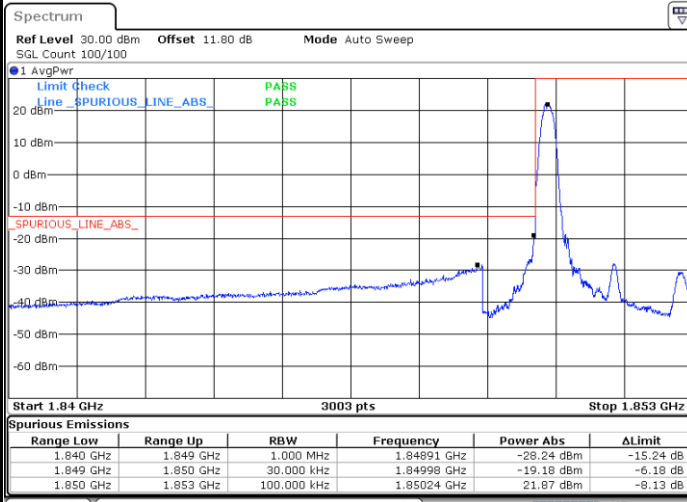
Highest Band Edge / Full RB





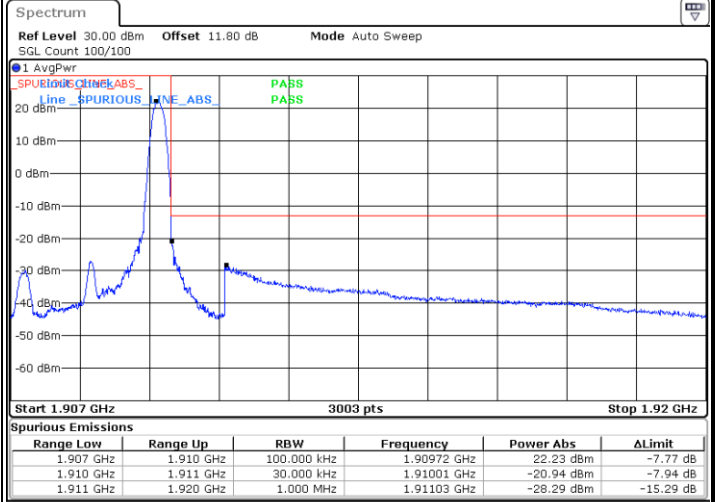
LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



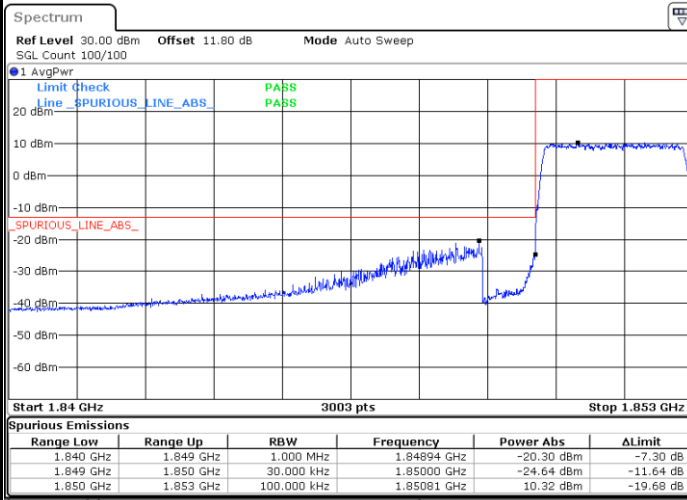
Date: 24.SEP.2022 02:04:06

Highest Band Edge / 1 RB



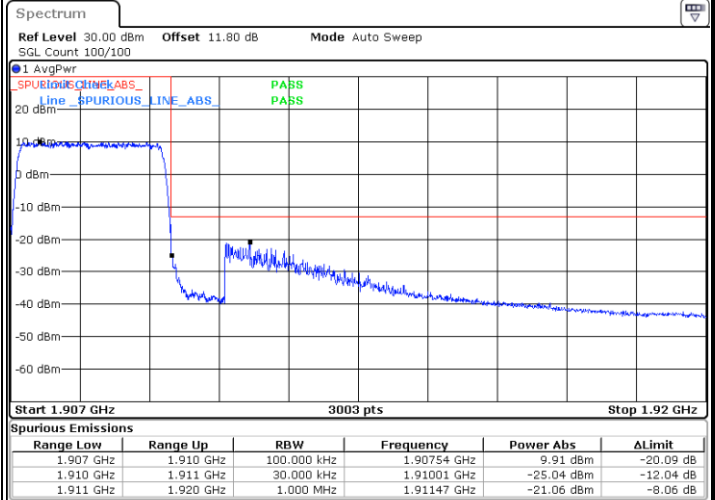
Date: 24.SEP.2022 02:12:27

Lowest Band Edge / Full RB



Date: 24.SEP.2022 02:05:59

Highest Band Edge / Full RB

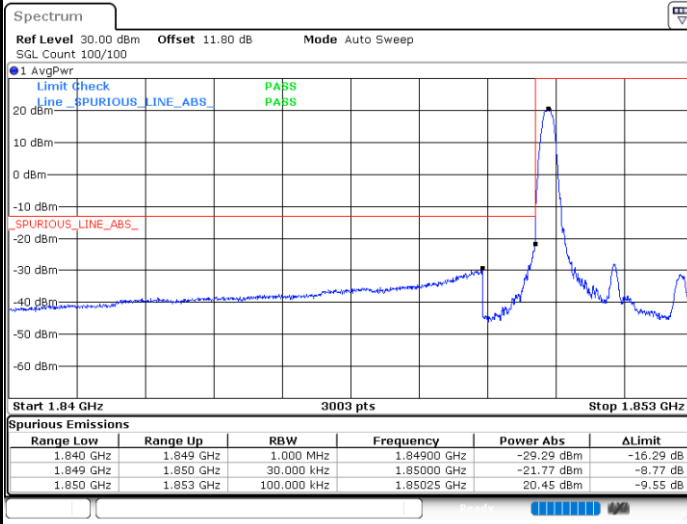


Date: 24.SEP.2022 02:14:19



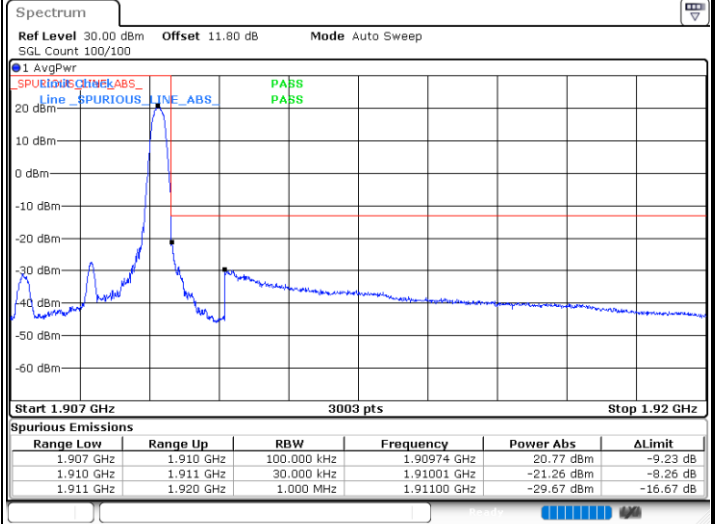
LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



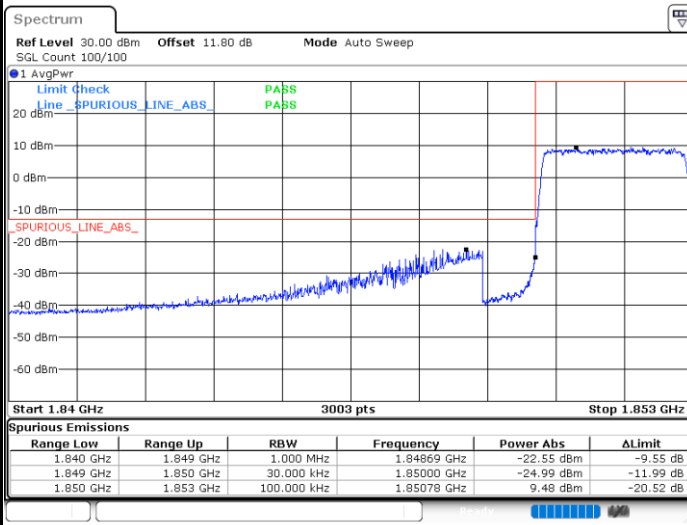
Date: 24.SEP.2022 02:16:41

Highest Band Edge / 1 RB



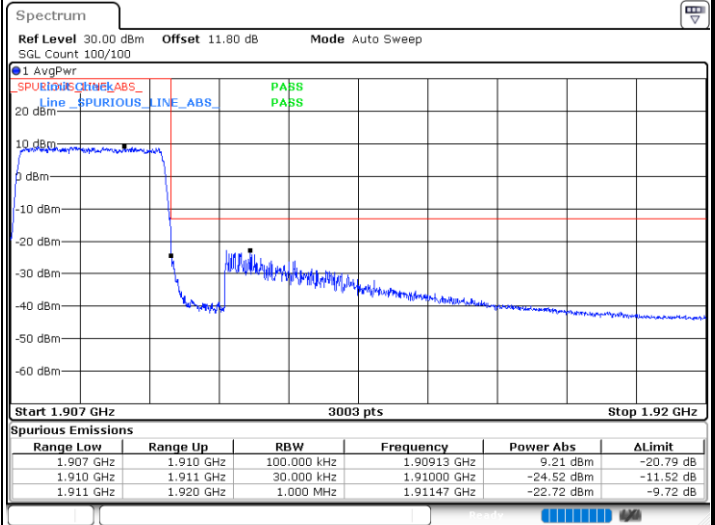
Date: 24.SEP.2022 02:19:14

Lowest Band Edge / Full RB



Date: 24.SEP.2022 02:17:38

Highest Band Edge / Full RB

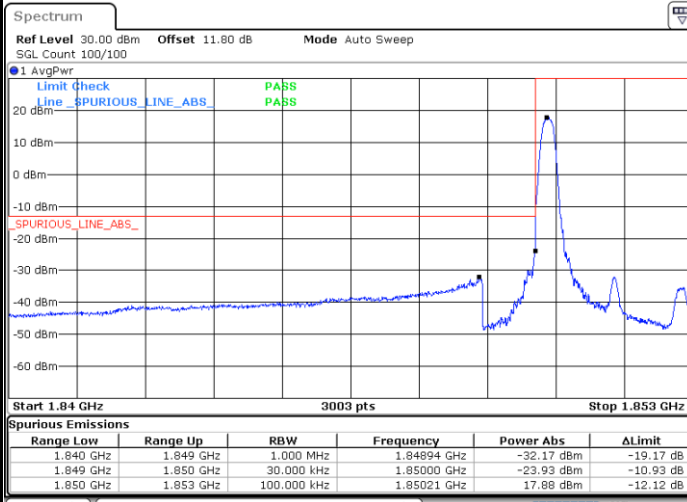


Date: 24.SEP.2022 02:20:10



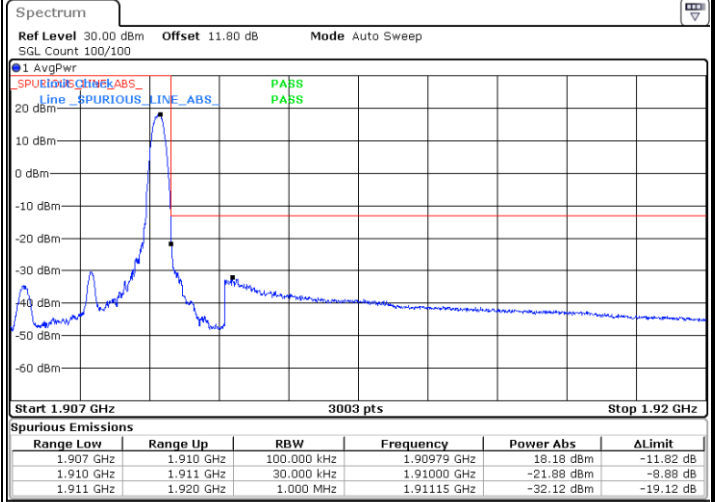
LTE Band 2 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



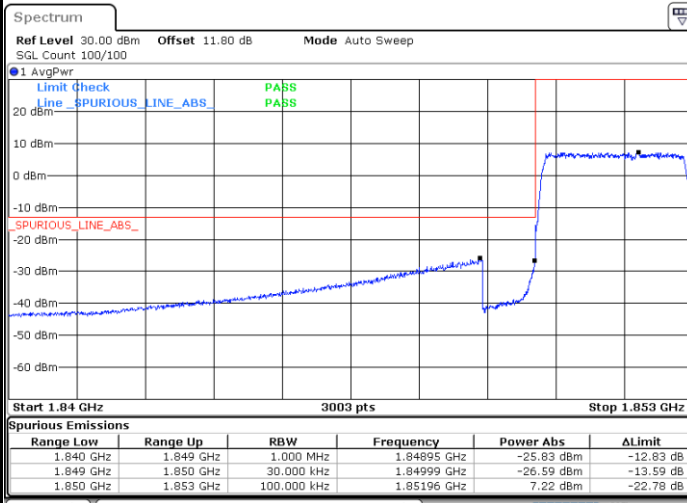
Date: 24.SEP.2022 03:43:25

Highest Band Edge / 1 RB



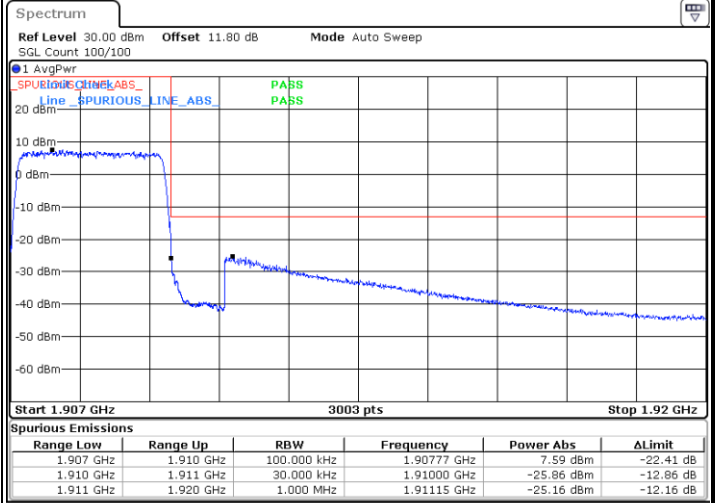
Date: 24.SEP.2022 03:45:57

Lowest Band Edge / Full RB



Date: 24.SEP.2022 03:44:21

Highest Band Edge / Full RB

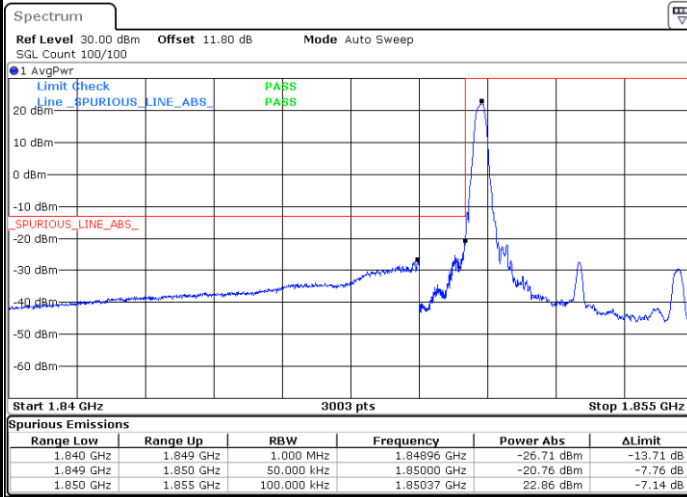


Date: 24.SEP.2022 03:46:54



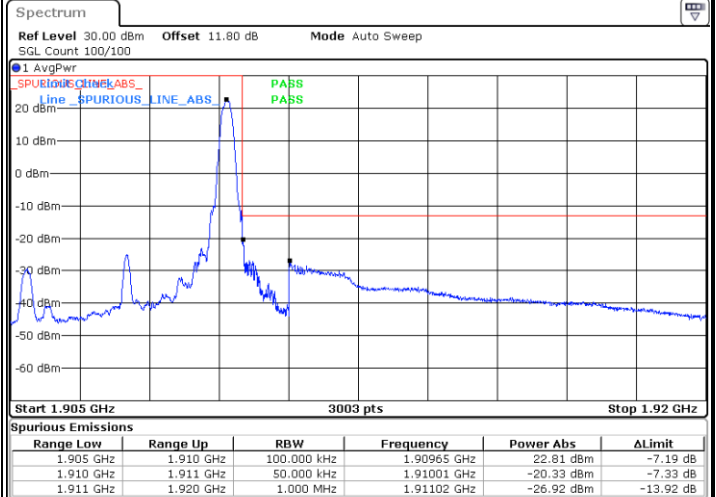
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB



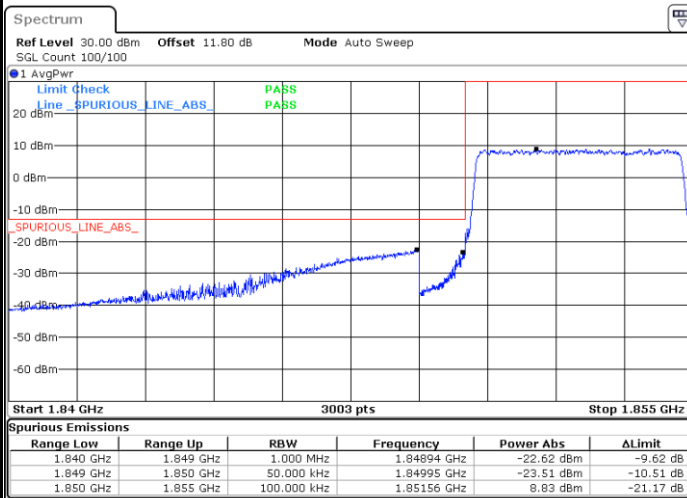
Date: 24.SEP.2022 02:21:51

Highest Band Edge / 1 RB



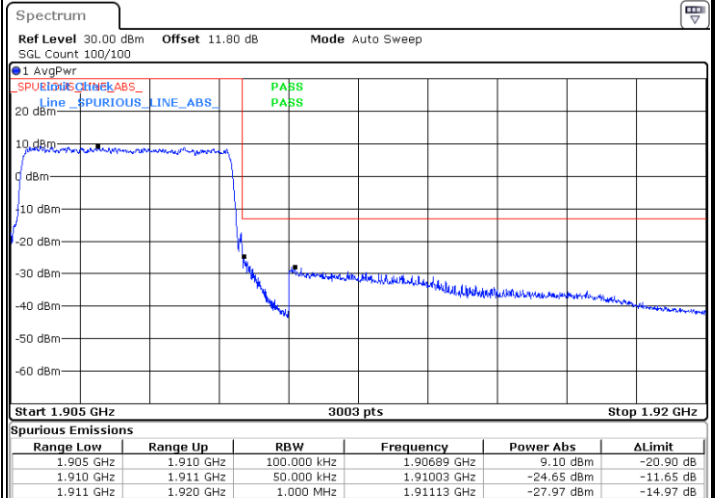
Date: 24.SEP.2022 02:30:12

Lowest Band Edge / Full RB



Date: 24.SEP.2022 02:23:44

Highest Band Edge / Full RB



Date: 24.SEP.2022 02:32:05