



# FCC RADIO TEST REPORT

**FCC ID** : QYLLN920F  
**Equipment** : WWAN Module  
**Brand Name** : Getac  
**Model Name** : LN920A12-WW  
**Applicant** : Getac Technology Corporation.  
5F., Building A, No. 209, Sec.1,  
Nangang Rd.,Nangang Dist., Taipei City  
115018, Taiwan, R.O.C.  
**Standard** : FCC 47 CFR Part 2, 22(H), 24(E), 27

The product was received on Aug. 10, 2023 and testing was performed from Sep. 07, 2023 to Sep. 21, 2023. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

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

*Louis Wu*

Approved by: Louis Wu

**Sporton International Inc. EMC & Wireless Communications Laboratory**

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



## Table of Contents

<b>History of this test report</b> .....	<b>3</b>
<b>Summary of Test Result</b> .....	<b>4</b>
<b>1 General Description</b> .....	<b>5</b>
1.1 Product Feature of Equipment Under Test.....	5
1.2 Modification of EUT .....	6
1.3 Testing Location .....	7
1.4 Applicable Standards.....	7
<b>2 Test Configuration of Equipment Under Test</b> .....	<b>8</b>
2.1 Test Mode.....	8
2.2 Connection Diagram of Test System.....	11
2.3 Support Unit used in test configuration and system .....	11
2.4 Frequency List of Low/Middle/High Channels .....	12
<b>3 Conducted Test Items</b> .....	<b>20</b>
3.1 Measuring Instruments .....	20
3.2 Conducted Output Power and ERP/EIRP .....	21
<b>4 Radiated Test Items</b> .....	<b>22</b>
4.1 Measuring Instruments .....	22
4.2 Radiated Spurious Emission Measurement .....	24
<b>5 List of Measuring Equipment</b> .....	<b>25</b>
<b>6 Measurement Uncertainty</b> .....	<b>26</b>
<b>Appendix A. Test Results of Conducted Test</b>	
<b>Appendix B. Test Results of Radiated Test</b>	
<b>Appendix C. Test Setup Photographs</b>	



### History of this test report

Report No.	Version	Description	Issue Date
FG381701B	01	Initial issue of report	Oct. 31, 2023



### Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
3.2	§2.1046	Conducted Output Power	Reporting only
	§22.913 (a)(5)	Effective Radiated Power (Band 5) (Band 26)	Pass
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)	
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25)(Band 7) (Band 38) (Band 41)	
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)	
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)	

**Remark:** The test plans were by manufacturer definition.

**Conformity Assessment Condition:**

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

**Disclaimer:**

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

**Reviewed by:** Yun Huang

**Report Producer:** Rachel Hsieh



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	WCDMA/LTE, and GPS/Glonass/BDS/Galileo
Sample 1	EUT with Host 1
Sample 2	EUT with Host 2
Antenna Type	WWAN <Main>: PIFA Antenna <Aux.>: PIFA Antenna GPS / Glonass / Galileo / BDS : PATCH Antenna
Antenna Gain	LTE Band 2: 2.82 dBi LTE Band 4: 2.86 dBi LTE Band 5: 0.76 dBi LTE Band 7: 3.51 dBi LTE Band 12: 3.26 dBi LTE Band 13: 2.49 dBi LTE Band 17: 3.26 dBi LTE Band 25: 2.82 dBi LTE Band 26: 0.76 dBi LTE Band 38: 2.40 dBi LTE Band 41: 3.51 dBi LTE Band 66: 3.00 dBi LTE Band 71: 3.07 dBi

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

The product was installed into Tablet PC (Brand Name: Getac, Model Name: F110, F110G7, F110-701, F110-711, F110-Exc,

F110Y (Y= 10 characters, Y can be 0-9, a-z, A-Z, "-", "\_" or blank for marketing purpose and no impact safety related critical components and constructions.)) during test, and the host information was recorded in the following table.

Host Information	
Host 1	Host with SKU B
Host 2	Host with SKU C



<b>Sample Information</b>		
	<b>SKU B</b>	<b>SKU C</b>
<b>CPU</b>	i5-1335U	I7-1365U
<b>DDR</b>	Kingston 16GB	Kingston 32GB
<b>SSD</b>	512GB	1TB
<b>PANEL</b>	Full FHD AUO	Full FHD AUO
<b>DIGITIZER</b>	EMRright Digitizer	EMRright Digitizer
<b>OPTION BAY</b>	Barcode Reader	LAN
<b>Expansion Bay</b>	HID RFID	SMART CARD
<b>Right side option</b>	Not Support	Fringer Print
<b>WLAN/BT</b>	Intel AX211	Intel AX211
<b>WWAN(4G)</b>	LN920A12-WW	LN920A12-WW
<b>GNSS</b>	LN920A12-WW	LN920A12-WW
<b>Rear 8M Camera</b>	Support	Support
<b>Webcam FHD</b>	Not Support	Support
<b>IR Webcam</b>	Support	Support
<b>USB3.2 Gen2 x 1 Type-A</b>	Support	Support
<b>Type-C (thunder bolt)</b>	Support	Support
<b>Audio/MIC</b>	Support	Support
<b>Fischer</b>	Not Support	Not Support

## 1.2 Modification of EUT

No modifications made to the EUT during the testing.



### 1.3 Testing Location

<b>Test Site</b>	Sporton International Inc. EMC & Wireless Communications Laboratory	
<b>Test Site Location</b>	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
<b>Test Site No.</b>	<b>Sporton Site No.</b>	
	TH03-HY	03CH07-HY
<b>Test Engineer</b>	Cotty Hsu	Jesse Wang, Stan Hsieh and Ken Wu
<b>Temperature (°C)</b>	21.1~22.9	23.1~25.3
<b>Relative Humidity (%)</b>	51.2~52.3	48.9~56.7

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

FCC Designation No.: TW1190

### 1.4 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 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	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
	4	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
	7	-	-	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
	13	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v
	17	-	-	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
	26	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
	41	-	-	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
71	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	





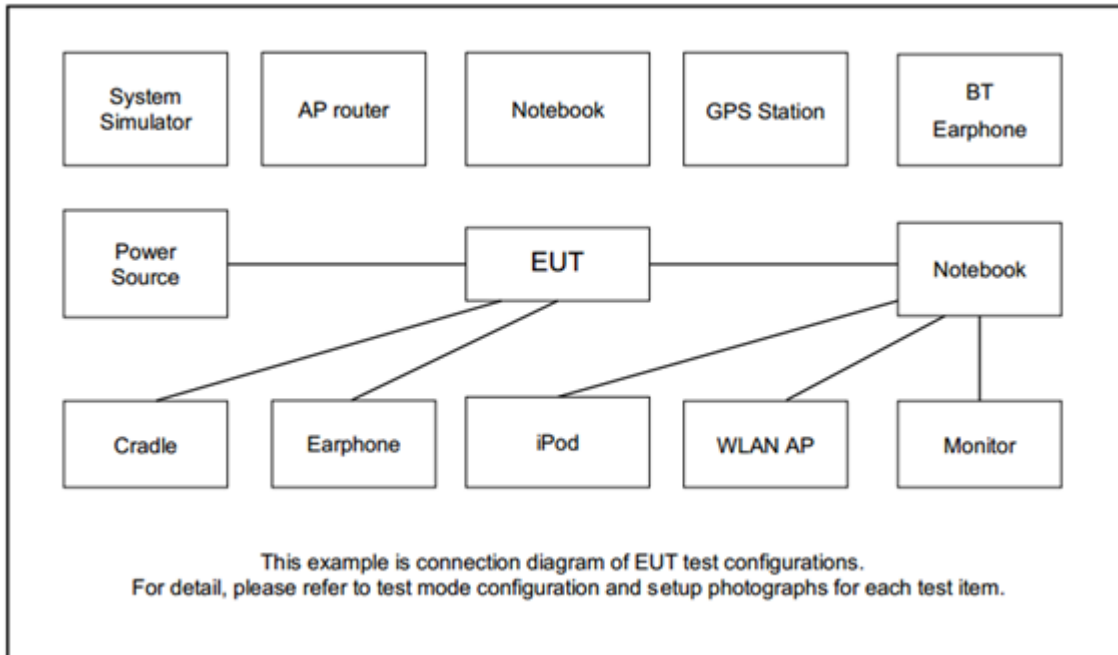
Test Items	Band	Bandwidth (MHz)						Modulation			RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full	L	M	H
E.R.P / E.I.R.P	2	v	v	v	v	v	v	v	v	v	Max. Power					
	4	v	v	v	v	v	v	v	v	v						
	5	v	v	v	v	-	-	v	v	v						
	7	-	-	v	v	v	v	v	v	v						
	12	v	v	v	v	-	-	v	v	v						
	13	-	-	v	v	-	-	v	v	v						
	17	-	-	v	v	-	-	v	v	v						
	25	v	v	v	v	v	v	v	v	v						
	26	v	v	v	v	v	-	v	v	v						
	38	-	-	v	v	v	v	v	v	v						
	41	-	-	v	v	v	v	v	v	v						
	66	v	v	v	v	v	v	v	v	v						
71	-	-	v	v	v	v	v	v	v							
Radiated Spurious Emission	12			v		-	-	v			v			v	v	v
	13	-	-	v		-	-	v			v			v	v	v
	25				v			v			v			v	v	v
	26		v				-	v			v			v	v	v
	41	-	-				v	v			v			v	v	v
	66		v					v			v			v	v	v
	71	-					v	v			v			v	v	v
Remark	<ol style="list-style-type: none"> <li>The mark "v " means that this configuration is chosen for testing</li> <li>The mark "- " means that this bandwidth is not supported.</li> <li>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.</li> <li>All the radiated test cases were performed with Adapter 4 and SKU B.</li> </ol>															



Test Items	Band	Bandwidth (MHz)					Modulation			RB #			Test Channel		
		3+5	5+3	5+10	10+5	10+10	QPSK	16QAM	64QAM	1	Half	Full	L	M	H
Max. Output Power	5_CA			v	v	v	v	v	v	v	v	v	v	v	v
E.R.P.	5_CA			v	v	v	v	v	v	Max. Power					
Radiated Spurious Emission	5_CA			v			v			v			v	v	v
Remark	1. The mark "v" means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 4 and SKU B.														

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	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
	38_CA	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
E.I.R.P	7_CA	v	v		v	v	-	-	v		-	v	v	v	Max. Power					
	38_CA	v	-	-	-	-	-	-	v	-	-	v	v	v						
	41_CA	v	v	v	v	v	v	v	v			v	v	v						
Radiated Spurious Emission	7_CA				v		-	-			-	v			v		v	v	v	v
	38_CA		-	-	-	-	-	-	v	-	-	v			v		v	v	v	v
Remark	1. The mark "v" means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 4 and SKU B.																			

## 2.2 Connection Diagram of Test System



## 2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A



### 2.4 Frequency List of Low/Middle/High Channels

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

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



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

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

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



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

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

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



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

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

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



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

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





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

LTE Band 7C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
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



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	2583.3	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

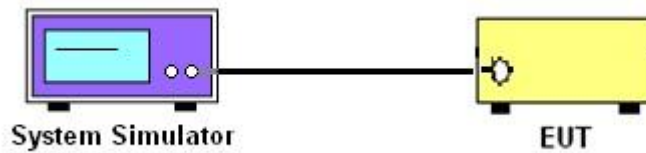
### 3 Conducted Test Items

#### 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 Test Result of Conducted Test

Please refer to Appendix A.



## 3.2 Conducted Output Power and ERP/EIRP

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

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

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5 and Band 26

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

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

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

According to KDB 412172 D01 Power Approach,

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

$P_T$  = transmitter output power in dBm

$G_T$  = gain of the transmitting antenna in dBi

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

### 3.2.2 Test Procedures

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

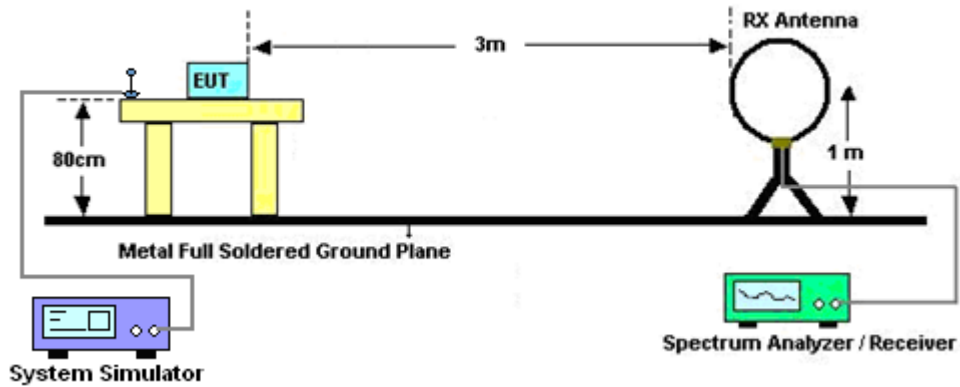
## 4 Radiated Test Items

### 4.1 Measuring Instruments

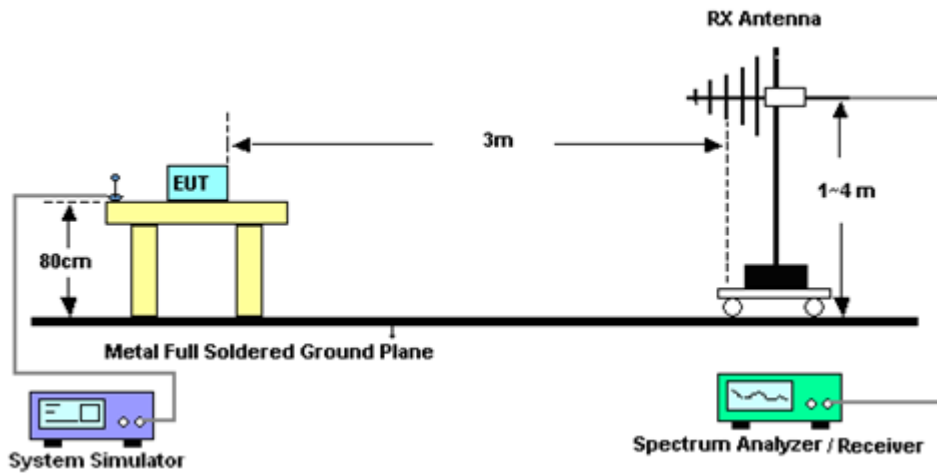
See list of measuring instruments of this test report.

#### 4.1.1 Test Setup

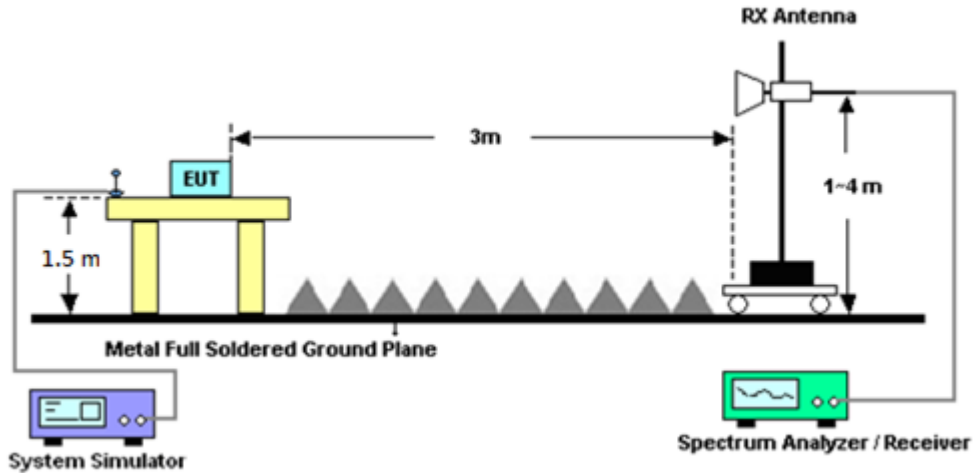
For radiated test below 30MHz



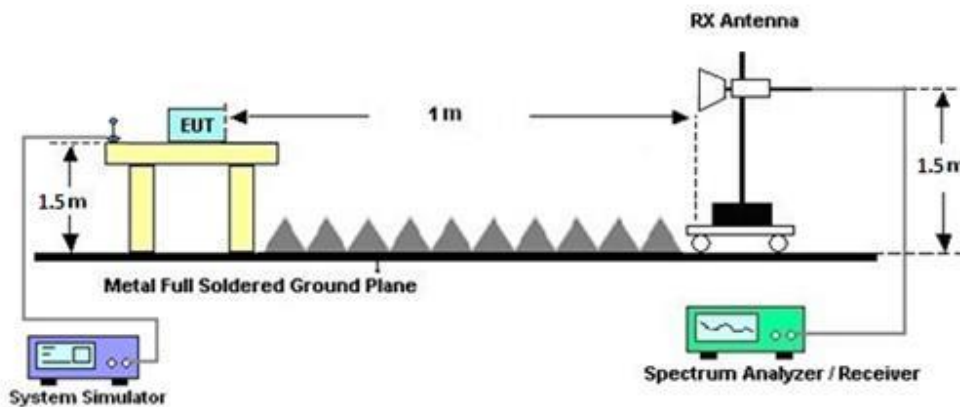
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



#### 4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

**Note:**

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

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



## 4.2 Radiated Spurious Emission Measurement

### 4.2.1 Description of Radiated Spurious Emission Measurement

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

For LTE Band 7, 38, 41

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

For LTE Band 13

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

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

### 4.2.2 Test Procedures

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

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

The limit line is derived from  $43 + 10\log(P)$ 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 (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain

ERP (dBm) = EIRP - 2.15





## 5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 13, 2022	Sep. 07, 2023~ Sep. 21, 2023	Oct. 12, 2023	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 06, 2023	Sep. 07, 2023~ Sep. 21, 2023	Jan. 05, 2024	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 14, 2023	Sep. 07, 2023~ Sep. 21, 2023	Jul. 13, 2024	Conducted (TH03-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	35419 & 03	30MHz~1GHz	Apr. 23, 2023	Sep. 13, 2023~ Sep. 18, 2023	Apr. 22, 2024	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2022	Sep. 13, 2023~ Sep. 18, 2023	Nov. 30, 2023	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 28, 2023	Sep. 13, 2023~ Sep. 18, 2023	Feb. 27, 2024	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 20, 2023	Sep. 13, 2023~ Sep. 18, 2023	Apr. 19, 2024	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 03, 2022	Sep. 13, 2023~ Sep. 18, 2023	Oct. 02, 2023	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 24, 2023	Sep. 13, 2023~ Sep. 18, 2023	Mar. 23, 2024	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 25, 2023	Sep. 13, 2023~ Sep. 18, 2023	Jul. 24, 2024	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 28, 2023	Sep. 13, 2023~ Sep. 18, 2023	Mar. 27, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682/4	30MHz to 18GHz	Feb. 22, 2023	Sep. 13, 2023~ Sep. 18, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4	9kHz to 18GHz	Feb. 22, 2023	Sep. 13, 2023~ Sep. 18, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4	9kHz to 18GHz	Feb. 22, 2023	Sep. 13, 2023~ Sep. 18, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 22, 2023	Sep. 13, 2023~ Sep. 18, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 20, 2023	Sep. 13, 2023~ Sep. 18, 2023	Apr. 19, 2024	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Sep. 13, 2023~ Sep. 18, 2023	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Sep. 13, 2023~ Sep. 18, 2023	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Sep. 13, 2023~ Sep. 18, 2023	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Sep. 13, 2023~ Sep. 18, 2023	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Sep. 13, 2023~ Sep. 18, 2023	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 14, 2023	Sep. 13, 2023~ Sep. 18, 2023	Mar. 13, 2024	Radiation (03CH07-HY)
Horn Antenna	ETS-Lindgren	3117	00143261	1GHz~18GHz	Feb. 24, 2023	Sep. 13, 2023~ Sep. 18, 2023	Feb. 23, 2024	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Nov. 24, 2022	Sep. 13, 2023~ Sep. 18, 2023	Nov. 23, 2023	Radiation (03CH07-HY)
Signal Generator	Anritsu	MG3710A	6261943042	2G / 3G / LTE / 5G FR1	May 25, 2023	Sep. 13, 2023~ Sep. 18, 2023	May 24, 2024	Radiation (03CH07-HY)



## 6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	3.46 dB
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### Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	3.33 dB
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### Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	3.91 dB
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## Appendix A. Test Results of Conducted Test

### Conducted Output Power(Average power & ERP/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.85	21.80	21.81	24.67	0.2931
20	1	49		21.79	21.75	21.75		
20	1	99		21.78	21.76	21.73		
20	50	0		21.70	21.56	21.54		
20	50	24		21.69	21.53	21.56		
20	50	50		21.54	21.53	21.53		
20	100	0		21.56	21.54	21.52		
20	1	0	16-QAM	21.58	21.43	21.47	24.54	0.2844
20	1	49		21.59	21.47	21.49		
20	1	99		21.42	21.42	21.50		
20	50	0		21.72	21.57	21.53		
20	50	24		21.71	21.59	21.57		
20	50	50		21.57	21.54	21.55		
20	100	0		21.58	21.53	21.53		
20	1	0	64-QAM	21.82	21.64	21.66	24.64	0.2911
20	1	49		21.69	21.67	21.65		
20	1	99		21.61	21.62	21.62		
20	50	0		20.68	20.56	20.52		
20	50	24		20.70	20.57	20.55		
20	50	50		20.56	20.54	20.52		
20	100	0		20.58	20.52	20.54		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.75	21.77	21.75	24.59	0.2877
15	1	37		21.71	21.69	21.66		
15	1	74		21.72	21.75	21.67		
15	36	0		21.66	21.53	21.46		
15	36	20		21.62	21.47	21.54		
15	36	39		21.49	21.49	21.42		
15	75	0		21.52	21.52	21.45		
15	1	0	16-QAM	21.50	21.41	21.37	24.49	0.2812
15	1	37		21.57	21.37	21.41		
15	1	74		21.31	21.38	21.48		
15	36	0		21.67	21.47	21.47		
15	36	20		21.62	21.55	21.47		
15	36	39		21.46	21.53	21.50		
15	75	0		21.53	21.43	21.51		
15	1	0	64-QAM	21.80	21.58	21.64	24.62	0.2897
15	1	37		21.59	21.57	21.63		
15	1	74		21.54	21.55	21.51		
15	36	0		20.66	20.52	20.50		
15	36	20		20.59	20.51	20.47		
15	36	39		20.55	20.50	20.45		
15	75	0		20.51	20.47	20.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.77	21.73	21.76	24.59	0.2877
10	1	25		21.77	21.65	21.64		
10	1	49		21.70	21.67	21.69		
10	25	0		21.60	21.55	21.52		
10	25	12		21.64	21.45	21.46		
10	25	25		21.44	21.42	21.49		
10	50	0		21.54	21.46	21.43		
10	1	0	16-QAM	21.49	21.35	21.44	24.48	0.2805
10	1	25		21.50	21.38	21.45		
10	1	49		21.41	21.34	21.47		
10	25	0		21.64	21.51	21.44		
10	25	12		21.66	21.49	21.51		
10	25	25		21.48	21.50	21.48		
10	50	0		21.50	21.42	21.47		
10	1	0	64-QAM	21.72	21.53	21.59	24.54	0.2844
10	1	25		21.60	21.62	21.63		
10	1	49		21.56	21.60	21.55		
10	25	0		20.66	20.51	20.47		
10	25	12		20.67	20.51	20.46		
10	25	25		20.55	20.43	20.51		
10	50	0		20.52	20.50	20.52		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.82	21.72	21.79	24.64	0.2911
5	1	12		21.72	21.73	21.74		
5	1	24		21.71	21.69	21.71		
5	12	0		21.67	21.46	21.49		
5	12	7		21.60	21.42	21.45		
5	12	13		21.47	21.50	21.52		
5	25	0		21.50	21.45	21.42		
5	1	0	16-QAM	21.47	21.42	21.43	24.52	0.2831
5	1	12		21.49	21.40	21.45		
5	1	24		21.41	21.38	21.39		
5	12	0		21.62	21.49	21.47		
5	12	7		21.70	21.57	21.46		
5	12	13		21.51	21.44	21.46		
5	25	0		21.53	21.47	21.50		
5	1	0	64-QAM	21.81	21.61	21.63	24.63	0.2904
5	1	12		21.61	21.62	21.61		
5	1	24		21.53	21.51	21.53		
5	12	0		20.67	20.55	20.50		
5	12	7		20.64	20.56	20.48		
5	12	13		20.45	20.53	20.51		
5	25	0		20.57	20.51	20.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	21.77	21.71	21.77	24.59	0.2877
3	1	8		21.72	21.71	21.73		
3	1	14		21.67	21.73	21.68		
3	8	0		21.67	21.51	21.50		
3	8	4		21.61	21.45	21.48		
3	8	7		21.48	21.45	21.43		
3	15	0		21.48	21.47	21.41		
3	1	0	16-QAM	21.57	21.42	21.39	24.52	0.2831
3	1	8		21.56	21.43	21.40		
3	1	14		21.37	21.35	21.44		
3	8	0		21.70	21.52	21.49		
3	8	4		21.69	21.57	21.51		
3	8	7		21.47	21.52	21.51		
3	15	0		21.54	21.46	21.49		
3	1	0	64-QAM	21.77	21.61	21.61	24.59	0.2877
3	1	8		21.62	21.58	21.60		
3	1	14		21.59	21.57	21.53		
3	8	0		20.60	20.53	20.50		
3	8	4		20.65	20.47	20.51		
3	8	7		20.46	20.46	20.51		
3	15	0		20.47	20.49	20.46		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	21.74	21.72	21.79	24.61	0.2891
1.4	1	3		21.73	21.71	21.71		
1.4	1	5		21.70	21.72	21.63		
1.4	3	0		21.65	21.51	21.45		
1.4	3	1		21.61	21.46	21.47		
1.4	3	3		21.46	21.47	21.46		
1.4	6	0		21.53	21.44	21.50		
1.4	1	0	16-QAM	21.57	21.39	21.39	24.52	0.2831
1.4	1	3		21.48	21.45	21.48		
1.4	1	5		21.36	21.32	21.47		
1.4	3	0		21.70	21.49	21.49		
1.4	3	1		21.70	21.58	21.52		
1.4	3	3		21.46	21.44	21.45		
1.4	6	0		21.48	21.44	21.44		
1.4	1	0	64-QAM	21.77	21.61	21.63	24.59	0.2877
1.4	1	3		21.61	21.57	21.58		
1.4	1	5		21.59	21.58	21.52		
1.4	3	0		21.48	21.42	21.41		
1.4	3	1		21.52	21.43	21.42		
1.4	3	3		21.38	21.34	21.46		
1.4	6	0		20.49	20.49	20.50		
Limit	EIRP < 2W			Result			Pass	





LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.89	21.83	21.61	24.71	0.2958
20	1	49		21.83	21.82	21.66		
20	1	99		21.74	21.80	21.75		
20	50	0		21.63	21.54	21.46		
20	50	24		21.62	21.58	21.47		
20	50	50		21.56	21.50	21.48		
20	100	0		21.54	21.51	21.44		
20	1	0	16-QAM	21.54	21.48	21.38	24.44	0.2780
20	1	49		21.54	21.52	21.41		
20	1	99		21.51	21.49	21.42		
20	50	0		21.57	21.58	21.50		
20	50	24		21.62	21.62	21.50		
20	50	50		21.56	21.58	21.48		
20	100	0		21.57	21.57	21.46		
20	1	0	64-QAM	21.74	21.71	21.49	24.59	0.2877
20	1	49		21.76	21.77	21.58		
20	1	99		21.70	21.66	21.50		
20	50	0		20.57	20.54	20.46		
20	50	24		20.63	20.58	20.50		
20	50	50		20.53	20.59	20.47		
20	100	0		20.55	20.59	20.46		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.85	21.76	21.52	24.67	0.2931
15	1	37		21.76	21.73	21.48		
15	1	74		21.68	21.72	21.61		
15	36	0		21.53	21.40	21.46		
15	36	20		21.51	21.53	21.29		
15	36	39		21.52	21.38	21.41		
15	75	0		21.42	21.31	21.44		
15	1	0	16-QAM	21.51	21.48	21.20	24.34	0.2716
15	1	37		21.52	21.52	21.30		
15	1	74		21.51	21.33	21.24		
15	36	0		21.47	21.52	21.47		
15	36	20		21.51	21.42	21.46		
15	36	39		21.44	21.45	21.36		
15	75	0		21.51	21.49	21.41		
15	1	0	64-QAM	21.73	21.53	21.40	24.55	0.2851
15	1	37		21.66	21.71	21.53		
15	1	74		21.64	21.48	21.40		
15	36	0		20.47	20.35	20.42		
15	36	20		20.62	20.49	20.32		
15	36	39		20.45	20.55	20.45		
15	75	0		20.35	20.42	20.36		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.72	21.77	21.41	24.59	0.2877
10	1	25		21.72	21.65	21.48		
10	1	49		21.72	21.68	21.60		
10	25	0		21.58	21.38	21.28		
10	25	12		21.46	21.56	21.46		
10	25	25		21.44	21.50	21.46		
10	50	0		21.35	21.31	21.34		
10	1	0	16-QAM	21.53	21.44	21.27	24.41	0.2761
10	1	25		21.38	21.32	21.27		
10	1	49		21.39	21.38	21.22		
10	25	0		21.45	21.44	21.33		
10	25	12		21.59	21.58	21.30		
10	25	25		21.51	21.44	21.33		
10	50	0		21.43	21.49	21.45		
10	1	0	64-QAM	21.73	21.70	21.32	24.55	0.2851
10	1	25		21.59	21.61	21.43		
10	1	49		21.64	21.66	21.48		
10	25	0		20.53	20.49	20.37		
10	25	12		20.54	20.46	20.31		
10	25	25		20.43	20.51	20.34		
10	50	0		20.40	20.58	20.43		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.87	21.75	21.51	24.69	0.2944
5	1	12		21.78	21.78	21.49		
5	1	24		21.74	21.69	21.57		
5	12	0		21.63	21.52	21.31		
5	12	7		21.60	21.49	21.42		
5	12	13		21.49	21.34	21.36		
5	25	0		21.37	21.46	21.39		
5	1	0	16-QAM	21.35	21.44	21.24	24.40	0.2754
5	1	12		21.47	21.32	21.36		
5	1	24		21.48	21.40	21.25		
5	12	0		21.51	21.58	21.50		
5	12	7		21.56	21.42	21.44		
5	12	13		21.51	21.48	21.36		
5	25	0		21.38	21.48	21.42		
5	1	0	64-QAM	21.60	21.66	21.32	24.50	0.2818
5	1	12		21.57	21.58	21.50		
5	1	24		21.68	21.46	21.47		
5	12	0		20.43	20.43	20.37		
5	12	7		20.49	20.52	20.38		
5	12	13		20.53	20.54	20.38		
5	25	0		20.46	20.40	20.37		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	21.88	21.71	21.42	24.70	0.2951
3	1	8		21.72	21.72	21.58		
3	1	14		21.70	21.77	21.59		
3	8	0		21.62	21.51	21.42		
3	8	4		21.60	21.55	21.38		
3	8	7		21.52	21.35	21.28		
3	15	0		21.53	21.33	21.25		
3	1	0	16-QAM	21.46	21.30	21.23	24.36	0.2729
3	1	8		21.52	21.33	21.23		
3	1	14		21.37	21.40	21.32		
3	8	0		21.52	21.42	21.41		
3	8	4		21.49	21.54	21.38		
3	8	7		21.39	21.48	21.43		
3	15	0		21.48	21.49	21.45		
3	1	0	64-QAM	21.60	21.69	21.33	24.57	0.2864
3	1	8		21.62	21.75	21.44		
3	1	14		21.69	21.46	21.48		
3	8	0		20.50	20.42	20.45		
3	8	4		20.51	20.44	20.41		
3	8	7		20.52	20.41	20.38		
3	15	0		20.45	20.40	20.37		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	21.83	21.70	21.61	24.65	0.2917
1.4	1	3		21.73	21.74	21.52		
1.4	1	5		21.70	21.76	21.59		
1.4	3	0		21.60	21.36	21.27		
1.4	3	1		21.52	21.50	21.31		
1.4	3	3		21.43	21.46	21.33		
1.4	6	0		21.54	21.51	21.24		
1.4	1	0	16-QAM	21.48	21.44	21.32	24.44	0.2780
1.4	1	3		21.46	21.42	21.33		
1.4	1	5		21.38	21.30	21.40		
1.4	3	0		21.56	21.43	21.45		
1.4	3	1		21.61	21.62	21.31		
1.4	3	3		21.54	21.42	21.28		
1.4	6	0		21.43	21.47	21.39		
1.4	1	0	64-QAM	21.66	21.69	21.48	24.53	0.2838
1.4	1	3		21.71	21.65	21.57		
1.4	1	5		21.69	21.59	21.38		
1.4	3	0		20.48	20.38	20.44		
1.4	3	1		20.56	20.46	20.37		
1.4	3	3		20.51	20.54	20.30		
1.4	6	0		20.41	20.49	20.32		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.90	21.72	21.82	24.76	0.2992
20	1	49		21.72	21.72	21.81		
20	1	99		21.61	21.66	21.74		
20	50	0		21.48	21.35	21.41		
20	50	24		21.45	21.37	21.42		
20	50	50		21.35	21.34	21.47		
20	100	0		21.40	21.36	21.40		
20	1	0	16-QAM	21.51	21.40	21.37	24.39	0.2748
20	1	49		21.35	21.34	21.48		
20	1	99		21.26	21.28	21.37		
20	50	0		21.46	21.37	21.47		
20	50	24		21.47	21.41	21.48		
20	50	50		21.34	21.40	21.53		
20	100	0		21.44	21.39	21.46		
20	1	0	64-QAM	21.74	21.56	21.68	24.65	0.2917
20	1	49		21.60	21.63	21.79		
20	1	99		21.43	21.56	21.64		
20	50	0		20.45	20.39	20.45		
20	50	24		20.50	20.46	20.47		
20	50	50		20.38	20.42	20.51		
20	100	0		20.47	20.39	20.47		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.82	21.56	21.62	24.68	0.2938
15	1	37		21.65	21.72	21.76		
15	1	74		21.57	21.54	21.56		
15	36	0		21.48	21.16	21.39		
15	36	20		21.30	21.20	21.29		
15	36	39		21.24	21.26	21.28		
15	75	0		21.20	21.26	21.28		
15	1	0	16-QAM	21.51	21.20	21.33	24.37	0.2735
15	1	37		21.22	21.28	21.36		
15	1	74		21.18	21.10	21.27		
15	36	0		21.28	21.20	21.31		
15	36	20		21.42	21.22	21.35		
15	36	39		21.23	21.22	21.36		
15	75	0		21.44	21.23	21.37		
15	1	0	64-QAM	21.73	21.50	21.68	24.65	0.2917
15	1	37		21.42	21.58	21.79		
15	1	74		21.32	21.44	21.56		
15	36	0		20.33	20.23	20.40		
15	36	20		20.48	20.29	20.29		
15	36	39		20.35	20.26	20.51		
15	75	0		20.40	20.22	20.32		
Limit	EIRP < 1W			Result			Pass	





LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.89	21.57	21.75	24.75	0.2985
10	1	25		21.59	21.52	21.61		
10	1	49		21.41	21.64	21.74		
10	25	0		21.38	21.16	21.38		
10	25	12		21.42	21.19	21.34		
10	25	25		21.25	21.15	21.43		
10	50	0		21.22	21.23	21.20		
10	1	0	16-QAM	21.35	21.38	21.23	24.34	0.2716
10	1	25		21.20	21.30	21.43		
10	1	49		21.13	21.11	21.17		
10	25	0		21.28	21.17	21.37		
10	25	12		21.35	21.25	21.48		
10	25	25		21.21	21.40	21.35		
10	50	0		21.28	21.24	21.41		
10	1	0	64-QAM	21.73	21.53	21.59	24.59	0.2877
10	1	25		21.47	21.45	21.69		
10	1	49		21.28	21.54	21.54		
10	25	0		20.30	20.28	20.25		
10	25	12		20.35	20.26	20.47		
10	25	25		20.36	20.23	20.49		
10	50	0		20.30	20.33	20.35		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.75	21.64	21.74	24.61	0.2891
5	1	12		21.52	21.63	21.68		
5	1	24		21.61	21.54	21.66		
5	12	0		21.31	21.22	21.27		
5	12	7		21.42	21.32	21.26		
5	12	13		21.29	21.14	21.27		
5	25	0		21.29	21.31	21.32		
5	1	0	16-QAM	21.39	21.27	21.26	24.33	0.2710
5	1	12		21.21	21.26	21.47		
5	1	24		21.23	21.08	21.35		
5	12	0		21.28	21.28	21.44		
5	12	7		21.47	21.28	21.28		
5	12	13		21.17	21.31	21.40		
5	25	0		21.44	21.29	21.39		
5	1	0	64-QAM	21.59	21.48	21.59	24.51	0.2825
5	1	12		21.47	21.47	21.65		
5	1	24		21.35	21.54	21.59		
5	12	0		20.34	20.33	20.31		
5	12	7		20.31	20.41	20.27		
5	12	13		20.34	20.24	20.44		
5	25	0		20.36	20.31	20.38		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	21.88	21.65	21.76	24.74	0.2979
3	1	8		21.69	21.59	21.67		
3	1	14		21.52	21.54	21.55		
3	8	0		21.31	21.35	21.32		
3	8	4		21.25	21.36	21.28		
3	8	7		21.23	21.18	21.39		
3	15	0		21.31	21.16	21.37		
3	1	0	16-QAM	21.39	21.24	21.24	24.31	0.2698
3	1	8		21.35	21.22	21.40		
3	1	14		21.11	21.19	21.20		
3	8	0		21.28	21.33	21.32		
3	8	4		21.28	21.36	21.45		
3	8	7		21.15	21.24	21.43		
3	15	0		21.31	21.35	21.42		
3	1	0	64-QAM	21.66	21.49	21.59	24.52	0.2831
3	1	8		21.40	21.60	21.64		
3	1	14		21.34	21.55	21.62		
3	8	0		20.31	20.33	20.28		
3	8	4		20.31	20.32	20.46		
3	8	7		20.29	20.29	20.37		
3	15	0		20.36	20.25	20.43		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	21.75	21.70	21.79	24.65	0.2917
1.4	1	3		21.55	21.56	21.63		
1.4	1	5		21.54	21.57	21.67		
1.4	3	0		21.44	21.22	21.21		
1.4	3	1		21.29	21.26	21.39		
1.4	3	3		21.18	21.30	21.44		
1.4	6	0		21.25	21.33	21.39		
1.4	1	0	16-QAM	21.38	21.26	21.37	24.32	0.2704
1.4	1	3		21.32	21.27	21.45		
1.4	1	5		21.21	21.26	21.29		
1.4	3	0		21.46	21.31	21.33		
1.4	3	1		21.43	21.41	21.31		
1.4	3	3		21.26	21.31	21.46		
1.4	6	0		21.42	21.23	21.27		
1.4	1	0	64-QAM	21.66	21.41	21.49	24.64	0.2911
1.4	1	3		21.54	21.51	21.76		
1.4	1	5		21.26	21.46	21.46		
1.4	3	0		21.27	21.27	21.30		
1.4	3	1		21.56	21.50	21.53		
1.4	3	3		21.48	21.62	21.78		
1.4	6	0		20.33	20.23	20.40		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.47	23.50	23.49	22.11	0.1626
10	1	25		23.37	23.41	23.43		
10	1	49		23.39	23.44	23.42		
10	25	0		22.34	22.39	22.29		
10	25	12		22.26	22.27	22.28		
10	25	25		22.31	22.21	22.24		
10	50	0		22.25	22.36	22.29		
10	1	0	16-QAM	22.46	22.49	22.41	21.10	0.1288
10	1	25		22.41	22.41	22.39		
10	1	49		22.44	22.45	22.38		
10	25	0		22.36	22.42	22.32		
10	25	12		22.31	22.30	22.31		
10	25	25		22.24	22.24	22.26		
10	50	0		22.26	22.29	22.29		
10	1	0	64-QAM	21.39	21.45	21.41	20.06	0.1014
10	1	25		21.33	21.43	21.38		
10	1	49		21.44	21.40	21.41		
10	25	0		20.48	20.43	20.48		
10	25	12		20.46	20.43	20.42		
10	25	25		20.42	20.43	20.46		
10	50	0		20.44	20.49	20.41		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.42	23.44	23.44	22.05	0.1603
5	1	12		23.35	23.32	23.35		
5	1	24		23.28	23.42	23.32		
5	12	0		22.27	22.31	22.26		
5	12	7		22.25	22.16	22.22		
5	12	13		22.27	22.11	22.19		
5	25	0		22.15	22.27	22.27		
5	1	0	16-QAM	22.39	22.46	22.35	21.07	0.1279
5	1	12		22.39	22.33	22.30		
5	1	24		22.36	22.40	22.32		
5	12	0		22.32	22.41	22.21		
5	12	7		22.30	22.25	22.20		
5	12	13		22.18	22.21	22.20		
5	25	0		22.16	22.25	22.26		
5	1	0	64-QAM	21.33	21.44	21.34	20.05	0.1012
5	1	12		21.26	21.41	21.34		
5	1	24		21.43	21.30	21.31		
5	12	0		20.41	20.38	20.40		
5	12	7		20.38	20.36	20.31		
5	12	13		20.38	20.42	20.44		
5	25	0		20.42	20.41	20.31		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.39	23.42	23.48	22.09	0.1618
3	1	8		23.35	23.36	23.33		
3	1	14		23.37	23.40	23.40		
3	8	0		22.27	22.38	22.20		
3	8	4		22.17	22.20	22.17		
3	8	7		22.24	22.18	22.20		
3	15	0		22.15	22.27	22.24		
3	1	0	16-QAM	22.43	22.47	22.34	21.08	0.1282
3	1	8		22.32	22.31	22.34		
3	1	14		22.36	22.39	22.36		
3	8	0		22.27	22.32	22.25		
3	8	4		22.29	22.27	22.25		
3	8	7		22.20	22.15	22.21		
3	15	0		22.22	22.24	22.25		
3	1	0	64-QAM	21.37	21.38	21.30	20.03	0.1007
3	1	8		21.30	21.42	21.36		
3	1	14		21.39	21.32	21.31		
3	8	0		20.46	20.34	20.39		
3	8	4		20.41	20.33	20.40		
3	8	7		20.38	20.35	20.39		
3	15	0		20.41	20.43	20.35		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.41	23.42	23.45	22.09	0.1618
1.4	1	3		23.36	23.38	23.41		
1.4	1	5		23.33	23.38	23.40		
1.4	3	0		23.37	23.48	23.40		
1.4	3	1		23.36	23.32	23.37		
1.4	3	3		23.38	23.38	23.35		
1.4	6	0		22.19	22.25	22.23		
1.4	1	0	16-QAM	22.41	22.47	22.35	21.08	0.1282
1.4	1	3		22.34	22.34	22.35		
1.4	1	5		22.33	22.41	22.34		
1.4	3	0		22.28	22.31	22.25		
1.4	3	1		22.22	22.22	22.21		
1.4	3	3		22.14	22.13	22.25		
1.4	6	0		22.21	22.24	22.21		
1.4	1	0	64-QAM	21.28	21.43	21.32	20.04	0.1009
1.4	1	3		21.26	21.34	21.32		
1.4	1	5		21.41	21.31	21.34		
1.4	3	0		21.34	21.38	21.32		
1.4	3	1		21.28	21.32	21.37		
1.4	3	3		21.37	21.36	21.30		
1.4	6	0		20.41	20.41	20.39		
Limit	ERP < 7W			Result			Pass	





LTE Band 7 Maximum Average Power [dBm] (GT - LC = 3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.95	21.82	21.78	25.46	0.3516
20	1	49		21.89	21.80	21.89		
20	1	99		21.82	21.73	21.90		
20	50	0		21.79	21.72	21.70		
20	50	24		21.76	21.70	21.66		
20	50	50		21.71	21.68	21.65		
20	100	0		21.73	21.55	21.72		
20	1	0	16-QAM	21.37	21.53	21.53	25.26	0.3357
20	1	49		21.48	21.65	21.64		
20	1	99		21.63	21.75	21.73		
20	50	0		21.34	21.45	21.49		
20	50	24		21.40	21.55	21.54		
20	50	50		21.46	21.61	21.65		
20	100	0		21.36	21.55	21.66		
20	1	0	64-QAM	21.21	21.66	21.56	25.31	0.3396
20	1	49		21.48	21.66	21.68		
20	1	99		21.67	21.80	21.62		
20	50	0		20.31	20.52	20.49		
20	50	24		20.40	20.52	20.58		
20	50	50		20.42	20.58	20.63		
20	100	0		20.35	20.57	20.55		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.81	21.76	21.76	25.40	0.3467
15	1	37		21.79	21.65	21.89		
15	1	74		21.66	21.63	21.89		
15	36	0		21.60	21.59	21.59		
15	36	20		21.61	21.67	21.54		
15	36	39		21.67	21.55	21.63		
15	75	0		21.58	21.51	21.53		
15	1	0	16-QAM	21.20	21.39	21.42	25.19	0.3304
15	1	37		21.47	21.56	21.47		
15	1	74		21.62	21.65	21.68		
15	36	0		21.16	21.28	21.32		
15	36	20		21.32	21.53	21.49		
15	36	39		21.41	21.60	21.55		
15	75	0		21.36	21.42	21.47		
15	1	0	64-QAM	21.16	21.51	21.38	25.16	0.3281
15	1	37		21.31	21.65	21.48		
15	1	74		21.61	21.62	21.42		
15	36	0		20.31	20.34	20.40		
15	36	20		20.33	20.52	20.50		
15	36	39		20.37	20.51	20.47		
15	75	0		20.34	20.38	20.39		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.89	21.68	21.77	25.40	0.3467
10	1	25		21.88	21.62	21.84		
10	1	49		21.73	21.71	21.73		
10	25	0		21.67	21.66	21.55		
10	25	12		21.66	21.67	21.49		
10	25	25		21.58	21.52	21.46		
10	50	0		21.57	21.52	21.68		
10	1	0	16-QAM	21.33	21.37	21.51	25.24	0.3342
10	1	25		21.40	21.65	21.51		
10	1	49		21.46	21.57	21.73		
10	25	0		21.21	21.33	21.32		
10	25	12		21.24	21.45	21.39		
10	25	25		21.31	21.58	21.51		
10	50	0		21.23	21.50	21.60		
10	1	0	64-QAM	21.19	21.63	21.47	25.28	0.3373
10	1	25		21.33	21.66	21.56		
10	1	49		21.52	21.77	21.42		
10	25	0		20.12	20.47	20.31		
10	25	12		20.26	20.49	20.51		
10	25	25		20.27	20.51	20.63		
10	50	0		20.26	20.45	20.53		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.80	21.72	21.61	25.39	0.3459
5	1	12		21.77	21.72	21.88		
5	1	24		21.64	21.66	21.87		
5	12	0		21.61	21.58	21.54		
5	12	7		21.61	21.66	21.52		
5	12	13		21.62	21.56	21.52		
5	25	0		21.53	21.51	21.59		
5	1	0	16-QAM	21.27	21.37	21.52	25.18	0.3296
5	1	12		21.42	21.46	21.57		
5	1	24		21.60	21.67	21.64		
5	12	0		21.25	21.44	21.30		
5	12	7		21.25	21.41	21.35		
5	12	13		21.32	21.46	21.65		
5	25	0		21.18	21.35	21.46		
5	1	0	64-QAM	21.17	21.53	21.36	25.23	0.3334
5	1	12		21.39	21.48	21.55		
5	1	24		21.61	21.72	21.49		
5	12	0		20.15	20.39	20.39		
5	12	7		20.39	20.34	20.40		
5	12	13		20.25	20.38	20.46		
5	25	0		20.34	20.47	20.50		
Limit	EIRP < 2W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = 3.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	21.36	21.39	21.38	22.50	0.1778
10	1	25		21.35	21.37	21.31		
10	1	49		21.33	21.31	21.37		
10	25	0		21.32	21.33	21.29		
10	25	12		21.28	21.28	21.21		
10	25	25		21.27	21.29	21.24		
10	50	0		21.27	21.32	21.27		
10	1	0	16-QAM	21.22	21.23	21.18	22.34	0.1714
10	1	25		21.15	21.17	21.18		
10	1	49		21.12	21.23	21.18		
10	25	0		21.18	21.22	21.13		
10	25	12		21.19	21.12	21.09		
10	25	25		21.11	21.05	21.08		
10	50	0		21.11	21.20	21.12		
10	1	0	64-QAM	21.28	21.12	21.19	22.39	0.1734
10	1	25		21.13	21.19	21.16		
10	1	49		21.13	21.23	21.19		
10	25	0		20.55	20.61	20.53		
10	25	12		20.67	20.60	20.54		
10	25	25		20.64	20.58	20.52		
10	50	0		20.64	20.58	20.56		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = 3.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	21.29	21.30	21.27	22.44	0.1754
5	1	12		21.33	21.29	21.20		
5	1	24		21.22	21.26	21.32		
5	12	0		21.26	21.24	21.28		
5	12	7		21.24	21.22	21.14		
5	12	13		21.18	21.21	21.16		
5	25	0		21.17	21.25	21.18		
5	1	0	16-QAM	21.15	21.21	21.10	22.32	0.1706
5	1	12		21.13	21.08	21.14		
5	1	24		21.03	21.14	21.12		
5	12	0		21.07	21.13	21.06		
5	12	7		21.10	21.01	21.02		
5	12	13		21.10	20.96	20.98		
5	25	0		21.04	21.09	21.06		
5	1	0	64-QAM	21.20	21.02	21.08	22.31	0.1702
5	1	12		21.09	21.10	21.08		
5	1	24		21.10	21.15	21.12		
5	12	0		20.50	20.50	20.43		
5	12	7		20.56	20.53	20.52		
5	12	13		20.56	20.56	20.42		
5	25	0		20.62	20.54	20.48		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = 3.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	21.25	21.28	21.27	22.47	0.1766
3	1	8		21.29	21.36	21.25		
3	1	14		21.24	21.21	21.26		
3	8	0		21.25	21.28	21.18		
3	8	4		21.26	21.25	21.16		
3	8	7		21.16	21.24	21.15		
3	15	0		21.22	21.26	21.26		
3	1	0	16-QAM	21.16	21.17	21.15	22.33	0.1710
3	1	8		21.05	21.13	21.16		
3	1	14		21.05	21.22	21.08		
3	8	0		21.12	21.17	21.04		
3	8	4		21.15	21.09	21.08		
3	8	7		21.08	20.95	21.03		
3	15	0		21.06	21.10	21.02		
3	1	0	64-QAM	21.23	21.05	21.11	22.34	0.1714
3	1	8		21.11	21.15	21.07		
3	1	14		21.07	21.17	21.09		
3	8	0		20.45	20.52	20.52		
3	8	4		20.58	20.55	20.49		
3	8	7		20.53	20.49	20.47		
3	15	0		20.58	20.47	20.53		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = 3.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	21.32	21.28	21.30	22.47	0.1766
1.4	1	3		21.33	21.36	21.30		
1.4	1	5		21.24	21.25	21.34		
1.4	3	0		21.23	21.27	21.21		
1.4	3	1		21.21	21.23	21.14		
1.4	3	3		21.23	21.19	21.23		
1.4	6	0		21.20	21.22	21.26		
1.4	1	0	16-QAM	21.20	21.18	21.07	22.31	0.1702
1.4	1	3		21.04	21.10	21.14		
1.4	1	5		21.09	21.13	21.10		
1.4	3	0		21.08	21.20	21.12		
1.4	3	1		21.11	21.10	21.04		
1.4	3	3		21.08	20.96	21.00		
1.4	6	0		21.03	21.12	21.08		
1.4	1	0	64-QAM	21.24	21.10	21.11	22.35	0.1718
1.4	1	3		21.06	21.15	21.06		
1.4	1	5		21.02	21.19	21.14		
1.4	3	0		20.53	20.52	20.49		
1.4	3	1		20.64	20.49	20.47		
1.4	3	3		20.58	20.52	20.45		
1.4	6	0		20.56	20.53	20.52		
Limit	ERP < 3W			Result			Pass	





LTE Band 13 Maximum Average Power [dBm] (GT - LC = 2.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK		21.23		21.57	0.1435
10	1	25			21.15			
10	1	49			21.09			
10	25	0			21.22			
10	25	12			21.20			
10	25	25			21.16			
10	50	0			21.18			
10	1	0	16-QAM	-	21.22	-	21.56	0.1432
10	1	25			21.11			
10	1	49			21.10			
10	25	0			21.18			
10	25	12			21.17			
10	25	25			21.11			
10	50	0			21.12			
10	1	0	64-QAM		21.13		21.52	0.1419
10	1	25			21.18			
10	1	49			21.14			
10	25	0			20.11			
10	25	12			20.16			
10	25	25			20.17			
10	50	0			20.11			
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = 2.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	21.17	21.19	21.14	21.56	0.1432
5	1	12		21.12	21.07	21.08		
5	1	24		21.04	20.99	21.00		
5	12	0		21.17	21.14	21.22		
5	12	7		21.11	21.17	21.11		
5	12	13		21.13	21.08	21.15		
5	25	0		21.08	21.08	21.15		
5	1	0	16-QAM	21.18	21.12	21.17	21.52	0.1419
5	1	12		21.05	21.11	21.10		
5	1	24		21.10	21.07	21.02		
5	12	0		21.16	21.13	21.12		
5	12	7		21.11	21.16	21.16		
5	12	13		21.05	21.03	21.04		
5	25	0		21.07	21.06	21.06		
5	1	0	64-QAM	21.12	21.10	21.04	21.49	0.1409
5	1	12		21.09	21.15	21.13		
5	1	24		21.05	21.10	21.09		
5	12	0		20.04	20.03	20.10		
5	12	7		20.06	20.15	20.11		
5	12	13		20.16	20.09	20.10		
5	25	0		20.09	20.11	20.02		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = 3.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	21.30	21.32	21.30	22.43	0.1750
10	1	25		21.20	21.25	21.20		
10	1	49		21.17	21.14	21.16		
10	25	0		21.26	21.30	21.25		
10	25	12		21.29	21.29	21.27		
10	25	25		21.27	21.25	21.25		
10	50	0		21.25	21.28	21.28		
10	1	0	16-QAM	21.22	21.24	21.25	22.42	0.1746
10	1	25		21.26	21.24	21.23		
10	1	49		21.22	21.31	21.26		
10	25	0		21.20	21.17	21.18		
10	25	12		21.24	21.21	21.18		
10	25	25		21.16	21.17	21.12		
10	50	0		21.18	21.17	21.17		
10	1	0	64-QAM	21.16	21.15	21.23	22.38	0.1730
10	1	25		21.26	21.25	21.27		
10	1	49		21.18	21.27	21.18		
10	25	0		20.19	20.21	20.19		
10	25	12		20.22	20.19	20.19		
10	25	25		20.18	20.14	20.15		
10	50	0		20.17	20.14	20.19		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = 3.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	21.25	21.25	21.28	22.39	0.1734
5	1	12		21.11	21.14	21.17		
5	1	24		21.15	21.04	21.07		
5	12	0		21.20	21.22	21.20		
5	12	7		21.24	21.25	21.22		
5	12	13		21.17	21.21	21.21		
5	25	0		21.23	21.19	21.20		
5	1	0	16-QAM	21.19	21.14	21.14	22.38	0.1730
5	1	12		21.19	21.14	21.18		
5	1	24		21.14	21.27	21.16		
5	12	0		21.14	21.10	21.09		
5	12	7		21.17	21.10	21.12		
5	12	13		21.07	21.09	21.08		
5	25	0		21.08	21.10	21.16		
5	1	0	64-QAM	21.08	21.13	21.12	22.37	0.1726
5	1	12		21.24	21.21	21.21		
5	1	24		21.07	21.26	21.14		
5	12	0		20.13	20.17	20.17		
5	12	7		20.15	20.13	20.08		
5	12	13		20.08	20.08	20.11		
5	25	0		20.13	20.13	20.16		
Limit	ERP < 3W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.50	23.68	23.44	22.29	0.1694
15	1	37		23.49	23.30	23.39		
15	1	74		23.37	23.30	23.32		
15	36	0		22.39	22.39	22.29		
15	36	20		22.26	22.37	22.18		
15	36	39		22.26	22.24	22.23		
15	75	0		22.35	22.19	22.19		
15	1	0	16-QAM	22.47	22.62	22.35	21.23	0.1327
15	1	37		22.46	22.39	22.29		
15	1	74		22.37	22.31	22.26		
15	36	0		22.26	22.47	22.22		
15	36	20		22.27	22.20	22.16		
15	36	39		22.28	22.48	22.21		
15	75	0		22.25	22.26	22.14		
15	1	0	64-QAM	21.28	21.14	21.27	20.08	0.1019
15	1	37		21.36	21.47	21.29		
15	1	74		21.37	21.40	21.33		
15	36	0		20.40	20.16	20.22		
15	36	20		20.40	20.24	20.16		
15	36	39		20.38	20.17	20.23		
15	75	0		20.32	20.21	20.17		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.34	23.54	23.33	22.15	0.1641
10	1	25		23.38	23.34	23.34		
10	1	49		23.48	23.38	23.28		
10	25	0		22.26	22.31	22.27		
10	25	12		22.26	22.22	22.07		
10	25	25		22.27	22.10	22.15		
10	50	0		22.21	22.36	22.08		
10	1	0	16-QAM	22.32	22.48	22.25	21.09	0.1285
10	1	25		22.34	22.27	22.24		
10	1	49		22.37	22.26	22.18		
10	25	0		22.20	22.20	22.11		
10	25	12		22.32	22.19	22.06		
10	25	25		22.16	22.16	22.13		
10	50	0		22.20	22.14	22.08		
10	1	0	64-QAM	21.16	21.21	21.20	20.08	0.1019
10	1	25		21.47	21.19	21.22		
10	1	49		21.23	21.24	21.27		
10	25	0		20.17	20.40	20.15		
10	25	12		20.20	20.45	20.05		
10	25	25		20.14	20.40	20.16		
10	50	0		20.31	20.23	20.10		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.43	23.34	23.34	22.09	0.1618
5	1	12		23.29	23.33	23.28		
5	1	24		23.48	23.38	23.25		
5	12	0		22.38	22.38	22.18		
5	12	7		22.26	22.23	22.09		
5	12	13		22.22	22.17	22.18		
5	25	0		22.21	22.22	22.13		
5	1	0	16-QAM	22.34	22.47	22.31	21.08	0.1282
5	1	12		22.38	22.38	22.20		
5	1	24		22.32	22.33	22.19		
5	12	0		22.41	22.20	22.14		
5	12	7		22.29	22.29	22.08		
5	12	13		22.32	22.13	22.12		
5	25	0		22.13	22.14	22.09		
5	1	0	64-QAM	21.26	21.21	21.17	19.99	0.0998
5	1	12		21.35	21.38	21.26		
5	1	24		21.32	21.38	21.27		
5	12	0		20.17	20.33	20.11		
5	12	7		20.16	20.27	20.08		
5	12	13		20.22	20.38	20.13		
5	25	0		20.28	20.21	20.14		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.44	23.53	23.39	22.14	0.1637
3	1	8		23.25	23.50	23.29		
3	1	14		23.39	23.28	23.23		
3	8	0		22.39	22.38	22.18		
3	8	4		22.23	22.13	22.17		
3	8	7		22.34	22.28	22.18		
3	15	0		22.17	22.37	22.09		
3	1	0	16-QAM	22.33	22.50	22.31	21.11	0.1291
3	1	8		22.34	22.35	22.19		
3	1	14		22.42	22.32	22.23		
3	8	0		22.29	22.12	22.13		
3	8	4		22.37	22.17	22.08		
3	8	7		22.27	22.27	22.14		
3	15	0		22.27	22.17	22.05		
3	1	0	64-QAM	21.29	21.21	21.17	19.95	0.0989
3	1	8		21.29	21.34	21.24		
3	1	14		21.23	21.32	21.25		
3	8	0		20.28	20.35	20.16		
3	8	4		20.16	20.43	20.12		
3	8	7		20.16	20.28	20.18		
3	15	0		20.12	20.25	20.07		
Limit	ERP < 7W			Result			Pass	





LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.50	23.43	23.40	22.12	0.1629
1.4	1	3		23.30	23.51	23.29		
1.4	1	5		23.50	23.23	23.23		
1.4	3	0		23.29	23.37	23.37		
1.4	3	1		23.37	23.49	23.36		
1.4	3	3		23.44	23.43	23.22		
1.4	6	0		22.29	22.30	22.08		
1.4	1	0	16-QAM	22.52	22.40	22.33	21.13	0.1297
1.4	1	3		22.29	22.43	22.21		
1.4	1	5		22.36	22.19	22.25		
1.4	3	0		22.36	22.22	22.13		
1.4	3	1		22.25	22.31	22.10		
1.4	3	3		22.23	22.21	22.18		
1.4	6	0		22.20	22.20	22.11		
1.4	1	0	64-QAM	21.32	21.34	21.26	20.09	0.1021
1.4	1	3		21.48	21.24	21.18		
1.4	1	5		21.26	21.38	21.25		
1.4	3	0		21.21	21.22	21.26		
1.4	3	1		21.43	21.34	21.28		
1.4	3	3		21.28	21.38	21.32		
1.4	6	0		20.17	20.29	20.09		
Limit	ERP < 7W			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	21.44	21.46	21.36	23.86	0.2432
20	1	49		21.32	21.36	21.28		
20	1	99		21.32	21.36	21.35		
20	50	0		21.36	21.39	21.34		
20	50	24		21.33	21.38	21.32		
20	50	50		21.28	21.38	21.29		
20	100	0		21.31	21.35	21.28		
20	1	0	16-QAM	21.35	21.39	21.29	23.79	0.2393
20	1	49		21.24	21.34	21.26		
20	1	99		21.30	21.34	21.33		
20	50	0		21.26	21.36	21.32		
20	50	24		21.32	21.37	21.26		
20	50	50		21.22	21.30	21.28		
20	100	0		21.27	21.29	21.18		
20	1	0	64-QAM	21.10	21.16	21.11	23.58	0.2280
20	1	49		21.16	21.15	21.01		
20	1	99		21.14	21.18	21.04		
20	50	0		20.41	20.32	20.33		
20	50	24		20.35	20.40	20.39		
20	50	50		20.33	20.43	20.34		
20	100	0		20.32	20.38	20.38		
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	21.38	21.36	21.30	23.78	0.2388
15	1	37		21.21	21.34	21.27		
15	1	74		21.23	21.27	21.34		
15	36	0		21.27	21.35	21.28		
15	36	20		21.28	21.27	21.22		
15	36	39		21.23	21.37	21.26		
15	75	0		21.25	21.29	21.25		
15	1	0	16-QAM	21.29	21.38	21.24	23.78	0.2388
15	1	37		21.15	21.26	21.16		
15	1	74		21.29	21.32	21.30		
15	36	0		21.22	21.26	21.31		
15	36	20		21.29	21.36	21.25		
15	36	39		21.18	21.21	21.19		
15	75	0		21.19	21.26	21.16		
15	1	0	64-QAM	21.08	21.12	21.05	23.55	0.2265
15	1	37		21.06	21.11	21.05		
15	1	74		21.09	21.15	21.01		
15	36	0		20.34	20.24	20.31		
15	36	20		20.34	20.39	20.30		
15	36	39		20.32	20.32	20.32		
15	75	0		20.24	20.28	20.27		
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	21.43	21.39	21.29	23.83	0.2415
10	1	25		21.28	21.27	21.24		
10	1	49		21.31	21.28	21.33		
10	25	0		21.35	21.37	21.31		
10	25	12		21.27	21.34	21.22		
10	25	25		21.19	21.29	21.20		
10	50	0		21.27	21.28	21.24		
10	1	0	16-QAM	21.34	21.36	21.25	23.76	0.2377
10	1	25		21.22	21.30	21.22		
10	1	49		21.25	21.27	21.28		
10	25	0		21.15	21.28	21.21		
10	25	12		21.25	21.30	21.17		
10	25	25		21.14	21.25	21.23		
10	50	0		21.26	21.23	21.11		
10	1	0	64-QAM	21.06	21.05	21.09	23.50	0.2239
10	1	25		21.09	21.10	21.05		
10	1	49		21.05	21.07	21.02		
10	25	0		20.39	20.25	20.25		
10	25	12		20.26	20.32	20.34		
10	25	25		20.28	20.34	20.26		
10	50	0		20.31	20.30	20.27		
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	21.39	21.38	21.34	23.79	0.2393
5	1	12		21.30	21.28	21.24		
5	1	24		21.22	21.32	21.30		
5	12	0		21.33	21.33	21.23		
5	12	7		21.27	21.28	21.28		
5	12	13		21.23	21.34	21.18		
5	25	0		21.28	21.33	21.21		
5	1	0	16-QAM	21.26	21.34	21.19	23.75	0.2371
5	1	12		21.18	21.32	21.15		
5	1	24		21.22	21.24	21.31		
5	12	0		21.19	21.35	21.21		
5	12	7		21.31	21.31	21.24		
5	12	13		21.18	21.24	21.19		
5	25	0		21.23	21.27	21.13		
5	1	0	64-QAM	21.00	21.10	21.03	23.54	0.2259
5	1	12		21.14	21.11	21.10		
5	1	24		21.03	21.12	21.06		
5	12	0		20.32	20.24	20.31		
5	12	7		20.25	20.39	20.28		
5	12	13		20.23	20.38	20.23		
5	25	0		20.23	20.35	20.31		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.59	21.83	21.64	25.34	0.3420
20	1	49		21.45	21.74	21.64		
20	1	99		21.33	21.82	21.68		
20	50	0		21.53	21.70	21.68		
20	50	24		21.50	21.66	21.56		
20	50	50		21.44	21.69	21.66		
20	100	0		21.35	21.65	21.60		
20	1	0	16-QAM	21.29	21.68	21.58	25.19	0.3304
20	1	49		21.16	21.63	21.54		
20	1	99		21.33	21.67	21.45		
20	50	0		21.40	21.46	21.49		
20	50	24		21.27	21.54	21.45		
20	50	50		21.21	21.63	21.43		
20	100	0		21.39	21.49	21.54		
20	1	0	64-QAM	21.29	21.56	21.40	25.09	0.3228
20	1	49		21.28	21.58	21.42		
20	1	99		21.33	21.40	21.39		
20	50	0		20.31	20.54	20.38		
20	50	24		20.34	20.39	20.34		
20	50	50		20.40	20.45	20.43		
20	100	0		20.38	20.51	20.21		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.48	21.79	21.58	25.30	0.3388
15	1	37		21.35	21.57	21.62		
15	1	74		21.22	21.62	21.65		
15	36	0		21.45	21.65	21.66		
15	36	20		21.46	21.60	21.55		
15	36	39		21.42	21.53	21.58		
15	75	0		21.33	21.71	21.49		
15	1	0	16-QAM	21.28	21.36	21.47	25.17	0.3289
15	1	37		21.06	21.43	21.44		
15	1	74		21.30	21.39	21.44		
15	36	0		21.30	21.54	21.38		
15	36	20		21.23	21.37	21.40		
15	36	39		21.20	21.66	21.34		
15	75	0		21.37	21.32	21.43		
15	1	0	64-QAM	21.18	21.36	21.38	24.92	0.3105
15	1	37		21.17	21.28	21.41		
15	1	74		21.24	21.30	21.33		
15	36	0		20.23	20.36	20.28		
15	36	20		20.24	20.37	20.32		
15	36	39		20.33	20.50	20.42		
15	75	0		20.32	20.47	20.13		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.48	21.75	21.57	25.26	0.3357
10	1	25		21.39	21.56	21.57		
10	1	49		21.28	21.60	21.65		
10	25	0		21.52	21.69	21.67		
10	25	12		21.48	21.65	21.50		
10	25	25		21.43	21.47	21.57		
10	50	0		21.26	21.65	21.59		
10	1	0	16-QAM	21.19	21.23	21.57	25.09	0.3228
10	1	25		21.10	21.58	21.45		
10	1	49		21.30	21.54	21.35		
10	25	0		21.33	21.38	21.43		
10	25	12		21.18	21.44	21.38		
10	25	25		21.18	21.56	21.40		
10	50	0		21.37	21.31	21.47		
10	1	0	64-QAM	21.20	21.23	21.39	24.90	0.3090
10	1	25		21.21	21.20	21.33		
10	1	49		21.28	21.39	21.36		
10	25	0		20.21	20.34	20.32		
10	25	12		20.24	20.39	20.28		
10	25	25		20.29	20.35	20.36		
10	50	0		20.34	20.45	20.10		
Limit	EIRP < 2W			Result			Pass	





LTE Band 41 Maximum Average Power [dBm] (GT - LC = 3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.53	21.71	21.54	25.30	0.3388
5	1	12		21.34	21.46	21.59		
5	1	24		21.30	21.61	21.65		
5	12	0		21.43	21.62	21.63		
5	12	7		21.41	21.64	21.45		
5	12	13		21.37	21.55	21.55		
5	25	0		21.31	21.79	21.50		
5	1	0	16-QAM	21.22	21.23	21.57	25.08	0.3221
5	1	12		21.07	21.55	21.50		
5	1	24		21.30	21.53	21.39		
5	12	0		21.38	21.40	21.38		
5	12	7		21.25	21.47	21.38		
5	12	13		21.12	21.55	21.39		
5	25	0		21.35	21.47	21.49		
5	1	0	64-QAM	21.21	21.24	21.37	24.88	0.3076
5	1	12		21.17	21.29	21.32		
5	1	24		21.24	21.29	21.30		
5	12	0		20.26	20.49	20.27		
5	12	7		20.23	20.39	20.23		
5	12	13		20.35	20.38	20.33		
5	25	0		20.31	20.39	20.10		
Limit	EIRP < 2W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.00	22.11	21.92	25.11	0.3243
20	1	49		21.99	22.10	21.86		
20	1	99		21.91	21.80	21.65		
20	50	0		21.64	21.71	21.65		
20	50	24		21.63	21.70	21.62		
20	50	50		21.63	21.65	21.45		
20	100	0		21.59	21.66	21.59		
20	1	0	16-QAM	21.56	21.67	21.54	24.78	0.3006
20	1	49		21.56	21.70	21.50		
20	1	99		21.54	21.56	21.52		
20	50	0		21.64	21.77	21.62		
20	50	24		21.69	21.78	21.55		
20	50	50		21.66	21.69	21.40		
20	100	0		21.62	21.71	21.60		
20	1	0	64-QAM	21.90	21.87	21.75	24.90	0.3090
20	1	49		21.76	21.89	21.65		
20	1	99		21.71	21.67	21.69		
20	50	0		20.67	20.78	20.64		
20	50	24		20.68	20.76	20.64		
20	50	50		20.68	20.60	20.47		
20	100	0		20.67	20.72	20.62		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.82	22.00	21.81	25.06	0.3206
15	1	37		21.94	22.06	21.73		
15	1	74		21.81	21.76	21.52		
15	36	0		21.58	21.61	21.62		
15	36	20		21.46	21.52	21.42		
15	36	39		21.48	21.52	21.35		
15	75	0		21.50	21.52	21.43		
15	1	0	16-QAM	21.56	21.47	21.43	24.76	0.2992
15	1	37		21.42	21.55	21.36		
15	1	74		21.39	21.44	21.43		
15	36	0		21.50	21.76	21.59		
15	36	20		21.51	21.64	21.45		
15	36	39		21.62	21.59	21.24		
15	75	0		21.49	21.58	21.42		
15	1	0	64-QAM	21.83	21.70	21.75	24.89	0.3083
15	1	37		21.65	21.89	21.46		
15	1	74		21.64	21.55	21.54		
15	36	0		20.56	20.74	20.62		
15	36	20		20.68	20.73	20.46		
15	36	39		20.52	20.46	20.39		
15	75	0		20.54	20.52	20.59		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.86	21.96	21.75	24.99	0.3155
10	1	25		21.89	21.99	21.84		
10	1	49		21.80	21.70	21.48		
10	25	0		21.51	21.68	21.61		
10	25	12		21.56	21.58	21.48		
10	25	25		21.58	21.45	21.29		
10	50	0		21.49	21.55	21.40		
10	1	0	16-QAM	21.48	21.58	21.54	24.69	0.2944
10	1	25		21.45	21.65	21.49		
10	1	49		21.35	21.48	21.34		
10	25	0		21.55	21.69	21.60		
10	25	12		21.52	21.68	21.53		
10	25	25		21.63	21.49	21.37		
10	50	0		21.60	21.52	21.51		
10	1	0	64-QAM	21.80	21.72	21.72	24.88	0.3076
10	1	25		21.65	21.88	21.51		
10	1	49		21.61	21.54	21.67		
10	25	0		20.63	20.63	20.45		
10	25	12		20.66	20.61	20.53		
10	25	25		20.62	20.44	20.46		
10	50	0		20.57	20.60	20.54		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.89	22.01	21.92	25.01	0.3170
5	1	12		21.79	22.00	21.80		
5	1	24		21.89	21.74	21.54		
5	12	0		21.58	21.62	21.54		
5	12	7		21.53	21.66	21.55		
5	12	13		21.52	21.48	21.41		
5	25	0		21.57	21.50	21.49		
5	1	0	16-QAM	21.44	21.50	21.40	24.69	0.2944
5	1	12		21.56	21.57	21.36		
5	1	24		21.36	21.51	21.40		
5	12	0		21.64	21.63	21.54		
5	12	7		21.55	21.67	21.44		
5	12	13		21.50	21.69	21.25		
5	25	0		21.53	21.52	21.52		
5	1	0	64-QAM	21.90	21.75	21.60	24.90	0.3090
5	1	12		21.60	21.70	21.64		
5	1	24		21.64	21.48	21.53		
5	12	0		20.52	20.73	20.47		
5	12	7		20.66	20.60	20.54		
5	12	13		20.68	20.48	20.42		
5	25	0		20.49	20.63	20.62		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	21.84	22.07	21.86	25.07	0.3214
3	1	8		21.99	21.92	21.74		
3	1	14		21.78	21.71	21.45		
3	8	0		21.53	21.60	21.65		
3	8	4		21.56	21.53	21.42		
3	8	7		21.60	21.61	21.35		
3	15	0		21.59	21.62	21.50		
3	1	0	16-QAM	21.45	21.48	21.40	24.75	0.2985
3	1	8		21.42	21.69	21.44		
3	1	14		21.39	21.48	21.48		
3	8	0		21.64	21.74	21.59		
3	8	4		21.58	21.75	21.42		
3	8	7		21.61	21.65	21.32		
3	15	0		21.59	21.68	21.44		
3	1	0	64-QAM	21.88	21.77	21.58	24.88	0.3076
3	1	8		21.62	21.69	21.60		
3	1	14		21.64	21.47	21.62		
3	8	0		20.66	20.68	20.50		
3	8	4		20.65	20.61	20.44		
3	8	7		20.60	20.40	20.46		
3	15	0		20.56	20.65	20.51		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.00	22.01	21.72	25.10	0.3236
1.4	1	3		21.81	22.10	21.69		
1.4	1	5		21.75	21.60	21.49		
1.4	3	0		21.47	21.71	21.54		
1.4	3	1		21.49	21.57	21.52		
1.4	3	3		21.47	21.57	21.34		
1.4	6	0		21.43	21.59	21.40		
1.4	1	0	16-QAM	21.47	21.59	21.39	24.77	0.2999
1.4	1	3		21.49	21.67	21.31		
1.4	1	5		21.34	21.51	21.46		
1.4	3	0		21.63	21.68	21.56		
1.4	3	1		21.60	21.77	21.42		
1.4	3	3		21.57	21.65	21.23		
1.4	6	0		21.59	21.63	21.43		
1.4	1	0	64-QAM	21.77	21.79	21.69	24.79	0.3013
1.4	1	3		21.63	21.71	21.47		
1.4	1	5		21.66	21.58	21.63		
1.4	3	0		20.64	20.58	20.59		
1.4	3	1		20.68	20.64	20.63		
1.4	3	3		20.56	20.43	20.42		
1.4	6	0		20.53	20.57	20.54		
Limit	EIRP < 1W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 3.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	19.39	19.41	19.38	20.33	0.1079
20	1	49		19.33	19.35	19.40		
20	1	99		19.36	19.33	19.38		
20	50	0		19.39	19.40	19.36		
20	50	24		19.35	19.39	19.32		
20	50	50		19.34	19.31	19.39		
20	100	0		19.35	19.39	19.36		
20	1	0	16-QAM	19.27	19.18	19.28	20.20	0.1047
20	1	49		19.15	19.20	19.26		
20	1	99		19.26	19.24	19.23		
20	50	0		19.22	19.23	19.15		
20	50	24		19.21	19.23	19.25		
20	50	50		19.24	19.14	19.20		
20	100	0		19.28	19.19	19.19		
20	1	0	64-QAM	19.26	19.33	19.20	20.27	0.1064
20	1	49		19.21	19.35	19.23		
20	1	99		19.23	19.33	19.32		
20	50	0		19.23	19.22	19.18		
20	50	24		19.18	19.23	19.25		
20	50	50		19.25	19.13	19.19		
20	100	0		19.29	19.19	19.20		
Limit	ERP < 3W			Result			Pass	





LTE Band 71 Maximum Average Power [dBm] (GT - LC = 3.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	19.28	19.32	19.28	20.29	0.1069
15	1	37		19.28	19.21	19.27		
15	1	74		19.28	19.18	19.37		
15	36	0		19.27	19.28	19.28		
15	36	20		19.15	19.33	19.16		
15	36	39		19.26	19.11	19.32		
15	75	0		19.35	19.37	19.33		
15	1	0	16-QAM	19.14	19.14	19.27	20.19	0.1045
15	1	37		19.05	19.16	19.24		
15	1	74		19.06	19.18	19.12		
15	36	0		19.10	19.21	19.00		
15	36	20		19.04	19.12	19.09		
15	36	39		19.07	19.01	19.03		
15	75	0		19.11	19.11	19.12		
15	1	0	64-QAM	19.10	19.22	19.12	20.25	0.1059
15	1	37		19.14	19.33	19.13		
15	1	74		19.22	19.23	19.17		
15	36	0		19.09	19.08	19.05		
15	36	20		18.98	19.23	19.21		
15	36	39		19.21	19.05	19.01		
15	75	0		19.16	19.00	19.02		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 3.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	19.20	19.36	19.33	20.31	0.1074
10	1	25		19.18	19.23	19.21		
10	1	49		19.32	19.24	19.25		
10	25	0		19.35	19.39	19.29		
10	25	12		19.27	19.36	19.29		
10	25	25		19.16	19.27	19.37		
10	50	0		19.17	19.22	19.20		
10	1	0	16-QAM	19.09	19.06	19.09	20.18	0.1042
10	1	25		18.96	19.11	19.18		
10	1	49		19.24	19.20	19.18		
10	25	0		19.22	19.08	19.14		
10	25	12		19.08	19.16	19.20		
10	25	25		19.14	19.10	19.08		
10	50	0		19.26	19.15	19.12		
10	1	0	64-QAM	19.12	19.26	19.20	20.22	0.1052
10	1	25		19.02	19.25	19.04		
10	1	49		19.19	19.30	19.23		
10	25	0		19.16	19.19	19.06		
10	25	12		19.07	19.22	19.13		
10	25	25		19.22	19.05	19.09		
10	50	0		19.25	19.12	19.20		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 3.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	19.20	19.24	19.36	20.30	0.1072
5	1	12		19.14	19.26	19.33		
5	1	24		19.26	19.19	19.19		
5	12	0		19.22	19.38	19.25		
5	12	7		19.32	19.33	19.28		
5	12	13		19.28	19.21	19.35		
5	25	0		19.21	19.31	19.36		
5	1	0	16-QAM	19.20	19.17	19.27	20.19	0.1045
5	1	12		19.04	19.17	19.21		
5	1	24		19.21	19.24	19.10		
5	12	0		19.12	19.19	19.03		
5	12	7		19.13	19.15	19.07		
5	12	13		19.18	18.99	19.05		
5	25	0		19.12	19.18	19.06		
5	1	0	64-QAM	19.18	19.18	19.12	20.21	0.1050
5	1	12		19.01	19.28	19.06		
5	1	24		19.04	19.29	19.18		
5	12	0		19.16	19.09	19.07		
5	12	7		19.01	19.15	19.22		
5	12	13		19.08	19.04	19.04		
5	25	0		19.10	19.10	19.20		
Limit	ERP < 3W			Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = 0.76 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	22.18	22.22	22.26	22.90	0.1950
10+10	1	0	1	49		13.64	13.63	13.65		
10+10	1	49	1	0		24.16	24.09	24.29		
10+10	50	0	50	0	16-QAM	21.15	21.15	21.18	22.16	0.1644
10+10	1	0	1	49		14.09	14.16	14.16		
10+10	1	49	1	0		23.55	23.33	23.37		
10+10	50	0	50	0	64-QAM	21.13	21.12	21.26	19.87	0.0971
10+10	1	0	1	49		13.90	13.93	13.91		
10+10	1	49	1	0		21.24	21.25	21.26		
10+5	50	0	25	0	QPSK	22.14	22.17	22.11	22.88	0.1941
10+5	1	0	1	24		14.08	14.07	14.14		
10+5	1	49	1	0		24.04	24.12	24.27		
10+5	50	0	25	0	16-QAM	21.14	21.16	21.12	22.01	0.1589
10+5	1	0	1	24		14.43	14.43	14.73		
10+5	1	49	1	0		23.40	23.29	23.26		
10+5	50	0	25	0	64-QAM	21.13	21.13	21.09	19.93	0.0984
10+5	1	0	1	24		14.37	14.44	14.51		
10+5	1	49	1	0		21.32	21.20	21.19		
5+10	25	0	50	0	QPSK	22.20	22.12	22.10	22.82	0.1914
5+10	1	0	1	49		14.22	14.13	14.13		
5+10	1	24	1	0		24.21	24.07	24.13		
5+10	25	0	50	0	16-QAM	21.20	21.10	21.11	21.91	0.1552
5+10	1	0	1	49		14.76	14.57	14.62		
5+10	1	24	1	0		23.13	23.27	23.30		
5+10	25	0	50	0	64-QAM	21.18	21.14	21.09	19.88	0.0973
5+10	1	0	1	49		14.39	14.38	14.35		
5+10	1	24	1	0		21.08	21.19	21.27		
Limit	ERP < 7W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 3.51 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.83	21.78	21.83	25.34	0.3420
20+20	1	0	1	99		16.30	16.22	16.28		
20+20	1	99	1	0		21.71	21.68	21.55		
20+20	100	0	100	0	16-QAM	21.66	21.66	21.74	25.40	0.3467
20+20	1	0	1	99		16.88	16.75	16.76		
20+20	1	99	1	0		21.54	21.85	21.89		
20+20	100	0	100	0	64-QAM	21.67	21.67	21.61	25.39	0.3459
20+20	1	0	1	99		16.63	16.49	16.49		
20+20	1	99	1	0		21.83	21.88	21.78		
20+15	100	0	75	0	QPSK	21.79	21.75	21.84	25.35	0.3428
20+15	1	0	1	74		16.31	16.26	16.28		
20+15	1	99	1	0		21.72	21.67	21.81		
20+15	100	0	75	0	16-QAM	21.69	21.70	21.77	25.40	0.3467
20+15	1	0	1	74		16.83	16.67	16.63		
20+15	1	99	1	0		21.89	21.66	21.67		
20+15	100	0	75	0	64-QAM	21.69	21.73	21.81	25.46	0.3516
20+15	1	0	1	74		16.61	16.51	16.58		
20+15	1	99	1	0		21.88	21.89	21.95		
15+20	75	0	100	0	QPSK	21.72	21.69	21.77	25.28	0.3373
15+20	1	0	1	99		16.27	16.21	16.24		
15+20	1	74	1	0		21.77	21.66	21.68		
15+20	75	0	100	0	16-QAM	21.71	21.68	21.77	25.40	0.3467
15+20	1	0	1	99		16.74	16.72	16.59		
15+20	1	74	1	0		21.68	21.89	21.68		
15+20	75	0	100	0	64-QAM	21.69	21.67	21.76	25.39	0.3459
15+20	1	0	1	99		16.54	16.49	16.52		
15+20	1	74	1	0		21.79	21.87	21.88		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 3.51 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	21.79	21.76	21.99	25.50	0.3548
20+10	1	0	1	74		16.33	16.22	16.33		
20+10	1	99	1	0		21.80	21.70	21.84		
20+10	100	0	75	0	16-QAM	21.83	21.71	21.78	25.39	0.3459
20+10	1	0	1	74		16.85	16.71	16.84		
20+10	1	99	1	0		21.75	21.65	21.88		
20+10	100	0	75	0	64-QAM	21.78	21.69	21.75	25.42	0.3483
20+10	1	0	1	74		16.62	16.49	16.66		
20+10	1	99	1	0		21.91	21.87	21.90		
10+20	75	0	100	0	QPSK	21.76	21.71	21.83	25.34	0.3420
10+20	1	0	1	99		16.33	16.26	16.29		
10+20	1	74	1	0		21.70	21.62	21.75		
10+20	75	0	100	0	16-QAM	21.70	21.69	21.79	25.46	0.3516
10+20	1	0	1	99		16.84	16.75	16.71		
10+20	1	74	1	0		21.89	21.95	21.85		
10+20	75	0	100	0	64-QAM	21.75	21.70	21.53	25.46	0.3516
10+20	1	0	1	99		16.57	16.57	16.55		
10+20	1	74	1	0		21.95	21.81	21.65		
15+15	75	0	100	0	QPSK	21.71	21.70	21.82	25.33	0.3412
15+15	1	0	1	99		16.29	16.26	16.27		
15+15	1	74	1	0		21.70	21.62	21.75		
15+15	75	0	100	0	16-QAM	21.63	21.63	21.68	25.41	0.3475
15+15	1	0	1	99		16.84	16.74	16.68		
15+15	1	74	1	0		21.86	21.89	21.90		
15+15	75	0	100	0	64-QAM	21.60	21.62	21.77	25.36	0.3436
15+15	1	0	1	99		16.60	16.55	16.55		
15+15	1	74	1	0		21.81	21.85	21.83		
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	22.85	22.88	22.85	25.28	0.3373
20+20	1	0	1	99		16.34	16.35	16.36		
20+20	1	99	1	0		22.74	22.76	22.76		
20+20	100	0	100	0	16-QAM	21.91	21.89	21.89	25.32	0.3404
20+20	1	0	1	99		16.82	16.97	16.93		
20+20	1	99	1	0		22.88	22.91	22.92		
20+20	100	0	100	0	64-QAM	21.89	21.89	21.88	24.61	0.2891
20+20	1	0	1	99		16.51	16.74	16.77		
20+20	1	99	1	0		21.99	22.21	22.17		
15+15	75	0	75	0	QPSK	22.83	22.84	22.83	25.24	0.3342
15+15	1	0	1	74		16.33	16.37	16.38		
15+15	1	74	1	0		22.81	22.78	22.76		
15+15	75	0	75	0	16-QAM	21.90	21.91	21.91	25.29	0.3381
15+15	1	0	1	74		16.81	16.83	16.85		
15+15	1	74	1	0		22.89	22.88	22.85		
15+15	75	0	75	0	64-QAM	21.87	21.92	21.88	24.53	0.2838
15+15	1	0	1	74		16.02	16.52	16.54		
15+15	1	74	1	0		22.13	21.99	21.96		
Limit	EIRP < 2W				Result				Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 3.51 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	22.98	22.86	22.75	26.49	0.4457
20+20	1	0	1	99		16.46	16.32	16.20		
20+20	1	99	1	0		22.85	22.80	22.68		
20+20	100	0	100	0	16-QAM	22.01	21.87	21.77	26.43	0.4395
20+20	1	0	1	99		16.58	16.42	16.33		
20+20	1	99	1	0		22.85	22.92	22.81		
20+20	100	0	100	0	64-QAM	22.00	21.85	21.81	25.51	0.3556
20+20	1	0	1	99		16.13	16.02	15.94		
20+20	1	99	1	0		21.68	21.51	21.40		
20+15	100	0	75	0	QPSK	22.95	22.86	22.75	26.46	0.4426
20+15	1	0	1	74		16.46	16.36	16.22		
20+15	1	99	1	0		22.65	22.86	22.68		
20+15	100	0	75	0	16-QAM	21.97	21.87	21.77	26.44	0.4406
20+15	1	0	1	74		16.59	16.46	16.34		
20+15	1	99	1	0		22.65	22.93	22.81		
20+15	100	0	75	0	64-QAM	21.99	21.88	21.78	25.50	0.3548
20+15	1	0	1	74		16.13	16.07	15.94		
20+15	1	99	1	0		21.69	21.55	21.40		
15+20	75	0	100	0	QPSK	22.95	22.84	22.74	26.48	0.4446
15+20	1	0	1	99		16.41	16.32	16.20		
15+20	1	74	1	0		22.97	22.80	22.66		
15+20	75	0	100	0	16-QAM	21.98	21.85	21.74	26.41	0.4375
15+20	1	0	1	99		16.57	16.41	16.33		
15+20	1	74	1	0		22.85	22.90	22.75		
15+20	75	0	100	0	64-QAM	21.98	21.86	21.78	25.49	0.3540
15+20	1	0	1	99		15.71	16.04	16.12		
15+20	1	74	1	0		21.67	21.52	21.38		
Limit	EIRP < 2W					Result			Pass	





LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 3.51 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	22.96	22.90	22.81	26.47	0.4436
20+10	1	0	1	49		16.46	16.41	16.29		
20+10	1	99	1	0		22.85	22.85	22.89		
20+10	100	0	50	0	16-QAM	21.99	21.89	21.81	26.47	0.4436
20+10	1	0	1	49		16.64	16.53	16.40		
20+10	1	99	1	0		22.96	22.87	22.95		
20+10	100	0	50	0	64-QAM	21.99	21.89	21.79	25.50	0.3548
20+10	1	0	1	49		16.21	16.13	16.00		
20+10	1	99	1	0		21.87	21.69	21.58		
10+20	50	0	100	0	QPSK	22.97	22.91	22.76	26.50	0.4467
10+20	1	0	1	99		16.45	16.39	16.24		
10+20	1	49	1	0		22.99	22.84	22.70		
10+20	50	0	100	0	16-QAM	21.99	21.93	21.78	26.48	0.4446
10+20	1	0	1	99		16.60	16.47	16.33		
10+20	1	49	1	0		22.97	22.93	22.74		
10+20	50	0	100	0	64-QAM	21.97	21.89	21.81	25.48	0.3532
10+20	1	0	1	99		16.15	16.08	15.93		
10+20	1	49	1	0		21.66	21.53	21.44		
20+5	100	0	25	0	QPSK	22.59	22.87	22.32	26.40	0.4365
20+5	1	0	1	24		17.72	19.08	15.09		
20+5	1	99	1	0		22.89	22.88	22.85		
20+5	100	0	25	0	16-QAM	21.39	22.35	21.85	25.96	0.3945
20+5	1	0	1	24		18.87	19.28	16.23		
20+5	1	99	1	0		21.21	22.45	21.75		
20+5	100	0	25	0	64-QAM	21.37	21.65	21.57	25.36	0.3436
20+5	1	0	1	24		19.46	18.89	16.86		
20+5	1	99	1	0		21.15	21.85	21.85		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 3.51 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	22.95	22.87	22.75	26.47	0.4436
5+20	1	0	1	99		16.44	16.33	16.19		
5+20	1	24	1	0		22.96	22.83	22.74		
5+20	25	0	100	0	16-QAM	21.95	21.43	21.77	26.46	0.4426
5+20	1	0	1	99		16.54	16.46	16.33		
5+20	1	24	1	0		22.06	22.95	22.82		
5+20	25	0	100	0	64-QAM	21.97	21.91	21.80	25.48	0.3532
5+20	1	0	1	99		16.11	16.05	15.91		
5+20	1	24	1	0		21.64	21.52	21.45		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 3.51 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	75	0	75	0	QPSK	22.94	22.83	22.72	26.47	0.4436
15+15	1	0	1	74		16.43	16.38	16.21		
15+15	1	74	1	0		22.96	22.81	22.64		
15+15	75	0	75	0	16-QAM	21.98	21.89	21.75	26.44	0.4406
15+15	1	0	1	74		16.57	16.45	16.33		
15+15	1	74	1	0		22.85	22.93	22.75		
15+15	75	0	75	0	64-QAM	21.98	21.89	21.79	25.49	0.3540
15+15	1	0	1	74		16.12	16.07	15.93		
15+15	1	74	1	0		21.69	21.54	21.43		
Limit	EIRP < 2W					Result			Pass	



## Appendix B. Test Results of Radiated Test

### LTE Band 26

LTE Band 26 / 3MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-62.68	-13	-49.68	-76.28	-64.44	0.98	4.89	H
	2472	-58.59	-13	-45.59	-77.44	-60.47	1.28	5.32	H
	3296	-57.27	-13	-44.27	-78.22	-60.68	1.54	7.10	H
									H
									H
									H
									H
	1648	-63.01	-13	-50.01	-76.14	-64.77	0.98	4.89	V
	2472	-58.81	-13	-45.81	-77.22	-60.69	1.28	5.32	V
	3296	-57.88	-13	-44.88	-78.49	-61.29	1.54	7.10	V
									V
	Middle	1672	-62.18	-13	-49.18	-75.98	-63.86	0.99	4.82
2505		-58.71	-13	-45.71	-77.66	-60.67	1.29	5.40	H
3340		-57.71	-13	-44.71	-78.79	-61.3	1.55	7.30	H
									H
									H
									H
									H
									V
1672		-63.12	-13	-50.12	-76.46	-64.8	0.99	4.82	V
2505		-59.33	-13	-46.33	-77.83	-61.29	1.29	5.40	V
3340		-57.91	-13	-44.91	-78.76	-61.5	1.55	7.30	V
									V
								V	
								V	



LTE Band 26 / 3MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1692	-62.43	-13	-49.43	-76.36	-64.05	1.00	4.76	H
	2538	-58.85	-13	-45.85	-77.84	-60.83	1.30	5.43	H
	3384	-57.42	-13	-44.42	-78.65	-61.19	1.57	7.49	H
									H
									H
									H
									H
	1692	-63.01	-13	-50.01	-76.48	-64.63	1.00	4.76	V
	2538	-59.33	-13	-46.33	-77.83	-61.31	1.30	5.43	V
	3384	-57.70	-13	-44.70	-78.8	-61.47	1.57	7.49	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 25**

LTE Band 25 / 10MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-51.63	-13	-38.63	-73.35	-58.2	1.67	8.24	H
	5550	-55.73	-13	-42.73	-82.01	-62.8	2.65	9.72	H
	7400	-54.16	-13	-41.16	-82.63	-63.3	2.46	11.60	H
									H
									H
									H
									H
	3702	-47.03	-13	-34.03	-68.77	-53.6	1.67	8.24	V
	5550	-56.13	-13	-43.13	-82.32	-63.2	2.65	9.72	V
	7400	-53.66	-13	-40.66	-82.66	-62.8	2.46	11.60	V
									V
									V
									V
									V
Middle	3750	-53.68	-13	-40.68	-75.39	-60.3	1.68	8.30	H
	5625	-55.75	-13	-42.75	-82.2	-62.8	2.70	9.75	H
	7500	-53.53	-13	-40.53	-82.09	-62.9	2.43	11.80	H
									H
									H
									H
									H
									V
	3750	-47.78	-13	-34.78	-69.45	-54.4	1.68	8.30	V
	5625	-55.85	-13	-42.85	-82.2	-62.9	2.70	9.75	V
	7500	-50.63	-13	-37.63	-82.24	-60	2.43	11.80	V
									V
									V
									V



LTE Band 25 / 10MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3810	-52.63	-13	-39.63	-74.26	-59.3	1.70	8.37	H
	5715	-55.36	-13	-42.36	-81.88	-62.4	2.75	9.79	H
	7620	-53.02	-13	-40.02	-82.19	-62.5	2.39	11.87	H
									H
									H
									H
									H
	3810	-45.83	-13	-32.83	-67.89	-52.5	1.70	8.37	V
	5715	-55.66	-13	-42.66	-82.54	-62.7	2.75	9.79	V
	7620	-53.82	-13	-40.82	-82.46	-63.3	2.39	11.87	V
									V
									V
									V
									V

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 66**

LTE Band 66 / 3MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-45.03	-13	-32.03	-66.59	-51.1	1.58	7.65	H
	5130	-56.21	-13	-43.21	-81.35	-63.5	2.41	9.70	H
	6840	-54.53	-13	-41.53	-82.67	-62.5	2.64	10.61	H
									H
									H
									H
									H
	3420	-45.33	-13	-32.33	-66.79	-51.4	1.58	7.65	V
	5130	-56.01	-13	-43.01	-81.24	-63.3	2.41	9.70	V
	6840	-54.43	-13	-41.43	-82.51	-62.4	2.64	10.61	V
									V
									V
									V
									V
Middle	3486	-42.32	-13	-29.32	-64.54	-48.66	1.60	7.94	H
	5232	-56.39	-13	-43.39	-82.03	-63.62	2.47	9.70	H
	6972	-54.66	-13	-41.66	-82.93	-62.83	2.60	10.77	H
									H
									H
									H
									H
									V
	3486	-40.32	-13	-27.32	-62.49	-46.66	1.60	7.94	V
	5232	-56.12	-13	-43.12	-81.78	-63.35	2.47	9.70	V
	6972	-54.61	-13	-41.61	-82.85	-62.78	2.60	10.77	V
									V
									V
									V



LTE Band 66 / 3MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3552	-42.16	-13	-29.16	-63.56	-48.6	1.62	8.06	H
	5331	-56.73	-13	-43.73	-82.13	-63.9	2.53	9.70	H
	7108	-54.84	-13	-41.84	-82.65	-63.3	2.56	11.02	H
									H
									H
									H
									H
	3552	-41.66	-13	-28.66	-63.31	-48.1	1.62	8.06	V
	5331	-56.53	-13	-43.53	-82.31	-63.7	2.53	9.70	V
	7108	-54.44	-13	-41.44	-82.58	-62.9	2.56	11.02	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.





LTE Band 12

LTE Band 12 / 5MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-59.88	-13	-46.88	-71.84	-61.54	0.87	4.68	H
	2097	-60.73	-13	-47.73	-77.69	-61.61	1.16	4.19	H
	2796	-58.17	-13	-45.17	-77.86	-60.27	1.38	5.64	H
									H
									H
									H
									H
	1400	-62.77	-13	-49.77	-74.26	-64.43	0.87	4.68	V
	2096	-60.75	-13	-47.75	-77.37	-61.62	1.16	4.19	V
	2800	-58.83	-13	-45.83	-77.75	-60.94	1.38	5.64	V
									V
	Middle	1410	-63.13	-13	-50.13	-75.13	-64.85	0.87	4.74
2115		-60.17	-13	-47.17	-77.22	-61.09	1.17	4.25	H
2820		-58.52	-13	-45.52	-78.27	-60.63	1.39	5.66	H
									H
									H
									H
				-13					V
1410		-63.90	-13	-50.90	-75.42	-65.62	0.87	4.74	V
2115		-60.71	-13	-47.71	-77.41	-61.63	1.17	4.25	V
2820		-59.12	-13	-46.12	-78.07	-61.23	1.39	5.66	V
									V
									V



LTE Band 12 / 5MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1424	-59.05	-13	-46.05	-71.12	-60.85	0.88	4.83	H
	2133	-60.15	-13	-47.15	-77.28	-61.12	1.18	4.30	H
	2844	-58.16	-13	-45.16	-77.97	-60.29	1.40	5.68	H
									H
									H
									H
									H
	1424	-61.64	-13	-48.64	-73.22	-63.44	0.88	4.83	V
	2133	-60.52	-13	-47.52	-77.30	-61.49	1.18	4.30	V
	2844	-58.86	-13	-45.86	-77.84	-60.99	1.40	5.68	V
									V
									V
									V
									V

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



### LTE Band 13

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1552	-63.43	-13	-50.43	-76.12	-65.50	0.94	5.15	H
	2336	-59.58	-13	-46.58	-77.59	-61.10	1.24	4.91	H
	3108	-58.26	-13	-45.26	-78.44	-60.90	1.48	6.28	H
									H
									H
									H
									H
	1552	-65.13	-13.00	-52.13	-76.70	-67.20	0.94	5.15	V
	2336	-60.68	-13	-47.68	-78.01	-62.20	1.24	4.91	V
	3108	-59.86	-13	-46.86	-78.77	-62.50	1.48	6.28	V
									V
									V
									V
									V
Middle	1560	-63.86	-42.15	-21.71	-76.42	-65.90	0.94	5.13	H
	2339	-59.87	-13	-46.87	-77.98	-61.40	1.24	4.92	H
	3118	-58.52	-13	-45.52	-78.60	-61.20	1.48	6.32	H
									H
									H
									H
									H
									V
	1560	-64.66	-42.15	-22.51	-76.76	-66.70	0.94	5.13	V
	2339	-60.17	-13	-47.17	-77.82	-61.70	1.24	4.92	V
	3118	-59.12	-13	-46.12	-78.45	-61.80	1.48	6.32	V
									V
									V
									V



LTE Band 13 / 5MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1564	-64.47	-42.15	-22.32	-76.96	-66.50	0.94	5.12	H
	2346	-60.25	-13	-47.25	-78.11	-61.80	1.24	4.94	H
	3128	-58.77	-13	-45.77	-78.90	-61.50	1.49	6.36	H
									H
									H
									H
									H
	1564	-65.07	-42.15	-22.92	-77.02	-67.10	0.94	5.12	V
	2346	-59.95	-13	-46.95	-77.81	-61.50	1.24	4.94	V
	3128	-59.77	-13	-46.77	-78.93	-62.50	1.49	6.36	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 41**

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4992	-50.27	-25	-25.27	-75.33	-57.62	2.33	9.68	H
	7488	-53.38	-25	-28.38	-82.06	-62.72	2.43	11.78	H
	9990	-49.01	-25	-24.01	-82.59	-58.52	2.69	12.21	H
									H
									H
									H
									H
	4992	-49.03	-25	-24.03	-74.42	-56.38	2.33	9.68	V
	7488	-53.88	-25	-28.88	-82.48	-63.22	2.43	11.78	V
	9990	-49.04	-25	-24.04	-82.68	-58.55	2.69	12.21	V
									V
									V
									V
									V
Middle	5166	-49.77	-25	-24.77	-75.16	-57.04	2.43	9.70	H
	7752	-52.70	-25	-27.70	-82.34	-62.3	2.35	11.95	H
	10332	-46.45	-25	-21.45	-80.75	-56.09	2.69	12.33	H
									H
									H
									H
									H
									V
	5166	-45.37	-25	-20.37	-70.9	-52.64	2.43	9.70	V
	7752	-53.03	-25	-28.03	-82.38	-62.63	2.35	11.95	V
	10332	-47.14	-25	-22.14	-81.58	-56.78	2.69	12.33	V
									V
									V
									V



LTE Band 41 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5340	-48.21	-25	-23.21	-74.16	-55.38	2.53	9.70	H
	8010	-51.47	-25	-26.47	-81.9	-61.31	2.27	12.11	H
	10674	-46.88	-25	-21.88	-81.98	-56.62	2.69	12.43	H
									H
									H
									H
									H
	5340	-46.49	-25	-21.49	-72.52	-53.66	2.53	9.70	V
	8010	-51.71	-25	-26.71	-81.8	-61.55	2.27	12.11	V
	10674	-46.63	-25	-21.63	-81.91	-56.37	2.69	12.43	V
									V
									V
									V
									V

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 71**

LTE Band 71 / 20MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-63.44	-13	-50.44	-75.08	-64.69	0.84	4.23	H
	1992	-60.41	-13	-47.41	-76.89	-61.05	1.13	3.92	H
	2648	-58.45	-13	-45.45	-77.62	-60.48	1.34	5.52	H
									H
									H
									H
									H
	1328	-64.33	-13	-51.33	-75.39	-65.58	0.84	4.23	V
	1992	-60.72	-13	-47.72	-76.88	-61.36	1.13	3.92	V
	2648	-59.45	-13	-46.45	-78.03	-61.48	1.34	5.52	V
									V
									V
									V
									V
Middle	1344	-63.12	-13	-50.12	-74.75	-64.46	0.84	4.33	H
	2008	-60.37	-13	-47.37	-76.88	-61.01	1.14	3.92	H
	2680	-58.74	-13	-45.74	-78.11	-60.79	1.35	5.54	H
									H
									H
									H
									H
									V
	1344	-63.87	-13	-50.87	-75.09	-65.21	0.84	4.33	V
	2008	-60.74	-13	-47.74	-76.99	-61.38	1.14	3.92	V
	2680	-58.52	-13	-45.52	-77.24	-60.57	1.35	5.54	V
									V
									V
									V
								V	



LTE Band 71 / 20MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1352	-63.94	-13	-50.94	-75.72	-65.33	0.85	4.38	H
	2032	-60.01	-13	-47.01	-76.77	-60.71	1.14	4.00	H
	2712	-58.62	-13	-45.62	-77.95	-60.68	1.36	5.57	H
									H
									H
									H
									H
	1352	-64.13	-13	-51.13	-75.39	-65.52	0.85	4.38	V
	2032	-60.83	-13	-47.83	-77.17	-61.53	1.14	4.00	V
	2712	-58.95	-13	-45.95	-77.59	-61.01	1.36	5.57	V
									V
									V
									V
									V

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.





**LTE CA Band 5B**

LTE CA Band 5B / 5+10MHz / QPSK,1RB24+1RB0									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1656	-62.79	-13	-49.79	-76.49	-64.52	0.98	4.86	H
	2488	-59.22	-13	-46.22	-78.17	-61.15	1.29	5.36	H
	3320	-57.51	-13	-44.51	-78.53	-61.02	1.55	7.21	H
									H
									H
									H
									H
	1656	-63.09	-13	-50.09	-76.3	-64.82	0.98	4.86	V
	2488	-58.74	-13	-45.74	-77.33	-60.67	1.29	5.36	V
	3320	-57.52	-13	-44.52	-78.18	-61.03	1.55	7.21	V
									V
									V
									V
									V
Middle	1672	-62.85	-13	-49.85	-76.58	-64.53	0.99	4.82	H
	2504	-58.96	-13	-45.96	-77.87	-60.92	1.29	5.40	H
	3336	-57.84	-13	-44.84	-78.9	-61.42	1.55	7.28	H
									H
									H
									H
									H
									V
	1672	-63.14	-13	-50.14	-76.46	-64.82	0.99	4.82	V
	2504	-59.45	-13	-46.45	-77.91	-61.41	1.29	5.40	V
	3336	-58.03	-13	-45.03	-78.97	-61.61	1.55	7.28	V
									V
									V
									V



LTE CA Band 5B / 5+10MHz / QPSK,1RB24+1RB0									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1678	-62.74	-13	-49.74	-76.39	-64.4	0.99	4.80	H
	2517	-58.73	-13	-45.73	-77.52	-60.7	1.30	5.41	H
	3356	-57.44	-13	-44.44	-78.59	-61.1	1.56	7.37	H
									H
									H
									H
									H
	1678	-63.44	-13	-50.44	-76.2	-65.1	0.99	4.80	V
	2517	-59.13	-13	-46.13	-77.52	-61.1	1.30	5.41	V
	3356	-58.14	-13	-45.14	-78.83	-61.8	1.56	7.37	V
									V
									V
									V
									V

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



### LTE CA Band 7C

LTE CA Band 7C / 20+10MHz / QPSK,1RB99+1RB0										
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)	
Lowest	5040	-48.76	-25	-23.76	-73.52	-56.1	2.36	9.70	H	
	7560	-53.07	-25	-28.07	-81.86	-62.5	2.41	11.84	H	
	10080	-48.96	-25	-23.96	-82.16	-58.5	2.70	12.23	H	
										H
										H
										H
										H
	5040	-47.06	-25	-22.06	-72.06	-54.4	2.36	9.70	V	
	7560	-52.87	-25	-27.87	-81.18	-62.3	2.41	11.84	V	
	10080	-49.26	-25	-24.26	-82.55	-58.8	2.70	12.23	V	
										V
										V
										V
										V
Middle	5076	-47.78	-25	-22.78	-72.6	-55.1	2.38	9.70	H	
	7620	-53.02	-25	-28.02	-81.96	-62.5	2.39	11.87	H	
	10160	-48.63	-25	-23.63	-82.13	-58.2	2.70	12.26	H	
										H
										H
										H
										H
										V
	5076	-45.38	-25	-20.38	-70.46	-52.7	2.38	9.70	V	
	7620	-52.82	-25	-27.82	-81.73	-62.3	2.39	11.87	V	
	10160	-48.63	-25	-23.63	-82.19	-58.2	2.70	12.26	V	
										V
										V
										V



LTE CA Band 7C / 20+10MHz / QPSK,1RB99+1RB0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5118	-48.80	-25	-23.80	-73.83	-56.1	2.40	9.70	H
	7680	-52.96	-25	-27.96	-82	-62.5	2.37	11.91	H
	10240	-48.50	-25	-23.50	-82.21	-58.1	2.69	12.30	H
									H
									H
									H
									H
	5118	-46.30	-25	-21.30	-71.44	-53.6	2.40	9.70	V
	7650	-53.09	-25	-28.09	-82.05	-62.6	2.38	11.89	V
	10206	-48.11	-25	-23.11	-81.79	-57.7	2.70	12.28	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



### LTE CA Band 38C

LTE CA Band 38C / 15+15MHz / QPSK,1RB74+1RB0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5172	-49.84	-25	-24.84	-74.96	-57.1	2.44	9.70	H
	7755	-53.19	-25	-28.19	-82.49	-62.8	2.35	11.95	H
	10340	-48.06	-25	-23.06	-82.34	-57.7	2.69	12.34	H
									H
									H
									H
									H
	5172	-44.94	-25	-19.94	-70.41	-52.2	2.44	9.70	V
	7755	-52.89	-25	-27.89	-82.17	-62.5	2.35	11.95	V
	10340	-48.86	-25	-23.86	-82.67	-58.5	2.69	12.34	V
									V
									V
									V
									V
Middle	5190	-49.35	-25	-24.35	-74.41	-56.6	2.45	9.70	H
	7785	-53.17	-25	-28.17	-82.46	-62.8	2.34	11.97	H
	10380	-48.84	-25	-23.84	-82.75	-58.5	2.69	12.35	H
									H
									H
									H
									H
									V
	5190	-46.35	-25	-21.35	-71.42	-53.6	2.45	9.70	V
	7785	-52.87	-25	-27.87	-82.07	-62.5	2.34	11.97	V
	10380	-48.84	-25	-23.84	-82.75	-58.5	2.69	12.35	V
									V
									V
									V



LTE CA Band 38C / 15+15MHz / QPSK,1RB74+1RB0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5208	-48.36	-25	-23.36	-73.75	-55.6	2.46	9.70	H
	7815	-52.54	-25	-27.54	-82.33	-62.2	2.33	11.99	H
	10420	-47.83	-25	-22.83	-82	-57.5	2.69	12.37	H
									H
									H
									H
									H
	5208	-45.56	-25	-20.56	-70.66	-52.8	2.46	9.70	V
	7815	-52.84	-25	-27.84	-81.92	-62.5	2.33	11.99	V
	10420	-47.83	-25	-22.83	-82.3	-57.5	2.69	12.37	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.