



FCC RADIO TEST REPORT

FCC ID : PU5-TP00132B
Equipment : Notebook Computer
Brand Name : Lenovo
Model Name : TP00132B
Applicant : Wistron Corporation
21F, No. 88, Sec. 1, Hsin Tai Wu Rd., Hsichih
Dist, New Taipei City 221, Taiwan
Manufacturer : Lenovo PC HK Limited.
23/F, Lincoln House, Taikoo Place, 979 King's
Road, Quarry Bay, Hong Kong, China
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27

Equipment: Fibocom FM350-GL tested inside of Lenovo Notebook Computer.

The product was received on Jan. 28, 2022 and testing was started from Feb. 25, 2022 to Mar. 24, 2022. We, Sporton International Inc. Wensan 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 of Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory



Table of Contents

History of this test report..... 3

Summary of Test Result..... 4

1 General Description 6

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

 1.2 Product Specification of Equipment Under Test..... 8

 1.3 Modification of EUT 9

 1.4 Testing Location 10

 1.5 Applicable Standards..... 10

2 Test Configuration of Equipment Under Test 11

 2.1 Test Mode..... 11

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

 2.3 Support Unit used in test configuration and system 14

 2.4 Frequency List of Low/Middle/High Channels 15

3 Conducted Test Items..... 24

 3.1 Measuring Instruments 24

 3.2 Conducted Output Power and ERP/EIRP 25

4 Radiated Test Items 26

 4.1 Measuring Instruments 26

 4.2 Radiated Spurious Emission Measurement 28

5 List of Measuring Equipment..... 29

6 Uncertainty of Evaluation..... 31

Appendix A. Test Results of Conducted Test

Appendix B. Test Results of Radiated Test

Appendix C. Test Setup Photographs



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
	§22.913 (a)(5)	Effective Radiated Power (Band 5) (Band 26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
-	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	-	See Note
-	§2.1049	Occupied Bandwidth	-	See Note
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	-	See Note
-	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	-	See Note
-	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
-	§2.1055 §22.355 §24.235 §27.54	Frequency Stability Temperature & Voltage	-	See Note



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	Under limit 4.74 dB at 1564.000 MHz
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		

Note:

1. The certified module (model: FM350-GL) which supports normal mode and TX switching mode being integrated into a notebook computer. Spot check on both modes were performed and no degradation occur. Thus the module test results were leveraged in this report and additionally reporting the spot check results in this report.
2. In normal mode, Conducted power was verified to be consistent with the original modular approval, so the output power level in the original modular grant is referenced in this report for determining ERP/EIRP of this host product, and verified the TX switching mode of Radiated Spurious Emission and Conducted power.

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: Sheng Kuo

Report Producer: Cindy Liu



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Notebook Computer
Brand Name	Lenovo
Model Name	TP00132B
FCC ID	PU5-TP00132B
Sample 1	EUT with AVX/ Ethertronics Antenna
Sample 2	EUT with LUXSHARE-ICT Antenna
EUT supports Radios application	WCDMA/HSPA/LTE/5G NR/GNSS
EUT Stage	Production Unit

Remark:

1. The above EUT's information was declared by manufacturer.
2. Equipment: Fibocom FM350-GL tested inside of Lenovo Notebook Computer.

	Normal mode	TX switching mode
	TX/RX	TX/RX
Ant_0 (Main)	WCDMA : 2/4/5 LTE : 2/4/5/7/12/13/14/17/25/26/30/38/66/71 NR : 2/5/7/25/30/38/66/71	WCDMA : 5 LTE : 5/12/13/14/17/26/41/48/71 NR : 5/41/71/77/78
Ant_2 (MIMO2)	LTE : 41/48 NR : 41/77/78	WCDMA : 2/4 LTE : 2/4/7/25/30/38/66 NR : 2/7/25/30/38/66



WWAN Antenna Information				
Main Antenna	Manufacturer	AVX/ Ethertronics	Peak gain (dBi)	LTE Band 2 : 1.92 LTE Band 4 : 1.56 LTE Band 5 : 0.33 LTE Band 7 : 1.76 LTE Band 12 : 0.95 LTE Band 13 : 1.73 LTE Band 17 : 1.01 LTE Band 25 : 1.85 LTE Band 26 : 0.79 LTE Band 38 : 1.82 LTE Band 41 : 1.81 LTE Band 66 : 1.69 LTE Band 71 : 0.40
	Part number	SA31F29287AA	Type	PIFA
	Manufacturer	LUXSHARE-ICT	Peak gain (dBi)	LTE Band 2 : 0.20 LTE Band 4 : 1.10 LTE Band 5 : -3.00 LTE Band 7 : -1.90 LTE Band 12 : 0.60 LTE Band 13 : 0.20 LTE Band 17 : 0.60 LTE Band 25 : 0.20 LTE Band 26 : -2.70 LTE Band 38 : -0.70 LTE Band 41 : -0.70 LTE Band 66 : 1.10 LTE Band 71 : -0.50
	Part number	SA31F29290AA	Type	PIFA
MIMO 2 Antenna	Manufacturer	AVX/ Ethertronics	Peak gain (dBi)	LTE Band 2 : 1.86 LTE Band 4 : 1.57 LTE Band 7 : 1.85 LTE Band 25 : 1.91 LTE Band 38 : 1.54 LTE Band 41 : 1.93 LTE Band 66 : 1.57
	Part number	SA31F29288AA	Type	PIFA
	Manufacturer	LUXSHARE-ICT	Peak gain (dBi)	LTE Band 2 : 1.50 LTE Band 4 : 1.90 LTE Band 7 : -1.10 LTE Band 25 : 1.60 LTE Band 38 : 0.80 LTE Band 41 : 0.30 LTE Band 66 : 1.90
	Part number	SA31F29291AA	Type	PIFA

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



1.2 Product Specification of Equipment Under Test

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



Product Specification is subject to this standard	
Maximum Output Power to Antenna	<Main Antenna> LTE Band 2 : 22.46 dBm LTE Band 4 : 22.46 dBm LTE Band 5 : 23.67 dBm LTE Band 5B : 22.99 dBm LTE Band 7 : 22.58 dBm LTE Band 7C : 21.74 dBm LTE Band 12 : 24.02 dBm LTE Band 13 : 23.67 dBm LTE Band 17 : 23.86 dBm LTE Band 25 : 22.46 dBm LTE Band 26 : 23.70 dBm LTE Band 38 : 23.39 dBm LTE Band 38C : 21.70 dBm LTE Band 41 : 21.79 dBm LTE Band 41 : 24.78 dBm for HPUE LTE Band 41C : 24.92 dBm for HPUE LTE Band 66 : 22.86 dBm LTE Band 66B : 22.66 dBm LTE Band 66C : 22.28 dBm LTE Band 71 : 23.81 dBm <MIMO 2 Antenna> LTE Band 2 : 23.58 dBm LTE Band 4 : 23.94 dBm LTE Band 7 : 23.89 dBm LTE Band 7C : 22.24 dBm LTE Band 25 : 23.63 dBm LTE Band 38 : 22.67 dBm LTE Band 38C : 22.06 dBm LTE Band 41 : 26.40 dBm for HPUE LTE Band 41C : 21.90 dBm LTE Band 41C : 26.32 dBm for HPUE LTE Band 66 : 23.97 dBm LTE Band 66B : 22.17 dBm LTE Band 66C : 22.06 dBm
	Type of Modulation

1.3 Modification of EUT

No modifications are made to the EUT during all test items.



1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan
Test Site No.	Sporton Site No.
	TH03-HY (TAF Code: 1190)
Test Engineer	Nina Cheng
Temperature	22~25°C
Relative Humidity	52~54%
Remark	The Conducted test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory.

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan
Test Site No.	Sporton Site No.
	03CH12-HY
Test Engineer	Jack Cheng, Lance Chiang and Chuan Chu
Temperature	21.6~26.2
Relative Humidity	56~68

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

FCC designation No.: TW1190 and TW3786

1.5 Applicable Standards

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

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

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

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



Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
E.R.P / E.I.R.P	2	v	v	v	v	v	v	v	v	v	v	Max. Power					
	4	v	v	v	v	v	v	v	v	v	v						
	5	v	v	v	v	-	-	v	v	v							
	7	-	-	v	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	v						
	26	v	v	v	v	v	-	v	v	v							
	38	-	-	v	v	v	v	v	v	v	v						
	41	-	-	v	v	v	v	v	v	v	v						
	66	v	v	v	v	v	v	v	v	v	v						
	71	-	-	v	v	v	v	v	v	v							
Radiated Spurious Emission	2	Covered by Band 25															
	4	Covered by Band 66															
	5	Covered by Band 26															
	7	-	-				v	v				v			v	v	v
	12				v	-	-	v				v			v	v	v
	13	-	-	v	v	-	-	v				v			v	v	v
	17	Covered by Band 12															
	25						v	v				v			v	v	v
	26					v	-	v				v			v	v	v
	38	-	-				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"> The mark "v" means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. Wider operating range bandwidth covers narrower one when the power is higher or the same. For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation (QPSK/16QAM/64QAM), therefore, for Normal Mode, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report. All the radiated test cases were performed with Adapter (ADL170SDC3A). 																

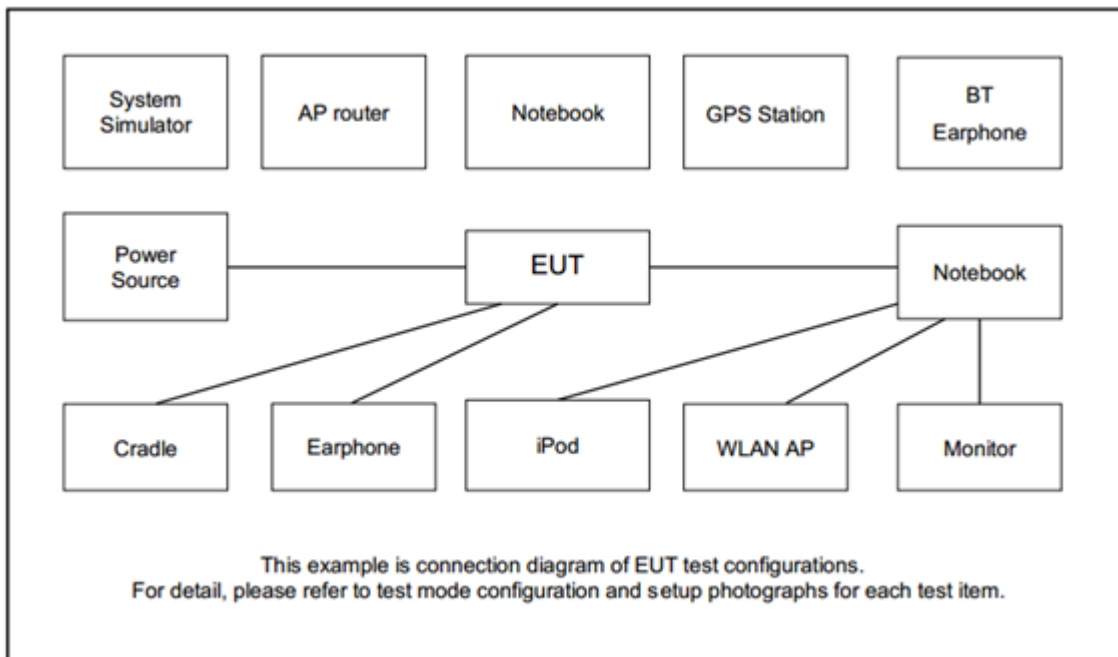


Test Items	Band	Bandwidth (MHz)					Modulation				RB #			Test Channel		
		3+5	5+3	5+10	10+5	10+10	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	5B_CA	-	-			v	v	v	v		v		v	v	v	v
E.R.P.	5B_CA	-	-			v	v	v	v		Max. Power					
Radiated Spurious Emission	5B_CA					v	v				v			v	v	v
Remark	<ol style="list-style-type: none"> The mark "v" means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation (QPSK/16QAM/64QAM), therefore, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report. All the radiated test cases were performed with Adapter (ADL170SDC3A). 															

Test Items	Band	Bandwidth (MHz)										Modulation				RB #			Test Channel		
		20+20	20+15	15+20	20+10	10+20	20+5	5+20	15+15	15+10	10+15	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	7C_CA	v	v	v	v	v	-	-	v	v	-	v	v	v		v		v	v	v	v
	38C_CA	v							v			v	v	v		v		v	v	v	v
	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v		v		v	v	v	v
	66C_CA		v		v	v	v	v	v	v	v	v	v	v		v		v	v	v	v
E.I.R.P.	7C_CA	v	v	v	v	v	-	-	v	v	-	v	v	v		Max. Power					
	38C_CA	v							v			v	v	v							
	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v							
	66C_CA		v		v	v	v	v	v	v	v	v	v	v							
Radiated Spurious Emission	7C_CA	v										v				v			v	v	v
	38C_CA	Covered by Band 41C																			
	41C_CA	v										v				v			v	v	v
	66C_CA	v										v				v			v	v	v
Remark	<ol style="list-style-type: none"> The mark "v" means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. Wider operating range bandwidth covers narrower one when the power is higher or the same. For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation (QPSK/16QAM/64QAM), therefore, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report. All the radiated test cases were performed with Adapter (ADL170SDC3A). 																				

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		5+5	5+10	10+5	5+15	15+5	10+10	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	66B_CA					v		v	v	v		v			v	v	v
E.I.R.P.	66B_CA					v		v	v	v		Max. Power					
Radiated Spurious Emission	66B_CA						v	v				v			v	v	v
Remark	<ol style="list-style-type: none"> The mark "v " means that this configuration is chosen for testing The mark "- " means that this bandwidth is not supported. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation (QPSK/16QAM/64QAM), therefore, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report. All the radiated test cases were performed with Adapter (ADL170SDC3A). 																

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	Anritsu	MT8000A	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	
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829.0	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844.0



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



LTE Band 38C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	37850	37901	37952
		Frequency	2580.0	2585.1	2590.2
	SCC	Channel	38048	38099	38150
		Frequency	2599.8	2604.9	2610.0
15+ 15	PCC	Channel	37825	37925	38025
		Frequency	2577.5	2587.5	2597.5
	SCC	Channel	37975	38075	38175
		Frequency	2592.5	2602.5	2612.5

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



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

LTE Band 66B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
15 + 5	PCC	Channel	132047	132398	132549
		Frequency	1717.5	1752.6	1767.7
	SCC	Channel	132140	133391	132642
		Frequency	1726.8	1761.9	1777.0
10 + 10	PCC	Channel	132022	132373	135523
		Frequency	1715.0	1750.1	1765.1
	SCC	Channel	132121	133372	132622
		Frequency	1724.9	1760.0	1775.0



LTE Band 66C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	133371	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	133393	132619
		Frequency	1729.5	1761.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	131171	133372	132572
		Frequency	1729.9	1760.0	1770.0
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720.0	1750.1	1760.1
	SCC	Channel	132216	133417	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	133397	132597
		Frequency	1732.5	1762.5	1772.5
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720.0	1747.6	1755.1
	SCC	Channel	132243	133419	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720.0	1752.5	1765.0
	SCC	Channel	132189	133414	132639
		Frequency	1731.7	1764.2	1776.7
5 + 20	PCC	Channel	132005	132330	132455
		Frequency	1713.3	1745.8	1758.3
	SCC	Channel	132122	132447	132572
		Frequency	1725.0	1757.5	1770.0
20 + 20	PCC	Channel	132072	132323	132374
		Frequency	1720.0	1745.1	1750.2
	SCC	Channel	132270	133421	132572
		Frequency	1739.8	1764.9	1770.0

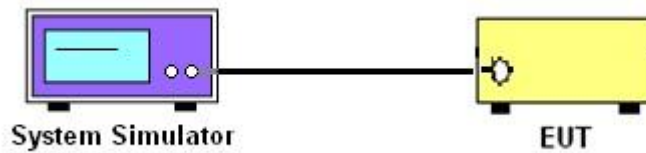
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



3.1.3 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, Band 13, Band 17 and Band 71

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2, Band 25, Band 7, 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.

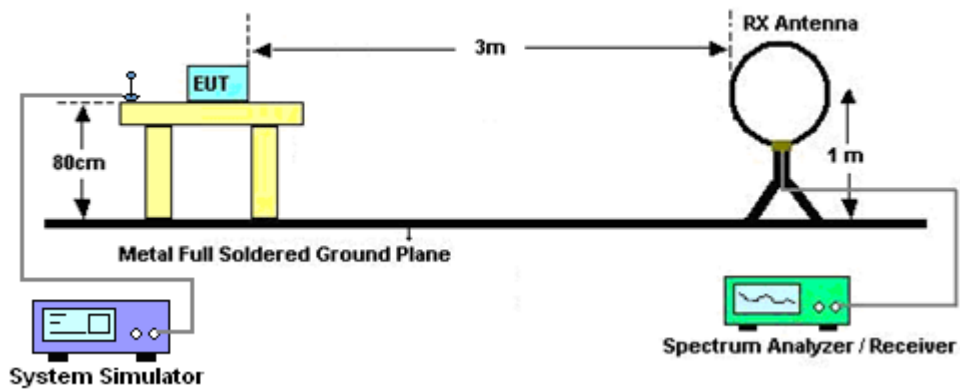
4 Radiated Test Items

4.1 Measuring Instruments

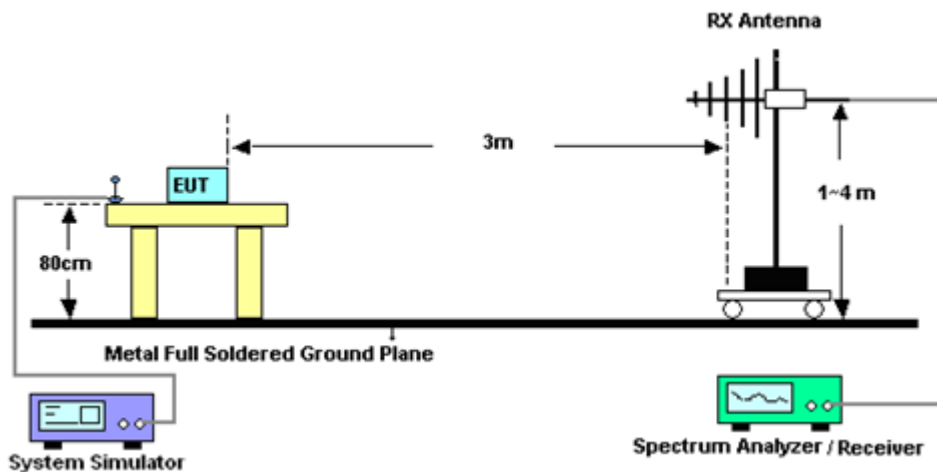
See list of measuring instruments of this test report.

4.1.1 Test Setup

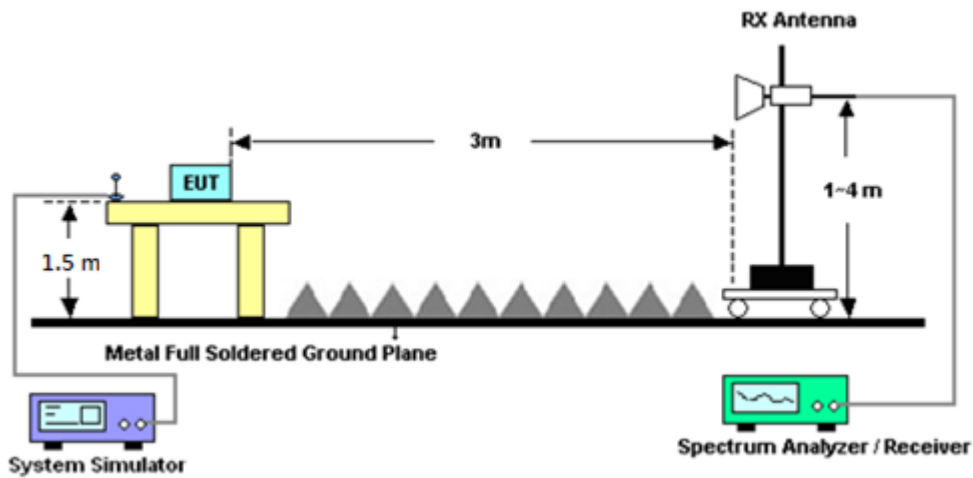
For radiated test below 30MHz



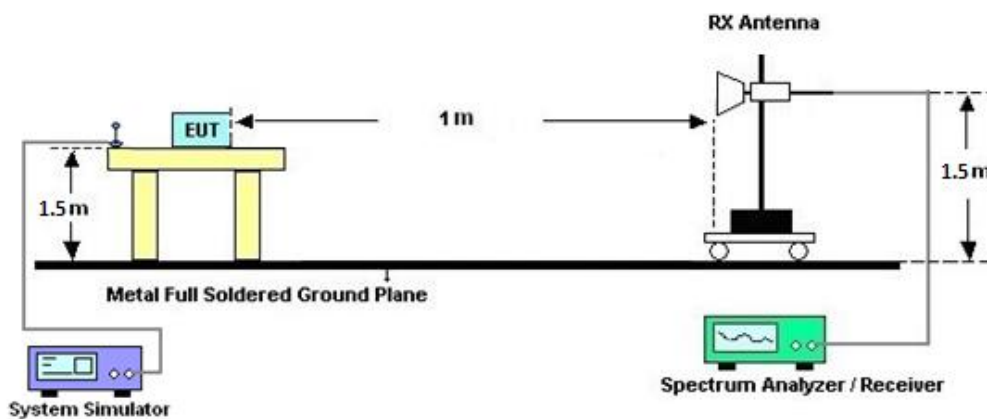
For radiated test from 30MHz to 1GHz



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
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 07, 2021	Mar. 05, 2022~ Mar. 23, 2022	Sep. 06, 2022	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	37059 & 01	30MHz~1GHz	Oct. 09, 2021	Mar. 05, 2022~ Mar. 23, 2022	Oct. 08, 2022	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 09, 2021	Mar. 05, 2022~ Mar. 23, 2022	Oct. 08, 2022	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1328	1GHz~18GHz	Dec. 03, 2021	Mar. 05, 2022~ Mar. 23, 2022	Dec. 02, 2022	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1212	1GHz~18GHz	May 18, 2021	Mar. 05, 2022~ Mar. 23, 2022	May 17, 2022	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Nov. 30, 2021	Mar. 05, 2022~ Mar. 23, 2022	Nov. 29, 2022	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA917057 6	18GHz~40GHz	May 21, 2021	Mar. 05, 2022~ Mar. 23, 2022	May 20, 2022	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 24, 2021	Mar. 05, 2022~ Mar. 22, 2022	Mar. 23, 2022	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 23, 2022	Mar. 23, 2022	Mar. 22, 2023	Radiation (03CH12-HY)
Preamplifier	Aglient	8449B	3008A02375	1GHz~26.5GHz	May 25, 2021	Mar. 05, 2022~ Mar. 23, 2022	May 24, 2022	Radiation (03CH12-HY)
Preamplifier	E-INSTRUME NT TECH LTD.	ERA-100M-18 G-56-01-A70	EC1900270	1GHz-18GHz	Dec. 27, 2021	Mar. 05, 2022~ Mar. 23, 2022	Dec. 26, 2022	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	Mar. 05, 2022~ Mar. 23, 2022	Dec. 23, 2022	Radiation (03CH12-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 15, 2021	Mar. 05, 2022~ Mar. 23, 2022	Oct. 14, 2022	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 11, 2021	Mar. 05, 2022~ Mar. 09, 2022	Mar. 10, 2022	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 10, 2022	Mar. 10, 2022~ Mar. 23, 2022	Mar. 09, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 10, 2021	Mar. 05, 2022~ Mar. 23, 2022	Dec. 09, 2022	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Feb. 21, 2022	Mar. 05, 2022~ Mar. 23, 2022	Feb. 20, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz~40GHz	Feb. 21, 2022	Mar. 05, 2022~ Mar. 07, 2022	Feb. 20, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803953/2	30MHz~40GHz	Mar. 08, 2022	Mar. 08, 2022~ Mar. 23, 2022	Mar. 07, 2023	Radiation (03CH12-HY)
Filter	Wainwright	WLKS1200-12 SS	SN2	1.2GHz Low Pass Filter	Mar. 17, 2021	Mar. 05, 2022~ Mar. 15, 2022	Mar. 16, 2022	Radiation (03CH12-HY)
Filter	Wainwright	WLKS1200-12 SS	SN2	1.2GHz Low Pass Filter	Mar. 16, 2022	Mar. 16, 2022~ Mar. 23, 2022	Mar. 15, 2023	Radiation (03CH12-HY)
Filter	Wainwright	WHKX12-1080 -1200-15000-6 0SS	SN1	1.2GHz High Pass Filter	Mar. 17, 2021	Mar. 05, 2022~ Mar. 15, 2022	Mar. 16, 2022	Radiation (03CH12-HY)
Filter	Wainwright	WHKX12-1080 -1200-15000-6 0SS	SN1	1.2GHz High Pass Filter	Mar. 16, 2022	Mar. 16, 2022~ Mar. 23, 2022	Mar. 15, 2023	Radiation (03CH12-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0ST	SN2	3GHz High Pass Filter	Jul. 12, 2021	Mar. 05, 2022~ Mar. 23, 2022	Jul. 11, 2022	Radiation (03CH12-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN2	6.75GHz High Pass Filter	Mar. 17, 2021	Mar. 05, 2022~ Mar. 15, 2022	Mar. 16, 2022	Radiation (03CH12-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN2	6.75GHz High Pass Filter	Mar. 16, 2022	Mar. 16, 2022~ Mar. 23, 2022	Mar. 15, 2023	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP140349	N/A	Sep. 30, 2021	Mar. 05, 2022~ Mar. 23, 2022	Sep. 29, 2022	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Mar. 05, 2022~ Mar. 23, 2022	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Mar. 05, 2022~ Mar. 23, 2022	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Mar. 05, 2022~ Mar. 23, 2022	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Mar. 05, 2022~ Mar. 23, 2022	N/A	Radiation (03CH12-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6201664755	2/3/4G/LTE FDD/TDD with44)/LTE-3C C DLCA/2CC ULCA, CatM1/NB1/NB2	Jul. 21, 2021	Feb. 25, 2022~ Mar. 24, 2022	Jul. 20, 2022	Conducted (TH03-HY)



6 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.10 dB
-------------------------------------------------------------------------	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.39 dB
-------------------------------------------------------------------------	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.34 dB
-------------------------------------------------------------------------	---------



Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

<Main Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.39	22.42	22.43	24.13	0.2588
20	1	49		22.46	22.38	22.33		
20	1	99		22.34	22.36	22.40		
20	50	0		21.60	21.49	21.47		
20	50	24		21.54	21.46	21.45		
20	50	50		21.50	21.37	21.29		
20	100	0		21.55	21.54	21.31		
20	1	0	16-QAM	21.79	21.68	21.93	23.60	0.2291
20	1	0	64-QAM	20.73	20.71	20.64	22.42	0.1746
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.39	22.41	22.26	24.09	0.2564
15	1	0	16-QAM	21.90	22.00	21.61	23.67	0.2328
15	1	0	64-QAM	20.48	20.77	20.59	22.44	0.1754
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.41	22.43	22.29	24.10	0.2570
10	1	0	16-QAM	21.64	22.00	21.73	23.67	0.2328
10	1	0	64-QAM	20.53	20.29	20.21	22.33	0.1710
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.38	22.30	22.27	24.07	0.2553
5	1	0	16-QAM	21.62	21.64	21.74	23.63	0.2307
5	1	0	64-QAM	20.75	20.65	20.57	22.45	0.1758
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.34	22.37	22.14	24.07	0.2553
3	1	0	16-QAM	21.47	22.07	21.43	23.74	0.2366
3	1	0	64-QAM	20.75	20.72	20.51	22.52	0.1786
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.30	22.20	22.05	24.00	0.2512
1.4	1	0	16-QAM	21.16	21.71	21.20	23.38	0.2178
1.4	1	0	64-QAM	20.49	20.51	20.29	22.31	0.1702
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.85 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.42	22.46	22.35	24.31	0.2698
20	1	49		22.40	22.36	22.32		
20	1	99		22.17	22.20	22.10		
20	50	0		21.54	21.56	21.36		
20	50	24		21.46	21.40	21.34		
20	50	50		21.44	21.35	21.20		
20	100	0		21.38	21.40	21.26		
20	1	0	16-QAM	21.47	21.42	21.46	23.64	0.2312
20	1	0	64-QAM	20.40	20.43	20.31	22.57	0.1807
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.85 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.31	22.45	22.25	24.30	0.2692
15	1	0	16-QAM	21.68	21.81	21.42	23.66	0.2323
15	1	0	64-QAM	20.64	20.62	20.41	22.49	0.1774
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.85 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.34	22.42	22.20	24.28	0.2679
10	1	0	16-QAM	21.38	21.37	21.50	23.61	0.2296
10	1	0	64-QAM	20.64	20.48	20.61	22.49	0.1774
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.85 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.41	22.45	22.19	24.30	0.2692
5	1	0	16-QAM	21.53	21.84	21.48	23.69	0.2339
5	1	0	64-QAM	20.61	20.52	20.44	22.58	0.1811
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.85 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.36	22.44	22.24	24.30	0.2692
3	1	0	16-QAM	21.79	21.47	21.61	23.65	0.2317
3	1	0	64-QAM	20.24	20.48	20.45	22.51	0.1782
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.85 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.17	22.26	22.06	24.16	0.2606
1.4	1	0	16-QAM	21.71	21.69	21.42	23.56	0.2270
1.4	1	0	64-QAM	20.58	20.72	20.26	22.57	0.1807
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.56 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.20	22.25	22.37	24.02	0.2523
20	1	49		22.23	22.32	22.46		
20	1	99		22.13	22.20	22.30		
20	50	0		21.24	21.38	21.40		
20	50	24		21.37	21.39	21.45		
20	50	50		21.27	21.38	21.44		
20	100	0		21.25	21.34	21.43		
20	1	0	16-QAM	21.39	21.82	21.59	23.38	0.2178
20	1	0	64-QAM	20.48	20.15	20.34	22.26	0.1683
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.56 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.26	22.32	22.37	23.93	0.2472
15	1	0	16-QAM	21.41	21.53	21.61	23.17	0.2075
15	1	0	64-QAM	20.52	20.58	20.63	22.19	0.1656
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.56 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.32	22.43	22.38	24.01	0.2518
10	1	0	16-QAM	21.45	21.61	21.63	23.45	0.2213
10	1	0	64-QAM	20.32	20.65	20.61	22.30	0.1698
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.56 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.31	22.36	22.35	23.97	0.2495
5	1	0	16-QAM	21.36	21.48	21.79	23.37	0.2173
5	1	0	64-QAM	20.52	20.61	20.18	22.22	0.1667
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.56 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.34	22.22	22.22	23.93	0.2472
3	1	0	16-QAM	21.31	21.46	21.91	23.51	0.2244
3	1	0	64-QAM	20.46	20.63	20.36	22.19	0.1656
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.56 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.22	22.11	22.02	23.78	0.2388
1.4	1	0	16-QAM	21.42	21.28	21.88	23.44	0.2208
1.4	1	0	64-QAM	20.54	20.43	20.45	22.15	0.1641
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.33 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.65	23.55	23.67	21.85	0.1531
10	1	25		23.49	23.47	23.55		
10	1	49		23.47	23.52	23.55		
10	25	0		22.57	22.64	22.65		
10	25	12		22.56	22.63	22.64		
10	25	25		22.54	22.60	22.61		
10	50	0		22.60	22.61	22.62		
10	1	0	16-QAM	23.16	23.24	22.81	21.42	0.1387
10	1	0	64-QAM	21.57	22.03	21.74	20.21	0.1050
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.33 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.57	23.55	23.65	21.83	0.1524
5	1	0	16-QAM	23.19	23.24	23.16	21.42	0.1387
5	1	0	64-QAM	21.50	21.56	21.58	20.07	0.1016
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.33 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.43	23.57	23.65	21.83	0.1524
3	1	0	16-QAM	22.56	22.55	22.59	20.94	0.1242
3	1	0	64-QAM	21.92	22.01	21.72	20.19	0.1045
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.33 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.46	23.35	23.37	21.66	0.1466
1.4	1	0	16-QAM	23.00	22.73	22.62	21.18	0.1312
1.4	1	0	64-QAM	21.42	21.62	21.47	19.93	0.0984
Limit	ERP < 7W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.39	22.43	22.41	24.34	0.2716
20	1	49		22.50	22.58	22.56		
20	1	99		22.32	22.56	22.55		
20	50	0		21.58	21.70	21.69		
20	50	24		21.52	21.69	21.66		
20	50	50		21.57	21.72	21.67		
20	100	0		21.52	21.63	21.62		
20	1	0	16-QAM	21.27	21.37	21.74	23.71	0.2350
20	1	0	64-QAM	20.28	20.04	20.51	22.37	0.1726
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.16	22.24	22.19	24.11	0.2576
15	1	0	16-QAM	21.50	21.51	21.33	23.67	0.2328
15	1	0	64-QAM	20.50	20.36	20.53	22.45	0.1758
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.22	22.37	22.37	24.27	0.2673
10	1	0	16-QAM	21.85	21.80	21.37	23.61	0.2296
10	1	0	64-QAM	20.31	20.34	20.49	22.25	0.1679
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.25	22.38	22.51	24.27	0.2673
5	1	0	16-QAM	21.73	21.80	21.46	23.56	0.2270
5	1	0	64-QAM	20.44	20.42	20.61	22.37	0.1726
Limit	EIRP < 2W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.95 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.69	23.80	23.91	22.82	0.1914
10	1	25		23.83	23.91	23.89		
10	1	49		24.02	23.97	23.95		
10	25	0		22.92	22.87	22.89		
10	25	12		22.86	22.85	22.84		
10	25	25		22.87	22.82	22.85		
10	50	0		22.86	22.81	22.77		
10	1	0	16-QAM	23.25	23.12	23.09	22.05	0.1603
10	1	0	64-QAM	22.00	22.04	22.04	20.84	0.1213
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.95 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.83	23.95	23.77	22.90	0.1950
5	1	0	16-QAM	23.38	23.34	23.35	22.18	0.1652
5	1	0	64-QAM	21.81	21.93	21.82	20.73	0.1183
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.95 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.88	23.86	23.79	22.71	0.1866
3	1	0	16-QAM	23.08	23.12	22.86	21.92	0.1556
3	1	0	64-QAM	22.09	22.16	21.93	20.96	0.1247
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.95 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.57	23.66	23.85	22.69	0.1858
1.4	1	0	16-QAM	23.10	22.97	23.00	21.90	0.1549
1.4	1	0	64-QAM	22.00	21.76	21.88	20.80	0.1202
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = 1.73 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.43	-	23.25	0.2113
10	1	25			23.67			
10	1	49			23.50			
10	25	0			22.40			
10	25	12			22.51			
10	25	25			22.52			
10	50	0			22.47			
10	1	0	16-QAM		22.58		22.16	0.1644
10	1	0	64-QAM		21.67		21.25	0.1334
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = 1.73 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.46	23.45	23.49	23.21	0.2094
5	1	0	16-QAM	22.89	23.01	23.11	22.69	0.1858
5	1	0	64-QAM	21.75	20.96	21.46	21.33	0.1358
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = 1.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.77	23.85	23.83	22.72	0.1871
10	1	25		23.82	23.86	23.84		
10	1	49		23.78	23.77	23.84		
10	25	0		22.81	22.83	22.80		
10	25	12		22.74	22.82	22.73		
10	25	25		22.73	22.76	22.79		
10	50	0		22.76	22.84	22.79		
10	1	0	16-QAM	23.03	23.46	23.45	22.32	0.1706
10	1	0	64-QAM	21.81	22.17	21.51	21.03	0.1268
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = 1.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.84	23.73	23.73	22.70	0.1862
5	1	0	16-QAM	23.12	22.85	22.77	21.98	0.1578
5	1	0	64-QAM	22.19	22.18	21.96	21.05	0.1274
Limit	ERP < 3W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.79 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.49	23.35	23.40	22.34	0.1714
15	1	37		23.40	23.60	23.54		
15	1	74		23.52	23.64	23.70		
15	36	0		22.45	22.47	22.51		
15	36	20		22.57	22.49	22.60		
15	36	39		22.49	22.43	22.55		
15	75	0		22.54	22.49	22.60		
15	1	0	16-QAM	22.37	22.98	22.41	21.62	0.1452
15	1	0	64-QAM	21.77	21.88	21.93	20.57	0.1140
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.79 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.37	23.39	23.52	22.16	0.1644
10	1	0	16-QAM	22.88	22.79	23.23	21.87	0.1538
10	1	0	64-QAM	21.75	21.62	21.80	20.44	0.1107
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.79 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.60	23.64	23.50	22.33	0.1710
5	1	0	16-QAM	22.94	22.86	23.08	21.75	0.1496
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.79 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.53	23.54	23.48	22.18	0.1652
3	1	0	16-QAM	22.53	22.72	23.13	21.77	0.1503
3	1	0	64-QAM	21.61	21.98	21.56	20.62	0.1153
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.79 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.37	23.43	23.47	22.11	0.1626
1.4	1	0	16-QAM	22.54	22.85	22.35	21.49	0.1409
1.4	1	0	64-QAM	21.67	21.64	21.42	20.31	0.1074
Limit	ERP < 7W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.13	22.00	22.07	25.21	0.3319
20	1	49		23.39	22.15	22.24		
20	1	99		22.22	22.11	22.20		
20	50	0		21.27	21.15	21.30		
20	50	24		21.36	21.19	21.32		
20	50	50		21.33	21.17	21.30		
20	100	0		21.29	21.10	21.20		
20	1	0	16-QAM	21.20	21.07	21.10	23.02	0.2004
20	1	0	64-QAM	20.08	20.03	20.05	21.90	0.1549
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.17	22.09	22.08	24.06	0.2547
15	1	0	16-QAM	21.20	21.17	21.08	23.02	0.2004
15	1	0	64-QAM	20.18	20.05	20.14	22.00	0.1585
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.31	22.10	22.09	25.13	0.3258
10	1	0	16-QAM	21.25	21.15	21.24	23.07	0.2028
10	1	0	64-QAM	20.27	20.03	20.20	22.09	0.1618
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.82 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.30	22.13	22.11	24.14	0.2594
5	1	0	16-QAM	21.39	21.20	21.31	23.21	0.2094
5	1	0	64-QAM	20.33	20.14	20.28	22.15	0.1641
Limit	EIRP < 2W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.69 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.69	22.63	22.76	24.55	0.2851
20	1	49		22.79	22.78	22.86		
20	1	99		22.52	22.70	22.75		
20	50	0		22.63	22.76	22.79		
20	50	24		22.79	22.81	22.85		
20	50	50		22.69	22.77	22.81		
20	100	0		22.70	22.81	22.83		
20	1	0	16-QAM	22.70	22.77	22.45	24.46	0.2793
20	1	0	64-QAM	22.15	22.44	22.34	24.38	0.2742
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.69 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.25	22.43	22.28	24.13	0.2588
15	1	0	16-QAM	22.38	22.36	22.63	24.53	0.2838
15	1	0	64-QAM	22.32	22.24	22.64	24.45	0.2786
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.69 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.34	22.42	22.39	24.17	0.2612
10	1	0	16-QAM	22.23	22.53	22.59	24.40	0.2754
10	1	0	64-QAM	22.56	22.75	22.43	24.44	0.2780
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.69 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.24	22.44	22.34	24.15	0.2600
5	1	0	16-QAM	22.43	22.49	22.37	24.49	0.2812
5	1	0	64-QAM	22.41	22.55	22.45	24.46	0.2793
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.69 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.18	22.31	22.42	24.17	0.2612
3	1	0	16-QAM	22.33	22.43	22.47	24.29	0.2685
3	1	0	64-QAM	22.44	22.55	22.61	24.30	0.2692
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.69 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.04	22.19	22.10	23.93	0.2472
1.4	1	0	16-QAM	22.26	22.43	22.35	24.49	0.2812
1.4	1	0	64-QAM	22.28	22.40	22.01	24.18	0.2618
Limit	EIRP < 1W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	23.67	23.62	23.71	22.06	0.1607
20	1	49		23.78	23.81	23.73		
20	1	99		23.54	23.57	23.51		
20	50	0		23.79	23.80	23.76		
20	50	24		23.74	23.76	23.70		
20	50	50		23.60	23.76	23.64		
20	100	0		23.61	23.73	23.72		
20	1	0	16-QAM	23.52	23.57	23.65	21.90	0.1549
20	1	0	64-QAM	23.55	23.44	23.44	21.80	0.1514
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.31	23.36	23.22	21.64	0.1459
15	1	0	16-QAM	23.64	23.68	23.72	21.97	0.1574
15	1	0	64-QAM	23.52	23.50	23.45	21.77	0.1503
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.29	23.39	23.28	21.71	0.1483
10	1	0	16-QAM	23.65	23.66	23.61	21.91	0.1552
10	1	0	64-QAM	23.49	23.47	23.41	21.74	0.1493
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.33	23.40	23.27	21.67	0.1469
5	1	0	16-QAM	23.58	23.72	23.65	21.97	0.1574
5	1	0	64-QAM	23.47	23.58	23.42	21.83	0.1524
Limit	ERP < 3W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.81 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.79	20.67	20.96	23.60	0.2291
20	1	49		21.66	20.65	20.87		
20	1	99		21.72	20.55	20.89		
20	50	0		20.84	19.85	20.11		
20	50	24		20.76	19.81	19.90		
20	50	50		20.76	19.76	19.96		
20	100	0		20.70	19.69	20.01		
20	1	0	16-QAM	20.81	19.61	19.78	22.66	0.1845
20	1	49		20.85	19.67	19.84		
20	1	99		20.62	19.68	20.14		
20	50	0		19.61	18.52	18.91		
20	50	24		19.73	18.64	19.16		
20	50	50		19.94	18.85	18.89		
20	100	0		19.88	18.71	19.02		
20	1	0	64-QAM	19.96	18.59	19.15	21.77	0.1503
20	1	49		19.71	18.77	19.14		
20	1	99		19.86	18.76	19.13		
20	50	0		18.91	17.65	17.77		
20	50	24		18.80	17.56	17.86		
20	50	50		18.93	17.77	17.81		
20	100	0		18.84	17.58	17.87		
20	1	0	256-QAM	16.97	15.78	15.94	18.78	0.0755
20	1	49		16.78	15.48	16.01		
20	1	99		16.75	15.87	15.99		
20	50	0		16.63	15.84	15.78		
20	50	24		16.73	15.83	15.79		
20	50	50		16.59	15.57	16.15		
20	100	0		16.67	15.87	16.00		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.81 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.66	20.55	20.96	23.50	0.2239
15	1	37		21.56	20.46	20.75		
15	1	74		21.69	20.47	20.79		
15	36	0		20.66	19.62	19.97		
15	36	20		20.62	19.78	19.83		
15	36	39		20.58	19.58	19.78		
15	75	0		20.69	19.51	19.96		
15	1	0	16-QAM	20.74	19.46	19.71	22.55	0.1799
15	1	37		20.69	19.48	19.69		
15	1	74		20.62	19.64	20.03		
15	36	0		19.48	18.51	18.80		
15	36	20		19.64	18.52	19.05		
15	36	39		19.92	18.68	18.73		
15	75	0		19.75	18.51	18.97		
15	1	0	64-QAM	19.80	18.53	18.96	21.61	0.1449
15	1	37		19.51	18.69	18.99		
15	1	74		19.75	18.72	19.13		
15	36	0		18.81	17.57	17.75		
15	36	20		18.68	17.47	17.73		
15	36	39		18.88	17.77	17.65		
15	75	0		18.83	17.51	17.79		
15	1	0	256-QAM	16.95	15.73	15.94	18.76	0.0752
15	1	37		16.60	15.43	15.92		
15	1	74		16.70	15.77	15.94		
15	36	0		16.46	15.79	15.76		
15	36	20		16.71	15.80	15.79		
15	36	39		16.44	15.56	16.12		
15	75	0		16.50	15.84	16.00		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.81 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.70	20.67	20.93	23.51	0.2244
10	1	25		21.63	20.57	20.80		
10	1	49		21.65	20.55	20.84		
10	25	0		20.79	19.64	19.91		
10	25	12		20.60	19.71	19.84		
10	25	25		20.68	19.62	19.92		
10	50	0		20.54	19.65	19.99		
10	1	0	16-QAM	20.62	19.41	19.60	22.53	0.1791
10	1	25		20.72	19.56	19.70		
10	1	49		20.62	19.64	19.99		
10	25	0		19.57	18.39	18.85		
10	25	12		19.70	18.61	19.13		
10	25	25		19.78	18.78	18.75		
10	50	0		19.87	18.53	18.83		
10	1	0	64-QAM	19.92	18.41	19.12	21.73	0.1489
10	1	25		19.65	18.59	19.06		
10	1	49		19.66	18.66	18.98		
10	25	0		18.90	17.54	17.63		
10	25	12		18.79	17.56	17.68		
10	25	25		18.73	17.57	17.76		
10	50	0		18.75	17.49	17.81		
10	1	0	256-QAM	16.79	15.71	15.93	18.60	0.0724
10	1	25		16.69	15.32	15.88		
10	1	49		16.58	15.69	15.84		
10	25	0		16.48	15.64	15.78		
10	25	12		16.61	15.83	15.67		
10	25	25		16.42	15.56	16.15		
10	50	0		16.61	15.85	15.97		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.81 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.79	20.49	20.77	23.60	0.2291
5	1	12		21.47	20.46	20.72		
5	1	24		21.55	20.38	20.83		
5	12	0		20.81	19.65	19.97		
5	12	7		20.69	19.64	19.77		
5	12	13		20.70	19.61	19.85		
5	25	0		20.57	19.56	19.83		
5	1	0	16-QAM	20.78	19.58	19.78	22.59	0.1816
5	1	12		20.66	19.53	19.82		
5	1	24		20.56	19.66	20.13		
5	12	0		19.58	18.38	18.84		
5	12	7		19.69	18.46	19.14		
5	12	13		19.91	18.67	18.77		
5	25	0		19.83	18.60	18.83		
5	1	0	64-QAM	19.87	18.52	19.05	21.68	0.1472
5	1	12		19.65	18.76	18.99		
5	1	24		19.74	18.61	18.93		
5	12	0		18.78	17.63	17.57		
5	12	7		18.68	17.36	17.72		
5	12	13		18.85	17.69	17.72		
5	25	0		18.66	17.49	17.78		
5	1	0	256-QAM	16.77	15.63	15.94	18.58	0.0721
5	1	12		16.67	15.45	15.87		
5	1	24		16.55	15.80	15.99		
5	12	0		16.55	15.82	15.73		
5	12	7		16.53	15.82	15.63		
5	12	13		16.46	15.42	15.95		
5	25	0		16.51	15.75	15.99		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.81 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.78	23.67	24.00	26.59	0.4560
20	1	49		24.58	23.52	24.00		
20	1	99		24.62	23.60	23.89		
20	50	0		23.87	22.68	22.84		
20	50	24		23.82	22.49	22.83		
20	50	50		23.67	22.77	23.15		
20	100	0		23.58	22.63	23.01		
20	1	0	16-QAM	23.97	22.62	23.20	25.78	0.3784
20	1	49		23.65	22.85	23.19		
20	1	99		23.95	22.87	22.95		
20	50	0		22.73	21.80	22.09		
20	50	24		22.85	21.76	21.97		
20	50	50		22.68	21.59	22.14		
20	100	0		22.90	21.61	21.98		
20	1	0	64-QAM	22.78	21.85	22.19	24.59	0.2877
20	1	49		22.59	21.84	22.08		
20	1	99		22.58	21.62	22.07		
20	50	0		21.72	20.77	21.05		
20	50	24		21.86	20.80	20.95		
20	50	50		21.76	20.72	20.93		
20	100	0		21.97	20.61	20.80		
20	1	0	256-QAM	19.70	18.64	19.07	21.79	0.1510
20	1	49		19.64	18.48	18.85		
20	1	99		19.95	18.56	18.88		
20	50	0		19.98	18.85	18.86		
20	50	24		19.92	18.66	19.20		
20	50	50		19.64	18.71	18.81		
20	100	0		19.76	18.50	19.02		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.81 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.62	23.52	23.99	26.43	0.4395
15	1	37		24.52	23.41	23.99		
15	1	74		24.45	23.50	23.73		
15	36	0		23.84	22.63	22.68		
15	36	20		23.80	22.48	22.75		
15	36	39		23.54	22.61	23.14		
15	75	0		23.41	22.50	22.88		
15	1	0	16-QAM	23.89	22.46	23.01	25.70	0.3715
15	1	37		23.54	22.70	23.11		
15	1	74		23.78	22.69	22.95		
15	36	0		22.59	21.61	21.94		
15	36	20		22.81	21.61	21.97		
15	36	39		22.52	21.40	22.11		
15	75	0		22.78	21.52	21.82		
15	1	0	64-QAM	22.61	21.79	22.19	24.42	0.2767
15	1	37		22.53	21.82	21.99		
15	1	74		22.41	21.51	21.88		
15	36	0		21.67	20.60	21.04		
15	36	20		21.80	20.68	20.87		
15	36	39		21.75	20.54	20.77		
15	75	0		21.81	20.43	20.63		
15	1	0	256-QAM	19.69	18.60	18.93	21.68	0.1472
15	1	37		19.60	18.32	18.72		
15	1	74		19.78	18.46	18.77		
15	36	0		19.87	18.80	18.81		
15	36	20		19.80	18.56	19.19		
15	36	39		19.50	18.52	18.62		
15	75	0		19.58	18.40	18.83		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.81 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.76	23.66	23.95	26.57	0.4539
10	1	25		24.53	23.34	23.82		
10	1	49		24.58	23.40	23.77		
10	25	0		23.70	22.58	22.82		
10	25	12		23.76	22.35	22.64		
10	25	25		23.53	22.77	23.00		
10	50	0		23.51	22.54	22.94		
10	1	0	16-QAM	23.97	22.61	23.19	25.78	0.3784
10	1	25		23.60	22.69	23.11		
10	1	49		23.80	22.80	22.91		
10	25	0		22.62	21.67	22.05		
10	25	12		22.84	21.73	21.88		
10	25	25		22.61	21.52	21.99		
10	50	0		22.90	21.53	21.97		
10	1	0	64-QAM	22.69	21.82	22.17	24.50	0.2818
10	1	25		22.59	21.83	22.05		
10	1	49		22.52	21.44	21.94		
10	25	0		21.56	20.58	20.92		
10	25	12		21.68	20.68	20.78		
10	25	25		21.64	20.71	20.81		
10	50	0		21.83	20.56	20.63		
10	1	0	256-QAM	19.58	18.64	19.06	21.79	0.1510
10	1	25		19.50	18.36	18.84		
10	1	49		19.88	18.41	18.76		
10	25	0		19.98	18.72	18.66		
10	25	12		19.89	18.61	19.16		
10	25	25		19.63	18.56	18.77		
10	50	0		19.62	18.44	18.85		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.81 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.71	23.62	23.93	26.52	0.4487
5	1	12		24.49	23.35	23.94		
5	1	24		24.57	23.49	23.72		
5	12	0		23.76	22.62	22.65		
5	12	7		23.76	22.31	22.71		
5	12	13		23.63	22.68	23.15		
5	25	0		23.45	22.44	22.99		
5	1	0	16-QAM	23.79	22.55	23.18	25.60	0.3631
5	1	12		23.59	22.70	23.04		
5	1	24		23.77	22.73	22.87		
5	12	0		22.59	21.74	21.94		
5	12	7		22.68	21.61	21.81		
5	12	13		22.64	21.44	21.99		
5	25	0		22.84	21.41	21.88		
5	1	0	64-QAM	22.63	21.65	22.10	24.44	0.2780
5	1	12		22.40	21.79	21.96		
5	1	24		22.55	21.60	22.06		
5	12	0		21.55	20.57	20.94		
5	12	7		21.75	20.79	20.85		
5	12	13		21.69	20.61	20.88		
5	25	0		21.82	20.55	20.70		
5	1	0	256-QAM	19.58	18.62	18.93	21.78	0.1507
5	1	12		19.49	18.33	18.73		
5	1	24		19.75	18.55	18.86		
5	12	0		19.97	18.73	18.82		
5	12	7		19.88	18.56	19.14		
5	12	13		19.50	18.53	18.72		
5	25	0		19.63	18.31	18.83		
Limit	EIRP < 2W			Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = 0.33 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.43	21.43	21.41	21.17	0.1309
10+10	1	0	1	49		12.48	12.53	12.53		
10+10	1	49	1	0		22.97	22.99	22.92		
10+10	50	0	50	0	16-QAM	20.44	20.43	20.46	20.43	0.1104
10+10	1	0	1	49		12.78	12.72	12.72		
10+10	1	49	1	0		22.24	22.22	22.25		
10+10	50	0	50	0	64-QAM	20.48	20.45	20.48	18.66	0.0735
10+10	1	0	1	49		12.78	12.90	12.74		
10+10	1	49	1	0		20.31	20.24	20.16		
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.69 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+5	75	0	25	0	QPSK	22.14	22.17	22.29	23.98	0.2500
15+5	1	0	1	24		21.91	21.77	21.80		
15+5	1	74	1	0		21.98	21.98	22.15		
15+5	75	0	25	0	16-QAM	22.18	22.24	22.35	24.35	0.2723
15+5	1	0	1	24		22.19	22.33	22.32		
15+5	1	74	1	0		22.34	22.50	22.66		
15+5	75	0	25	0	64-QAM	22.18	22.19	22.31	24.09	0.2564
15+5	1	0	1	24		22.04	22.06	22.12		
15+5	1	74	1	0		22.27	22.37	22.40		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.69 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+15	100	0	75	0	QPSK	21.70	21.73	21.92	23.61	0.2296
20+15	1	0	1	74		21.15	21.16	21.14		
20+15	1	74	1	0		21.62	21.60	21.68		
20+15	100	0	75	0	16-QAM	21.77	21.83	22.02	23.97	0.2495
20+15	1	0	1	74		21.64	21.62	21.61		
20+15	1	74	1	0		22.19	22.07	22.28		
20+15	100	0	75	0	64-QAM	21.80	21.82	22.04	23.74	0.2366
20+15	1	0	1	74		21.53	21.41	21.48		
20+15	1	74	1	0		21.98	21.96	22.05		
20+10	100	0	50	0	QPSK	21.67	21.71	21.76	23.45	0.2213
20+10	1	0	1	49		21.01	21.05	21.06		
20+10	1	99	1	0		21.56	21.60	21.61		
20+10	100	0	50	0	16-QAM	21.57	21.66	21.90	23.88	0.2443
20+10	1	0	1	49		21.59	21.54	21.51		
20+10	1	99	1	0		22.19	22.06	22.17		
20+10	100	0	50	0	64-QAM	21.65	21.75	21.86	23.74	0.2366
20+10	1	0	1	49		21.52	21.21	21.38		
20+10	1	99	1	0		21.93	21.93	22.05		
10+20	50	0	100	0	QPSK	21.57	21.62	21.84	23.53	0.2254
10+20	1	0	1	99		21.13	21.11	21.03		
10+20	1	49	1	0		21.52	21.50	21.61		
10+20	50	0	100	0	16-QAM	21.65	21.76	21.82	23.80	0.2399
10+20	1	0	1	99		21.57	21.52	21.53		
10+20	1	49	1	0		22.03	21.90	22.11		
10+20	50	0	100	0	64-QAM	21.60	21.75	21.92	23.61	0.2296
10+20	1	0	1	99		21.42	21.27	21.44		
10+20	1	49	1	0		21.89	21.86	21.88		
20+5	100	0	25	0	QPSK	21.63	21.63	21.88	23.57	0.2275
20+5	1	0	1	24		21.15	21.14	20.99		
20+5	1	99	1	0		21.56	21.44	21.51		
20+5	100	0	25	0	16-QAM	21.76	21.70	21.96	23.92	0.2466
20+5	1	0	1	24		21.63	21.49	21.49		
20+5	1	99	1	0		22.07	21.91	22.23		
20+5	100	0	25	0	64-QAM	21.73	21.65	21.91	23.67	0.2328
20+5	1	0	1	24		21.52	21.35	21.45		
20+5	1	99	1	0		21.86	21.80	21.98		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.69 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.70	21.53	21.79	23.48	0.2228
5+20	1	0	1	99		21.01	21.14	21.14		
5+20	1	24	1	0		21.48	21.45	21.61		
5+20	25	0	100	0	16-QAM	21.59	21.64	21.90	23.88	0.2443
5+20	1	0	1	99		21.52	21.49	21.52		
5+20	1	24	1	0		22.06	21.96	22.19		
5+20	25	0	100	0	64-QAM	21.65	21.76	21.91	23.65	0.2317
5+20	1	0	1	99		21.44	21.24	21.41		
5+20	1	24	1	0		21.96	21.86	21.96		
15+10	75	0	50	0	QPSK	21.67	21.54	21.76	23.45	0.2213
15+10	1	0	1	49		20.99	21.12	20.95		
15+10	1	74	1	0		21.60	21.45	21.63		
15+10	75	0	50	0	16-QAM	21.65	21.67	21.83	23.94	0.2477
15+10	1	0	1	49		21.63	21.45	21.51		
15+10	1	74	1	0		22.11	21.91	22.25		
15+10	75	0	50	0	64-QAM	21.70	21.71	21.95	23.64	0.2312
15+10	1	0	1	49		21.40	21.29	21.29		
15+10	1	74	1	0		21.93	21.89	21.95		
10+15	50	0	75	0	QPSK	21.68	21.62	21.79	23.48	0.2228
10+15	1	0	1	74		21.04	21.01	21.02		
10+15	1	49	1	0		21.42	21.46	21.64		
10+15	50	0	75	0	16-QAM	21.58	21.78	21.88	23.82	0.2410
10+15	1	0	1	74		21.52	21.43	21.51		
10+15	1	49	1	0		22.13	21.94	22.08		
10+15	50	0	75	0	64-QAM	21.69	21.62	21.88	23.64	0.2312
10+15	1	0	1	74		21.50	21.37	21.35		
10+15	1	49	1	0		21.91	21.95	21.87		
15+15	75	0	75	0	QPSK	21.61	21.68	21.83	23.52	0.2249
15+15	1	0	1	74		20.96	20.97	20.99		
15+15	1	74	1	0		21.62	21.59	21.61		
15+15	75	0	75	0	16-QAM	21.72	21.70	21.85	23.82	0.2410
15+15	1	0	1	74		21.47	21.57	21.43		
15+15	1	74	1	0		22.13	21.94	22.12		
15+15	75	0	75	0	64-QAM	21.73	21.81	22.13	23.82	0.2410
15+15	1	0	1	74		21.52	21.27	21.36		
15+15	1	74	1	0		21.85	21.87	21.96		
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.76 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	19.61	19.86	19.66	23.40	0.2188
20+20	1	0	1	99		12.60	12.56	12.49		
20+20	1	99	1	0		21.64	21.59	21.51		
20+20	1	0	1	99	16-QAM	13.27	13.08	13.15	23.04	0.2014
20+20	1	99	1	0		21.28	21.12	21.04		
20+20	100	0	100	0	64-QAM	18.68	18.87	18.64	20.76	0.1191
20+20	1	0	1	99		12.89	12.96	12.85		
20+20	1	99	1	0		19.00	18.93	18.86		
20+15	100	0	75	0	QPSK	19.79	19.77	19.64	23.50	0.2239
20+15	1	0	1	74		12.82	12.70	12.68		
20+15	1	99	1	0		21.74	21.61	21.50		
20+15	100	0	75	0	16-QAM	18.82	18.84	18.63	22.93	0.1963
20+15	1	0	1	74		13.26	13.22	13.08		
20+15	1	99	1	0		21.17	21.06	21.14		
20+15	100	0	75	0	64-QAM	18.82	18.87	18.64	20.63	0.1156
20+15	1	0	1	74		13.03	13.11	13.08		
20+15	1	99	1	0		18.86	18.79	18.71		
15+20	75	0	100	0	QPSK	19.62	19.58	19.60	23.47	0.2223
15+20	1	0	1	99		12.80	12.52	12.54		
15+20	1	74	1	0		21.71	21.48	21.38		
15+20	75	0	100	0	16-QAM	18.69	18.79	18.50	22.82	0.1914
15+20	1	0	1	99		13.24	13.17	12.96		
15+20	1	74	1	0		21.03	20.92	21.06		
15+20	75	0	100	0	64-QAM	18.68	18.87	18.48	20.63	0.1156
15+20	1	0	1	99		12.99	13.01	13.02		
15+20	1	74	1	0		18.77	18.76	18.68		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.76 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	19.76	19.67	19.46	23.50	0.2239
20+10	1	0	1	74		12.63	12.50	12.52		
20+10	1	99	1	0		21.74	21.53	21.49		
20+10	100	0	75	0	16-QAM	18.66	18.78	18.49	22.88	0.1941
20+10	1	0	1	74		13.21	13.09	13.04		
20+10	1	99	1	0		21.12	21.03	21.11		
20+10	100	0	75	0	64-QAM	18.69	18.67	18.46	20.47	0.1114
20+10	1	0	1	74		12.85	12.97	12.99		
20+10	1	99	1	0		18.71	18.60	18.67		
10+20	75	0	100	0	QPSK	19.73	19.67	19.47	23.38	0.2178
10+20	1	0	1	99		12.75	12.54	12.58		
10+20	1	74	1	0		21.62	21.42	21.44		
10+20	75	0	100	0	16-QAM	18.67	18.72	18.53	22.93	0.1963
10+20	1	0	1	99		13.11	13.07	12.94		
10+20	1	74	1	0		21.17	21.04	21.05		
10+20	75	0	100	0	64-QAM	18.72	18.83	18.55	20.59	0.1146
10+20	1	0	1	99		12.92	13.08	12.94		
10+20	1	74	1	0		18.78	18.68	18.53		
15+15	75	0	100	0	QPSK	19.74	19.76	19.59	23.34	0.2158
15+15	1	0	1	99		12.75	12.52	12.66		
15+15	1	74	1	0		21.58	21.53	21.31		
15+15	75	0	100	0	16-QAM	18.70	18.71	18.46	22.87	0.1936
15+15	1	0	1	99		13.17	13.08	13.00		
15+15	1	74	1	0		21.11	21.04	21.00		
15+15	75	0	100	0	64-QAM	18.65	18.85	18.54	20.61	0.1151
15+15	1	0	1	99		12.84	13.00	13.06		
15+15	1	74	1	0		18.67	18.69	18.63		
15+10	75	0	100	0	QPSK	19.73	19.66	19.47	23.40	0.2188
15+10	1	0	1	99		12.76	12.68	12.50		
15+10	1	74	1	0		21.64	21.42	21.37		
15+10	75	0	100	0	16-QAM	18.76	18.66	18.60	22.83	0.1919
15+10	1	0	1	99		13.19	13.18	13.06		
15+10	1	74	1	0		21.01	21.06	21.07		
15+10	75	0	100	0	64-QAM	18.67	18.83	18.47	20.61	0.1151
15+10	1	0	1	99		12.96	13.04	13.05		
15+10	1	74	1	0		18.85	18.68	18.53		
Limit	EIRP < 2W					Result			Pass	



LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 1.82 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	19.43	19.48	19.41	23.31	0.2143
20+20	1	0	1	99		12.45	12.40	12.38		
20+20	1	99	1	0		21.42	21.49	21.45		
20+20	100	0	100	0	16-QAM	18.48	18.52	18.54	22.31	0.1702
20+20	1	0	1	99		12.43	12.39	12.39		
20+20	1	99	1	0		20.45	20.49	20.45		
20+20	100	0	100	0	64-QAM	18.45	18.46	18.47	20.29	0.1069
20+20	1	0	1	99		12.46	12.43	12.44		
20+20	1	99	1	0		18.38	18.42	18.42		
15+15	75	0	75	0	QPSK	19.55	19.56	19.47	23.52	0.2249
15+15	1	0	1	74		12.81	12.82	12.83		
15+15	1	74	1	0		21.66	21.70	21.68		
15+15	75	0	75	0	16-QAM	18.61	18.62	18.71	22.61	0.1824
15+15	1	0	1	74		12.91	12.93	12.92		
15+15	1	74	1	0		20.74	20.79	20.76		
15+15	75	0	75	0	64-QAM	18.61	18.63	18.79	20.61	0.1151
15+15	1	0	1	74		12.84	12.87	12.87		
15+15	1	74	1	0		18.61	18.65	18.59		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.81 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	22.53	23.39	26.06	0.4036
20+20	1	0	1	99		16.10	15.49	16.40		
20+20	1	99	1	0		24.25	23.34	23.49		
20+20	100	0	100	0	16-QAM	21.98	21.64	22.45	25.50	0.3548
20+20	1	0	1	99		16.69	16.06	16.98		
20+20	1	99	1	0		23.61	23.19	23.69		
20+20	100	0	100	0	64-QAM	21.97	21.63	22.42	24.23	0.2649
20+20	1	0	1	99		16.32	15.76	16.68		
20+20	1	99	1	0		21.80	21.41	22.05		
20+20	100	0	100	0	256-QAM	24.35	23.29	23.82	26.16	0.4130
20+20	1	0	1	99		23.84	22.91	23.67		
20+20	1	99	1	0		24.01	22.90	23.25		
20+15	100	0	75	0	QPSK	23.04	22.55	23.31	26.12	0.4093
20+15	1	0	1	74		16.21	15.57	16.59		
20+15	1	99	1	0		24.31	23.40	23.34		
20+15	100	0	75	0	16-QAM	22.04	21.62	22.34	25.43	0.3491
20+15	1	0	1	74		16.75	16.15	17.14		
20+15	1	99	1	0		23.62	23.27	23.58		
20+15	100	0	75	0	64-QAM	22.03	21.62	22.32	24.13	0.2588
20+15	1	0	1	74		16.44	15.84	16.83		
20+15	1	99	1	0		21.81	21.46	21.92		
20+15	100	0	75	0	256-QAM	24.57	23.33	23.82	26.38	0.4345
20+15	1	0	1	74		23.90	22.92	23.62		
20+15	1	99	1	0		24.06	22.93	23.15		
15+20	75	0	100	0	QPSK	23.05	22.54	23.37	26.43	0.4395
15+20	1	0	1	99		16.35	15.70	16.60		
15+20	1	74	1	0		24.62	23.43	23.25		
15+20	75	0	100	0	16-QAM	22.04	21.58	22.27	25.64	0.3664
15+20	1	0	1	99		16.91	16.30	17.14		
15+20	1	74	1	0		23.83	23.29	23.61		
15+20	75	0	100	0	64-QAM	22.05	21.60	22.31	24.12	0.2582
15+20	1	0	1	99		16.58	15.97	16.87		
15+20	1	74	1	0		22.06	21.51	22.07		
15+20	75	0	100	0	256-QAM	24.58	23.32	23.76	26.39	0.4355
15+20	1	0	1	99		23.98	22.98	23.62		
15+20	1	74	1	0		24.31	22.93	23.22		
Limit	EIRP < 2W				Result				Pass	



LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.81 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	23.00	22.65	23.15	26.05	0.4027
20+10	1	0	1	49		16.23	15.70	16.61		
20+10	1	99	1	0		24.24	23.42	23.25		
20+10	100	0	50	0	16-QAM	22.06	21.70	22.19	25.35	0.3428
20+10	1	0	1	49		16.84	16.28	17.14		
20+10	1	99	1	0		23.54	23.32	23.42		
20+10	100	0	50	0	64-QAM	22.05	21.70	22.19	24.00	0.2512
20+10	1	0	1	49		16.48	15.97	16.84		
20+10	1	99	1	0		21.74	21.54	21.68		
20+10	100	0	50	0	256-QAM	24.54	23.35	23.70	26.35	0.4315
20+10	1	0	1	49		23.89	22.89	23.51		
20+10	1	99	1	0		23.97	22.98	23.05		
10+20	50	0	100	0	QPSK	22.99	22.43	23.24	26.60	0.4571
10+20	1	0	1	99		16.17	15.57	16.50		
10+20	1	49	1	0		24.79	22.82	23.06		
10+20	50	0	100	0	16-QAM	22.05	21.52	23.18	25.59	0.3622
10+20	1	0	1	99		16.75	16.17	16.97		
10+20	1	49	1	0		23.78	23.01	23.59		
10+20	50	0	100	0	64-QAM	22.02	21.54	22.19	24.00	0.2512
10+20	1	0	1	99		16.42	15.86	16.69		
10+20	1	49	1	0		21.99	21.23	21.87		
10+20	50	0	100	0	256-QAM	24.84	23.37	23.78	26.65	0.4624
10+20	1	0	1	99		24.11	22.89	23.49		
10+20	1	49	1	0		24.56	22.86	23.20		
20+5	100	0	25	0	QPSK	23.08	22.52	22.96	26.20	0.4169
20+5	1	0	1	24		16.32	15.62	16.51		
20+5	1	99	1	0		24.39	23.43	23.33		
20+5	100	0	25	0	16-QAM	22.12	21.65	21.99	25.34	0.3420
20+5	1	0	1	24		16.88	16.25	17.07		
20+5	1	99	1	0		23.53	23.28	23.29		
20+5	100	0	25	0	64-QAM	22.13	21.65	21.98	23.94	0.2477
20+5	1	0	1	24		16.56	15.91	16.77		
20+5	1	99	1	0		21.70	21.48	21.52		
20+5	100	0	25	0	256-QAM	24.92	23.64	23.93	26.73	0.4710
20+5	1	0	1	24		24.21	23.13	23.69		
20+5	1	99	1	0		24.23	23.30	23.27		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.81 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	23.06	22.39	23.16	26.35	0.4315
5+20	1	0	1	99		16.29	15.62	16.46		
5+20	1	24	1	0		24.54	22.94	23.37		
5+20	25	0	100	0	16-QAM	22.12	21.57	22.21	25.73	0.3741
5+20	1	0	1	99		16.84	16.20	17.01		
5+20	1	24	1	0		23.92	23.04	23.67		
5+20	25	0	100	0	64-QAM	22.12	21.57	22.23	24.04	0.2535
5+20	1	0	1	99		16.56	15.90	16.72		
5+20	1	24	1	0		22.17	21.22	21.93		
5+20	25	0	100	0	256-QAM	24.62	23.53	24.02	26.43	0.4395
5+20	1	0	1	99		23.97	22.95	23.50		
5+20	1	24	1	0		24.35	22.86	23.33		
15+10	75	0	50	0	QPSK	23.15	22.62	23.12	26.48	0.4446
15+10	1	0	1	49		16.48	15.84	16.67		
15+10	1	74	1	0		24.67	23.67	23.49		
15+10	75	0	50	0	16-QAM	22.17	21.65	22.14	25.64	0.3664
15+10	1	0	1	49		17.05	16.41	17.23		
15+10	1	74	1	0		23.83	23.31	23.57		
15+10	75	0	50	0	64-QAM	22.19	21.65	22.14	24.00	0.2512
15+10	1	0	1	49		16.74	16.09	16.93		
15+10	1	74	1	0		22.05	21.60	21.82		
15+10	75	0	50	0	256-QAM	24.83	23.42	24.12	26.64	0.4613
15+10	1	0	1	49		24.17	23.05	23.75		
15+10	1	74	1	0		24.41	23.11	23.42		
10+15	50	0	75	0	QPSK	23.13	22.73	23.14	26.43	0.4395
10+15	1	0	1	74		16.32	15.82	16.47		
10+15	1	49	1	0		24.62	23.12	23.37		
10+15	50	0	75	0	16-QAM	22.19	21.67	22.20	25.73	0.3741
10+15	1	0	1	74		16.90	16.31	17.06		
10+15	1	49	1	0		23.92	23.16	23.54		
10+15	50	0	75	0	64-QAM	22.17	21.65	22.17	23.98	0.2500
10+15	1	0	1	74		16.56	15.98	16.70		
10+15	1	49	1	0		22.13	21.37	21.80		
10+15	50	0	75	0	256-QAM	24.68	23.35	23.78	26.49	0.4457
10+15	1	0	1	74		23.98	22.91	23.35		
10+15	1	49	1	0		24.38	22.88	23.11		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.81 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	23.16	22.62	23.33	26.28	0.4246
15+15	1	0	1	74		16.43	15.92	16.78		
15+15	1	74	1	0		24.47	23.24	23.32		
15+15	75	0	75	0	16-QAM	22.14	21.75	22.34	25.70	0.3715
15+15	1	0	1	74		17.01	16.49	17.32		
15+15	1	74	1	0		23.89	23.28	23.53		
15+15	75	0	75	0	64-QAM	22.20	21.78	22.36	24.17	0.2612
15+15	1	0	1	74		16.70	16.18	17.03		
15+15	1	74	1	0		22.11	21.66	22.09		
15+15	75	0	75	0	256-QAM	24.41	23.26	23.71	26.22	0.4188
15+15	1	0	1	74		23.94	22.92	23.58		
15+15	1	74	1	0		24.25	22.97	23.21		
Limit	EIRP < 2W					Result			Pass	



<MIMO 2 Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.58	23.47	23.41	25.44	0.3499
20	1	49		23.57	23.50	23.52		
20	1	99		23.47	23.43	23.52		
20	50	0		22.55	22.45	22.51		
20	50	24		22.54	22.54	22.52		
20	50	50		22.53	22.44	22.50		
20	100	0		22.54	22.47	22.51		
20	1	0	16-QAM	22.55	22.71	22.60	24.57	0.2864
20	1	49		22.64	22.69	22.59		
20	1	99		22.62	22.61	22.53		
20	50	0		21.50	21.44	21.50		
20	50	24		21.59	21.53	21.53		
20	50	50		21.51	21.50	21.54		
20	100	0		21.51	21.46	21.49		
20	1	0	64-QAM	21.56	21.64	21.56	23.52	0.2249
20	1	49		21.61	21.66	21.58		
20	1	99		21.58	21.53	21.57		
20	50	0		20.49	20.42	20.54		
20	50	24		20.55	20.51	20.56		
20	50	50		20.46	20.46	20.54		
20	100	0		20.50	20.43	20.50		
20	1	0	256-QAM	18.73	18.31	18.54	20.59	0.1146
20	1	49		18.60	18.44	18.47		
20	1	99		18.65	18.36	18.43		
20	50	0		18.67	18.44	18.27		
20	50	24		18.56	18.34	18.40		
20	50	50		18.43	18.34	18.58		
20	100	0		18.63	18.33	18.24		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.53	23.28	23.32	25.39	0.3459
15	1	37		23.52	23.41	23.40		
15	1	74		23.28	23.32	23.32		
15	36	0		22.45	22.40	22.50		
15	36	20		22.37	22.46	22.39		
15	36	39		22.42	22.42	22.31		
15	75	0		22.43	22.34	22.32		
15	1	0	16-QAM	22.51	22.66	22.45	24.52	0.2831
15	1	37		22.58	22.63	22.40		
15	1	74		22.45	22.52	22.43		
15	36	0		21.40	21.41	21.32		
15	36	20		21.58	21.41	21.35		
15	36	39		21.31	21.38	21.40		
15	75	0		21.32	21.44	21.43		
15	1	0	64-QAM	21.42	21.63	21.52	23.50	0.2239
15	1	37		21.59	21.64	21.48		
15	1	74		21.39	21.36	21.53		
15	36	0		20.44	20.33	20.46		
15	36	20		20.50	20.34	20.36		
15	36	39		20.40	20.30	20.53		
15	75	0		20.41	20.36	20.50		
15	1	0	256-QAM	18.66	18.19	18.35	20.52	0.1127
15	1	37		18.55	18.36	18.41		
15	1	74		18.63	18.28	18.40		
15	36	0		18.64	18.37	18.20		
15	36	20		18.56	18.20	18.32		
15	36	39		18.23	18.22	18.43		
15	75	0		18.61	18.22	18.07		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.49	23.27	23.24	25.40	0.3467
10	1	25		23.54	23.36	23.47		
10	1	49		23.28	23.33	23.40		
10	25	0		22.39	22.27	22.34		
10	25	12		22.51	22.42	22.39		
10	25	25		22.35	22.29	22.32		
10	50	0		22.41	22.42	22.36		
10	1	0	16-QAM	22.51	22.52	22.57	24.47	0.2799
10	1	25		22.60	22.60	22.41		
10	1	49		22.49	22.61	22.50		
10	25	0		21.42	21.24	21.33		
10	25	12		21.59	21.36	21.42		
10	25	25		21.49	21.47	21.48		
10	50	0		21.47	21.26	21.34		
10	1	0	64-QAM	21.39	21.54	21.45	23.43	0.2203
10	1	25		21.46	21.57	21.56		
10	1	49		21.46	21.34	21.44		
10	25	0		20.49	20.29	20.37		
10	25	12		20.37	20.44	20.51		
10	25	25		20.37	20.45	20.51		
10	50	0		20.39	20.35	20.47		
10	1	0	256-QAM	18.73	18.24	18.47	20.59	0.1146
10	1	25		18.56	18.34	18.36		
10	1	49		18.65	18.19	18.34		
10	25	0		18.64	18.30	18.13		
10	25	12		18.39	18.17	18.27		
10	25	25		18.30	18.26	18.46		
10	50	0		18.56	18.27	18.15		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.55	23.42	23.33	25.41	0.3475
5	1	12		23.54	23.48	23.51		
5	1	24		23.37	23.33	23.41		
5	12	0		22.39	22.26	22.51		
5	12	7		22.39	22.42	22.47		
5	12	13		22.43	22.36	22.40		
5	25	0		22.43	22.47	22.44		
5	1	0	16-QAM	22.36	22.64	22.42	24.50	0.2818
5	1	12		22.63	22.50	22.46		
5	1	24		22.51	22.59	22.50		
5	12	0		21.49	21.36	21.49		
5	12	7		21.44	21.38	21.36		
5	12	13		21.38	21.49	21.43		
5	25	0		21.44	21.34	21.49		
5	1	0	64-QAM	21.47	21.52	21.36	23.43	0.2203
5	1	12		21.43	21.57	21.51		
5	1	24		21.52	21.36	21.43		
5	12	0		20.37	20.24	20.41		
5	12	7		20.47	20.38	20.36		
5	12	13		20.28	20.40	20.50		
5	25	0		20.39	20.30	20.34		
5	1	0	256-QAM	18.64	18.26	18.41	20.51	0.1125
5	1	12		18.46	18.25	18.29		
5	1	24		18.65	18.28	18.24		
5	12	0		18.65	18.25	18.14		
5	12	7		18.48	18.25	18.39		
5	12	13		18.24	18.33	18.53		
5	25	0		18.45	18.19	18.22		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.52	23.39	23.36	25.38	0.3451
3	1	8		23.44	23.47	23.41		
3	1	14		23.47	23.32	23.32		
3	8	0		22.36	22.27	22.38		
3	8	4		22.37	22.35	22.37		
3	8	7		22.53	22.32	22.43		
3	15	0		22.51	22.38	22.44		
3	1	0	16-QAM	22.43	22.62	22.58	24.48	0.2805
3	1	8		22.55	22.60	22.52		
3	1	14		22.56	22.49	22.35		
3	8	0		21.47	21.34	21.34		
3	8	4		21.58	21.40	21.35		
3	8	7		21.34	21.44	21.35		
3	15	0		21.36	21.40	21.49		
3	1	0	64-QAM	21.46	21.47	21.36	23.40	0.2188
3	1	8		21.44	21.48	21.52		
3	1	14		21.47	21.36	21.54		
3	8	0		20.46	20.29	20.54		
3	8	4		20.39	20.36	20.46		
3	8	7		20.36	20.43	20.51		
3	15	0		20.43	20.23	20.50		
3	1	0	256-QAM	18.65	18.31	18.40	20.51	0.1125
3	1	8		18.60	18.31	18.47		
3	1	14		18.52	18.19	18.26		
3	8	0		18.47	18.30	18.25		
3	8	4		18.48	18.17	18.25		
3	8	7		18.24	18.16	18.47		
3	15	0		18.49	18.16	18.09		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.53	23.35	23.38	25.42	0.3483
1.4	1	3		23.38	23.44	23.37		
1.4	1	5		23.35	23.31	23.50		
1.4	3	0		23.41	23.42	23.36		
1.4	3	1		23.56	23.46	23.48		
1.4	3	3		23.41	23.37	23.36		
1.4	6	0		22.50	22.33	22.39		
1.4	1	0	16-QAM	22.34	22.43	22.42	24.55	0.2851
1.4	1	3		22.33	22.39	22.50		
1.4	1	5		22.44	22.29	22.40		
1.4	3	0		22.50	22.63	22.48		
1.4	3	1		22.52	22.69	22.55		
1.4	3	3		22.60	22.52	22.48		
1.4	6	0		21.50	21.31	21.44		
1.4	1	0	64-QAM	21.57	21.46	21.48	23.49	0.2234
1.4	1	3		21.41	21.49	21.54		
1.4	1	5		21.46	21.46	21.49		
1.4	3	0		21.46	21.57	21.41		
1.4	3	1		21.52	21.63	21.40		
1.4	3	3		21.39	21.39	21.43		
1.4	6	0		20.36	20.37	20.36		
1.4	1	0	256-QAM	18.63	18.22	18.50	20.51	0.1125
1.4	1	3		18.60	18.32	18.44		
1.4	1	5		18.51	18.36	18.27		
1.4	3	0		18.65	18.42	18.14		
1.4	3	1		18.56	18.26	18.40		
1.4	3	3		18.42	18.25	18.56		
1.4	6	0		18.47	18.17	18.22		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.52	23.63	23.54	25.54	0.3581
20	1	49		23.52	23.57	23.49		
20	1	99		23.45	23.50	23.53		
20	50	0		22.58	22.67	22.58		
20	50	24		22.50	22.59	22.50		
20	50	50		22.52	22.62	22.49		
20	100	0		22.57	22.59	22.58		
20	1	0	16-QAM	22.78	22.87	22.79	24.82	0.3034
20	1	49		22.91	22.84	22.79		
20	1	99		22.89	22.81	22.79		
20	50	0		21.54	21.49	21.62		
20	50	24		21.60	21.60	21.59		
20	50	50		21.60	21.59	21.52		
20	100	0		21.55	21.57	21.54		
20	1	0	64-QAM	21.70	21.77	21.68	23.70	0.2344
20	1	49		21.79	21.71	21.69		
20	1	99		21.68	21.72	21.69		
20	50	0		20.58	20.49	20.61		
20	50	24		20.57	20.59	20.60		
20	50	50		20.58	20.59	20.53		
20	100	0		20.56	20.55	20.53		
20	1	0	256-QAM	18.58	18.43	18.34	20.72	0.1180
20	1	49		18.60	18.77	18.40		
20	1	99		18.52	18.78	18.41		
20	50	0		18.61	18.81	18.59		
20	50	24		18.63	18.44	18.66		
20	50	50		18.57	18.78	18.40		
20	100	0		18.61	18.47	18.61		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.43	23.49	23.52	25.43	0.3491
15	1	37		23.49	23.38	23.39		
15	1	74		23.29	23.46	23.34		
15	36	0		22.42	22.56	22.46		
15	36	20		22.31	22.39	22.32		
15	36	39		22.46	22.62	22.40		
15	75	0		22.38	22.41	22.50		
15	1	0	16-QAM	22.66	22.78	22.72	24.69	0.2944
15	1	37		22.74	22.69	22.76		
15	1	74		22.70	22.76	22.68		
15	36	0		21.37	21.44	21.57		
15	36	20		21.60	21.46	21.45		
15	36	39		21.59	21.50	21.49		
15	75	0		21.39	21.51	21.54		
15	1	0	64-QAM	21.53	21.66	21.53	23.66	0.2323
15	1	37		21.75	21.63	21.50		
15	1	74		21.63	21.66	21.60		
15	36	0		20.43	20.29	20.58		
15	36	20		20.49	20.58	20.44		
15	36	39		20.52	20.56	20.50		
15	75	0		20.52	20.53	20.46		
15	1	0	256-QAM	18.58	18.25	18.22	20.62	0.1153
15	1	37		18.41	18.66	18.27		
15	1	74		18.46	18.60	18.21		
15	36	0		18.43	18.71	18.40		
15	36	20		18.61	18.24	18.47		
15	36	39		18.41	18.62	18.38		
15	75	0		18.49	18.37	18.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.47	23.48	23.53	25.44	0.3499
10	1	25		23.45	23.52	23.43		
10	1	49		23.43	23.36	23.34		
10	25	0		22.38	22.49	22.50		
10	25	12		22.46	22.53	22.42		
10	25	25		22.36	22.62	22.43		
10	50	0		22.45	22.45	22.39		
10	1	0	16-QAM	22.76	22.69	22.65	24.69	0.2944
10	1	25		22.73	22.65	22.78		
10	1	49		22.76	22.66	22.60		
10	25	0		21.46	21.41	21.56		
10	25	12		21.57	21.43	21.48		
10	25	25		21.53	21.46	21.33		
10	50	0		21.36	21.46	21.50		
10	1	0	64-QAM	21.54	21.69	21.58	23.66	0.2323
10	1	25		21.75	21.62	21.64		
10	1	49		21.64	21.55	21.62		
10	25	0		20.43	20.30	20.57		
10	25	12		20.57	20.47	20.56		
10	25	25		20.56	20.53	20.49		
10	50	0		20.41	20.47	20.35		
10	1	0	256-QAM	18.41	18.35	18.14	20.72	0.1180
10	1	25		18.50	18.71	18.33		
10	1	49		18.33	18.62	18.34		
10	25	0		18.56	18.81	18.43		
10	25	12		18.57	18.34	18.56		
10	25	25		18.45	18.68	18.27		
10	50	0		18.48	18.44	18.45		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.37	23.58	23.50	25.49	0.3540
5	1	12		23.43	23.52	23.44		
5	1	24		23.35	23.43	23.39		
5	12	0		22.54	22.50	22.39		
5	12	7		22.31	22.46	22.33		
5	12	13		22.43	22.54	22.34		
5	25	0		22.53	22.55	22.48		
5	1	0	16-QAM	22.59	22.77	22.74	24.72	0.2965
5	1	12		22.79	22.66	22.69		
5	1	24		22.81	22.67	22.73		
5	12	0		21.49	21.38	21.48		
5	12	7		21.44	21.43	21.52		
5	12	13		21.47	21.59	21.36		
5	25	0		21.44	21.48	21.37		
5	1	0	64-QAM	21.63	21.76	21.59	23.67	0.2328
5	1	12		21.73	21.69	21.69		
5	1	24		21.58	21.67	21.60		
5	12	0		20.52	20.35	20.60		
5	12	7		20.43	20.48	20.43		
5	12	13		20.48	20.43	20.39		
5	25	0		20.43	20.36	20.42		
5	1	0	256-QAM	18.58	18.38	18.32	20.60	0.1148
5	1	12		18.45	18.63	18.38		
5	1	24		18.32	18.62	18.29		
5	12	0		18.48	18.61	18.55		
5	12	7		18.47	18.37	18.55		
5	12	13		18.42	18.69	18.25		
5	25	0		18.43	18.33	18.49		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.49	23.48	23.35	25.41	0.3475
3	1	8		23.50	23.47	23.39		
3	1	14		23.39	23.40	23.45		
3	8	0		22.41	22.51	22.41		
3	8	4		22.38	22.46	22.50		
3	8	7		22.40	22.51	22.36		
3	15	0		22.56	22.49	22.44		
3	1	0	16-QAM	22.69	22.72	22.70	24.80	0.3020
3	1	8		22.89	22.80	22.70		
3	1	14		22.76	22.61	22.75		
3	8	0		21.45	21.39	21.56		
3	8	4		21.40	21.40	21.40		
3	8	7		21.58	21.53	21.50		
3	15	0		21.55	21.52	21.52		
3	1	0	64-QAM	21.66	21.72	21.63	23.63	0.2307
3	1	8		21.61	21.55	21.53		
3	1	14		21.58	21.58	21.69		
3	8	0		20.47	20.38	20.52		
3	8	4		20.48	20.44	20.42		
3	8	7		20.57	20.55	20.37		
3	15	0		20.39	20.53	20.45		
3	1	0	256-QAM	18.48	18.25	18.14	20.64	0.1159
3	1	8		18.52	18.73	18.22		
3	1	14		18.41	18.70	18.40		
3	8	0		18.55	18.61	18.47		
3	8	4		18.52	18.28	18.62		
3	8	7		18.39	18.65	18.24		
3	15	0		18.41	18.40	18.58		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.32	23.43	23.42	25.47	0.3524
1.4	1	3		23.42	23.40	23.45		
1.4	1	5		23.34	23.48	23.38		
1.4	3	0		23.44	23.56	23.45		
1.4	3	1		23.37	23.46	23.42		
1.4	3	3		23.42	23.41	23.38		
1.4	6	0		22.55	22.59	22.38		
1.4	1	0	16-QAM	22.48	22.41	22.48	24.71	0.2958
1.4	1	3		22.43	22.42	22.49		
1.4	1	5		22.47	22.50	22.57		
1.4	3	0		22.78	22.68	22.64		
1.4	3	1		22.80	22.72	22.76		
1.4	3	3		22.77	22.66	22.60		
1.4	6	0		21.42	21.31	21.44		
1.4	1	0	64-QAM	21.43	21.58	21.46	23.63	0.2307
1.4	1	3		21.53	21.47	21.43		
1.4	1	5		21.44	21.53	21.52		
1.4	3	0		21.56	21.64	21.57		
1.4	3	1		21.62	21.54	21.68		
1.4	3	3		21.53	21.72	21.58		
1.4	6	0		20.50	20.32	20.45		
1.4	1	0	256-QAM	18.52	18.38	18.31	20.62	0.1153
1.4	1	3		18.44	18.61	18.34		
1.4	1	5		18.34	18.71	18.25		
1.4	3	0		18.57	18.67	18.56		
1.4	3	1		18.45	18.39	18.47		
1.4	3	3		18.37	18.61	18.20		
1.4	6	0		18.48	18.40	18.56		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.77	23.85	23.94	25.84	0.3837
20	1	49		23.92	23.84	23.90		
20	1	99		23.91	23.86	23.77		
20	50	0		22.77	22.89	22.91		
20	50	24		22.73	22.85	22.83		
20	50	50		22.72	22.88	22.84		
20	100	0		22.87	22.91	22.92		
20	1	0	16-QAM	22.69	22.78	22.90	24.83	0.3041
20	1	49		22.84	22.93	22.90		
20	1	99		22.89	22.85	22.74		
20	50	0		21.74	21.85	21.90		
20	50	24		21.90	21.76	21.94		
20	50	50		21.87	21.89	21.88		
20	100	0		21.87	21.92	21.90		
20	1	0	64-QAM	21.86	21.87	21.88	23.82	0.2410
20	1	49		21.87	21.86	21.82		
20	1	99		21.78	21.92	21.90		
20	50	0		20.76	20.91	20.90		
20	50	24		20.89	20.76	20.90		
20	50	50		20.83	20.89	20.88		
20	100	0		20.85	20.93	20.91		
20	1	0	256-QAM	18.70	18.71	18.79	21.00	0.1259
20	1	49		18.94	18.65	19.09		
20	1	99		18.78	18.76	18.94		
20	50	0		18.61	19.00	18.76		
20	50	24		18.87	18.75	19.10		
20	50	50		18.57	18.89	18.99		
20	100	0		18.88	18.88	18.87		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.68	23.75	23.89	25.79	0.3793
15	1	37		23.85	23.66	23.71		
15	1	74		23.86	23.69	23.76		
15	36	0		22.67	22.89	22.80		
15	36	20		22.64	22.84	22.80		
15	36	39		22.54	22.79	22.72		
15	75	0		22.86	22.80	22.78		
15	1	0	16-QAM	22.67	22.71	22.88	24.83	0.3041
15	1	37		22.81	22.93	22.74		
15	1	74		22.87	22.78	22.64		
15	36	0		21.62	21.83	21.78		
15	36	20		21.72	21.60	21.79		
15	36	39		21.67	21.70	21.72		
15	75	0		21.83	21.78	21.74		
15	1	0	64-QAM	21.81	21.79	21.84	23.79	0.2393
15	1	37		21.87	21.72	21.70		
15	1	74		21.71	21.89	21.81		
15	36	0		20.71	20.73	20.84		
15	36	20		20.71	20.57	20.87		
15	36	39		20.63	20.88	20.78		
15	75	0		20.78	20.86	20.87		
15	1	0	256-QAM	18.62	18.55	18.61	20.99	0.1256
15	1	37		18.78	18.57	18.90		
15	1	74		18.68	18.69	18.93		
15	36	0		18.41	18.85	18.64		
15	36	20		18.76	18.63	19.09		
15	36	39		18.45	18.86	18.89		
15	75	0		18.84	18.88	18.79		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.71	23.85	23.89	25.79	0.3793
10	1	25		23.72	23.80	23.77		
10	1	49		23.72	23.73	23.77		
10	25	0		22.74	22.87	22.76		
10	25	12		22.68	22.70	22.78		
10	25	25		22.71	22.74	22.66		
10	50	0		22.85	22.79	22.72		
10	1	0	16-QAM	22.61	22.69	22.83	24.78	0.3006
10	1	25		22.66	22.88	22.74		
10	1	49		22.70	22.83	22.68		
10	25	0		21.57	21.74	21.73		
10	25	12		21.90	21.66	21.82		
10	25	25		21.82	21.72	21.74		
10	50	0		21.84	21.89	21.84		
10	1	0	64-QAM	21.74	21.78	21.86	23.76	0.2377
10	1	25		21.72	21.84	21.81		
10	1	49		21.69	21.83	21.74		
10	25	0		20.66	20.86	20.90		
10	25	12		20.79	20.74	20.81		
10	25	25		20.64	20.79	20.75		
10	50	0		20.79	20.93	20.72		
10	1	0	256-QAM	18.53	18.56	18.78	20.92	0.1236
10	1	25		18.89	18.56	18.94		
10	1	49		18.63	18.69	18.75		
10	25	0		18.59	18.81	18.75		
10	25	12		18.72	18.64	19.02		
10	25	25		18.50	18.77	18.98		
10	50	0		18.88	18.83	18.86		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.67	23.81	23.90	25.80	0.3802
5	1	12		23.77	23.64	23.73		
5	1	24		23.84	23.66	23.69		
5	12	0		22.62	22.72	22.79		
5	12	7		22.65	22.75	22.63		
5	12	13		22.61	22.72	22.64		
5	25	0		22.82	22.76	22.88		
5	1	0	16-QAM	22.51	22.64	22.71	24.79	0.3013
5	1	12		22.74	22.78	22.89		
5	1	24		22.78	22.83	22.68		
5	12	0		21.54	21.72	21.78		
5	12	7		21.82	21.57	21.90		
5	12	13		21.68	21.84	21.72		
5	25	0		21.71	21.88	21.84		
5	1	0	64-QAM	21.68	21.85	21.86	23.78	0.2388
5	1	12		21.72	21.74	21.65		
5	1	24		21.74	21.88	21.73		
5	12	0		20.75	20.86	20.85		
5	12	7		20.80	20.71	20.71		
5	12	13		20.68	20.88	20.78		
5	25	0		20.69	20.76	20.80		
5	1	0	256-QAM	18.67	18.66	18.64	20.86	0.1219
5	1	12		18.74	18.65	18.93		
5	1	24		18.61	18.65	18.94		
5	12	0		18.61	18.96	18.56		
5	12	7		18.79	18.73	18.94		
5	12	13		18.42	18.75	18.81		
5	25	0		18.69	18.82	18.75		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.70	23.69	23.74	25.76	0.3767
3	1	8		23.84	23.72	23.76		
3	1	14		23.86	23.69	23.71		
3	8	0		22.68	22.80	22.77		
3	8	4		22.65	22.75	22.76		
3	8	7		22.60	22.87	22.69		
3	15	0		22.86	22.84	22.75		
3	1	0	16-QAM	22.60	22.62	22.80	24.70	0.2951
3	1	8		22.67	22.74	22.74		
3	1	14		22.74	22.65	22.54		
3	8	0		21.72	21.67	21.79		
3	8	4		21.72	21.72	21.88		
3	8	7		21.87	21.85	21.82		
3	15	0		21.72	21.82	21.85		
3	1	0	64-QAM	21.72	21.71	21.75	23.77	0.2382
3	1	8		21.87	21.78	21.67		
3	1	14		21.74	21.81	21.79		
3	8	0		20.57	20.86	20.75		
3	8	4		20.69	20.56	20.81		
3	8	7		20.81	20.70	20.78		
3	15	0		20.82	20.93	20.77		
3	1	0	256-QAM	18.62	18.56	18.61	20.86	0.1219
3	1	8		18.89	18.57	18.93		
3	1	14		18.77	18.70	18.78		
3	8	0		18.42	18.94	18.73		
3	8	4		18.69	18.55	18.96		
3	8	7		18.55	18.81	18.85		
3	15	0		18.77	18.72	18.87		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.59	23.82	23.79	25.76	0.3767
1.4	1	3		23.75	23.82	23.76		
1.4	1	5		23.76	23.78	23.62		
1.4	3	0		23.70	23.69	23.74		
1.4	3	1		23.84	23.72	23.76		
1.4	3	3		23.86	23.69	23.71		
1.4	6	0		22.68	22.80	22.77		
1.4	1	0	16-QAM	22.65	22.75	22.76	24.77	0.2999
1.4	1	3		22.60	22.87	22.69		
1.4	1	5		22.86	22.84	22.75		
1.4	3	0		22.60	22.62	22.80		
1.4	3	1		22.67	22.74	22.74		
1.4	3	3		22.74	22.65	22.54		
1.4	6	0		21.72	21.67	21.79		
1.4	1	0	64-QAM	21.72	21.72	21.88	23.78	0.2388
1.4	1	3		21.87	21.85	21.82		
1.4	1	5		21.72	21.82	21.85		
1.4	3	0		21.72	21.71	21.75		
1.4	3	1		21.87	21.78	21.67		
1.4	3	3		21.74	21.81	21.79		
1.4	6	0		20.57	20.86	20.75		
1.4	1	0	256-QAM	18.62	18.56	18.61	20.86	0.1219
1.4	1	3		18.89	18.57	18.93		
1.4	1	5		18.77	18.70	18.78		
1.4	3	0		18.42	18.94	18.73		
1.4	3	1		18.69	18.55	18.96		
1.4	3	3		18.55	18.81	18.85		
1.4	6	0		18.77	18.72	18.87		
Limit	EIRP < 1W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.85 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.89	23.79	23.75	25.74	0.3750
20	1	49		23.68	23.60	23.58		
20	1	99		23.86	23.77	23.68		
20	50	0		22.91	22.80	22.78		
20	50	24		22.87	22.78	22.75		
20	50	50		22.80	22.78	22.78		
20	100	0		22.81	22.75	22.75		
20	1	0	16-QAM	22.90	22.81	22.84	24.83	0.3041
20	1	49		22.87	22.85	22.98		
20	1	99		22.90	22.82	22.92		
20	50	0		21.77	21.80	21.74		
20	50	24		21.87	21.78	21.80		
20	50	50		21.88	21.80	21.76		
20	100	0		21.80	21.73	21.73		
20	1	0	64-QAM	21.79	21.70	21.77	23.85	0.2427
20	1	49		21.92	21.95	21.88		
20	1	99		22.00	21.96	21.85		
20	50	0		20.72	20.79	20.77		
20	50	24		20.83	20.80	20.77		
20	50	50		20.85	20.81	20.75		
20	100	0		20.77	20.73	20.72		
20	1	0	256-QAM	18.79	18.92	18.63	20.94	0.1242
20	1	49		19.04	18.78	18.70		
20	1	99		18.70	18.88	18.93		
20	50	0		18.79	18.73	18.85		
20	50	24		18.80	18.70	18.76		
20	50	50		18.72	18.78	18.56		
20	100	0		19.09	18.73	18.66		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.85 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.87	23.60	23.62	25.72	0.3733
15	1	37		23.53	23.48	23.47		
15	1	74		23.82	23.76	23.52		
15	36	0		22.82	22.79	22.59		
15	36	20		22.70	22.71	22.65		
15	36	39		22.64	22.64	22.72		
15	75	0		22.74	22.55	22.59		
15	1	0	16-QAM	22.85	22.65	22.69	24.75	0.2985
15	1	37		22.83	22.80	22.89		
15	1	74		22.72	22.80	22.90		
15	36	0		21.66	21.69	21.59		
15	36	20		21.74	21.62	21.69		
15	36	39		21.75	21.62	21.66		
15	75	0		21.79	21.56	21.56		
15	1	0	64-QAM	21.74	21.52	21.71	23.77	0.2382
15	1	37		21.88	21.81	21.79		
15	1	74		21.92	21.88	21.70		
15	36	0		20.53	20.73	20.59		
15	36	20		20.79	20.69	20.62		
15	36	39		20.79	20.78	20.59		
15	75	0		20.71	20.63	20.54		
15	1	0	256-QAM	18.75	18.91	18.49	20.85	0.1216
15	1	37		19.00	18.66	18.57		
15	1	74		18.60	18.77	18.83		
15	36	0		18.61	18.61	18.66		
15	36	20		18.77	18.62	18.57		
15	36	39		18.69	18.58	18.42		
15	75	0		18.96	18.73	18.50		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.85 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.74	23.68	23.68	25.59	0.3622
10	1	25		23.64	23.43	23.50		
10	1	49		23.72	23.65	23.48		
10	25	0		22.85	22.61	22.71		
10	25	12		22.81	22.77	22.61		
10	25	25		22.66	22.73	22.75		
10	50	0		22.68	22.66	22.62		
10	1	0	16-QAM	22.76	22.67	22.74	24.67	0.2931
10	1	25		22.71	22.75	22.82		
10	1	49		22.76	22.75	22.72		
10	25	0		21.76	21.66	21.66		
10	25	12		21.69	21.66	21.60		
10	25	25		21.77	21.76	21.69		
10	50	0		21.79	21.72	21.61		
10	1	0	64-QAM	21.64	21.53	21.71	23.79	0.2393
10	1	25		21.90	21.94	21.78		
10	1	49		21.86	21.86	21.77		
10	25	0		20.70	20.77	20.70		
10	25	12		20.64	20.78	20.60		
10	25	25		20.79	20.72	20.75		
10	50	0		20.68	20.61	20.66		
10	1	0	256-QAM	18.62	18.84	18.46	20.87	0.1222
10	1	25		19.02	18.68	18.65		
10	1	49		18.68	18.78	18.75		
10	25	0		18.70	18.68	18.67		
10	25	12		18.73	18.58	18.61		
10	25	25		18.53	18.74	18.51		
10	50	0		18.92	18.64	18.56		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.85 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.72	23.76	23.69	25.70	0.3715
5	1	12		23.58	23.44	23.49		
5	1	24		23.85	23.77	23.66		
5	12	0		22.76	22.63	22.70		
5	12	7		22.72	22.62	22.55		
5	12	13		22.76	22.72	22.59		
5	25	0		22.61	22.68	22.72		
5	1	0	16-QAM	22.81	22.64	22.74	24.75	0.2985
5	1	12		22.75	22.85	22.78		
5	1	24		22.90	22.77	22.74		
5	12	0		21.63	21.63	21.67		
5	12	7		21.69	21.69	21.65		
5	12	13		21.69	21.69	21.61		
5	25	0		21.62	21.72	21.68		
5	1	0	64-QAM	21.68	21.58	21.70	23.75	0.2371
5	1	12		21.77	21.90	21.68		
5	1	24		21.82	21.84	21.67		
5	12	0		20.58	20.61	20.75		
5	12	7		20.78	20.62	20.63		
5	12	13		20.72	20.75	20.58		
5	25	0		20.59	20.70	20.71		
5	1	0	256-QAM	18.68	18.80	18.44	20.91	0.1233
5	1	12		18.88	18.59	18.65		
5	1	24		18.62	18.86	18.75		
5	12	0		18.71	18.55	18.78		
5	12	7		18.80	18.69	18.75		
5	12	13		18.67	18.64	18.50		
5	25	0		19.06	18.72	18.55		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.61	22.64	22.67	24.21	0.2636
20	1	49		22.54	22.47	22.46		
20	1	99		22.55	22.63	22.58		
20	50	0		21.62	21.62	21.72		
20	50	24		21.55	21.55	21.65		
20	50	50		21.56	21.57	21.61		
20	100	0		21.56	21.54	21.61		
20	1	0	16-QAM	21.61	21.73	21.74	23.28	0.2128
20	1	49		21.59	21.66	21.60		
20	1	99		21.60	21.60	21.70		
20	50	0		20.63	20.55	20.67		
20	50	24		20.53	20.56	20.71		
20	50	50		20.61	20.58	20.63		
20	100	0		20.31	20.36	20.23		
20	1	0	64-QAM	20.42	20.37	20.47	22.15	0.1641
20	1	49		20.24	20.36	20.30		
20	1	99		20.48	20.60	20.61		
20	50	0		19.57	19.65	19.59		
20	50	24		19.57	19.51	19.58		
20	50	50		19.55	19.57	19.62		
20	100	0		19.54	19.54	19.55		
20	1	0	256-QAM	17.78	17.76	17.89	19.57	0.0906
20	1	49		17.83	17.68	17.77		
20	1	99		17.80	17.74	17.75		
20	50	0		17.88	18.03	18.01		
20	50	24		17.86	17.91	18.03		
20	50	50		17.87	17.90	17.99		
20	100	0		17.82	17.91	17.97		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.57	22.64	22.59	24.18	0.2618
15	1	37		22.47	22.37	22.36		
15	1	74		22.47	22.62	22.50		
15	36	0		21.56	21.54	21.71		
15	36	20		21.48	21.53	21.59		
15	36	39		21.53	21.57	21.57		
15	75	0		21.53	21.46	21.48		
15	1	0	16-QAM	21.51	21.63	21.70	23.24	0.2109
15	1	37		21.49	21.57	21.54		
15	1	74		21.56	21.57	21.67		
15	36	0		20.63	20.53	20.59		
15	36	20		20.43	20.46	20.63		
15	36	39		20.56	20.57	20.54		
15	75	0		20.21	20.28	20.14		
15	1	0	64-QAM	20.32	20.33	20.38	22.15	0.1641
15	1	37		20.23	20.35	20.28		
15	1	74		20.44	20.58	20.61		
15	36	0		19.54	19.56	19.57		
15	36	20		19.56	19.43	19.48		
15	36	39		19.46	19.50	19.56		
15	75	0		19.50	19.45	19.47		
15	1	0	256-QAM	17.76	17.75	17.83	19.53	0.0897
15	1	37		17.76	17.64	17.69		
15	1	74		17.72	17.72	17.65		
15	36	0		17.81	17.99	17.91		
15	36	20		17.83	17.81	17.94		
15	36	39		17.80	17.83	17.94		
15	75	0		17.72	17.88	17.94		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.53	22.58	22.62	24.16	0.2606
10	1	25		22.49	22.41	22.39		
10	1	49		22.54	22.61	22.50		
10	25	0		21.53	21.61	21.72		
10	25	12		21.50	21.47	21.55		
10	25	25		21.51	21.49	21.59		
10	50	0		21.48	21.47	21.45		
10	1	0	16-QAM	21.51	21.66	21.69	23.24	0.2109
10	1	25		21.50	21.59	21.56		
10	1	49		21.58	21.59	21.70		
10	25	0		20.62	20.55	20.67		
10	25	12		20.50	20.52	20.70		
10	25	25		20.60	20.52	20.62		
10	50	0		20.30	20.28	20.16		
10	1	0	64-QAM	20.42	20.28	20.46	22.08	0.1614
10	1	25		20.22	20.35	20.29		
10	1	49		20.41	20.54	20.51		
10	25	0		19.53	19.58	19.56		
10	25	12		19.52	19.45	19.56		
10	25	25		19.55	19.50	19.53		
10	50	0		19.45	19.44	19.54		
10	1	0	256-QAM	17.69	17.72	17.81	19.55	0.0902
10	1	25		17.77	17.59	17.77		
10	1	49		17.72	17.67	17.72		
10	25	0		17.81	17.99	18.01		
10	25	12		17.80	17.85	17.93		
10	25	25		17.78	17.84	17.99		
10	50	0		17.72	17.81	17.93		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.59	22.58	22.66	24.20	0.2630
5	1	12		22.54	22.38	22.40		
5	1	24		22.49	22.59	22.54		
5	12	0		21.59	21.52	21.70		
5	12	7		21.47	21.45	21.61		
5	12	13		21.47	21.48	21.59		
5	25	0		21.50	21.53	21.44		
5	1	0	16-QAM	21.58	21.68	21.71	23.25	0.2113
5	1	12		21.54	21.61	21.58		
5	1	24		21.54	21.58	21.68		
5	12	0		20.54	20.51	20.66		
5	12	7		20.52	20.51	20.71		
5	12	13		20.51	20.50	20.61		
5	25	0		20.26	20.28	20.13		
5	1	0	64-QAM	20.41	20.31	20.44	22.13	0.1633
5	1	12		20.16	20.34	20.25		
5	1	24		20.43	20.59	20.53		
5	12	0		19.48	19.65	19.53		
5	12	7		19.47	19.41	19.57		
5	12	13		19.45	19.54	19.55		
5	25	0		19.51	19.47	19.54		
5	1	0	256-QAM	17.71	17.74	17.79	19.52	0.0895
5	1	12		17.73	17.68	17.69		
5	1	24		17.78	17.72	17.75		
5	12	0		17.88	17.98	17.96		
5	12	7		17.83	17.81	17.98		
5	12	13		17.87	17.82	17.92		
5	25	0		17.82	17.88	17.94		
Limit	EIRP < 2W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.90	23.97	23.88	25.87	0.3864
20	1	49		23.77	23.87	23.88		
20	1	99		23.83	23.85	23.60		
20	50	0		22.86	22.99	22.85		
20	50	24		22.81	22.95	22.84		
20	50	50		22.85	22.87	22.73		
20	100	0		22.90	22.94	22.82		
20	1	0	16-QAM	22.94	22.86	22.86	24.88	0.3076
20	1	49		22.89	22.92	22.98		
20	1	99		22.86	22.88	22.87		
20	50	0		21.90	21.94	21.80		
20	50	24		21.88	21.98	21.83		
20	50	50		21.92	21.80	21.76		
20	100	0		21.88	21.90	21.79		
20	1	0	64-QAM	21.89	21.92	21.91	23.89	0.2449
20	1	49		21.97	21.96	21.99		
20	1	99		21.93	21.91	21.87		
20	50	0		20.81	20.97	20.79		
20	50	24		20.93	20.98	20.87		
20	50	50		20.96	20.80	20.75		
20	100	0		20.87	20.91	20.81		
20	1	0	256-QAM	18.91	18.82	18.90	21.01	0.1262
20	1	49		18.80	18.88	18.91		
20	1	99		18.93	18.88	18.89		
20	50	0		18.98	19.09	18.85		
20	50	24		18.82	19.11	19.04		
20	50	50		18.73	18.82	18.82		
20	100	0		18.77	18.93	18.88		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.70	23.80	23.85	25.77	0.3776
15	1	37		23.65	23.77	23.87		
15	1	74		23.66	23.85	23.60		
15	36	0		22.75	22.84	22.80		
15	36	20		22.67	22.84	22.68		
15	36	39		22.76	22.81	22.67		
15	75	0		22.86	22.88	22.70		
15	1	0	16-QAM	22.84	22.83	22.82	24.86	0.3062
15	1	37		22.88	22.76	22.96		
15	1	74		22.71	22.86	22.68		
15	36	0		21.88	21.93	21.74		
15	36	20		21.86	21.91	21.76		
15	36	39		21.83	21.73	21.62		
15	75	0		21.81	21.85	21.77		
15	1	0	64-QAM	21.84	21.76	21.91	23.86	0.2432
15	1	37		21.85	21.78	21.96		
15	1	74		21.91	21.88	21.79		
15	36	0		20.68	20.89	20.62		
15	36	20		20.86	20.80	20.69		
15	36	39		20.80	20.72	20.67		
15	75	0		20.78	20.85	20.69		
15	1	0	256-QAM	18.86	18.63	18.70	21.00	0.1259
15	1	37		18.62	18.85	18.82		
15	1	74		18.79	18.74	18.71		
15	36	0		18.96	19.03	18.79		
15	36	20		18.74	19.10	18.84		
15	36	39		18.72	18.65	18.75		
15	75	0		18.58	18.88	18.87		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.87	23.92	23.88	25.82	0.3819
10	1	25		23.76	23.85	23.88		
10	1	49		23.83	23.71	23.47		
10	25	0		22.84	22.85	22.69		
10	25	12		22.78	22.84	22.72		
10	25	25		22.76	22.67	22.66		
10	50	0		22.71	22.89	22.63		
10	1	0	16-QAM	22.87	22.85	22.69	24.77	0.2999
10	1	25		22.80	22.82	22.83		
10	1	49		22.66	22.81	22.69		
10	25	0		21.87	21.94	21.69		
10	25	12		21.88	21.86	21.63		
10	25	25		21.80	21.63	21.60		
10	50	0		21.87	21.90	21.61		
10	1	0	64-QAM	21.73	21.85	21.78	23.89	0.2449
10	1	25		21.82	21.80	21.99		
10	1	49		21.87	21.88	21.84		
10	25	0		20.65	20.92	20.64		
10	25	12		20.76	20.84	20.77		
10	25	25		20.78	20.65	20.61		
10	50	0		20.78	20.74	20.71		
10	1	0	256-QAM	18.86	18.65	18.86	20.89	0.1227
10	1	25		18.67	18.87	18.73		
10	1	49		18.81	18.72	18.80		
10	25	0		18.97	18.92	18.75		
10	25	12		18.68	18.99	18.91		
10	25	25		18.53	18.67	18.71		
10	50	0		18.72	18.74	18.79		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.85	23.96	23.70	25.86	0.3855
5	1	12		23.59	23.80	23.87		
5	1	24		23.72	23.67	23.49		
5	12	0		22.77	22.87	22.74		
5	12	7		22.77	22.84	22.73		
5	12	13		22.74	22.86	22.68		
5	25	0		22.82	22.79	22.65		
5	1	0	16-QAM	22.80	22.67	22.79	24.77	0.2999
5	1	12		22.87	22.77	22.79		
5	1	24		22.70	22.76	22.70		
5	12	0		21.81	21.94	21.67		
5	12	7		21.87	21.79	21.65		
5	12	13		21.88	21.66	21.58		
5	25	0		21.73	21.80	21.64		
5	1	0	64-QAM	21.75	21.82	21.79	23.81	0.2404
5	1	12		21.84	21.91	21.86		
5	1	24		21.84	21.84	21.68		
5	12	0		20.61	20.89	20.60		
5	12	7		20.73	20.86	20.85		
5	12	13		20.90	20.80	20.69		
5	25	0		20.81	20.90	20.64		
5	1	0	256-QAM	18.84	18.82	18.79	20.96	0.1247
5	1	12		18.66	18.70	18.84		
5	1	24		18.84	18.75	18.86		
5	12	0		18.90	19.06	18.83		
5	12	7		18.77	18.93	18.90		
5	12	13		18.55	18.79	18.70		
5	25	0		18.61	18.91	18.70		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.89	23.92	23.73	25.82	0.3819
3	1	8		23.70	23.69	23.87		
3	1	14		23.80	23.68	23.56		
3	8	0		22.70	22.95	22.80		
3	8	4		22.64	22.83	22.71		
3	8	7		22.67	22.78	22.53		
3	15	0		22.83	22.86	22.74		
3	1	0	16-QAM	22.90	22.83	22.78	24.88	0.3076
3	1	8		22.82	22.75	22.98		
3	1	14		22.73	22.74	22.68		
3	8	0		21.81	21.92	21.75		
3	8	4		21.82	21.97	21.72		
3	8	7		21.85	21.68	21.76		
3	15	0		21.78	21.85	21.59		
3	1	0	64-QAM	21.76	21.73	21.83	23.80	0.2399
3	1	8		21.89	21.90	21.85		
3	1	14		21.88	21.89	21.73		
3	8	0		20.64	20.89	20.63		
3	8	4		20.85	20.88	20.72		
3	8	7		20.86	20.60	20.59		
3	15	0		20.84	20.74	20.76		
3	1	0	256-QAM	18.78	18.73	18.90	20.96	0.1247
3	1	8		18.62	18.81	18.86		
3	1	14		18.80	18.86	18.69		
3	8	0		18.90	19.06	18.77		
3	8	4		18.68	18.92	18.91		
3	8	7		18.57	18.75	18.68		
3	15	0		18.57	18.89	18.75		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.87	23.96	23.68	25.86	0.3855
1.4	1	3		23.73	23.78	23.70		
1.4	1	5		23.64	23.68	23.48		
1.4	3	0		23.81	23.77	23.71		
1.4	3	1		23.67	23.67	23.86		
1.4	3	3		23.74	23.79	23.58		
1.4	6	0		22.66	22.91	22.74		
1.4	1	0	16-QAM	22.63	22.94	22.64	24.84	0.3048
1.4	1	3		22.84	22.74	22.65		
1.4	1	5		22.70	22.86	22.78		
1.4	3	0		22.85	22.71	22.69		
1.4	3	1		22.83	22.82	22.94		
1.4	3	3		22.82	22.77	22.81		
1.4	6	0		21.74	21.86	21.72		
1.4	1	0	64-QAM	21.77	21.79	21.65	23.86	0.2432
1.4	1	3		21.76	21.64	21.69		
1.4	1	5		21.68	21.75	21.71		
1.4	3	0		21.69	21.85	21.75		
1.4	3	1		21.85	21.91	21.96		
1.4	3	3		21.83	21.78	21.71		
1.4	6	0		20.68	20.85	20.74		
1.4	1	0	256-QAM	18.82	18.82	18.75	20.94	0.1242
1.4	1	3		18.63	18.76	18.72		
1.4	1	5		18.90	18.80	18.83		
1.4	3	0		18.83	19.03	18.83		
1.4	3	1		18.72	19.04	18.89		
1.4	3	3		18.54	18.73	18.79		
1.4	6	0		18.77	18.76	18.69		
Limit	EIRP < 1W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.92	26.18	26.31	28.33	0.6808
20	1	49		26.12	26.39	26.40		
20	1	99		26.08	26.28	26.25		
20	50	0		25.18	25.44	25.46		
20	50	24		25.19	25.42	25.47		
20	50	50		25.17	25.46	25.44		
20	100	0		25.16	25.42	25.43		
20	1	0	16-QAM	25.14	25.50	25.51	27.44	0.5546
20	1	0	64-QAM	24.07	24.35	24.44	26.37	0.4335
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.06	26.35	26.36	28.31	0.6776
15	1	0	16-QAM	25.16	25.55	25.48	27.48	0.5598
15	1	0	64-QAM	24.12	24.40	24.39	26.33	0.4295
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.04	26.34	26.37	28.30	0.6761
10	1	0	16-QAM	25.27	25.64	25.59	27.57	0.5715
10	1	0	64-QAM	24.14	24.48	24.51	26.44	0.4406
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	26.05	26.34	26.38	28.31	0.6776
5	1	0	16-QAM	25.27	25.62	25.64	27.57	0.5715
5	1	0	64-QAM	24.23	24.53	24.53	26.46	0.4426
Limit	EIRP < 2W			Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	20.73	20.78	20.88	23.33	0.2153
10+10	1	0	1	49		13.73	13.87	13.87		
10+10	1	49	1	0		21.28	21.38	21.43		
10+10	50	0	50	0	16-QAM	19.71	19.81	19.87	23.75	0.2371
10+10	1	0	1	49		14.22	14.32	14.44		
10+10	1	49	1	0		21.72	21.85	21.85		
10+10	50	0	50	0	64-QAM	19.75	19.84	19.84	21.76	0.1500
10+10	1	0	1	49		14.08	14.13	14.09		
10+10	1	49	1	0		19.77	19.83	19.86		
10+10	50	0	50	0	256-QAM	17.63	17.88	17.71	19.78	0.0951
10+10	1	0	1	49		13.93	14.08	14.16		
10+10	1	49	1	0		17.67	17.57	17.75		
15+5	75	0	25	0	QPSK	20.84	20.87	20.95	23.61	0.2296
15+5	1	0	1	24		14.18	14.20	14.26		
15+5	1	74	1	0		21.68	21.70	21.71		
15+5	75	0	25	0	16-QAM	19.84	19.91	19.92	24.07	0.2553
15+5	1	0	1	24		14.64	14.75	14.63		
15+5	1	74	1	0		22.09	22.08	22.17		
15+5	75	0	25	0	64-QAM	19.82	19.88	19.95	22.11	0.1626
15+5	1	0	1	24		14.37	14.35	14.46		
15+5	1	74	1	0		20.12	20.12	20.21		
15+5	75	0	25	0	256-QAM	17.79	17.95	17.80	19.97	0.0993
15+5	1	0	1	24		14.35	14.42	14.47		
15+5	1	74	1	0		17.98	18.04	18.07		
5+15	25	0	75	0	QPSK	20.73	20.75	20.73	23.33	0.2153
5+15	1	0	1	74		13.82	13.88	13.92		
5+15	1	24	1	0		21.31	21.38	21.43		
5+15	25	0	75	0	16-QAM	19.72	19.78	19.78	23.83	0.2415
5+15	1	0	1	74		14.23	14.37	14.37		
5+15	1	24	1	0		21.83	21.93	21.93		
5+15	25	0	75	0	64-QAM	19.73	19.77	19.83	21.75	0.1496
5+15	1	0	1	74		14.07	14.15	14.16		
5+15	1	24	1	0		19.76	19.85	19.85		
5+15	25	0	75	0	256-QAM	17.64	17.81	17.68	19.71	0.0935
5+15	1	0	1	74		14.02	14.12	14.13		
5+15	1	24	1	0		17.63	17.78	17.75		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.45	20.54	20.49	23.16	0.2070
20+20	1	0	1	99		13.28	13.38	13.35		
20+20	1	99	1	0		21.20	21.24	21.26		
20+20	100	0	100	0	16-QAM	19.42	19.68	19.64	23.71	0.2350
20+20	1	0	1	99		13.72	13.84	13.81		
20+20	1	99	1	0		21.71	21.68	21.81		
20+20	100	0	100	0	64-QAM	19.42	19.69	19.64	21.63	0.1455
20+20	1	0	1	99		13.65	13.68	13.66		
20+20	1	99	1	0		19.58	19.73	19.61		
20+20	100	0	100	0	256-QAM	17.41	17.66	17.63	19.56	0.0904
20+20	1	0	1	99		13.51	13.53	13.59		
20+20	1	99	1	0		17.51	17.57	17.57		
20+15	100	0	75	0	QPSK	20.52	20.57	20.46	23.22	0.2100
20+15	1	0	1	74		13.43	13.53	13.53		
20+15	1	74	1	0		21.28	21.27	21.32		
20+15	100	0	75	0	16-QAM	19.51	19.73	19.59	23.77	0.2382
20+15	1	0	1	74		13.94	13.95	14.07		
20+15	1	74	1	0		21.76	21.87	21.75		
20+15	100	0	75	0	64-QAM	19.53	19.69	19.62	21.62	0.1452
20+15	1	0	1	74		13.74	13.84	13.82		
20+15	1	74	1	0		19.68	19.68	19.72		
20+15	100	0	75	0	256-QAM	17.47	17.69	17.55	19.59	0.0910
20+15	1	0	1	74		13.66	13.75	13.73		
20+15	1	74	1	0		17.55	17.56	17.63		
15+20	75	0	100	0	QPSK	20.52	20.54	20.44	23.26	0.2118
15+20	1	0	1	99		13.54	13.67	13.61		
15+20	1	74	1	0		21.31	21.36	21.36		
15+20	75	0	100	0	16-QAM	19.47	19.67	19.61	23.88	0.2443
15+20	1	0	1	99		13.89	14.09	14.08		
15+20	1	74	1	0		21.92	21.98	21.95		
15+20	75	0	100	0	64-QAM	19.48	19.70	19.61	21.72	0.1486
15+20	1	0	1	99		13.75	13.87	13.87		
15+20	1	74	1	0		19.65	19.82	19.68		
15+20	75	0	100	0	256-QAM	17.44	17.65	17.57	19.61	0.0914
15+20	1	0	1	99		13.73	13.89	13.83		
15+20	1	74	1	0		17.62	17.66	17.71		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.54	20.49	20.34	23.12	0.2051
20+10	1	0	1	49		13.49	13.57	13.59		
20+10	1	99	1	0		21.18	21.19	21.22		
20+10	100	0	50	0	16-QAM	19.54	19.63	19.48	23.67	0.2328
20+10	1	0	1	49		13.94	14.03	14.16		
20+10	1	99	1	0		21.71	21.77	21.67		
20+10	100	0	50	0	64-QAM	19.53	19.62	19.51	21.52	0.1419
20+10	1	0	1	49		13.72	13.87	13.86		
20+10	1	99	1	0		19.51	19.54	19.59		
20+10	100	0	50	0	256-QAM	17.48	17.59	17.49	19.49	0.0889
20+10	1	0	1	49		13.74	13.79	13.76		
20+10	1	99	1	0		17.56	17.53	17.47		
10+20	50	0	100	0	QPSK	20.45	20.38	20.32	23.03	0.2009
10+20	1	0	1	99		13.42	13.47	13.54		
10+20	1	49	1	0		21.08	21.08	21.13		
10+20	50	0	100	0	16-QAM	19.47	19.57	19.52	23.55	0.2265
10+20	1	0	1	99		13.93	14.01	14.07		
10+20	1	49	1	0		21.58	21.65	21.57		
10+20	50	0	100	0	64-QAM	19.45	19.59	19.49	21.49	0.1409
10+20	1	0	1	99		13.71	13.75	13.92		
10+20	1	49	1	0		19.45	19.56	19.41		
10+20	50	0	100	0	256-QAM	17.42	17.57	17.47	19.47	0.0885
10+20	1	0	1	99		13.63	13.71	13.72		
10+20	1	49	1	0		17.46	17.42	17.42		
20+5	100	0	25	0	QPSK	20.58	20.46	20.37	23.08	0.2032
20+5	1	0	1	24		13.60	13.65	13.66		
20+5	1	99	1	0		21.15	21.17	21.18		
20+5	100	0	25	0	16-QAM	19.57	19.61	19.54	23.55	0.2265
20+5	1	0	1	24		14.07	14.22	14.09		
20+5	1	99	1	0		21.65	21.61	21.62		
20+5	100	0	25	0	64-QAM	19.58	19.64	19.55	21.54	0.1426
20+5	1	0	1	24		13.84	13.91	13.97		
20+5	1	99	1	0		19.61	19.62	19.55		
20+5	100	0	25	0	256-QAM	17.53	17.60	17.51	19.50	0.0891
20+5	1	0	1	24		13.77	13.82	13.84		
20+5	1	99	1	0		17.51	17.42	17.44		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.43	20.37	20.34	23.10	0.2042
5+20	1	0	1	99		13.54	13.58	13.65		
5+20	1	24	1	0		21.03	21.12	21.20		
5+20	25	0	100	0	16-QAM	19.46	19.58	19.54	23.63	0.2307
5+20	1	0	1	99		13.99	14.08	14.01		
5+20	1	24	1	0		21.46	21.53	21.73		
5+20	25	0	100	0	64-QAM	19.45	19.59	19.53	21.49	0.1409
5+20	1	0	1	99		13.83	13.89	13.97		
5+20	1	24	1	0		19.37	19.52	19.51		
5+20	25	0	100	0	256-QAM	17.41	17.55	17.48	19.45	0.0881
5+20	1	0	1	99		13.76	13.78	13.84		
5+20	1	24	1	0		17.28	17.49	17.46		
Limit	EIRP < 1W				Result			Pass		



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	20.64	20.54	20.49	23.35	0.2163
15+10	1	0	1	49		13.75	13.81	13.84		
15+10	1	74	1	0		21.34	21.37	21.45		
15+10	75	0	50	0	16-QAM	19.63	19.74	19.62	23.92	0.2466
15+10	1	0	1	49		14.25	14.38	14.27		
15+10	1	74	1	0		21.88	21.79	22.02		
15+10	75	0	50	0	64-QAM	19.63	19.72	19.62	21.76	0.1500
15+10	1	0	1	49		14.03	14.05	14.09		
15+10	1	74	1	0		19.75	19.73	19.86		
15+10	75	0	50	0	256-QAM	17.59	17.71	17.58	19.64	0.0920
15+10	1	0	1	49		14.02	14.03	14.08		
15+10	1	74	1	0		17.69	17.73	17.74		
10+15	50	0	75	0	QPSK	20.54	20.51	20.43	23.17	0.2075
10+15	1	0	1	74		13.61	13.67	13.72		
10+15	1	49	1	0		21.17	21.27	21.24		
10+15	50	0	75	0	16-QAM	19.55	19.68	19.59	23.64	0.2312
10+15	1	0	1	74		14.16	14.13	14.13		
10+15	1	49	1	0		21.62	21.74	21.73		
10+15	50	0	75	0	64-QAM	19.59	19.68	19.61	21.68	0.1472
10+15	1	0	1	74		13.82	13.94	13.96		
10+15	1	49	1	0		19.63	19.66	19.78		
10+15	50	0	75	0	256-QAM	17.51	17.65	17.57	19.55	0.0902
10+15	1	0	1	74		13.78	13.87	13.89		
10+15	1	49	1	0		17.51	17.52	17.58		
15+15	75	0	75	0	QPSK	20.64	20.61	20.51	23.43	0.2203
15+15	1	0	1	74		13.73	13.83	13.83		
15+15	1	74	1	0		21.46	21.51	21.53		
15+15	75	0	75	0	16-QAM	19.63	19.78	19.67	23.96	0.2489
15+15	1	0	1	74		14.25	14.34	14.33		
15+15	1	74	1	0		21.97	21.97	22.06		
15+15	75	0	75	0	64-QAM	19.63	19.78	19.64	21.88	0.1542
15+15	1	0	1	74		14.03	14.06	14.06		
15+15	1	74	1	0		19.81	19.98	19.96		
15+15	75	0	75	0	256-QAM	17.59	17.76	17.61	19.74	0.0942
15+15	1	0	1	74		13.93	14.04	14.02		
15+15	1	74	1	0		17.68	17.76	17.84		
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.85 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.39	20.60	20.68	23.34	0.2158
20+20	1	0	1	99		13.45	13.51	13.55		
20+20	1	99	1	0		21.37	21.47	21.49		
20+20	1	0	1	99	16-QAM	14.08	13.87	14.18	23.92	0.2466
20+20	1	99	1	0		21.97	22.07	22.05		
20+20	100	0	100	0	64-QAM	19.43	19.64	19.58	21.59	0.1442
20+20	1	0	1	99		13.78	13.77	13.87		
20+20	1	99	1	0		19.64	19.74	19.73		
20+20	100	0	100	0	256-QAM	17.36	17.56	17.59	19.46	0.0883
20+20	1	0	1	99		13.78	13.73	13.78		
20+20	1	99	1	0		17.54	17.61	17.58		
20+15	100	0	75	0	QPSK	20.54	20.72	20.63	23.37	0.2173
20+15	1	0	1	74		13.67	13.67	13.69		
20+15	1	99	1	0		21.45	21.52	21.51		
20+15	100	0	75	0	16-QAM	19.56	19.68	19.61	23.94	0.2477
20+15	1	0	1	74		14.15	14.26	14.06		
20+15	1	99	1	0		22.01	22.09	21.96		
20+15	100	0	75	0	64-QAM	19.53	19.69	19.61	21.62	0.1452
20+15	1	0	1	74		13.98	13.88	14.08		
20+15	1	99	1	0		19.74	19.71	19.77		
20+15	100	0	75	0	256-QAM	17.53	17.63	17.57	19.49	0.0889
20+15	1	0	1	74		13.84	13.84	13.95		
20+15	1	99	1	0		17.54	17.61	17.64		
15+20	75	0	100	0	QPSK	20.59	20.71	20.66	23.55	0.2265
15+20	1	0	1	99		13.85	13.86	13.87		
15+20	1	74	1	0		21.56	21.66	21.70		
15+20	75	0	100	0	16-QAM	19.56	19.74	19.68	24.09	0.2564
15+20	1	0	1	99		14.33	14.24	14.53		
15+20	1	74	1	0		22.02	22.19	22.24		
15+20	75	0	100	0	64-QAM	19.57	19.69	19.67	21.82	0.1521
15+20	1	0	1	99		14.16	14.11	14.13		
15+20	1	74	1	0		19.84	19.97	19.87		
15+20	75	0	100	0	256-QAM	17.53	17.66	17.57	19.66	0.0925
15+20	1	0	1	99		14.05	13.97	14.10		
15+20	1	74	1	0		17.67	17.81	17.78		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.85 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	75	0	QPSK	20.56	20.73	20.66	23.30	0.2138
20+10	1	0	1	74		13.71	13.78	13.78		
20+10	1	99	1	0		21.33	21.45	21.42		
20+10	100	0	75	0	16-QAM	19.55	19.71	19.61	23.82	0.2410
20+10	1	0	1	74		14.14	14.42	14.17		
20+10	1	99	1	0		21.88	21.86	21.97		
20+10	100	0	75	0	64-QAM	19.58	19.69	19.60	21.58	0.1439
20+10	1	0	1	74		13.85	14.03	14.13		
20+10	1	99	1	0		19.73	19.71	19.63		
20+10	100	0	75	0	256-QAM	17.51	17.65	17.58	19.50	0.0891
20+10	1	0	1	74		14.03	14.10	13.96		
20+10	1	99	1	0		17.48	17.58	17.54		
10+20	75	0	100	0	QPSK	20.57	20.71	20.63	23.30	0.2138
10+20	1	0	1	99		13.71	13.74	13.75		
10+20	1	74	1	0		21.37	21.44	21.45		
10+20	75	0	100	0	16-QAM	19.57	19.67	19.60	23.83	0.2415
10+20	1	0	1	99		14.07	14.27	14.33		
10+20	1	74	1	0		21.83	21.92	21.98		
10+20	75	0	100	0	64-QAM	19.61	19.65	19.61	21.59	0.1442
10+20	1	0	1	99		14.06	14.11	13.99		
10+20	1	74	1	0		19.74	19.71	19.74		
10+20	75	0	100	0	256-QAM	17.58	17.59	17.55	19.44	0.0879
10+20	1	0	1	99		13.98	13.94	13.91		
10+20	1	74	1	0		17.52	17.55	17.52		
15+15	75	0	100	0	QPSK	20.67	20.68	20.64	23.52	0.2249
15+15	1	0	1	99		13.93	13.93	13.94		
15+15	1	74	1	0		21.63	21.67	21.65		
15+15	75	0	100	0	16-QAM	19.64	19.72	19.64	23.95	0.2483
15+15	1	0	1	99		14.36	14.38	14.47		
15+15	1	74	1	0		21.96	22.04	22.10		
15+15	75	0	100	0	64-QAM	19.58	19.72	19.65	21.82	0.1521
15+15	1	0	1	99		14.20	14.17	14.24		
15+15	1	74	1	0		19.83	19.97	19.97		
15+15	75	0	100	0	256-QAM	17.57	17.68	17.59	19.62	0.0916
15+15	1	0	1	99		14.07	14.12	14.06		
15+15	1	74	1	0		17.75	17.77	17.75		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.85 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	100	0	QPSK	20.74	20.78	20.73	23.52	0.2249
15+10	1	0	1	99		14.02	14.07	14.01		
15+10	1	74	1	0		21.57	21.67	21.59		
15+10	75	0	100	0	16-QAM	19.75	19.78	19.71	24.01	0.2518
15+10	1	0	1	99		14.57	14.51	14.54		
15+10	1	74	1	0		22.16	22.14	22.02		
15+10	75	0	100	0	64-QAM	19.74	19.77	19.70	21.74	0.1493
15+10	1	0	1	99		14.26	14.39	14.43		
15+10	1	74	1	0		19.83	19.89	19.87		
15+10	75	0	100	0	256-QAM	17.67	17.76	17.65	19.66	0.0925
15+10	1	0	1	99		14.22	14.28	14.16		
15+10	1	74	1	0		17.77	17.81	17.70		
Limit	EIRP < 2W					Result			Pass	



LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 1.54 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.54	20.58	20.58	22.91	0.1954
20+20	1	0	1	99		13.51	13.52	13.55		
20+20	1	99	1	0		21.37	21.33	21.32		
20+20	100	0	100	0	16-QAM	19.56	19.59	19.60	23.48	0.2228
20+20	1	0	1	99		14.05	14.05	14.07		
20+20	1	99	1	0		21.94	21.91	21.86		
20+20	100	0	100	0	64-QAM	19.55	19.59	19.59	21.13	0.1297
20+20	1	0	1	99		13.77	13.75	13.78		
20+20	1	99	1	0		19.55	19.51	19.48		
20+20	100	0	100	0	256-QAM	17.51	17.52	17.52	19.06	0.0805
20+20	1	0	1	99		13.72	13.67	13.73		
20+20	1	99	1	0		17.50	17.47	17.42		
15+15	75	0	75	0	QPSK	20.63	20.64	20.61	23.06	0.2023
15+15	1	0	1	74		13.85	13.86	13.89		
15+15	1	74	1	0		21.52	21.52	21.48		
15+15	75	0	75	0	16-QAM	19.65	19.65	19.62	23.60	0.2291
15+15	1	0	1	74		14.37	14.36	14.42		
15+15	1	74	1	0		22.06	22.03	22.01		
15+15	75	0	75	0	64-QAM	19.65	19.64	19.62	21.23	0.1327
15+15	1	0	1	74		14.07	14.07	14.11		
15+15	1	74	1	0		19.66	19.69	19.66		
15+15	75	0	75	0	256-QAM	17.61	17.61	17.61	19.17	0.0826
15+15	1	0	1	74		14.03	14.02	14.06		
15+15	1	74	1	0		17.62	17.63	17.59		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.93 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	19.85	18.65	19.98	23.75	0.2371
20+20	1	0	1	99		12.70	12.49	12.72		
20+20	1	99	1	0		21.82	21.59	21.73		
20+20	100	0	100	0	16-QAM	19.07	18.86	19.07	22.74	0.1879
20+20	1	0	1	99		12.71	12.47	12.76		
20+20	1	99	1	0		20.81	20.64	20.74		
20+20	100	0	100	0	64-QAM	18.99	18.82	19.02	20.95	0.1245
20+20	1	0	1	99		12.73	12.49	12.71		
20+20	1	99	1	0		18.91	18.76	18.84		
20+15	100	0	75	0	QPSK	19.89	19.67	19.88	23.83	0.2415
20+15	1	0	1	74		12.92	12.78	12.97		
20+15	1	99	1	0		21.89	21.61	21.90		
20+15	100	0	75	0	16-QAM	19.12	18.89	19.06	22.86	0.1932
20+15	1	0	1	74		13.00	12.82	13.01		
20+15	1	99	1	0		20.92	20.68	20.93		
20+15	100	0	75	0	64-QAM	19.11	18.85	19.05	21.04	0.1271
20+15	1	0	1	74		12.96	12.81	13.02		
20+15	1	99	1	0		19.01	18.81	19.02		
15+20	75	0	100	0	QPSK	19.84	19.61	18.89	23.69	0.2339
15+20	1	0	1	99		12.78	12.77	12.93		
15+20	1	74	1	0		21.76	21.56	20.79		
15+20	75	0	100	0	16-QAM	18.96	18.77	18.87	22.81	0.1910
15+20	1	0	1	99		12.89	12.68	12.86		
15+20	1	74	1	0		20.88	20.50	18.83		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.93 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	19.71	18.74	18.90	23.69	0.2339
20+10	1	0	1	49		12.87	12.62	12.84		
20+10	1	99	1	0		21.76	20.63	20.80		
20+10	1	0	1	49	16-QAM	12.94	12.80	12.92	22.79	0.1901
20+10	1	99	1	0		20.86	18.64	18.92		
20+10	100	0	50	0	64-QAM	19.00	18.80	18.88	20.93	0.1239
20+10	1	0	1	49		12.77	12.80	12.92		
20+10	1	99	1	0		18.91	18.64	18.92		
10+20	50	0	100	0	QPSK	19.79	19.52	19.88	23.80	0.2399
10+20	1	0	1	99		12.83	12.64	12.92		
10+20	1	49	1	0		21.84	21.49	21.87		
10+20	1	0	1	99	16-QAM	12.94	12.80	13.00	22.71	0.1866
10+20	1	49	1	0		20.77	20.54	20.78		
10+20	50	0	100	0	64-QAM	19.05	18.79	19.04	20.98	0.1253
10+20	1	0	1	99		12.95	12.69	12.88		
10+20	1	49	1	0		18.81	18.75	18.99		
20+5	100	0	25	0	QPSK	19.85	19.64	19.85	23.69	0.2339
20+5	1	0	1	24		12.80	12.64	12.97		
20+5	1	99	1	0		21.76	21.60	21.75		
20+5	1	0	1	24	16-QAM	12.96	12.76	12.93	22.72	0.1871
20+5	1	99	1	0		20.73	20.51	20.79		
20+5	100	0	25	0	64-QAM	19.03	18.80	18.87	20.96	0.1247
20+5	1	0	1	24		12.83	12.65	12.90		
20+5	1	99	1	0		18.97	18.75	18.84		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.93 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	19.76	19.67	19.79	23.76	0.2377
5+20	1	0	1	99		12.90	12.73	12.91		
5+20	1	24	1	0		21.73	21.50	21.83		
5+20	1	0	1	99	16-QAM	12.87	12.62	12.94	22.80	0.1905
5+20	1	24	1	0		20.87	20.53	20.75		
5+20	25	0	100	0	64-QAM	18.99	18.76	18.96	20.95	0.1245
5+20	1	0	1	99		12.94	12.70	12.83		
5+20	1	24	1	0		18.86	18.79	19.02		
15+10	75	0	50	0	QPSK	19.69	19.61	19.79	23.76	0.2377
15+10	1	0	1	49		12.83	12.61	12.92		
15+10	1	74	1	0		21.83	21.50	21.71		
15+10	1	0	1	49	16-QAM	12.85	12.70	12.82	22.75	0.1884
15+10	1	74	1	0		20.78	20.50	20.82		
15+10	75	0	50	0	64-QAM	19.02	18.83	18.91	20.95	0.1245
15+10	1	0	1	49		12.79	12.80	12.86		
15+10	1	74	1	0		18.90	18.65	18.90		
10+15	50	0	75	0	QPSK	19.70	19.58	19.84	23.75	0.2371
10+15	1	0	1	74		12.83	12.61	12.96		
10+15	1	49	1	0		21.80	21.60	21.82		
10+15	1	0	1	74	16-QAM	12.83	12.70	12.92	22.86	0.1932
10+15	1	49	1	0		20.85	20.49	20.93		
10+15	50	0	75	0	64-QAM	19.02	18.73	19.03	20.96	0.1247
10+15	1	0	1	74		12.91	12.74	12.86		
10+15	1	49	1	0		18.88	18.69	18.88		
15+15	75	0	75	0	QPSK	19.70	18.84	18.86	23.62	0.2301
15+15	1	0	1	74		12.79	12.77	12.87		
15+15	1	74	1	0		21.69	20.49	20.89		
15+15	1	0	1	74	16-QAM	12.98	12.72	12.96	22.71	0.1866
15+15	1	74	1	0		20.78	18.68	18.90		
15+15	75	0	75	0	64-QAM	19.01	18.84	18.85	20.94	0.1242
15+15	1	0	1	74		12.83	12.72	12.96		
15+15	1	74	1	0		18.96	18.68	18.90		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.93 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	24.34	24.33	24.40	28.25	0.6683
20+20	1	0	1	99		17.31	17.32	17.32		
20+20	1	99	1	0		26.24	26.24	26.32		
20+20	100	0	100	0	16-QAM	23.40	23.38	23.44	26.78	0.4764
20+20	1	0	1	99		17.30	17.35	17.40		
20+20	1	99	1	0		24.79	24.82	24.85		
20+20	100	0	100	0	64-QAM	23.39	23.39	23.45	25.38	0.3451
20+20	1	0	1	99		17.16	17.18	17.25		
20+20	1	99	1	0		23.16	23.14	23.20		
20+15	100	0	75	0	QPSK	24.63	24.65	24.54	28.24	0.6668
20+15	1	0	1	74		17.68	17.58	17.75		
20+15	1	99	1	0		26.31	26.08	26.13		
20+15	100	0	75	0	16-QAM	23.69	23.61	23.63	27.05	0.5070
20+15	1	0	1	74		17.68	17.59	17.77		
20+15	1	99	1	0		25.12	24.88	25.06		
20+15	100	0	75	0	64-QAM	23.67	23.57	23.60	25.60	0.3631
20+15	1	0	1	74		17.67	17.64	17.77		
20+15	1	99	1	0		23.56	23.46	23.49		
15+20	75	0	100	0	QPSK	24.59	24.61	24.63	28.18	0.6577
15+20	1	0	1	99		17.67	17.61	17.74		
15+20	1	74	1	0		26.25	26.24	26.14		
15+20	75	0	100	0	16-QAM	23.66	23.64	23.67	27.09	0.5117
15+20	1	0	1	99		17.72	17.65	17.83		
15+20	1	74	1	0		25.13	25.14	25.16		
15+20	75	0	100	0	64-QAM	23.67	23.65	23.66	25.60	0.3631
15+20	1	0	1	99		17.68	17.61	17.76		
15+20	1	74	1	0		23.55	23.56	23.58		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.93 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	24.60	24.58	24.57	28.18	0.6577
20+10	1	0	1	49		17.62	17.63	17.76		
20+10	1	99	1	0		26.25	24.23	26.06		
20+10	100	0	50	0	16-QAM	23.67	23.58	23.64	26.77	0.4753
20+10	1	0	1	49		17.53	17.57	17.69		
20+10	1	99	1	0		24.84	24.69	24.77		
20+10	100	0	50	0	64-QAM	23.65	23.60	23.60	25.58	0.3614
20+10	1	0	1	49		18.09	17.68	17.79		
20+10	1	99	1	0		23.44	23.34	23.37		
10+20	50	0	100	0	QPSK	24.59	24.67	24.64	28.20	0.6607
10+20	1	0	1	99		17.64	17.66	17.73		
10+20	1	49	1	0		26.21	26.23	26.27		
10+20	50	0	100	0	16-QAM	23.64	23.65	23.68	26.87	0.4864
10+20	1	0	1	99		17.53	17.51	17.65		
10+20	1	49	1	0		24.88	24.94	24.87		
10+20	50	0	100	0	64-QAM	23.62	23.67	23.67	25.60	0.3631
10+20	1	0	1	99		17.68	17.67	17.76		
10+20	1	49	1	0		23.46	23.48	23.46		
20+5	100	0	25	0	QPSK	24.62	24.62	24.53	28.07	0.6412
20+5	1	0	1	24		17.78	17.89	17.82		
20+5	1	99	1	0		26.14	22.33	25.89		
20+5	100	0	25	0	16-QAM	23.68	23.67	23.63	27.00	0.5012
20+5	1	0	1	24		17.78	17.86	17.86		
20+5	1	99	1	0		25.07	22.37	25.03		
20+5	100	0	25	0	64-QAM	23.69	23.65	23.62	25.62	0.3648
20+5	1	0	1	24		17.80	17.84	17.51		
20+5	1	99	1	0		23.42	22.34	23.37		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.93 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	24.36	24.72	24.52	28.17	0.6561
5+20	1	0	1	99		17.76	17.82	17.81		
5+20	1	24	1	0		26.07	26.24	26.14		
5+20	25	0	100	0	16-QAM	23.63	23.78	23.75	27.03	0.5047
5+20	1	0	1	99		17.74	17.81	17.81		
5+20	1	24	1	0		25.07	25.10	25.08		
5+20	25	0	100	0	64-QAM	23.66	23.30	23.75	25.68	0.3698
5+20	1	0	1	99		17.81	17.84	17.86		
5+20	1	24	1	0		23.38	23.47	23.42		
15+10	75	0	50	0	QPSK	24.42	24.46	24.43	28.21	0.6622
15+10	1	0	1	49		17.61	17.75	17.73		
15+10	1	74	1	0		26.28	26.03	26.20		
15+10	75	0	50	0	16-QAM	23.45	23.48	23.43	26.79	0.4775
15+10	1	0	1	49		17.63	17.75	17.75		
15+10	1	74	1	0		24.81	24.85	24.86		
15+10	75	0	50	0	64-QAM	23.48	23.49	23.46	25.42	0.3483
15+10	1	0	1	49		17.48	17.58	17.57		
15+10	1	74	1	0		23.19	23.20	23.18		
10+15	50	0	75	0	QPSK	24.39	24.50	24.45	28.24	0.6668
10+15	1	0	1	74		17.62	17.72	17.70		
10+15	1	49	1	0		26.31	26.22	26.16		
10+15	50	0	75	0	16-QAM	23.45	23.54	23.53	26.84	0.4831
10+15	1	0	1	74		17.62	17.72	17.71		
10+15	1	49	1	0		24.85	24.91	24.83		
10+15	50	0	75	0	64-QAM	23.48	23.55	23.53	25.48	0.3532
10+15	1	0	1	74		17.50	17.57	17.57		
10+15	1	49	1	0		23.22	23.26	23.17		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.93 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	24.44	24.49	24.44	28.23	0.6653
15+15	1	0	1	74		17.65	17.68	17.74		
15+15	1	74	1	0		26.30	26.30	26.30		
15+15	75	0	75	0	16-QAM	23.47	23.50	23.46	26.93	0.4932
15+15	1	0	1	74		17.63	17.67	17.77		
15+15	1	74	1	0		24.95	25.00	24.89		
15+15	75	0	75	0	64-QAM	23.49	23.52	23.50	25.45	0.3508
15+15	1	0	1	74		17.52	17.52	17.58		
15+15	1	74	1	0		23.32	22.90	23.30		
Limit	EIRP < 2W					Result			Pass	



Appendix B. Test Results of Radiated Test

<Sample 1>

LTE Band 26 (Ant. Main)

LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-42.45	-13	-29.45	-52.1	-48.04	0.92	8.66	H
	2474	-36.51	-13	-23.51	-50.46	-43.88	1.14	10.66	H
	3296	-54.64	-13	-41.64	-70.7	-63.18	1.32	12.01	H
	4128	-48.34	-13	-35.34	-67.06	-57.49	1.47	12.77	H
									H
									H
	1648	-44.29	-13	-31.29	-53.41	-49.88	0.92	8.66	V
	2474	-38.10	-13	-25.10	-52.2	-45.47	1.14	10.66	V
	3296	-54.45	-13	-41.45	-70.98	-62.99	1.32	12.01	V
	4128	-47.16	-13	-34.16	-65.94	-56.31	1.47	12.77	V
								V	
								V	
Middle	1656	-41.59	-13	-28.59	-51.26	-47.21	0.92	8.69	H
	2488	-35.45	-13	-22.45	-49.41	-42.84	1.15	10.68	H
	3320	-54.84	-13	-41.84	-70.86	-63.43	1.33	12.07	H
	4152	-46.52	-13	-33.52	-65.25	-55.67	1.47	12.77	H
									H
									H
	1656	-43.68	-13	-30.68	-52.78	-49.30	0.92	8.69	V
	2488	-37.66	-13	-24.66	-51.81	-45.05	1.15	10.68	V
	3320	-54.30	-13	-41.30	-70.78	-62.89	1.33	12.07	V
	4152	-45.60	-13	-32.60	-64.42	-54.75	1.47	12.77	V
								V	
								V	



Highest	1672	-39.93	-13	-26.93	-49.65	-45.61	0.93	8.75	H
	2504	-39.10	-13	-26.10	-53.06	-46.50	1.15	10.70	H
	3336	-54.92	-13	-41.92	-70.91	-63.55	1.33	12.11	H
	4176	-44.64	-13	-31.64	-63.4	-53.79	1.46	12.76	H
									H
									H
									H
	1672	-41.77	-13	-28.77	-50.86	-47.45	0.93	8.75	V
	2504	-38.07	-13	-25.07	-52.24	-45.47	1.15	10.70	V
	3336	-54.74	-13	-41.74	-71.19	-63.37	1.33	12.11	V
	4176	-48.24	-13	-35.24	-67.12	-57.39	1.46	12.76	V
									V
									V
									V

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



LTE Band 5B (Ant. Main)

LTE Band 5B / 10MHz+10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1664	-42.17	-13	-29.17	-53.81	-48.63	0.81	9.42	H
	2500	-35.41	-13	-22.41	-50.07	-42.65	1.11	10.50	H
	3334	-53.31	-13	-40.31	-71.02	-62.29	1.10	12.24	H
									H
									H
									H
									H
	1664	-44.07	-13	-31.07	-55.66	-50.53	0.81	9.42	V
	2500	-35.74	-13	-22.74	-50.45	-42.98	1.11	10.50	V
	3334	-52.68	-13	-39.68	-70.7	-61.66	1.10	12.24	V
									V
									V
									V
									V
Middle	1672	-39.13	-13	-26.13	-48.85	-44.81	0.93	8.75	H
	2512	-37.53	-13	-24.53	-51.49	-44.94	1.15	10.71	H
	3344	-55.08	-13	-42.08	-71.06	-63.72	1.33	12.13	H
									H
									H
									H
									H
	1672	-45.25	-13	-32.25	-54.34	-50.93	0.93	8.75	V
	2512	-39.50	-13	-26.50	-53.65	-46.91	1.15	10.71	V
	3344	-54.40	-13	-41.40	-70.83	-63.04	1.33	12.13	V
									V
									V
									V
									V
								V	



Highest	1680	-42.57	-13	-29.57	-54.22	-49.09	0.81	9.48	H
	2516	-38.40	-13	-25.40	-53.19	-45.73	1.10	10.58	H
	3354	-53.01	-13	-40.01	-70.72	-62.10	1.10	12.35	H
									H
									H
									H
									H
	1680	-43.34	-13	-30.34	-54.96	-49.86	0.81	9.48	V
	2516	-39.42	-13	-26.42	-54.27	-46.75	1.10	10.58	V
	3354	-38.96	-13	-25.96	-56.99	-48.05	1.10	12.35	V
									V
									V
									V
									V

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



LTE Band 25 (Ant. Main)

LTE Band 25 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-51.84	-13	-38.84	-71.3	-62.71	1.23	12.10	H
	5553	-47.72	-13	-34.72	-71.91	-59.30	1.58	13.15	H
	7404	-42.05	-13	-29.05	-72.43	-51.50	1.94	11.39	H
									H
									H
									H
									H
	3702	-51.68	-13	-38.68	-71.4	-62.55	1.23	12.10	V
	5553	-45.40	-13	-32.40	-72.29	-56.98	1.58	13.15	V
	7404	-41.80	-13	-28.80	-72.28	-51.25	1.94	11.39	V
									V
									V
									V
									V
Middle	3742	-51.65	-13	-38.65	-71.1	-62.61	1.18	12.14	H
	5613	-47.95	-13	-34.95	-72.11	-59.66	1.51	13.21	H
	7484	-42.19	-13	-29.19	-72.35	-51.50	1.92	11.23	H
									H
									H
									H
									H
	3742	-50.92	-13	-37.92	-70.65	-61.88	1.18	12.14	V
	5613	-44.96	-13	-31.96	-71.95	-56.67	1.51	13.21	V
	7484	-41.97	-13	-28.97	-72.25	-51.28	1.92	11.23	V
									V
									V
									V
									V



Highest	3792	-51.66	-13	-38.66	-71.08	-62.72	1.13	12.19	H
	5688	-47.52	-13	-34.52	-71.76	-59.38	1.43	13.29	H
	7584	-42.41	-13	-29.41	-72.46	-52.06	1.89	11.54	H
									H
									H
									H
									H
	3792	-49.87	-13	-36.87	-69.61	-60.93	1.13	12.19	V
	5688	-43.27	-13	-30.27	-70.08	-55.13	1.43	13.29	V
	7584	-41.89	-13	-28.89	-72.11	-51.54	1.89	11.54	V
									V
									V
									V
									V

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



LTE Band 25 (Ant MIMO 2)

LTE Band 25 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-52.03	-13	-39.03	-71.49	-62.90	1.23	12.10	H
	5553	-48.18	-13	-35.18	-72.37	-59.76	1.58	13.15	H
	7404	-41.45	-13	-28.45	-71.83	-50.90	1.94	11.39	H
									H
									H
									H
									H
	3702	-51.53	-13	-38.53	-71.25	-62.40	1.23	12.10	V
	5553	-45.12	-13	-32.12	-72.01	-56.70	1.58	13.15	V
	7404	-41.01	-13	-28.01	-71.49	-50.46	1.94	11.39	V
									V
									V
									V
									V
Middle	3742	-52.01	-13	-39.01	-71.46	-62.97	1.18	12.14	H
	5613	-47.91	-13	-34.91	-72.07	-59.62	1.51	13.21	H
	7484	-42.17	-13	-29.17	-72.33	-51.48	1.92	11.23	H
									H
									H
									H
									H
	3742	-51.46	-13	-38.46	-71.19	-62.42	1.18	12.14	V
	5613	-45.22	-13	-32.22	-72.21	-56.93	1.51	13.21	V
	7484	-41.40	-13	-28.40	-71.68	-50.71	1.92	11.23	V
									V
									V
									V
									V



Highest	3792	-51.62	-13	-38.62	-71.04	-62.68	1.13	12.19	H
	5688	-47.12	-13	-34.12	-71.36	-58.98	1.43	13.29	H
	7584	-41.90	-13	-28.90	-71.95	-51.55	1.89	11.54	H
									H
									H
									H
									H
	3792	-51.65	-13	-38.65	-71.39	-62.71	1.13	12.19	V
	5688	-44.91	-13	-31.91	-71.72	-56.77	1.43	13.29	V
	7584	-42.13	-13	-29.13	-72.35	-51.78	1.89	11.54	V
									V
									V
									V
									V

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



LTE Band 12 (Ant. Main)

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-39.62	-13.00	-26.62	-50.55	-44.27	0.84	7.64	H
	2096	-36.77	-13.00	-23.77	-50.25	-43.69	1.06	10.13	H
	2800	-55.71	-13.00	-42.71	-70.53	-63.40	1.22	11.06	H
									H
									H
									H
									H
	1400	-42.45	-13.00	-29.45	-52.15	-47.10	0.84	7.64	V
	2096	-41.72	-13.00	-28.72	-54.10	-48.64	1.06	10.13	V
	2800	-55.85	-13.00	-42.85	-70.61	-63.54	1.22	11.06	V
									V
									V
									V
									V
Middle	1408	-38.82	-13.00	-25.82	-49.70	-43.50	0.85	7.68	H
	2112	-37.38	-13.00	-24.38	-51.13	-44.32	1.06	10.16	H
	2812	-55.58	-13.00	-42.58	-70.45	-63.28	1.22	11.07	H
									H
									H
									H
									H
	1408	-40.32	-13.00	-27.32	-49.98	-45.00	0.85	7.68	V
	2112	-40.79	-13.00	-27.79	-53.42	-47.73	1.06	10.16	V
	2812	-55.38	-13.00	-42.38	-70.20	-63.08	1.22	11.07	V
									V
									V
									V
									V



Highest	1416	-38.94	-13.00	-25.94	-49.78	-43.66	0.85	7.71	H
	2120	-37.32	-13.00	-24.32	-51.19	-44.27	1.07	10.17	H
	2824	-55.31	-13.00	-42.31	-70.24	-63.02	1.23	11.09	H
									H
									H
									H
									H
	1416	-41.50	-13.00	-28.50	-49.13	36.78	0.85	7.71	V
	2120	-41.09	-13.00	-28.09	-53.83	-48.04	1.07	10.17	V
	2824	-55.33	-13.00	-42.33	-70.23	-63.04	1.23	11.09	V
									V
									V
									V
									V

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



LTE Band 13 (Ant. Main)

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1563	-48.64	-42.15	-6.49	-60.00	-54.48	0.80	8.79	H
	2345	-44.27	-13	-31.27	-59.00	-50.86	0.99	9.73	H
	3126	-53.46	-13	-40.46	-70.72	-61.57	1.10	11.35	H
									H
									H
									H
									H
	1563	-47.71	-42.15	-5.56	-59.07	-53.55	0.80	8.79	V
	2345	-40.19	-13	-27.19	-55.17	-46.78	0.99	9.73	V
	3126	-53.00	-13	-40.00	-70.50	-61.11	1.10	11.35	V
									V
									V
									V
									V
Middle	1568	-48.64	-42.15	-6.49	-60.03	-54.54	0.80	8.85	H
	2353	-39.47	-13	-26.47	-54.19	-46.09	0.99	9.77	H
	3137	-53.57	-13	-40.57	-70.88	-61.70	1.10	11.37	H
									H
									H
									H
									H
	1568	-49.27	-42.15	-7.12	-60.63	-55.17	0.80	8.85	V
	2353	-43.58	-13	-30.58	-58.52	-50.20	0.99	9.77	V
	3137	-53.10	-13	-40.10	-70.65	-61.23	1.10	11.37	V
									V
									V
									V
									V
								V	



Highest	1573	-50.67	-42.15	-8.52	-62.09	-56.62	0.80	8.90	H
	2360	-44.03	-13	-31.03	-58.74	-50.69	0.99	9.80	H
	3147	-53.85	-13	-40.85	-71.21	-61.99	1.10	11.39	H
									H
									H
									H
									H
	1573	-48.96	-42.15	-6.81	-60.33	-54.91	0.80	8.90	V
	2360	-43.77	-13	-30.77	-58.67	-50.43	0.99	9.80	V
	3147	-53.59	-13	-40.59	-71.20	-61.73	1.10	11.39	V
									V
									V
									V
									V

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



LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1564	-48.73	-42.15	-6.58	-60.1	-54.58	0.80	8.80	H
	2346	-44.81	-13	-31.81	-59.54	-51.40	0.99	9.73	H
	3128	-52.86	-13	-39.86	-70.13	-60.97	1.10	11.36	H
									H
									H
									H
									H
	1564	-46.89	-42.15	-4.74	-58.24	-52.74	0.80	8.80	V
	2346	-44.00	-13	-31.00	-58.98	-50.59	0.99	9.73	V
	3128	-53.32	-13	-40.32	-70.82	-61.43	1.10	11.36	V
									V
									V
									V
									V

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



LTE Band 66 (Ant. Main)

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3422	-48.29	-13	-35.29	-67.07	-59.71	1.14	12.56	H
	5133	-36.86	-13	-23.86	-59.75	-48.22	1.30	12.67	H
	6844	-43.99	-13	-30.99	-72.33	-54.57	1.85	12.42	H
									H
									H
									H
									H
	3422	-45.61	-13	-32.61	-64.54	-57.03	1.14	12.56	V
	5133	-37.56	-13	-24.56	-61.27	-48.92	1.30	12.67	V
	6844	-43.05	-13	-30.05	-72.14	-53.63	1.85	12.42	V
									V
									V
									V
									V
Middle	3472	-48.18	-13	-35.18	-67.69	-59.41	1.22	12.46	H
	5208	-33.54	-13	-20.54	-56.63	-44.97	1.30	12.72	H
	6944	-43.49	-13	-30.49	-71.98	-53.67	1.84	12.02	H
									H
									H
									H
									H
	3472	-46.76	-13	-33.76	-66.01	-57.99	1.22	12.46	V
	5208	-29.03	-13	-16.03	-53.14	-40.46	1.30	12.72	V
	6944	-42.79	-13	-29.79	-71.6	-52.97	1.84	12.02	V
									V
									V
									V
									V
								V	



Highest	3522	-50.84	-13	-37.84	-70.67	-61.87	1.29	12.31	H
	5283	-44.11	-13	-31.11	-67.78	-55.61	1.45	12.95	H
	7044	-42.83	-13	-29.83	-71.63	-52.68	1.84	11.69	H
									H
									H
									H
									H
	3522	-50.87	-13	-37.87	-70.35	-61.90	1.29	12.31	V
	5283	-42.32	-13	-29.32	-67.27	-53.82	1.45	12.95	V
	7044	-42.89	-13	-29.89	-71.84	-52.74	1.84	11.69	V
									V
									V
									V
									V

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



LTE Band 66B (Ant. Main)

LTE Band 66B / 10MHz+10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3441	-49.24	-13	-36.24	-68.31	-60.59	1.17	12.52	H
	5156	-37.43	-13	-24.43	-60.36	-48.81	1.30	12.68	H
	6878	-43.68	-13	-30.68	-72.07	-54.12	1.85	12.29	H
									H
									H
									H
									H
	3441	-46.85	-13	-33.85	-65.91	-58.20	1.17	12.52	V
	5156	-37.47	-13	-24.47	-61.29	-48.85	1.30	12.68	V
	6878	-42.97	-13	-29.97	-71.96	-53.41	1.85	12.29	V
									V
									V
									V
									V
Middle	3511	-50.64	-13	-37.64	-70.51	-61.72	1.28	12.36	H
	5261	-41.38	-13	-28.38	-64.88	-52.86	1.41	12.88	H
	7018	-43.22	-13	-30.22	-71.9	-53.14	1.84	11.76	H
									H
									H
									H
									H
	3511	-50.50	-13	-37.50	-69.95	-61.58	1.28	12.36	V
	5261	-32.40	-13	-19.40	-57.11	-43.88	1.41	12.88	V
	7018	-42.05	-13	-29.05	-70.84	-51.97	1.84	11.76	V
									V
									V
									V
									V



Highest	3539	-51.13	-13	-38.13	-70.88	-62.08	1.30	12.24	H
	5310	-45.85	-13	-32.85	-69.74	-57.37	1.51	13.03	H
	7081	-42.80	-13	-29.80	-71.77	-52.56	1.84	11.60	H
									H
									H
									H
									H
	3539	-49.99	-13	-36.99	-69.52	-60.94	1.30	12.24	V
	5310	-42.66	-13	-29.66	-67.92	-54.18	1.51	13.03	V
	7081	-41.81	-13	-28.81	-70.99	-51.57	1.84	11.60	V
									V
									V
									V
									V

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



LTE Band 66C (Ant. Main)

LTE Band 66C / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3455	-51.72	-13	-38.72	-70.99	-63.02	1.19	12.49	H
	5186	-48.78	-13	-35.78	-71.77	-60.19	1.28	12.69	H
	6915	-43.49	-13	-30.49	-71.94	-53.79	1.84	12.14	H
									H
									H
									H
									H
	3455	-52.15	-13	-39.15	-71.3	-63.45	1.19	12.49	V
	5186	-47.76	-13	-34.76	-71.71	-59.17	1.28	12.69	V
	6915	-42.75	-13	-29.75	-71.65	-53.05	1.84	12.14	V
									V
									V
									V
									V
Middle	3509	-51.23	-13	-38.23	-71.1	-62.32	1.28	12.36	H
	5261	-47.80	-13	-34.80	-71.3	-59.28	1.41	12.88	H
	7018	-42.28	-13	-29.28	-70.96	-52.20	1.84	11.76	H
									H
									H
									H
									H
	3509	-51.76	-13	-38.76	-71.2	-62.85	1.28	12.36	V
	5261	-47.05	-13	-34.05	-71.76	-58.53	1.41	12.88	V
	7018	-42.62	-13	-29.62	-71.41	-52.54	1.84	11.76	V
									V
									V
									V
									V



Highest	3518	-51.55	-13	-38.55	-71.39	-62.60	1.28	12.33	H
	5277	-48.05	-13	-35.05	-71.68	-59.54	1.44	12.93	H
	7036	-42.80	-13	-29.80	-71.55	-52.67	1.84	11.71	H
									H
									H
									H
									H
	3518	-51.71	-13	-38.71	-71.18	-62.76	1.28	12.33	V
	5277	-46.59	-13	-33.59	-71.48	-58.08	1.44	12.93	V
	7036	-42.79	-13	-29.79	-71.71	-52.66	1.84	11.71	V
									V
									V
									V
									V

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



LTE Band 7 (Ant. Main)

LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-48.34	-25	-23.34	-70.97	-59.59	1.35	12.60	H
	7503	-41.70	-25	-16.70	-71.82	-50.99	1.92	11.21	H
	10008	-36.30	-25	-11.30	-71.31	-45.11	2.29	11.10	H
									H
									H
									H
									H
	5004	-46.94	-25	-21.94	-70.05	-58.19	1.35	12.60	V
	7503	-41.83	-25	-16.83	-72.08	-51.12	1.92	11.21	V
	10008	-37.66	-25	-12.66	-71.31	-46.47	2.29	11.10	V
									V
									V
									V
									V
Middle	5052	-47.48	-25	-22.48	-70.2	-58.77	1.33	12.63	H
	7578	-41.87	-25	-16.87	-71.93	-51.49	1.90	11.51	H
	10107	-36.51	-25	-11.51	-71.61	-45.26	2.28	11.04	H
									H
									H
									H
									H
	5052	-44.19	-25	-19.19	-67.52	-55.48	1.33	12.63	V
	7578	-41.82	-25	-16.82	-72.04	-51.44	1.90	11.51	V
	10107	-37.62	-25	-12.62	-71.52	-46.37	2.28	11.04	V
									V
									V
									V
									V



Highest	5100	-45.70	-25	-20.70	-68.53	-57.04	1.32	12.65	H
	7653	-41.51	-25	-16.51	-71.62	-51.25	1.89	11.63	H
	10206	-36.03	-25	-11.03	-71.21	-44.73	2.27	10.98	H
									H
									H
									H
									H
	5100	-40.73	-25	-15.73	-64.29	-52.07	1.32	12.65	V
	7653	-41.44	-25	-16.44	-71.76	-51.18	1.89	11.63	V
	10206	-37.40	-25	-12.40	-71.55	-46.10	2.27	10.98	V
									V
									V
									V
									V

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



LTE Band 7C (Ant. Main)

LTE Band 7 / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5040	-48.52	-25	-23.52	-71.23	-59.80	1.34	12.62	H
	7554	-41.76	-25	-16.76	-71.84	-51.27	1.90	11.42	H
	10071	-36.53	-25	-11.53	-71.6	-45.30	2.28	11.06	H
									H
									H
									H
									H
	5040	-47.10	-25	-22.10	-70.38	-58.38	1.34	12.62	V
	7554	-41.84	-25	-16.84	-72.07	-51.35	1.90	11.42	V
	10071	-37.70	-25	-12.70	-71.51	-46.47	2.28	11.06	V
									V
									V
									V
									V
Middle	5070	-48.03	-25	-23.03	-70.79	-59.34	1.33	12.64	H
	7602	-41.68	-25	-16.68	-71.72	-51.39	1.89	11.60	H
	10134	-36.13	-25	-11.13	-71.25	-44.87	2.28	11.02	H
									H
									H
									H
									H
	5070	-41.67	-25	-16.67	-65.08	-52.98	1.33	12.64	V
	7602	-41.54	-25	-16.54	-71.75	-51.25	1.89	11.60	V
	10134	-37.20	-25	-12.20	-71.17	-45.94	2.28	11.02	V
									V
									V
									V
									V
								V	



Highest	5100	-48.51	-25	-23.51	-71.34	-59.85	1.32	12.65	H
	7647	-42.10	-25	-17.10	-72.19	-51.84	1.89	11.62	H
	10197	-36.32	-25	-11.32	-71.49	-45.03	2.27	10.98	H
									H
									H
									H
									H
	5100	-47.63	-25	-22.63	-71.19	-58.97	1.32	12.65	V
	7647	-41.66	-25	-16.66	-71.96	-51.40	1.89	11.62	V
	10197	-37.48	-25	-12.48	-71.6	-46.19	2.27	10.98	V
									V
									V
									V
									V

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



LTE Band 41(HPUE) (Ant MIMO 2)

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4994	-48.65	-25	-23.65	-71.28	-59.64	1.61	12.60	H
	7491	-42.08	-25	-17.08	-72.22	-51.21	1.99	11.11	H
	9988	-36.45	-25	-11.45	-71.44	-45.36	2.40	11.30	H
									H
									H
									H
									H
	4994	-48.29	-25	-23.29	-71.37	-59.28	1.61	12.60	V
	7491	-36.56	-25	-11.56	-66.82	-45.69	1.99	11.11	V
	9988	-37.96	-25	-12.96	-71.61	-46.87	2.40	11.30	V
									V
									V
									V
									V
Middle	5168	-48.49	-25	-23.49	-71.45	-59.88	1.29	12.68	H
	7752	-41.37	-25	-16.37	-71.62	-51.16	1.88	11.68	H
	10332	-36.74	-25	-11.74	-72.02	-45.38	2.26	10.90	H
									H
									H
									H
									H
	5168	-46.49	-25	-21.49	-70.36	-57.88	1.29	12.68	V
	7752	-41.19	-25	-16.19	-71.7	-50.98	1.88	11.68	V
	10332	-37.75	-25	-12.75	-72.21	-46.39	2.26	10.90	V
									V
									V
									V
									V



Highest	5342	-48.14	-25	-23.14	-72.28	-59.52	1.70	13.08	H
	8013	-40.57	-25	-15.57	-71.95	-49.74	2.06	11.23	H
	10683	-36.58	-25	-11.58	-72.41	-44.99	2.49	10.90	H
									H
									H
									H
									H
	5342	-47.07	-25	-22.07	-72.68	-58.45	1.70	13.08	V
	8013	-39.66	-25	-14.66	-71.41	-48.83	2.06	11.23	V
	10683	-36.99	-25	-11.99	-72.44	-45.40	2.49	10.90	V
									V
									V
									V
									V

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



LTE Band 41C(HPUE) (Ant MIMO 2)

LTE Band 41C / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5028	-48.79	-25	-23.79	-71.48	-60.06	1.34	12.61	H
	7544	-42.02	-25	-17.02	-72.11	-51.49	1.91	11.38	H
	10062	-36.41	-25	-11.41	-71.47	-45.19	2.29	11.06	H
									H
									H
									H
									H
	5028	-47.90	-25	-22.90	-71.13	-59.17	1.34	12.61	V
	7544	-41.87	-25	-16.87	-72.1	-51.34	1.91	11.38	V
	10062	-37.69	-25	-12.69	-71.49	-46.47	2.29	11.06	V
									V
									V
									V
									V
Middle	5184	-48.78	-25	-23.78	-71.77	-60.19	1.29	12.69	H
	7776	-41.62	-25	-16.62	-71.9	-51.43	1.88	11.69	H
	10368	-36.54	-25	-11.54	-71.85	-45.16	2.26	10.88	H
									H
									H
									H
									H
	5184	-47.05	-25	-22.05	-70.99	-58.46	1.29	12.69	V
	7776	-41.15	-25	-16.15	-71.71	-50.96	1.88	11.69	V
	10368	-36.92	-25	-11.92	-71.46	-45.54	2.26	10.88	V
									V
									V
									V
									V
								V	



Highest	5304	-48.18	-25	-23.18	-72.02	-59.70	1.49	13.01	H
	7956	-40.50	-25	-15.50	-71.63	-49.84	1.97	11.31	H
	10602	-36.67	-25	-11.67	-72.32	-45.17	2.24	10.74	H
									H
									H
									H
									H
	5304	-47.05	-25	-22.05	-72.24	-58.57	1.49	13.01	V
	7956	-40.40	-25	-15.40	-71.9	-49.74	1.97	11.31	V
	10602	-37.04	-25	-12.04	-72.23	-45.54	2.24	10.74	V
									V
									V
									V
									V

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



LTE Band 7 (Ant MIMO 2)

LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-48.88	-25	-23.88	-71.51	-60.13	1.35	12.60	H
	7503	-41.71	-25	-16.71	-71.83	-51.00	1.92	11.21	H
	10008	-35.93	-25	-10.93	-70.94	-44.74	2.29	11.10	H
									H
									H
									H
									H
	5004	-47.68	-25	-22.68	-70.79	-58.93	1.35	12.60	V
	7503	-41.60	-25	-16.60	-71.85	-50.89	1.92	11.21	V
	10008	-37.36	-25	-12.36	-71.01	-46.17	2.29	11.10	V
									V
									V
									V
									V
Middle	5052	-48.45	-25	-23.45	-71.17	-59.74	1.33	12.63	H
	7578	-41.67	-25	-16.67	-71.73	-51.29	1.90	11.51	H
	10107	-35.94	-25	-10.94	-71.04	-44.69	2.28	11.04	H
									H
									H
									H
									H
	5052	-48.03	-25	-23.03	-71.36	-59.32	1.33	12.63	V
	7578	-41.49	-25	-16.49	-71.71	-51.11	1.90	11.51	V
	10107	-37.28	-25	-12.28	-71.18	-46.03	2.28	11.04	V
									V
									V
									V
									V



Highest	5100	-48.61	-25	-23.61	-71.44	-59.95	1.32	12.65	H
	7653	-41.41	-25	-16.41	-71.52	-51.15	1.89	11.63	H
	10206	-36.61	-25	-11.61	-71.79	-45.31	2.27	10.98	H
									H
									H
									H
									H
	5100	-47.58	-25	-22.58	-71.14	-58.92	1.32	12.65	V
	7653	-41.60	-25	-16.60	-71.92	-51.34	1.89	11.63	V
	10206	-37.71	-25	-12.71	-71.86	-46.41	2.27	10.98	V
									V
									V
									V
									V
								V	

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



LTE Band 7C (Ant MIMO 2)

LTE Band 7 / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5040	-48.48	-25	-23.48	-71.19	-59.76	1.34	12.62	H
	7554	-41.92	-25	-16.92	-72	-51.43	1.90	11.42	H
	10071	-36.16	-25	-11.16	-71.23	-44.93	2.28	11.06	H
									H
									H
									H
									H
	5040	-47.54	-25	-22.54	-70.82	-58.82	1.34	12.62	V
	7554	-41.65	-25	-16.65	-71.88	-51.16	1.90	11.42	V
	10071	-37.40	-25	-12.40	-71.21	-46.17	2.28	11.06	V
									V
									V
									V
									V
Middle	5070	-47.77	-25	-22.77	-70.53	-59.08	1.33	12.64	H
	7602	-41.93	-25	-16.93	-71.97	-51.64	1.89	11.60	H
	10134	-36.17	-25	-11.17	-71.29	-44.91	2.28	11.02	H
									H
									H
									H
									H
	5070	-45.01	-25	-20.01	-68.42	-56.32	1.33	12.64	V
	7602	-42.01	-25	-17.01	-72.22	-51.72	1.89	11.60	V
	10134	-37.24	-25	-12.24	-71.21	-45.98	2.28	11.02	V
									V
									V
									V
									V
								V	



Highest	5100	-48.95	-25	-23.95	-71.78	-60.29	1.32	12.65	H
	7647	-41.99	-25	-16.99	-72.08	-51.72	1.89	11.62	H
	10197	-36.60	-25	-11.60	-71.77	-45.31	2.27	10.98	H
									H
									H
									H
									H
	5100	-47.83	-25	-22.83	-71.39	-59.17	1.32	12.65	V
	7647	-41.63	-25	-16.63	-71.93	-51.37	1.89	11.62	V
	10197	-37.15	-25	-12.15	-71.27	-45.86	2.27	10.98	V
									V
									V
									V
									V

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



LTE Band 41(HPUE) (Ant Main)

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4994	-48.34	-25	-23.34	-70.97	-59.33	1.61	12.60	H
	7491	-41.95	-25	-16.95	-72.09	-51.08	1.99	11.11	H
	9988	-36.41	-25	-11.41	-71.4	-45.32	2.40	11.30	H
									H
									H
									H
									H
	4994	-45.65	-25	-20.65	-68.73	-56.64	1.61	12.60	V
	7491	-41.97	-25	-16.97	-72.23	-51.10	1.99	11.11	V
	9988	-37.51	-25	-12.51	-71.16	-46.42	2.40	11.30	V
									V
									V
									V
									V
Middle	5168	-47.93	-25	-22.93	-70.88	-59.32	1.29	12.68	H
	7752	-42.13	-25	-17.13	-72.38	-51.92	1.88	11.68	H
	10332	-36.38	-25	-11.38	-71.66	-45.02	2.26	10.90	H
									H
									H
									H
									H
	5168	-44.83	-25	-19.83	-68.69	-56.22	1.29	12.68	V
	7752	-41.30	-25	-16.30	-71.81	-51.09	1.88	11.68	V
	10332	-37.15	-25	-12.15	-71.61	-45.79	2.26	10.90	V
									V
									V
									V
									V



Highest	5342	-48.78	-25	-23.78	-72.9	-60.33	1.57	13.13	H
	8013	-40.61	-25	-15.61	-71.99	-49.86	2.00	11.25	H
	10683	-36.17	-25	-11.17	-72	-44.63	2.23	10.69	H
									H
									H
									H
									H
	5342	-46.91	-25	-21.91	-72.5	-58.46	1.57	13.13	V
	8013	-40.20	-25	-15.20	-71.95	-49.45	2.00	11.25	V
	10683	-36.51	-25	-11.51	-71.96	-44.97	2.23	10.69	V
									V
									V
									V
									V

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



LTE Band 41C(HPUE) (Ant Main)

LTE Band 41C / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5028	-48.74	-25	-23.74	-71.43	-60.01	1.34	12.61	H
	7544	-42.38	-25	-17.38	-72.47	-51.85	1.91	11.38	H
	10062	-36.05	-25	-11.05	-71.11	-44.83	2.29	11.06	H
									H
									H
									H
									H
	5028	-48.61	-25	-23.61	-71.84	-59.88	1.34	12.61	V
	7544	-42.12	-25	-17.12	-72.35	-51.59	1.91	11.38	V
	10062	-37.66	-25	-12.66	-71.46	-46.44	2.29	11.06	V
									V
									V
									V
									V
Middle	5184	-48.93	-25	-23.93	-71.92	-60.34	1.29	12.69	H
	7776	-41.79	-25	-16.79	-72.07	-51.60	1.88	11.69	H
	10368	-36.25	-25	-11.25	-71.56	-44.87	2.26	10.88	H
									H
									H
									H
									H
	5184	-48.17	-25	-23.17	-72.11	-59.58	1.29	12.69	V
	7776	-41.46	-25	-16.46	-72.02	-51.27	1.88	11.69	V
	10368	-37.12	-25	-12.12	-71.66	-45.74	2.26	10.88	V
									V
									V
									V
									V
								V	



Highest	5304	-48.55	-25	-23.55	-72.39	-60.07	1.49	13.01	H
	7956	-40.88	-25	-15.88	-72.01	-50.22	1.97	11.31	H
	10602	-36.46	-25	-11.46	-72.11	-44.96	2.24	10.74	H
									H
									H
									H
									H
	5304	-47.28	-25	-22.28	-72.47	-58.80	1.49	13.01	V
	7956	-40.41	-25	-15.41	-71.91	-49.75	1.97	11.31	V
	10602	-36.64	-25	-11.64	-71.83	-45.14	2.24	10.74	V
									V
									V
									V
									V

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



LTE Band 38 (Ant Main)

LTE Band 38 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5142	-47.31	-25	-22.31	-70.23	-58.46	1.65	12.80	H
	7713	-41.85	-25	-16.85	-72.04	-50.97	2.02	11.14	H
	10284	-36.65	-25	-11.65	-71.9	-45.33	2.39	11.07	H
									H
									H
									H
									H
	5142	-47.95	-25	-22.95	-71.71	-59.10	1.65	12.80	V
	7713	-41.39	-25	-16.39	-71.82	-50.51	2.02	11.14	V
	10284	-37.33	-25	-12.33	-71.68	-46.01	2.39	11.07	V
									V
									V
									V
									V
Middle	5172	-47.91	-25	-22.91	-70.87	-59.31	1.29	12.69	H
	7758	-41.90	-25	-16.90	-72.15	-51.70	1.88	11.68	H
	10341	-36.59	-25	-11.59	-71.89	-45.22	2.26	10.90	H
									H
									H
									H
									H
	5172	-44.14	-25	-19.14	-68.03	-55.54	1.29	12.69	V
	7758	-41.81	-25	-16.81	-72.33	-51.61	1.88	11.68	V
	10341	-37.18	-25	-12.18	-71.66	-45.81	2.26	10.90	V
									V
									V
									V
									V
								V	



Highest	5202	-47.26	-25	-22.26	-70.3	-58.68	1.28	12.71	H
	7803	-41.87	-25	-16.87	-72.2	-51.68	1.88	11.69	H
	10404	-36.16	-25	-11.16	-71.5	-44.76	2.26	10.86	H
									H
									H
									H
									H
	5202	-43.48	-25	-18.48	-67.53	-54.90	1.28	12.71	V
	7803	-41.59	-25	-16.59	-72.21	-51.40	1.88	11.69	V
	10404	-36.84	-25	-11.84	-71.47	-45.44	2.26	10.86	V
									V
									V
									V
									V

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



LTE Band 38 (Ant MIMO 2)

LTE Band 38 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5142	-48.81	-25	-23.81	-71.73	-59.96	1.65	12.80	H
	7713	-41.77	-25	-16.77	-71.96	-50.89	2.02	11.14	H
	10284	-36.64	-25	-11.64	-71.88	-45.32	2.39	11.07	H
									H
									H
									H
									H
	5142	-47.76	-25	-22.76	-71.52	-58.91	1.65	12.80	V
	7713	-41.24	-25	-16.24	-71.67	-50.36	2.02	11.14	V
	10284	-37.48	-25	-12.48	-71.82	-46.16	2.39	11.07	V
									V
									V
									V
									V
Middle	5172	-48.82	-25	-23.82	-71.78	-60.22	1.29	12.69	H
	7758	-41.81	-25	-16.81	-72.06	-51.61	1.88	11.68	H
	10341	-36.66	-25	-11.66	-71.96	-45.29	2.26	10.90	H
									H
									H
									H
									H
	5172	-48.20	-25	-23.20	-72.09	-59.60	1.29	12.69	V
	7758	-41.77	-25	-16.77	-72.29	-51.57	1.88	11.68	V
	10341	-37.38	-25	-12.38	-71.86	-46.01	2.26	10.90	V
									V
									V
									V
									V
								V	



Highest	5202	-49.25	-25	-24.25	-72.29	-60.67	1.28	12.71	H
	7803	-41.87	-25	-16.87	-72.2	-51.68	1.88	11.69	H
	10404	-35.78	-25	-10.78	-71.12	-44.38	2.26	10.86	H
									H
									H
									H
									H
	5202	-48.04	-25	-23.04	-72.09	-59.46	1.28	12.71	V
	7803	-41.14	-25	-16.14	-71.76	-50.95	1.88	11.69	V
	10404	-36.52	-25	-11.52	-71.15	-45.12	2.26	10.86	V
									V
									V
									V
									V

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



LTE Band 71 (Ant Main)

LTE Band 71 / 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-40.66	-13	-27.66	-51.29	-47.14	0.83	7.31	H
	1992	-43.25	-13	-30.25	-55.07	-52.18	1.04	9.97	H
	2656	-56.08	-13	-43.08	-70.3	-65.78	1.19	10.89	H
									H
									H
									H
									H
	1328	-42.48	-13	-29.48	-52.27	-48.96	0.83	7.31	V
	1992	-45.17	-13	-32.17	-56.02	-54.10	1.04	9.97	V
	2656	-54.81	-13	-41.81	-69	-64.51	1.19	10.89	V
									V
									V
									V
									V
Middle	1352	-42.63	-13	-29.63	-53.35	-49.22	0.83	7.42	H
	2022	-42.06	-13	-29.06	-54.36	-51.05	1.04	10.03	H
	2696	-55.47	-13	-42.47	-69.85	-65.21	1.20	10.94	H
									H
									H
									H
									H
	1352	-44.38	-13	-31.38	-54.14	-50.97	0.83	7.42	V
	2022	-46.19	-13	-33.19	-57.46	-55.18	1.04	10.03	V
	2696	-55.47	-13	-42.47	-69.8	-65.21	1.20	10.94	V
									V
									V
									V
									V
								V	



Highest	1360	-40.48	-13	-27.48	-51.24	-47.10	0.83	7.46	H
	2037	-42.28	-13	-29.28	-54.79	-51.28	1.05	10.05	H
	2712	-56.27	-13	-43.27	-70.72	-66.02	1.20	10.95	H
									H
									H
									H
									H
	1360	-44.80	-13	-31.80	-54.55	-51.42	0.83	7.46	V
	2037	-45.00	-13	-32.00	-56.49	-54.00	1.05	10.05	V
	2712	-56.01	-13	-43.01	-70.41	-65.76	1.20	10.95	V
									V
									V
									V
									V
								V	

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



<Sample 2>

LTE Band 66 (Ant MIMO 2)

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3469	-51.07	-13	-38.07	-70.86	-62.31	1.22	12.46	H
	5205	-47.66	-13	-34.66	-67.4	-59.08	1.29	12.72	H
	6941	-43.43	-13	-30.43	-72.04	-53.62	1.84	12.04	H
									H
									H
									H
									H
	3469	-51.64	-13	-38.64	70.86	-62.88	1.22	12.46	V
	5205	-43.32	-13	-30.32	-67.4	-54.74	1.29	12.72	V
	6941	-43.21	-13	-30.21	-72.04	-53.40	1.84	12.04	V
									V
									V
									V
									V

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



LTE Band 66B (Ant MIMO 2)

LTE Band 66B / 10MHz+10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3511	-51.54	-13	-38.54	-71.41	-62.62	1.28	12.36	H
	5261	-48.06	-13	-35.06	-71.56	-59.54	1.41	12.88	H
	7018	-42.91	-13	-29.91	-71.59	-52.83	1.84	11.76	H
									H
									H
									H
									H
	3511	-51.94	-13	-38.94	-71.39	-63.02	1.28	12.36	V
	5261	-46.96	-13	-33.96	-71.67	-58.44	1.41	12.88	V
	7018	-42.70	-13	-29.70	-71.49	-52.62	1.84	11.76	V
									V
									V
									V
									V

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



LTE Band 66C (Ant MIMO 2)

LTE Band 66C / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3455	-51.65	-13	-38.65	-70.92	-62.95	1.19	12.49	H
	5186	-48.81	-13	-35.81	-71.8	-60.22	1.28	12.69	H
	6915	-43.37	-13	-30.37	-71.82	-53.67	1.84	12.14	H
									H
									H
									H
									H
	3455	-52.02	-13	-39.02	-71.17	-63.32	1.19	12.49	V
	5186	-47.54	-13	-34.54	-71.49	-58.95	1.28	12.69	V
	6913	-43.13	-13	-30.13	-72.03	-53.43	1.84	12.15	V
									V
									V
									V
									V
Middle	3511	-51.13	-13	-38.13	-70.99	-62.21	1.28	12.36	H
	5261	-47.88	-13	-34.88	-71.38	-59.36	1.41	12.88	H
	7018	-42.77	-13	-29.77	-71.45	-52.69	1.84	11.76	H
									H
									H
									H
									H
	3511	-51.70	-13	-38.70	-71.15	-62.78	1.28	12.36	V
	5261	-46.62	-13	-33.62	-71.33	-58.10	1.41	12.88	V
	7018	-42.49	-13	-29.49	-71.28	-52.41	1.84	11.76	V
									V
									V
									V
									V



Highest	3518	-51.16	-13	-38.16	-71	-62.21	1.28	12.33	H
	5277	-48.08	-13	-35.08	-71.71	-59.57	1.44	12.93	H
	7036	-43.08	-13	-30.08	-71.83	-52.95	1.84	11.71	H
									H
									H
									H
									H
	3518	-51.75	-13	-38.75	-71.22	-62.80	1.28	12.33	V
	5277	-46.91	-13	-33.91	-71.8	-58.40	1.44	12.93	V
	7036	-42.87	-13	-29.87	-71.79	-52.74	1.84	11.71	V
									V
									V
									V
									V

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