



FCC RADIO TEST REPORT

FCC ID : 2AJN7-TP00152A
Equipment : Notebook Computer
Brand Name : Lenovo
Model Name : TP00152A, TP00152B
Applicant : LC Future Center Limited Taiwan Branch
7F., No.780, Beian Rd., Zhongshan Dist., Taipei 104, Taiwan
Manufacturer : LCFC (HeFei) Electronics Technology Co., Ltd.
No. 3188-1, Yungu Road (Hefei Export Processing Zone), Hefei
Economics & Technology Development Area, Anhui, CHINA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)

Equipment: Quectel RM520N-GL tested inside of Lenovo Notebook Computer.

The product was received on Nov. 23, 2023 and testing was performed from Dec. 01, 2023 to Jan. 03, 2024. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory



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History of this test report

Report No.	Version	Description	Issue Date
FG3N2403B	01	Initial issue of report	Feb. 01, 2024
FG3N2403B	02	Revise Summary of Test Result, Section 1.1, Section 1.2 and Section 2.4 This report is an updated version, replacing the report issued on Feb. 01, 2024.	Feb. 20, 2024



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) §90.635	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)		
	§27.50 (a)(3)	Effective Isotropic Radiated Power (Band 30)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (Band 42)		
	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (Band 43)		
-	§24.232 (d) §27.50 (d)(5) §27.50 (j)(4)	Peak-to-Average Ratio		-
-	§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 §27.53 (a)(4)	Conducted Band Edge Measurement (Band 30)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measuremen (Band 14)		
	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement (Band 42)		
	§2.1051 §27.53 (l)(2)	Conducted Band Edge Measuremen (Band 43)		
-	§2.1051 §90.210 (n)	Emission Mask (Band 14)	-	See Note
	§2.1051 §90.691	Emission masks (Band 26)		



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h) §90.691	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)		
	§2.1051 §27.53 (a)(4)	Conducted Spurious Emission (Band 30)		
	§2.1051 §90.543 (e)(3)	Conducted Spurious Emission (Band 14)		
	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (Band 42)		
	§2.1051 §27.53 (l)(2)	Conducted Spurious Emission (Band 43)		
-	§2.1055 §22.355 §24.235 §27.54 §90.539 (e) §90.231	Frequency Stability Temperature & Voltage	-	See Note



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §90.691	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	30.09 dB under the limit at 10204.00 MHz
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1053 §27.53 (a)(4)	Radiated Spurious Emission (Band 30)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (Band 14)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (Band 42)		
	§2.1051 §27.53 (l)(2)	Radiated Spurious Emission (Band 43)		

Note:

- For host device, Radiated Spurious Emission and Equivalent Isotropic Radiated Power are verified and complies with the limit in this test report.
- For host device, the Conducted Output Power is no difference after compared to module (Model: RM520N-GL)

Conformity Assessment Condition:

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

Disclaimer:

- The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
- The purpose of different model name is for marketing segmentation.

Reviewed by: Sheng Kuo

Report Producer: Ming Chen



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Notebook Computer
Brand Name	Lenovo
Model Name	TP00152A, TP00152B
FCC ID	2AJN7-TP00152A
Sample 1	EUT with Amphenol Taiwan Corporation Antenna
Sample 2	EUT with Luxshare-ICT Antenna
Integrated WLAN Module	Brand Name: Intel Model Name: AX211D2W FCC ID: PD9AX211D2
Integrated WLAN Module	Brand Name: Intel Model Name: BE200D2W FCC ID: PD9BE200D2
Integrated NFC Module	Brand Name: Foxconn Model Name: T77H747
EUT supports Radios application	WCDMA/HSPA/LTE/5G NR/GNSS/NFC WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 WLAN 11be EHT20/EHT40/EHT80/EHT160/EHT320 Bluetooth BR/EDR/LE
EUT Stage	Production Unit

Remark:

1. The above EUT's information was declared by manufacturer.
2. Equipment: Quectel RM520N-GL tested inside of Lenovo Notebook Computer.



Support band and evaluated information	
Supported band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71, B42, B43
Evaluated and Tested band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71, B42, B43
Band covered information	<p>Wider operating frequency band range covers narrower one when the power is worse as follows:</p> <ul style="list-style-type: none"> ■ B26 cover B5 (Part 22) ■ B25 cover B2 (Part 24) ■ B12 cover B17 (Part 27) ■ B41 cover B38 (Part 27) ■ B66 cover B4 (Part 27)
Main Antenna	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71
MIMO2 Antenna	B42, B43

TDD band Power Class		
	PC3	PC2
B38	√	-
B41	√	√
B42	√	
B43	√	



WWAN Antenna Information				
Main Antenna	Manufacturer	Amphenol Taiwan Corporation	Peak gain(dBi)	LTE Band 2 : -0.42 LTE Band 4 : 1.30 LTE Band 5 : 0.29 LTE Band 7 : 1.90 LTE Band 12 : -1.41 LTE Band 13 : -1.14 LTE Band 14 : -0.94 LTE Band 17 : -1.32 LTE Band 25 : -0.16 LTE Band 26 : 0.29 LTE Band 30 : 0.48 LTE Band 38 : 1.90 LTE Band 41 : 1.80 LTE Band 66 : 1.30 LTE Band 71 : -1.09
	Part number	DC330022430 DC330022420	Type	PIFA
	Manufacturer	Luxshare-ICT	Peak gain(dBi)	LTE Band 2 : -0.42 LTE Band 4 : 1.30 LTE Band 5 : 0.29 LTE Band 7 : 1.90 LTE Band 12 : -1.41 LTE Band 13 : -1.14 LTE Band 14 : -0.94 LTE Band 17 : -1.32 LTE Band 25 : -0.16 LTE Band 26 : 0.29 LTE Band 30 : 0.48 LTE Band 38 : 1.90 LTE Band 41 : 1.80 LTE Band 66 : 1.30 LTE Band 71 : -1.09
	Part number	DC330022530 DC330022520	Type	PIFA
MIMO 2 Antenna	Manufacturer	Amphenol Taiwan Corporation	Peak gain(dBi)	LTE Band 42 : 0.90 LTE Band 43 : 0.73
	Part number	DC330022430	Type	PIFA
	Manufacturer	Luxshare-ICT	Peak gain(dBi)	LTE Band 42 : 0.90 LTE Band 43 : 0.73
	Part number	DC330022530	Type	PIFA

Remark: The above EUT's information was declared by manufacturer. Please refer to Disclaimer 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 14: 790.5 MHz ~ 795.5 MHz LTE Band 17: 706.5 MHz ~ 713.5 MHz LTE Band 25: 1850.7MHz ~ 1914.3 MHz LTE Band 26 (Part22H): 824.7 MHz ~ 848.3 MHz LTE Band 26 (Part90S): 814.7 MHz ~ 823.3 MHz LTE Band 30: 2307.5 MHz ~ 2312.5 MHz LTE Band 38: 2572.5 MHz ~ 2617.5MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 42: 3452.5 MHz ~ 3547.5 MHz LTE Band 43: 3702.5 MHz ~ 3797.5 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 14: 760.5 MHz ~ 765.5 MHz LTE Band 17: 736.5 MHz ~ 743.5 MHz LTE Band 25: 1930.7MHz ~ 1994.3 MHz LTE Band 26 (Part22H): 869.7 MHz ~ 893.3MHz LTE Band 26 (Part90S): 859.7 MHz ~ 868.3 MHz LTE Band 30: 2352.5 MHz ~ 2357.5 MHz LTE Band 38: 2572.5 MHz ~ 2617.5MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 42: 3452.5 MHz ~ 3547.5 MHz LTE Band 43: 3702.5 MHz ~ 3797.5 MHz LTE Band 66: 2110.7 MHz ~ 2199.3 MHz LTE Band 71: 619.5 MHz ~ 649.5 MHz



Product Specification is subject to this standard	
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 14: 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 30 : 5MHz / 10MHz LTE Band 38: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 42: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 43: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 71: 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	<Main Antenna>: LTE Band 2 : 23.34 dBm LTE Band 2C : 24.13 dBm LTE Band 4 : 23.53 dBm LTE Band 5 : 23.53 dBm LTE Band 5B : 24.68 dBm LTE Band 7 : 23.28 dBm LTE Band 7C : 24.51 dBm LTE Band 12 : 23.82 dBm LTE Band 13 : 23.60 dBm LTE Band 14 : 23.69 dBm LTE Band 17 : 23.80 dBm LTE Band 25 : 23.35 dBm LTE Band 26 : 23.54 dBm for Part22H LTE Band 26 : 23.58 dBm for Part90S LTE Band 30 : 21.41 dBm LTE Band 38 : 23.34 dBm LTE Band 38C : 24.31 dBm LTE Band 41 : 23.23 dBm LTE Band 41 : 25.70 dBm for HPUE LTE Band 41C : 25.48 dBm LTE Band 66 : 23.54 dBm LTE Band 66B : 24.45 dBm LTE Band 66C : 23.88 dBm LTE Band 71 : 23.74 dBm <MIMO2 Antenna>: LTE Band 42 : 20.36 dBm LTE Band 42C : 21.76 dBm LTE Band 43 : 20.31 dBm LTE Band 43C : 21.91 dBm
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM



1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333
Test Site No.	Sporton Site No.
	TH03-HY
Test Engineer	Diego Huang
Temperature (°C)	21.7~23.8 °C
Relative Humidity (%)	50.7~52.9 %

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010
Test Site No.	Sporton Site No.
	03CH21-HY (TAF Code: 3786)
Test Engineer	Jack Cheng, Ray Lung and Sky Chang
Temperature (°C)	18~26
Relative Humidity (%)	50~70
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory

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

FCC Designation No.: TW1190 and TW3786

1.5 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

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



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

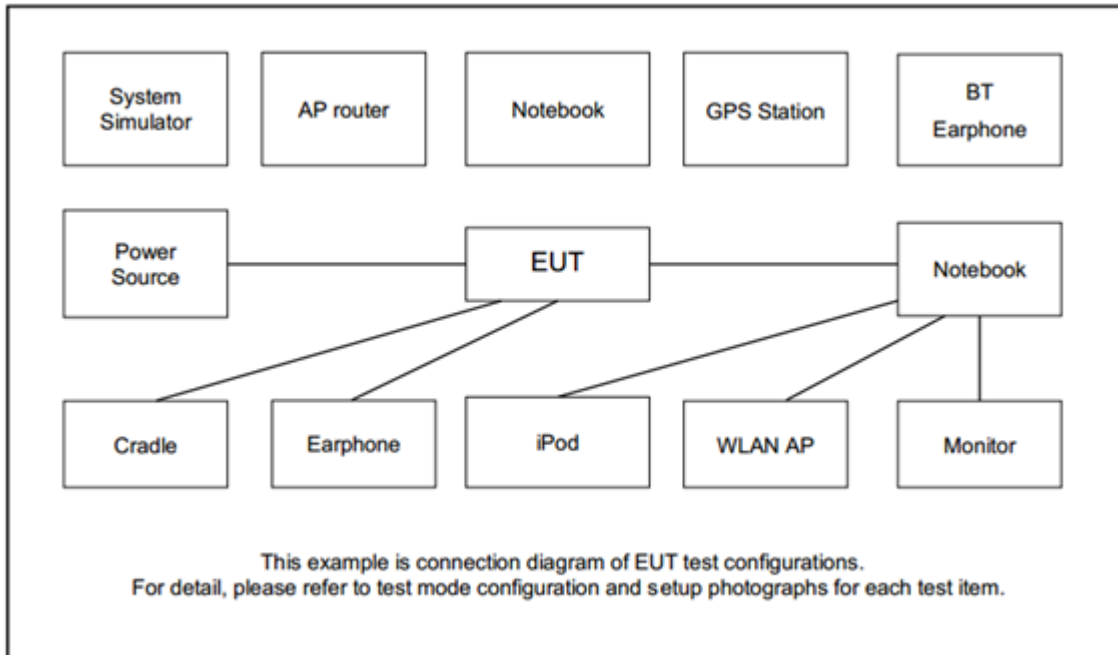
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
ERP/EIRP	A, B, C, D	All	1, Half, Full	L, M, H
RSE	A	20 MHz or less	1RB	L, M, H

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. 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.
3. During the RSE preliminary test, the standalone mode and charging modes were verified. It is determined that the charging modes is the worst case for the official test.
4. All the radiated test cases were performed with Sample 1.

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.	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 14 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23330	-
	Frequency	-	793	-
5	Channel	23305	23330	23355
	Frequency	790.5	793	795.5

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 (Part22)				
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 26 Channel and Frequency List (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	26740	-
	Frequency	-	819	-
5	Channel	26715	26740	26765
	Frequency	816.5	819	821.5
3	Channel	26705	26740	26775
	Frequency	815.5	819	822.5
1.4	Channel	26697	26740	26783
	Frequency	814.7	819	823.3



LTE Band 26 Channel and Frequency List (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	cross-rule channels	cross-rule channels	-
15	Channel	26765	26790	-
	Frequency	821.5	824	-
10	Channel	-	26790	-
	Frequency	-	824	-
5	Channel	-	26790	-
	Frequency	-	824	-
3	Channel	-	26790	-
	Frequency	-	824	-
1.4	Channel	-	26790	-
	Frequency	-	824	-

LTE Band 30 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	27710	-
	Frequency	-	2310	-
5	Channel	27685	27710	27735
	Frequency	2307.5	2310	2312.5



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 42 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	42190	42590	42990
	Frequency	3460	3500	3540
15	Channel	42165	42590	43015
	Frequency	3457.5	3500	3542.5
10	Channel	42140	42590	43040
	Frequency	3455	3500	3545
5	Channel	42115	42590	43065
	Frequency	3452.5	3500	3547.5



LTE Band 43 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	44690	45090	45490
	Frequency	3710	3750	3790
15	Channel	44665	45090	45515
	Frequency	3707.5	3750	3792.5
10	Channel	44640	45090	45540
	Frequency	3705	3750	3795
5	Channel	44615	45090	45565
	Frequency	3702.5	3750	3797.5

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 2C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	18653	18829	19005
		Frequency	1855.3	1872.9	1890.5
	SCC	Channel	18773	18949	19125
		Frequency	1867.3	1884.9	1902.5
15 + 10	PCC	Channel	18675	18851	19027
		Frequency	1857.5	1875.1	1892.7
	SCC	Channel	18795	18971	19147
		Frequency	1869.5	1887.1	1904.7
10 + 20	PCC	Channel	18655	18806	18956
		Frequency	1855.5	1870.6	1885.6
	SCC	Channel	18799	18950	19100
		Frequency	1869.9	1885	1900
20 + 10	PCC	Channel	18700	18551	19001
		Frequency	1860	1875.1	1890.1
	SCC	Channel	18844	18995	19145
		Frequency	1874.4	1889.5	1904.5
15 + 15	PCC	Channel	18675	18825	18975
		Frequency	1857.5	1872.5	1887.5
	SCC	Channel	18825	18975	19125
		Frequency	1872.5	1887.5	1902.5
15 + 20	PCC	Channel	18678	18803	18929
		Frequency	1857.8	1870.3	1882.9
	SCC	Channel	18849	18974	19100
		Frequency	1874.9	1887.4	1900
20 + 20	PCC	Channel	18700	18801	18902
		Frequency	1860	1870.1	1880.2
	SCC	Channel	18898	18999	19100
		Frequency	1879.8	1889.9	1900
20 + 15	PCC	Channel	18700	18826	18951
		Frequency	1860	1872.6	1885.1
	SCC	Channel	18871	18997	19122
		Frequency	1877.1	1889.7	1902.2



LTE Band 2C Channel and Frequency List_CA					
20 + 5	PCC	Channel	18700	18875	19050
		Frequency	1860	1877.5	1895
	SCC	Channel	18817	18992	19167
		Frequency	1871.7	1889.2	1906.7
5 + 20	PCC	Channel	18633	18808	18983
		Frequency	1853.3	1870.8	1888.3
	SCC	Channel	18750	18925	19100
		Frequency	1865	1882.5	1900

LTE Band 5B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
3 + 5	PCC	Channel	20416	20501	20586
		Frequency	825.6	834.1	842.6
	SCC	Channel	20455	20540	20575
		Frequency	829.5	838.0	841.5
5 + 3	PCC	Channel	20425	20510	20595
		Frequency	826.5	835.0	843.5
	SCC	Channel	20464	20549	20634
		Frequency	830.4	838.9	847.4
5 + 10	PCC	Channel	20428	20478	20528
		Frequency	826.8	831.8	836.8
	SCC	Channel	20500	20550	20600
		Frequency	834.0	839.0	844.0
10 + 5	PCC	Channel	20450	20500	20550
		Frequency	829.0	834.0	839.0
	SCC	Channel	20522	20572	20622
		Frequency	836.2	841.2	846.2
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829.0	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844.0



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



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

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



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



LTE Band 42 Channel and Frequency List_CA					
BW [MHz]	Channel / Frequency (MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	42190	42741	43292
		Frequency	3460	3515.1	3570.2
	SCC	Channel	42388	42939	43490
		Frequency	3479.8	3534.9	3590.0
20 + 15	PCC	Channel	42190	42766	43344
		Frequency	3460	3517.6	3575.4
	SCC	Channel	42361	42937	43515
		Frequency	3477.1	3534.7	3592.5
15 + 20	PCC	Channel	42165	42743	43319
		Frequency	3457.5	3515.3	3572.9
	SCC	Channel	42336	42914	43490
		Frequency	3474.6	3532.4	3590.0
20 + 10	PCC	Channel	42190	42791	43396
		Frequency	3460.0	3520.1	3580.6
	SCC	Channel	42334	42935	43540
		Frequency	3474.4	3534.5	3595.0
10 + 20	PCC	Channel	42140	42746	43346
		Frequency	3455.0	3515.6	3575.6
	SCC	Channel	42284	42890	43490
		Frequency	3469.4	3530.0	3590
20 + 5	PCC	Channel	42190	42815	43448
		Frequency	3460.0	3522.5	3585.8
	SCC	Channel	42307	42932	43565
		Frequency	3471.7	3534.2	3597.5
5 + 20	PCC	Channel	42115	42748	43373
		Frequency	3452.5	3515.8	3578.3
	SCC	Channel	42232	42865	43490
		Frequency	3464.2	3527.5	3590.0



LTE Band 43 Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	44690	44991	45292
		Frequency	3710	3740.1	3770.2
	SCC	Channel	44888	45189	45490
		Frequency	3729.8	3759.9	3790
20 + 15	PCC	Channel	44690	45016	45341
		Frequency	3710	3742.6	3775.1
	SCC	Channel	44861	45187	45512
		Frequency	3727.1	3759.7	3792.2
15 + 20	PCC	Channel	44668	44993	45319
		Frequency	3707.8	3740.3	3772.9
	SCC	Channel	44839	45164	45490
		Frequency	3724.9	3757.4	3790
20 + 10	PCC	Channel	44690	45041	45391
		Frequency	3710	3745.1	3780.1
	SCC	Channel	44834	45185	45535
		Frequency	3724.4	3759.5	3794.5



LTE Band 43 Channel and Frequency List_CA					
10 + 20	PCC	Channel	44645	44996	45346
		Frequency	3705.5	3740.6	3775.6
	SCC	Channel	44789	45140	45490
		Frequency	3719.9	3755	3790
20 + 5	PCC	Channel	44690	45065	45440
		Frequency	3710	3747.5	3785
	SCC	Channel	44807	45182	45557
		Frequency	3721.7	3759.2	3796.7
5 + 20	PCC	Channel	44623	44998	45373
		Frequency	3703.3	3740.8	3778.3
	SCC	Channel	44740	45115	45490
		Frequency	3715	3752.5	3790



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



LTE Band 66C Channel and Frequency List_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	132493	132619
		Frequency	1729.5	1762.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	131171	133372	132572
		Frequency	1729.9	1760.0	1770.0
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720.0	1750.1	1760.1
	SCC	Channel	132216	133417	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	133397	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	133396	132572
		Frequency	1734.9	1762.4	1770.0
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720.0	1747.6	1755.1
	SCC	Channel	132243	133419	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720.0	1752.5	1765.0
	SCC	Channel	132189	133414	132639
		Frequency	1731.7	1764.2	1776.7



LTE Band 66C Channel and Frequency List_CA					
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

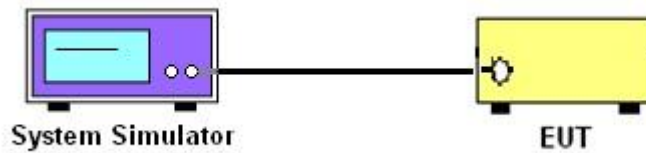
3 Conducted Test Items

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, Band 26 (Part 22H)

The Output Power of mobile transmitters must not exceed 100 Watts for LTE Band 26 (Part 90S)

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12, Band 13, Band 14, Band 17, Band 71

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

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

The EIRP of mobile transmitters must not exceed 250mW/5MHz for LTE Band 30

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.

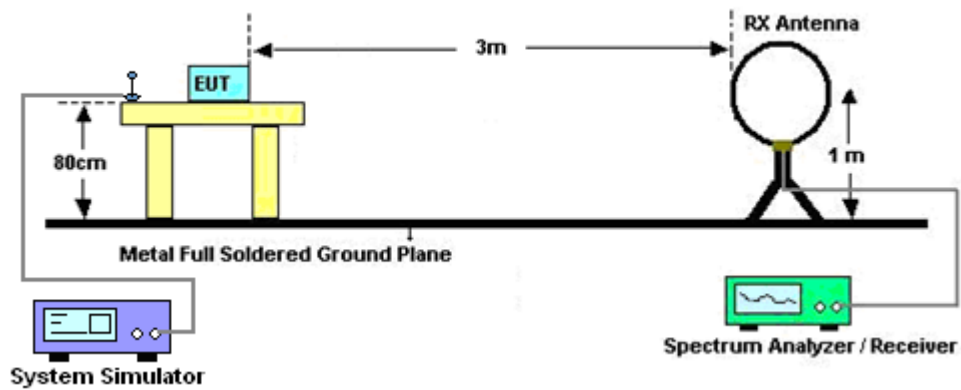
4 Radiated Test Items

4.1 Measuring Instruments

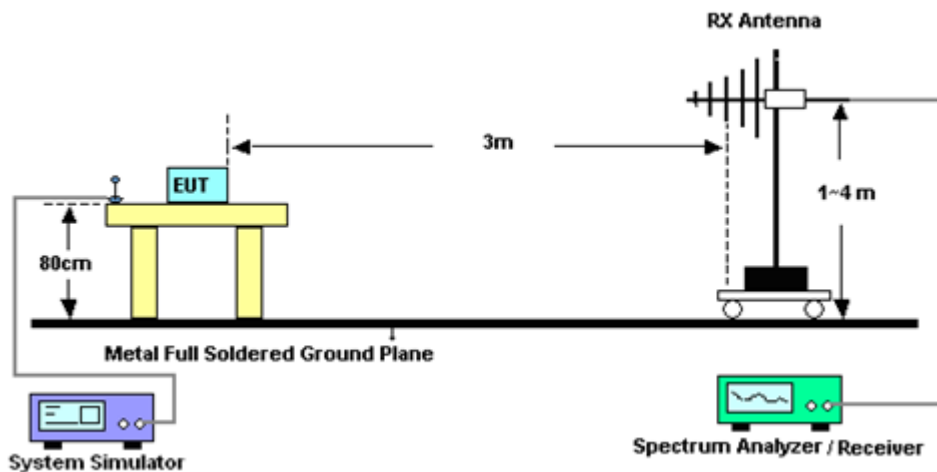
See list of measuring instruments of this test report.

4.1.1 Test Setup

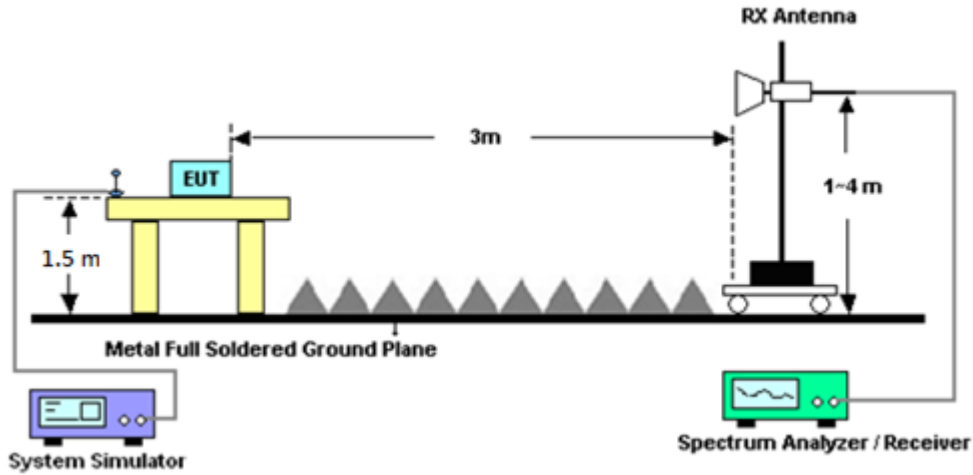
For radiated test below 30MHz



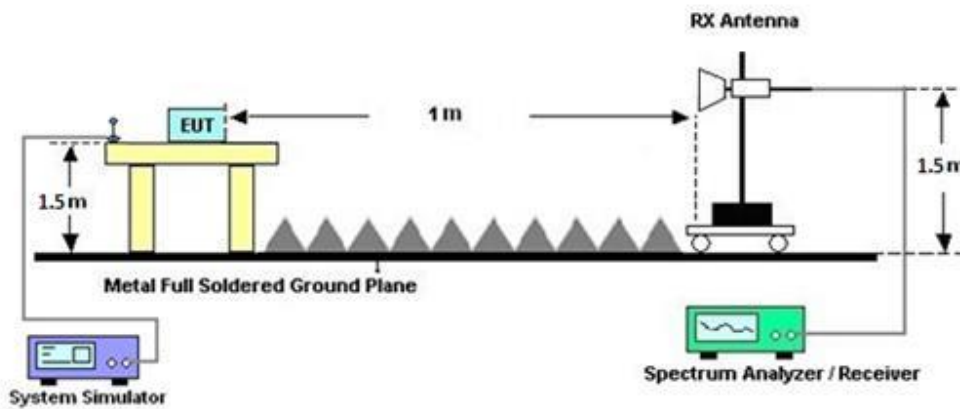
For radiated test from 30MHz to 1GHz



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.

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 C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

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. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 03, 2023	Dec. 01, 2023~ Dec. 19, 2023	Oct. 02, 2024	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 06, 2023	Dec. 01, 2023~ Dec. 19, 2023	Jan. 05, 2024	Conducted (TH03-HY)
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Dec. 20, 2023~ Jan. 03, 2024	Sep. 11, 2024	Radiation (03CH21-HY)
Bilog Antenna	TESEQ	CBL 6111D&00802N 1D01N-06	55606 & 08	30MHz~1GHz	Oct. 15, 2023	Dec. 20, 2023~ Jan. 03, 2024	Oct. 14, 2024	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Jul. 12, 2023	Dec. 20, 2023~ Jan. 03, 2024	Jul. 11, 2024	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 10, 2023	Dec. 20, 2023~ Jan. 03, 2024	Jul. 09, 2024	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 15, 2023	Dec. 20, 2023~ Jan. 03, 2024	Jul. 14, 2024	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 28, 2023	Dec. 20, 2023~ Jan. 03, 2024	Sep. 27, 2024	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 30, 2023	Dec. 20, 2023~ Jan. 03, 2024	Aug. 29, 2024	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Aug. 28, 2023	Dec. 20, 2023~ Jan. 03, 2024	Aug. 27, 2024	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Dec. 20, 2023~ Jan. 03, 2024	Mar. 06, 2024	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,8046 12/2,804614/2	30MHz~40GHz	Oct. 24, 2023	Dec. 20, 2023~ Jan. 03, 2024	Oct. 23, 2024	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 30, 2023	Dec. 20, 2023~ Jan. 03, 2024	Oct. 29, 2024	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Dec. 20, 2023~ Jan. 03, 2024	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Dec. 20, 2023~ Jan. 03, 2024	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Dec. 20, 2023~ Jan. 03, 2024	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Dec. 20, 2023~ Jan. 03, 2024	N/A	Radiation (03CH21-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.04 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.68 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.42 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.21	23.34	23.27	22.92	0.1959
20	1	49		23.21	23.32	23.24		
20	1	99		23.21	23.33	23.21		
20	50	0		22.26	22.34	22.30		
20	50	24		22.34	22.36	22.40		
20	50	50		22.35	22.45	22.36		
20	100	0		22.35	22.35	22.38		
20	1	0	16-QAM	22.52	22.65	22.72	22.30	0.1698
20	1	49		22.51	22.61	22.54		
20	1	99		22.47	22.60	22.52		
20	50	0		21.28	21.36	21.31		
20	50	24		21.36	21.35	21.39		
20	50	50		21.36	21.44	21.40		
20	100	0		21.36	21.35	21.40		
20	1	0	64-QAM	22.38	21.49	21.47	22.08	0.1614
20	1	49		22.50	21.65	21.51		
20	1	99		22.36	21.52	21.43		
20	50	0		21.29	20.35	20.31		
20	50	24		21.37	20.36	20.38		
20	50	50		21.36	20.42	20.38		
20	100	0		21.35	20.36	20.39		
20	1	0	256-QAM	18.42	18.55	18.37	18.13	0.0650
20	1	49		18.40	18.51	18.37		
20	1	99		18.33	18.47	18.33		
20	50	0		18.24	18.44	18.30		
20	50	24		18.38	18.48	18.29		
20	50	50		18.23	18.41	18.27		
20	100	0		18.27	18.39	18.20		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.42 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.09	23.09	23.10	22.81	0.1910
15	1	37		23.10	23.13	23.13		
15	1	74		23.02	23.23	23.04		
15	36	0		22.06	22.21	22.14		
15	36	20		22.19	22.26	22.21		
15	36	39		22.15	22.30	22.17		
15	75	0		22.22	22.18	22.22		
15	1	0	16-QAM	22.32	22.50	22.52	22.10	0.1622
15	1	37		22.39	22.47	22.35		
15	1	74		22.34	22.49	22.41		
15	36	0		21.09	21.19	21.14		
15	36	20		21.17	21.18	21.25		
15	36	39		21.26	21.27	21.20		
15	75	0		21.24	21.18	21.23		
15	1	0	64-QAM	22.28	21.37	21.30	21.91	0.1552
15	1	37		22.33	21.54	21.40		
15	1	74		22.24	21.37	21.25		
15	36	0		21.13	20.19	20.14		
15	36	20		21.26	20.21	20.28		
15	36	39		21.21	20.32	20.20		
15	75	0		21.22	20.23	20.21		
15	1	0	256-QAM	18.32	18.40	18.19	17.99	0.0630
15	1	37		18.27	18.41	18.20		
15	1	74		18.23	18.34	18.18		
15	36	0		18.11	18.29	18.17		
15	36	20		18.22	18.37	18.11		
15	36	39		18.11	18.25	18.14		
15	75	0		18.14	18.22	18.00		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.42 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.09	23.14	23.16	22.77	0.1892
10	1	25		23.06	23.19	23.12		
10	1	49		23.09	23.18	23.10		
10	25	0		22.12	22.15	22.16		
10	25	12		22.17	22.16	22.22		
10	25	25		22.15	22.27	22.21		
10	50	0		22.21	22.22	22.26		
10	1	0	16-QAM	22.32	22.52	22.57	22.15	0.1641
10	1	25		22.40	22.46	22.41		
10	1	49		22.30	22.45	22.39		
10	25	0		21.09	21.19	21.12		
10	25	12		21.17	21.24	21.20		
10	25	25		21.22	21.31	21.28		
10	50	0		21.17	21.25	21.27		
10	1	0	64-QAM	22.18	21.33	21.37	21.90	0.1549
10	1	25		22.32	21.49	21.38		
10	1	49		22.25	21.34	21.31		
10	25	0		21.09	20.22	20.15		
10	25	12		21.17	20.19	20.26		
10	25	25		21.17	20.23	20.21		
10	50	0		21.17	20.17	20.23		
10	1	0	256-QAM	18.26	18.41	18.24	17.99	0.0630
10	1	25		18.29	18.33	18.24		
10	1	49		18.13	18.36	18.14		
10	25	0		18.06	18.31	18.12		
10	25	12		18.18	18.37	18.10		
10	25	25		18.04	18.26	18.11		
10	50	0		18.11	18.21	18.06		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.42 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.11	23.16	23.17	22.79	0.1901
5	1	12		23.11	23.21	23.04		
5	1	24		23.06	23.21	23.08		
5	12	0		22.14	22.14	22.15		
5	12	7		22.17	22.23	22.22		
5	12	13		22.18	22.33	22.23		
5	25	0		22.19	22.18	22.25		
5	1	0	16-QAM	22.32	22.50	22.61	22.19	0.1656
5	1	12		22.33	22.45	22.36		
5	1	24		22.32	22.46	22.42		
5	12	0		21.09	21.20	21.21		
5	12	7		21.23	21.21	21.27		
5	12	13		21.25	21.27	21.24		
5	25	0		21.18	21.17	21.21		
5	1	0	64-QAM	22.24	21.31	21.31	21.96	0.1570
5	1	12		22.38	21.45	21.37		
5	1	24		22.24	21.42	21.26		
5	12	0		21.13	20.19	20.13		
5	12	7		21.25	20.21	20.28		
5	12	13		21.20	20.26	20.21		
5	25	0		21.20	20.16	20.26		
5	1	0	256-QAM	18.24	18.36	18.26	17.99	0.0630
5	1	12		18.26	18.41	18.20		
5	1	24		18.19	18.36	18.18		
5	12	0		18.09	18.32	18.19		
5	12	7		18.22	18.34	18.11		
5	12	13		18.07	18.22	18.17		
5	25	0		18.11	18.21	18.00		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.42 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.11	23.13	23.16	22.77	0.1892
3	1	8		23.10	23.15	23.12		
3	1	14		23.11	23.19	23.09		
3	8	0		22.09	22.24	22.17		
3	8	4		22.20	22.18	22.25		
3	8	7		22.18	22.29	22.20		
3	15	0		22.17	22.19	22.25		
3	1	0	16-QAM	22.38	22.52	22.62	22.20	0.1660
3	1	8		22.38	22.43	22.39		
3	1	14		22.32	22.47	22.33		
3	8	0		21.17	21.26	21.15		
3	8	4		21.18	21.19	21.24		
3	8	7		21.21	21.29	21.27		
3	15	0		21.25	21.25	21.29		
3	1	0	64-QAM	22.21	21.34	21.37	21.93	0.1560
3	1	8		22.35	21.49	21.36		
3	1	14		22.22	21.39	21.23		
3	8	0		21.13	20.18	20.20		
3	8	4		21.19	20.20	20.22		
3	8	7		21.18	20.27	20.23		
3	15	0		21.16	20.25	20.19		
3	1	0	256-QAM	18.28	18.44	18.25	18.02	0.0634
3	1	8		18.26	18.40	18.27		
3	1	14		18.17	18.28	18.14		
3	8	0		18.06	18.30	18.20		
3	8	4		18.22	18.34	18.09		
3	8	7		18.06	18.23	18.16		
3	15	0		18.12	18.25	18.09		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.42 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.11	23.24	23.18	22.88	0.1941
1.4	1	3		23.20	23.22	23.24		
1.4	1	5		23.14	23.23	23.13		
1.4	3	0		23.14	23.29	23.26		
1.4	3	1		23.21	23.30	23.18		
1.4	3	3		23.21	23.25	23.12		
1.4	6	0		22.26	22.32	22.26		
1.4	1	0	16-QAM	22.30	22.36	22.39	22.23	0.1671
1.4	1	3		22.31	22.36	22.33		
1.4	1	5		22.34	22.32	22.34		
1.4	3	0		22.52	22.65	22.64		
1.4	3	1		22.46	22.57	22.46		
1.4	3	3		22.45	22.52	22.45		
1.4	6	0		21.23	21.26	21.25		
1.4	1	0	64-QAM	21.27	21.29	21.38	22.05	0.1603
1.4	1	3		21.33	21.38	21.36		
1.4	1	5		21.36	21.33	21.36		
1.4	3	0		22.34	21.41	21.44		
1.4	3	1		22.47	21.59	21.46		
1.4	3	3		22.29	21.46	21.36		
1.4	6	0		21.27	20.29	20.23		
1.4	1	0	256-QAM	18.37	18.51	18.30	18.09	0.0644
1.4	1	3		18.33	18.45	18.28		
1.4	1	5		18.33	18.43	18.27		
1.4	3	0		18.21	18.38	18.30		
1.4	3	1		18.29	18.42	18.22		
1.4	3	3		18.23	18.34	18.21		
1.4	6	0		18.17	18.38	18.18		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.19	23.35	23.25	23.19	0.2084
20	1	49		23.18	23.23	23.16		
20	1	99		23.17	23.21	23.22		
20	50	0		22.21	22.26	22.26		
20	50	24		22.32	22.35	22.35		
20	50	50		22.30	22.32	22.34		
20	100	0		22.31	22.34	22.30		
20	1	0	16-QAM	22.45	22.55	22.53	22.50	0.1778
20	1	49		22.46	22.66	22.62		
20	1	99		22.52	22.53	22.51		
20	50	0		21.26	21.29	21.29		
20	50	24		21.32	21.40	21.28		
20	50	50		21.30	21.35	21.34		
20	100	0		21.31	21.37	21.30		
20	1	0	64-QAM	21.36	21.44	21.47	21.32	0.1355
20	1	49		21.45	21.47	21.48		
20	1	99		21.38	21.42	21.45		
20	50	0		20.22	20.28	20.27		
20	50	24		20.32	20.38	20.28		
20	50	50		20.30	20.34	20.35		
20	100	0		20.31	20.36	20.29		
20	1	0	256-QAM	18.26	18.45	18.24	18.29	0.0675
20	1	49		18.26	18.32	18.26		
20	1	99		18.16	18.35	18.14		
20	50	0		18.20	18.34	18.20		
20	50	24		18.19	18.34	18.12		
20	50	50		18.13	18.27	18.18		
20	100	0		18.16	18.28	18.17		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.06	23.12	23.09	22.96	0.1977
15	1	37		23.10	23.08	23.02		
15	1	74		23.01	23.05	23.07		
15	36	0		22.09	22.15	22.16		
15	36	20		22.23	22.27	22.24		
15	36	39		22.18	22.23	22.22		
15	75	0		22.23	22.23	22.18		
15	1	0	16-QAM	22.35	22.43	22.42	22.37	0.1726
15	1	37		22.31	22.53	22.48		
15	1	74		22.42	22.41	22.36		
15	36	0		21.13	21.13	21.21		
15	36	20		21.21	21.25	21.16		
15	36	39		21.15	21.21	21.21		
15	75	0		21.18	21.21	21.22		
15	1	0	64-QAM	21.25	21.36	21.37	21.21	0.1321
15	1	37		21.29	21.37	21.37		
15	1	74		21.24	21.29	21.30		
15	36	0		20.13	20.14	20.15		
15	36	20		20.19	20.25	20.15		
15	36	39		20.20	20.26	20.19		
15	75	0		20.16	20.22	20.20		
15	1	0	256-QAM	18.10	18.31	18.14	18.15	0.0653
15	1	37		18.10	18.18	18.13		
15	1	74		18.07	18.20	18.28		
15	36	0		18.24	18.18	18.08		
15	36	20		18.03	18.21	18.03		
15	36	39		18.28	18.16	18.22		
15	75	0		18.06	18.18	18.24		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.08	23.13	23.15	22.99	0.1991
10	1	25		23.02	23.15	23.07		
10	1	49		23.07	23.06	23.06		
10	25	0		22.10	22.15	22.16		
10	25	12		22.18	22.23	22.22		
10	25	25		22.22	22.17	22.22		
10	50	0		22.19	22.21	22.20		
10	1	0	16-QAM	22.30	22.45	22.37	22.39	0.1734
10	1	25		22.35	22.55	22.52		
10	1	49		22.37	22.38	22.38		
10	25	0		21.18	21.20	21.16		
10	25	12		21.22	21.25	21.19		
10	25	25		21.22	21.24	21.18		
10	50	0		21.17	21.27	21.15		
10	1	0	64-QAM	21.23	21.31	21.33	21.24	0.1330
10	1	25		21.31	21.31	21.40		
10	1	49		21.27	21.27	21.34		
10	25	0		20.14	20.12	20.16		
10	25	12		20.18	20.26	20.17		
10	25	25		20.18	20.18	20.22		
10	50	0		20.17	20.22	20.19		
10	1	0	256-QAM	18.10	18.29	18.14	18.13	0.0650
10	1	25		18.13	18.19	18.15		
10	1	49		18.07	18.23	18.01		
10	25	0		18.07	18.23	18.09		
10	25	12		18.08	18.19	18.04		
10	25	25		18.05	18.14	18.04		
10	50	0		18.03	18.18	18.05		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.05	23.18	23.10	23.02	0.2004
5	1	12		23.06	23.15	23.02		
5	1	24		23.02	23.07	23.12		
5	12	0		22.05	22.11	22.16		
5	12	7		22.23	22.27	22.21		
5	12	13		22.20	22.19	22.22		
5	25	0		22.15	22.19	22.18		
5	1	0	16-QAM	22.37	22.39	22.38	22.36	0.1722
5	1	12		22.32	22.50	22.52		
5	1	24		22.40	22.38	22.38		
5	12	0		21.17	21.16	21.14		
5	12	7		21.16	21.31	21.12		
5	12	13		21.21	21.20	21.21		
5	25	0		21.23	21.25	21.19		
5	1	0	64-QAM	21.28	21.36	21.31	21.20	0.1318
5	1	12		21.35	21.34	21.34		
5	1	24		21.22	21.26	21.34		
5	12	0		20.08	20.13	20.17		
5	12	7		20.20	20.23	20.20		
5	12	13		20.14	20.19	20.23		
5	25	0		20.16	20.25	20.16		
5	1	0	256-QAM	18.15	18.32	18.10	18.16	0.0655
5	1	12		18.12	18.17	18.10		
5	1	24		18.04	18.27	18.09		
5	12	0		18.01	18.25	18.10		
5	12	7		18.04	18.24	18.07		
5	12	13		18.09	18.16	18.00		
5	25	0		18.00	18.17	18.06		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.07	23.12	23.15	22.99	0.1991
3	1	8		23.07	23.09	23.01		
3	1	14		23.04	23.07	23.09		
3	8	0		22.07	22.13	22.15		
3	8	4		22.17	22.21	22.22		
3	8	7		22.18	22.19	22.25		
3	15	0		22.21	22.20	22.15		
3	1	0	16-QAM	22.33	22.47	22.42	22.39	0.1734
3	1	8		22.32	22.55	22.50		
3	1	14		22.38	22.39	22.38		
3	8	0		21.14	21.15	21.14		
3	8	4		21.18	21.24	21.17		
3	8	7		21.21	21.24	21.25		
3	15	0		21.15	21.23	21.14		
3	1	0	64-QAM	21.26	21.30	21.34	21.24	0.1330
3	1	8		21.37	21.38	21.40		
3	1	14		21.22	21.34	21.37		
3	8	0		20.13	20.19	20.12		
3	8	4		20.17	20.28	20.19		
3	8	7		20.15	20.19	20.27		
3	15	0		20.20	20.27	20.16		
3	1	0	256-QAM	18.14	18.37	18.10	18.21	0.0662
3	1	8		18.16	18.17	18.11		
3	1	14		18.03	18.21	18.08		
3	8	0		18.02	18.26	18.09		
3	8	4		18.05	18.18	18.04		
3	8	7		18.04	18.13	18.03		
3	15	0		18.01	18.18	18.02		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.14	23.18	23.23	23.07	0.2028
1.4	1	3		23.10	23.15	23.11		
1.4	1	5		23.07	23.14	23.22		
1.4	3	0		23.13	23.23	23.17		
1.4	3	1		23.13	23.13	23.16		
1.4	3	3		23.15	23.12	23.19		
1.4	6	0		22.14	22.26	22.22		
1.4	1	0	16-QAM	22.25	22.29	22.29	22.46	0.1762
1.4	1	3		22.23	22.30	22.33		
1.4	1	5		22.23	22.33	22.30		
1.4	3	0		22.44	22.45	22.48		
1.4	3	1		22.42	22.62	22.55		
1.4	3	3		22.52	22.45	22.45		
1.4	6	0		21.24	21.27	21.21		
1.4	1	0	64-QAM	21.24	21.30	21.24	21.27	0.1340
1.4	1	3		21.21	21.31	21.34		
1.4	1	5		21.24	21.32	21.29		
1.4	3	0		21.36	21.36	21.43		
1.4	3	1		21.35	21.40	21.38		
1.4	3	3		21.33	21.37	21.39		
1.4	6	0		20.22	20.20	20.17		
1.4	1	0	256-QAM	18.20	18.38	18.20	18.22	0.0664
1.4	1	3		18.26	18.28	18.23		
1.4	1	5		18.12	18.32	18.13		
1.4	3	0		18.19	18.28	18.12		
1.4	3	1		18.18	18.26	18.12		
1.4	3	3		18.07	18.20	18.12		
1.4	6	0		18.08	18.21	18.13		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.49	23.49	23.53	24.83	0.3041
20	1	49		23.43	23.42	23.36		
20	1	99		23.47	23.43	23.37		
20	50	0		22.47	22.45	22.48		
20	50	24		22.55	22.45	22.46		
20	50	50		22.53	22.48	22.41		
20	100	0		22.56	22.45	22.45		
20	1	0	16-QAM	22.82	22.86	22.98	24.28	0.2679
20	1	49		22.86	22.79	22.64		
20	1	99		22.83	22.73	22.64		
20	50	0		21.49	21.48	21.51		
20	50	24		21.58	21.48	21.48		
20	50	50		21.56	21.52	21.44		
20	100	0		21.57	21.47	21.47		
20	1	0	64-QAM	21.75	21.70	21.73	23.06	0.2023
20	1	49		21.70	21.71	21.57		
20	1	99		21.76	21.59	21.61		
20	50	0		20.51	20.48	20.50		
20	50	24		20.58	20.47	20.48		
20	50	50		20.56	20.52	20.42		
20	100	0		20.56	20.46	20.46		
20	1	0	256-QAM	18.48	18.66	18.55	20.02	0.1005
20	1	49		18.60	18.72	18.59		
20	1	99		18.51	18.61	18.42		
20	50	0		18.39	18.54	18.34		
20	50	24		18.34	18.51	18.37		
20	50	50		18.50	18.60	18.45		
20	100	0		18.32	18.47	18.37		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.38	23.30	23.37	24.68	0.2938
15	1	37		23.32	23.28	23.25		
15	1	74		23.32	23.27	23.22		
15	36	0		22.33	22.26	22.32		
15	36	20		22.41	22.26	22.27		
15	36	39		22.34	22.29	22.30		
15	75	0		22.46	22.26	22.28		
15	1	0	16-QAM	22.69	22.71	22.88	24.18	0.2618
15	1	37		22.66	22.66	22.46		
15	1	74		22.73	22.56	22.46		
15	36	0		21.32	21.30	21.41		
15	36	20		21.41	21.28	21.28		
15	36	39		21.42	21.39	21.28		
15	75	0		21.40	21.37	21.27		
15	1	0	64-QAM	21.64	21.55	21.53	22.96	0.1977
15	1	37		21.54	21.54	21.38		
15	1	74		21.66	21.43	21.49		
15	36	0		20.32	20.28	20.37		
15	36	20		20.41	20.28	20.31		
15	36	39		20.38	20.37	20.28		
15	75	0		20.42	20.32	20.34		
15	1	0	256-QAM	18.38	18.53	18.43	19.91	0.0979
15	1	37		18.44	18.61	18.42		
15	1	74		18.39	18.49	18.31		
15	36	0		18.24	18.34	18.14		
15	36	20		18.19	18.34	18.23		
15	36	39		18.37	18.44	18.31		
15	75	0		18.20	18.33	18.24		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.35	23.37	23.38	24.68	0.2938
10	1	25		23.27	23.23	23.26		
10	1	49		23.35	23.25	23.25		
10	25	0		22.27	22.26	22.38		
10	25	12		22.36	22.31	22.33		
10	25	25		22.39	22.29	22.21		
10	50	0		22.36	22.35	22.29		
10	1	0	16-QAM	22.68	22.73	22.85	24.15	0.2600
10	1	25		22.66	22.62	22.53		
10	1	49		22.72	22.60	22.48		
10	25	0		21.37	21.29	21.41		
10	25	12		21.38	21.32	21.29		
10	25	25		21.40	21.34	21.30		
10	50	0		21.41	21.32	21.35		
10	1	0	64-QAM	21.56	21.54	21.57	22.90	0.1950
10	1	25		21.52	21.60	21.37		
10	1	49		21.59	21.41	21.50		
10	25	0		20.41	20.36	20.30		
10	25	12		20.47	20.34	20.28		
10	25	25		20.37	20.39	20.22		
10	50	0		20.46	20.26	20.27		
10	1	0	256-QAM	18.37	18.49	18.37	19.82	0.0959
10	1	25		18.50	18.52	18.39		
10	1	49		18.41	18.48	18.24		
10	25	0		18.25	18.38	18.23		
10	25	12		18.23	18.36	18.24		
10	25	25		18.39	18.41	18.26		
10	50	0		18.15	18.36	18.17		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.35	23.35	23.36	24.66	0.2924
5	1	12		23.29	23.28	23.22		
5	1	24		23.33	23.26	23.22		
5	12	0		22.30	22.32	22.35		
5	12	7		22.45	22.28	22.27		
5	12	13		22.43	22.36	22.30		
5	25	0		22.43	22.33	22.25		
5	1	0	16-QAM	22.68	22.66	22.86	24.16	0.2606
5	1	12		22.72	22.68	22.47		
5	1	24		22.71	22.63	22.51		
5	12	0		21.34	21.37	21.34		
5	12	7		21.44	21.28	21.34		
5	12	13		21.43	21.32	21.31		
5	25	0		21.38	21.30	21.28		
5	1	0	64-QAM	21.65	21.59	21.54	22.95	0.1972
5	1	12		21.58	21.53	21.44		
5	1	24		21.64	21.42	21.44		
5	12	0		20.33	20.38	20.34		
5	12	7		20.41	20.30	20.34		
5	12	13		20.37	20.32	20.28		
5	25	0		20.40	20.27	20.31		
5	1	0	256-QAM	18.28	18.47	18.43	19.90	0.0977
5	1	12		18.43	18.60	18.44		
5	1	24		18.34	18.46	18.25		
5	12	0		18.21	18.39	18.22		
5	12	7		18.19	18.40	18.18		
5	12	13		18.33	18.45	18.29		
5	25	0		18.17	18.29	18.27		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.30	23.39	23.43	24.73	0.2972
3	1	8		23.31	23.25	23.20		
3	1	14		23.30	23.27	23.21		
3	8	0		22.27	22.31	22.31		
3	8	4		22.45	22.34	22.36		
3	8	7		22.41	22.35	22.24		
3	15	0		22.39	22.35	22.30		
3	1	0	16-QAM	22.71	22.71	22.80	24.10	0.2570
3	1	8		22.75	22.66	22.52		
3	1	14		22.70	22.53	22.45		
3	8	0		21.37	21.34	21.31		
3	8	4		21.43	21.28	21.30		
3	8	7		21.37	21.37	21.28		
3	15	0		21.46	21.34	21.33		
3	1	0	64-QAM	21.59	21.50	21.58	22.95	0.1972
3	1	8		21.52	21.60	21.45		
3	1	14		21.65	21.49	21.45		
3	8	0		20.31	20.28	20.30		
3	8	4		20.40	20.33	20.34		
3	8	7		20.36	20.33	20.26		
3	15	0		20.39	20.27	20.28		
3	1	0	256-QAM	18.30	18.51	18.45	19.82	0.0959
3	1	8		18.49	18.52	18.40		
3	1	14		18.37	18.50	18.29		
3	8	0		18.22	18.41	18.19		
3	8	4		18.24	18.31	18.18		
3	8	7		18.31	18.40	18.34		
3	15	0		18.17	18.32	18.22		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.40	23.45	23.43	24.79	0.3013
1.4	1	3		23.42	23.37	23.29		
1.4	1	5		23.47	23.34	23.28		
1.4	3	0		23.49	23.46	23.43		
1.4	3	1		23.42	23.38	23.33		
1.4	3	3		23.45	23.35	23.29		
1.4	6	0		22.42	22.40	22.48		
1.4	1	0	16-QAM	22.55	22.43	22.41	24.26	0.2667
1.4	1	3		22.52	22.44	22.41		
1.4	1	5		22.46	22.35	22.45		
1.4	3	0		22.74	22.81	22.96		
1.4	3	1		22.82	22.76	22.57		
1.4	3	3		22.81	22.67	22.64		
1.4	6	0		21.48	21.43	21.48		
1.4	1	0	64-QAM	21.54	21.42	21.39	23.04	0.2014
1.4	1	3		21.53	21.43	21.35		
1.4	1	5		21.53	21.37	21.43		
1.4	3	0		21.68	21.62	21.70		
1.4	3	1		21.62	21.65	21.54		
1.4	3	3		21.74	21.52	21.57		
1.4	6	0		20.47	20.42	20.48		
1.4	1	0	256-QAM	18.45	18.59	18.49	20.00	0.1000
1.4	1	3		18.51	18.70	18.51		
1.4	1	5		18.43	18.53	18.37		
1.4	3	0		18.31	18.50	18.31		
1.4	3	1		18.27	18.47	18.36		
1.4	3	3		18.47	18.59	18.37		
1.4	6	0		18.31	18.37	18.27		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.51	23.53	23.50	21.67	0.1469
10	1	25		23.49	23.48	23.48		
10	1	49		23.45	23.44	23.45		
10	25	0		22.66	22.68	22.73		
10	25	12		22.74	22.72	22.71		
10	25	25		22.69	22.80	22.71		
10	50	0		22.69	22.76	22.76		
10	1	0	16-QAM	23.08	22.99	23.14	21.28	0.1343
10	1	25		22.97	23.10	23.03		
10	1	49		23.02	23.08	23.05		
10	25	0		21.69	21.68	21.75		
10	25	12		21.73	21.73	21.71		
10	25	25		21.71	21.82	21.72		
10	50	0		21.71	21.78	21.78		
10	1	0	64-QAM	21.89	21.78	21.99	20.13	0.1030
10	1	25		21.86	21.93	21.89		
10	1	49		21.86	21.95	21.86		
10	25	0		20.68	20.66	20.77		
10	25	12		20.75	20.72	20.70		
10	25	25		20.69	20.79	20.70		
10	50	0		20.73	20.76	20.78		
10	1	0	256-QAM	18.74	18.89	18.76	17.03	0.0505
10	1	25		18.68	18.81	18.61		
10	1	49		18.61	18.72	18.62		
10	25	0		18.47	18.65	18.50		
10	25	12		18.54	18.72	18.57		
10	25	25		18.52	18.71	18.57		
10	50	0		18.58	18.68	18.51		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.48	23.49	23.45	21.63	0.1455
5	1	12		23.48	23.49	23.48		
5	1	24		23.42	23.49	23.46		
5	12	0		22.47	22.51	22.61		
5	12	7		22.54	22.61	22.52		
5	12	13		22.59	22.65	22.55		
5	25	0		22.53	22.61	22.60		
5	1	0	16-QAM	22.94	22.85	22.94	21.09	0.1285
5	1	12		22.79	22.94	22.87		
5	1	24		22.91	22.95	22.87		
5	12	0		21.59	21.49	21.65		
5	12	7		21.53	21.56	21.55		
5	12	13		21.59	21.62	21.57		
5	25	0		21.56	21.59	21.63		
5	1	0	64-QAM	21.78	21.64	21.86	20.00	0.1000
5	1	12		21.68	21.82	21.71		
5	1	24		21.75	21.80	21.74		
5	12	0		20.48	20.47	20.62		
5	12	7		20.58	20.53	20.50		
5	12	13		20.49	20.61	20.51		
5	25	0		20.61	20.66	20.58		
5	1	0	256-QAM	18.58	18.77	18.64	16.91	0.0491
5	1	12		18.52	18.63	18.41		
5	1	24		18.50	18.61	18.42		
5	12	0		18.33	18.48	18.33		
5	12	7		18.39	18.60	18.45		
5	12	13		18.35	18.59	18.40		
5	25	0		18.39	18.56	18.35		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.48	23.48	23.45	21.62	0.1452
3	1	8		23.48	23.46	23.47		
3	1	14		23.43	23.42	23.43		
3	8	0		22.54	22.52	22.62		
3	8	4		22.64	22.54	22.60		
3	8	7		22.59	22.68	22.52		
3	15	0		22.54	22.65	22.56		
3	1	0	16-QAM	22.89	22.84	22.98	21.12	0.1294
3	1	8		22.83	22.97	22.92		
3	1	14		22.85	22.95	22.85		
3	8	0		21.55	21.50	21.60		
3	8	4		21.55	21.60	21.59		
3	8	7		21.52	21.62	21.54		
3	15	0		21.59	21.59	21.59		
3	1	0	64-QAM	21.76	21.63	21.88	20.02	0.1005
3	1	8		21.76	21.79	21.71		
3	1	14		21.69	21.80	21.74		
3	8	0		20.55	20.46	20.57		
3	8	4		20.57	20.62	20.52		
3	8	7		20.59	20.67	20.53		
3	15	0		20.56	20.63	20.64		
3	1	0	256-QAM	18.55	18.75	18.57	16.89	0.0489
3	1	8		18.54	18.69	18.46		
3	1	14		18.42	18.52	18.42		
3	8	0		18.29	18.50	18.40		
3	8	4		18.35	18.55	18.44		
3	8	7		18.33	18.57	18.44		
3	15	0		18.39	18.48	18.36		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.45	23.42	23.44	21.64	0.1459
1.4	1	3		23.45	23.46	23.47		
1.4	1	5		23.45	23.46	23.45		
1.4	3	0		23.50	23.46	23.47		
1.4	3	1		23.48	23.46	23.50		
1.4	3	3		23.46	23.46	23.44		
1.4	6	0		22.56	22.59	22.70		
1.4	1	0	16-QAM	22.69	22.72	22.65	21.24	0.1330
1.4	1	3		22.63	22.80	22.71		
1.4	1	5		22.69	22.72	22.73		
1.4	3	0		23.02	22.90	23.10		
1.4	3	1		22.93	23.05	22.95		
1.4	3	3		22.93	23.02	23.05		
1.4	6	0		21.59	21.62	21.68		
1.4	1	0	64-QAM	21.67	21.72	21.69	20.05	0.1012
1.4	1	3		21.65	21.72	21.64		
1.4	1	5		21.69	21.71	21.78		
1.4	3	0		21.81	21.78	21.91		
1.4	3	1		21.85	21.84	21.79		
1.4	3	3		21.77	21.87	21.80		
1.4	6	0		20.67	20.63	20.76		
1.4	1	0	256-QAM	18.67	18.87	18.69	17.01	0.0502
1.4	1	3		18.63	18.75	18.61		
1.4	1	5		18.52	18.72	18.54		
1.4	3	0		18.46	18.57	18.46		
1.4	3	1		18.45	18.68	18.57		
1.4	3	3		18.49	18.61	18.54		
1.4	6	0		18.54	18.67	18.47		
Limit	ERP < 7W			Result			Pass	



LTE Band 7 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	23.04	23.28	23.10	25.18	0.3296
20	1	49		23.16	23.20	23.20		
20	1	99		23.17	23.24	23.26		
20	50	0		22.13	22.18	22.17		
20	50	24		22.25	22.23	22.30		
20	50	50		22.28	22.32	22.31		
20	100	0		22.25	22.23	22.29		
20	1	0	16-QAM	22.32	22.44	22.45	24.50	0.2818
20	1	49		22.57	22.54	22.49		
20	1	99		22.59	22.60	22.56		
20	50	0		21.16	21.21	21.22		
20	50	24		21.28	21.26	21.33		
20	50	50		21.29	21.35	21.35		
20	100	0		21.28	21.25	21.32		
20	1	0	64-QAM	21.23	21.33	21.37	23.39	0.2183
20	1	49		21.34	21.45	21.43		
20	1	99		21.42	21.49	21.46		
20	50	0		20.16	20.19	20.21		
20	50	24		20.28	20.24	20.32		
20	50	50		20.28	20.36	20.35		
20	100	0		20.28	20.26	20.30		
20	1	0	256-QAM	18.17	18.33	18.19	20.23	0.1054
20	1	49		18.14	18.25	18.12		
20	1	99		18.06	18.21	18.04		
20	50	0		18.12	18.30	18.10		
20	50	24		18.03	18.22	18.02		
20	50	50		18.04	18.21	18.09		
20	100	0		18.01	18.17	18.06		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 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	23.00	23.17	23.01	25.07	0.3214
15	1	37		23.02	23.06	23.01		
15	1	74		23.06	23.11	23.07		
15	36	0		22.04	22.02	22.07		
15	36	20		22.09	22.12	22.13		
15	36	39		22.11	22.18	22.19		
15	75	0		22.14	22.07	22.15		
15	1	0	16-QAM	22.20	22.24	22.33	24.37	0.2735
15	1	37		22.47	22.34	22.39		
15	1	74		22.42	22.42	22.41		
15	36	0		21.08	21.05	21.08		
15	36	20		21.10	21.07	21.17		
15	36	39		21.15	21.16	21.21		
15	75	0		21.17	21.07	21.20		
15	1	0	64-QAM	21.03	21.18	21.21	23.28	0.2128
15	1	37		21.19	21.34	21.30		
15	1	74		21.25	21.38	21.36		
15	36	0		20.02	20.05	20.09		
15	36	20		20.18	20.04	20.20		
15	36	39		20.14	20.19	20.16		
15	75	0		20.18	20.15	20.16		
15	1	0	256-QAM	18.16	18.23	18.14	20.14	0.1033
15	1	37		18.10	18.15	18.11		
15	1	74		18.05	18.13	18.05		
15	36	0		18.03	18.24	18.03		
15	36	20		18.03	18.17	18.02		
15	36	39		18.04	18.14	18.00		
15	75	0		18.06	18.15	18.05		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 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	23.01	23.13	23.03	25.03	0.3184
10	1	25		23.03	23.05	23.03		
10	1	49		23.03	23.08	23.12		
10	25	0		22.03	22.06	22.06		
10	25	12		22.15	22.03	22.11		
10	25	25		22.15	22.21	22.12		
10	50	0		22.09	22.06	22.10		
10	1	0	16-QAM	22.20	22.24	22.32	24.38	0.2742
10	1	25		22.46	22.36	22.30		
10	1	49		22.44	22.48	22.44		
10	25	0		21.04	21.10	21.02		
10	25	12		21.12	21.06	21.16		
10	25	25		21.15	21.22	21.25		
10	50	0		21.18	21.10	21.15		
10	1	0	64-QAM	21.09	21.13	21.26	23.28	0.2128
10	1	25		21.19	21.25	21.27		
10	1	49		21.27	21.38	21.35		
10	25	0		20.01	20.05	20.07		
10	25	12		20.16	20.08	20.19		
10	25	25		20.09	20.26	20.22		
10	50	0		20.09	20.14	20.12		
10	1	0	256-QAM	18.16	18.23	18.14	20.14	0.1033
10	1	25		18.10	18.15	18.11		
10	1	49		18.06	18.13	18.02		
10	25	0		18.03	18.24	18.03		
10	25	12		18.03	18.17	18.02		
10	25	25		18.04	18.14	18.00		
10	50	0		18.02	18.15	18.05		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 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	23.11	23.16	23.05	25.06	0.3206
5	1	12		23.06	23.02	23.10		
5	1	24		23.03	23.07	23.09		
5	12	0		22.05	22.01	22.00		
5	12	7		22.09	22.13	22.14		
5	12	13		22.09	22.20	22.13		
5	25	0		22.14	22.03	22.13		
5	1	0	16-QAM	22.12	22.26	22.32	24.35	0.2723
5	1	12		22.44	22.36	22.36		
5	1	24		22.43	22.45	22.37		
5	12	0		21.06	21.09	21.05		
5	12	7		21.14	21.10	21.16		
5	12	13		21.10	21.22	21.21		
5	25	0		21.16	21.13	21.16		
5	1	0	64-QAM	21.11	21.23	21.21	23.25	0.2113
5	1	12		21.15	21.26	21.26		
5	1	24		21.25	21.35	21.34		
5	12	0		20.05	20.07	20.01		
5	12	7		20.17	20.06	20.19		
5	12	13		20.10	20.21	20.16		
5	25	0		20.14	20.10	20.11		
5	1	0	256-QAM	18.17	18.24	18.10	20.19	0.1045
5	1	12		18.12	18.16	18.05		
5	1	24		18.03	18.21	18.01		
5	12	0		18.04	18.29	18.00		
5	12	7		18.00	18.18	18.00		
5	12	13		18.04	18.17	18.09		
5	25	0		18.02	18.09	18.05		
Limit	EIRP < 2W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.72	23.82	23.73	20.26	0.1062
10	1	25		23.71	23.73	23.71		
10	1	49		23.71	23.70	23.65		
10	25	0		22.69	22.69	22.66		
10	25	12		22.79	22.73	22.79		
10	25	25		22.79	22.79	22.75		
10	50	0		22.77	22.79	22.76		
10	1	0	16-QAM	23.05	23.03	23.01	19.53	0.0897
10	1	25		23.06	23.07	23.05		
10	1	49		23.09	23.07	23.06		
10	25	0		21.71	21.70	21.67		
10	25	12		21.82	21.73	21.81		
10	25	25		21.82	21.82	21.77		
10	50	0		21.76	21.78	21.77		
10	1	0	64-QAM	21.91	21.90	21.90	18.40	0.0692
10	1	25		21.93	21.93	21.90		
10	1	49		21.96	21.90	21.90		
10	25	0		20.71	20.69	20.66		
10	25	12		20.81	20.74	20.80		
10	25	25		20.82	20.79	20.76		
10	50	0		20.78	20.78	20.77		
10	1	0	256-QAM	18.73	18.93	18.78	15.37	0.0344
10	1	25		18.72	18.91	18.78		
10	1	49		18.77	18.88	18.78		
10	25	0		18.63	18.75	18.65		
10	25	12		18.74	18.90	18.75		
10	25	25		18.58	18.77	18.64		
10	50	0		18.63	18.79	18.69		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.58	23.45	23.53	20.02	0.1005
5	1	12		23.57	23.58	23.57		
5	1	24		23.53	23.53	23.45		
5	12	0		22.55	22.59	22.50		
5	12	7		22.65	22.63	22.63		
5	12	13		22.60	22.60	22.60		
5	25	0		22.64	22.63	22.59		
5	1	0	16-QAM	22.88	22.91	22.86	19.40	0.0871
5	1	12		22.90	22.94	22.86		
5	1	24		22.92	22.94	22.96		
5	12	0		21.53	21.55	21.54		
5	12	7		21.66	21.57	21.70		
5	12	13		21.63	21.68	21.57		
5	25	0		21.56	21.59	21.57		
5	1	0	64-QAM	21.74	21.75	21.79	18.27	0.0671
5	1	12		21.73	21.75	21.75		
5	1	24		21.83	21.72	21.70		
5	12	0		20.57	20.59	20.56		
5	12	7		20.68	20.64	20.69		
5	12	13		20.64	20.64	20.63		
5	25	0		20.63	20.64	20.58		
5	1	0	256-QAM	18.60	18.82	18.59	15.26	0.0336
5	1	12		18.60	18.77	18.67		
5	1	24		18.59	18.70	18.67		
5	12	0		18.48	18.56	18.50		
5	12	7		18.55	18.79	18.61		
5	12	13		18.39	18.60	18.50		
5	25	0		18.43	18.61	18.50		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.54	23.45	23.53	20.03	0.1007
3	1	8		23.53	23.59	23.51		
3	1	14		23.51	23.51	23.53		
3	8	0		22.59	22.54	22.49		
3	8	4		22.62	22.62	22.69		
3	8	7		22.59	22.69	22.60		
3	15	0		22.57	22.60	22.58		
3	1	0	16-QAM	22.87	22.92	22.88	19.43	0.0877
3	1	8		22.88	22.90	22.91		
3	1	14		22.99	22.91	22.89		
3	8	0		21.59	21.56	21.54		
3	8	4		21.69	21.53	21.67		
3	8	7		21.70	21.63	21.65		
3	15	0		21.64	21.66	21.65		
3	1	0	64-QAM	21.75	21.77	21.71	18.26	0.0670
3	1	8		21.78	21.73	21.70		
3	1	14		21.82	21.70	21.75		
3	8	0		20.60	20.53	20.53		
3	8	4		20.71	20.63	20.70		
3	8	7		20.64	20.61	20.65		
3	15	0		20.59	20.59	20.63		
3	1	0	256-QAM	18.60	18.77	18.59	15.21	0.0332
3	1	8		18.53	18.74	18.61		
3	1	14		18.64	18.68	18.63		
3	8	0		18.43	18.55	18.46		
3	8	4		18.61	18.74	18.62		
3	8	7		18.42	18.60	18.47		
3	15	0		18.52	18.69	18.54		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.41 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.69	23.66	23.63	20.14	0.1033
1.4	1	3		23.61	23.70	23.68		
1.4	1	5		23.70	23.62	23.59		
1.4	3	0		23.69	23.70	23.58		
1.4	3	1		23.64	23.69	23.63		
1.4	3	3		23.69	23.66	23.57		
1.4	6	0		22.60	22.60	22.65		
1.4	1	0	16-QAM	22.69	22.66	22.75	19.49	0.0889
1.4	1	3		22.71	22.69	22.70		
1.4	1	5		22.69	22.71	22.71		
1.4	3	0		23.04	23.02	22.93		
1.4	3	1		23.00	22.97	23.04		
1.4	3	3		22.99	23.05	23.00		
1.4	6	0		21.64	21.63	21.64		
1.4	1	0	64-QAM	21.73	21.65	21.74	18.37	0.0687
1.4	1	3		21.81	21.76	21.76		
1.4	1	5		21.74	21.78	21.71		
1.4	3	0		21.88	21.87	21.82		
1.4	3	1		21.93	21.87	21.87		
1.4	3	3		21.93	21.89	21.83		
1.4	6	0		20.71	20.69	20.66		
1.4	1	0	256-QAM	18.63	18.93	18.69	15.37	0.0344
1.4	1	3		18.71	18.81	18.68		
1.4	1	5		18.69	18.86	18.78		
1.4	3	0		18.61	18.74	18.65		
1.4	3	1		18.64	18.81	18.68		
1.4	3	3		18.48	18.77	18.57		
1.4	6	0		18.62	18.71	18.59		
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -1.14 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK		23.60		20.31	0.1074
10	1	25			23.59			
10	1	49			23.57			
10	25	0			22.66			
10	25	12			22.58			
10	25	25			22.61			
10	50	0			22.65			
10	1	0	16-QAM		22.88		19.69	0.0931
10	1	25			22.95			
10	1	49			22.98			
10	25	0			21.68			
10	25	12			21.62			
10	25	25			21.61			
10	50	0			21.65			
10	1	0	64-QAM		21.71		18.58	0.0721
10	1	25			21.77			
10	1	49			21.87			
10	25	0			20.66			
10	25	12			20.61			
10	25	25			20.61			
10	50	0			20.66			
10	1	0	256-QAM		18.87		15.61	0.0364
10	1	25			18.90			
10	1	49			18.83			
10	25	0			18.68			
10	25	12			18.88			
10	25	25			18.72			
10	50	0			18.76			
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -1.14 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.45	23.47	23.49	20.20	0.1047
5	1	12		23.41	23.43	23.47		
5	1	24		23.43	23.45	23.41		
5	12	0		22.49	22.55	22.46		
5	12	7		22.43	22.45	22.41		
5	12	13		22.43	22.46	22.47		
5	25	0		22.53	22.50	22.46		
5	1	0	16-QAM	22.73	22.71	22.73	19.56	0.0904
5	1	12		22.85	22.76	22.77		
5	1	24		22.84	22.79	22.84		
5	12	0		21.55	21.50	21.51		
5	12	7		21.46	21.46	21.44		
5	12	13		21.46	21.43	21.49		
5	25	0		21.46	21.54	21.51		
5	1	0	64-QAM	21.54	21.60	21.57	18.48	0.0705
5	1	12		21.60	21.61	21.62		
5	1	24		21.72	21.68	21.77		
5	12	0		20.50	20.47	20.51		
5	12	7		20.51	20.45	20.41		
5	12	13		20.51	20.48	20.44		
5	25	0		20.50	20.46	20.53		
5	1	0	256-QAM	18.72	18.71	18.77	15.51	0.0356
5	1	12		18.78	18.80	18.74		
5	1	24		18.68	18.66	18.63		
5	12	0		18.57	18.55	18.48		
5	12	7		18.68	18.78	18.77		
5	12	13		18.57	18.53	18.59		
5	25	0		18.60	18.64	18.58		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -1.32 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.79	23.80	23.78	20.33	0.1079
10	1	25		23.73	23.75	23.74		
10	1	49		23.73	23.75	23.72		
10	25	0		22.70	22.71	22.72		
10	25	12		22.84	22.83	22.83		
10	25	25		22.81	22.82	22.83		
10	50	0		22.82	22.73	22.77		
10	1	0	16-QAM	23.11	23.03	23.05	19.70	0.0933
10	1	25		23.13	23.14	23.14		
10	1	49		23.15	23.12	23.17		
10	25	0		21.74	21.73	21.73		
10	25	12		21.83	21.77	21.80		
10	25	25		21.84	21.86	21.83		
10	50	0		21.80	21.75	21.77		
10	1	0	64-QAM	21.91	21.93	21.86	18.56	0.0718
10	1	25		21.99	21.99	21.97		
10	1	49		22.00	21.97	22.03		
10	25	0		20.72	20.73	20.73		
10	25	12		20.82	20.77	20.79		
10	25	25		20.84	20.84	20.84		
10	50	0		20.81	20.74	20.74		
10	1	0	256-QAM	18.65	18.85	18.72	15.38	0.0345
10	1	25		18.64	18.85	18.74		
10	1	49		18.73	18.81	18.74		
10	25	0		18.61	18.68	18.60		
10	25	12		18.69	18.84	18.75		
10	25	25		18.53	18.75	18.60		
10	50	0		18.54	18.71	18.61		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -1.32 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.26	23.25	23.32	19.85	0.0966
5	1	12		23.20	23.28	23.31		
5	1	24		23.20	23.24	23.27		
5	12	0		22.29	22.40	22.31		
5	12	7		22.25	22.25	22.26		
5	12	13		22.24	22.26	22.30		
5	25	0		22.34	22.35	22.29		
5	1	0	16-QAM	22.61	22.56	22.54	19.23	0.0838
5	1	12		22.69	22.56	22.60		
5	1	24		22.70	22.57	22.69		
5	12	0		21.39	21.31	21.35		
5	12	7		21.31	21.31	21.22		
5	12	13		21.32	21.26	21.31		
5	25	0		21.23	21.39	21.29		
5	1	0	64-QAM	21.36	21.43	21.42	18.14	0.0652
5	1	12		21.43	21.45	21.45		
5	1	24		21.58	21.49	21.61		
5	12	0		20.27	20.32	20.39		
5	12	7		20.27	20.28	20.21		
5	12	13		20.29	20.26	20.29		
5	25	0		20.33	20.29	20.38		
5	1	0	256-QAM	18.56	18.54	18.58	15.18	0.0330
5	1	12		18.62	18.65	18.56		
5	1	24		18.47	18.52	18.47		
5	12	0		18.34	18.32	18.35		
5	12	7		18.48	18.59	18.62		
5	12	13		18.35	18.38	18.41		
5	25	0		18.39	18.44	18.39		
Limit	ERP < 3W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.54	23.17	23.38	21.68	0.1472
15	1	37		23.44	23.53	23.48		
15	1	74		23.52	23.50	23.50		
15	36	0		22.50	22.45	22.51		
15	36	20		22.44	22.52	22.52		
15	36	39		22.59	22.57	22.70		
15	75	0		22.48	22.38	22.55		
15	1	0	16-QAM	22.66	22.49	22.65	21.10	0.1288
15	1	37		22.78	22.96	22.83		
15	1	74		22.88	22.89	22.81		
15	36	0		21.49	21.63	21.52		
15	36	20		21.46	21.47	21.60		
15	36	39		21.61	21.41	21.68		
15	75	0		21.51	21.44	21.58		
15	1	0	64-QAM	21.63	21.37	21.56	19.97	0.0993
15	1	37		21.67	21.76	21.74		
15	1	74		21.78	21.83	21.73		
15	36	0		20.49	20.39	20.55		
15	36	20		20.47	20.80	20.57		
15	36	39		20.59	20.61	20.72		
15	75	0		20.53	20.66	20.59		
15	1	0	256-QAM	18.87	18.52	18.74	17.01	0.0502
15	1	37		18.77	18.49	18.53		
15	1	74		18.66	18.70	18.58		
15	36	0		18.61	18.31	18.49		
15	36	20		18.66	18.43	18.47		
15	36	39		18.67	18.27	18.55		
15	75	0		18.60	18.74	18.43		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.19	23.38	23.25	21.62	0.1452
10	1	25		23.23	23.32	23.32		
10	1	49		23.48	23.40	23.36		
10	25	0		22.34	22.38	22.34		
10	25	12		22.44	22.43	22.41		
10	25	25		22.55	22.40	22.54		
10	50	0		22.36	22.35	22.43		
10	1	0	16-QAM	22.31	22.57	22.46	20.86	0.1219
10	1	25		22.72	22.54	22.65		
10	1	49		22.62	22.66	22.61		
10	25	0		21.37	21.20	21.36		
10	25	12		21.37	21.36	21.49		
10	25	25		21.42	21.39	21.49		
10	50	0		21.48	21.30	21.47		
10	1	0	64-QAM	21.35	21.42	21.41	19.77	0.0948
10	1	25		21.59	21.59	21.62		
10	1	49		21.53	21.60	21.63		
10	25	0		20.31	20.34	20.39		
10	25	12		20.44	20.31	20.40		
10	25	25		20.44	20.48	20.62		
10	50	0		20.28	20.44	20.45		
10	1	0	256-QAM	18.69	18.71	18.58	16.87	0.0486
10	1	25		18.64	18.73	18.38		
10	1	49		18.36	18.55	18.39		
10	25	0		18.23	18.33	18.34		
10	25	12		18.31	18.54	18.30		
10	25	25		18.18	18.42	18.45		
10	50	0		18.41	18.32	18.26		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.01	23.26	23.25	21.51	0.1416
5	1	12		23.31	23.20	23.30		
5	1	24		23.32	23.32	23.37		
5	12	0		22.36	22.31	22.33		
5	12	7		22.48	22.33	22.40		
5	12	13		22.41	22.51	22.54		
5	25	0		22.42	22.37	22.45		
5	1	0	16-QAM	22.35	22.60	22.54	20.85	0.1216
5	1	12		22.71	22.58	22.70		
5	1	24		22.66	22.66	22.68		
5	12	0		21.35	21.40	21.39		
5	12	7		21.36	21.45	21.43		
5	12	13		21.56	21.50	21.50		
5	25	0		21.39	21.39	21.45		
5	1	0	64-QAM	21.43	21.45	21.37	19.75	0.0944
5	1	12		21.44	21.54	21.61		
5	1	24		21.58	21.57	21.55		
5	12	0		20.25	20.23	20.41		
5	12	7		20.36	20.34	20.46		
5	12	13		20.34	20.54	20.61		
5	25	0		20.51	20.44	20.40		
5	1	0	256-QAM	18.43	18.75	18.58	16.89	0.0489
5	1	12		18.52	18.67	18.42		
5	1	24		18.47	18.49	18.45		
5	12	0		18.20	18.49	18.33		
5	12	7		18.34	18.48	18.37		
5	12	13		18.21	18.53	18.40		
5	25	0		18.49	18.38	18.26		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.05	23.29	23.25	21.61	0.1449
3	1	8		23.24	23.36	23.32		
3	1	14		23.39	23.47	23.33		
3	8	0		22.30	22.31	22.34		
3	8	4		22.38	22.26	22.40		
3	8	7		22.41	22.29	22.54		
3	15	0		22.49	22.31	22.35		
3	1	0	16-QAM	22.43	22.58	22.47	20.89	0.1227
3	1	8		22.57	22.72	22.64		
3	1	14		22.60	22.75	22.61		
3	8	0		21.21	21.37	21.41		
3	8	4		21.41	21.22	21.49		
3	8	7		21.39	21.41	21.52		
3	15	0		21.28	21.42	21.46		
3	1	0	64-QAM	21.24	21.53	21.43	19.76	0.0946
3	1	8		21.47	21.54	21.61		
3	1	14		21.56	21.62	21.60		
3	8	0		20.38	20.33	20.42		
3	8	4		20.55	20.37	20.40		
3	8	7		20.40	20.42	20.60		
3	15	0		20.33	20.37	20.40		
3	1	0	256-QAM	18.45	18.68	18.55	16.82	0.0481
3	1	8		18.58	18.54	18.33		
3	1	14		18.26	18.54	18.45		
3	8	0		18.36	18.37	18.36		
3	8	4		18.36	18.40	18.30		
3	8	7		18.29	18.60	18.44		
3	15	0		18.44	18.48	18.33		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.26	23.28	23.29	21.67	0.1469
1.4	1	3		23.37	23.36	23.38		
1.4	1	5		23.53	23.41	23.47		
1.4	3	0		23.28	23.20	23.32		
1.4	3	1		23.51	23.45	23.45		
1.4	3	3		23.47	23.48	23.41		
1.4	6	0		22.38	22.45	22.50		
1.4	1	0	16-QAM	22.53	22.48	22.52	20.98	0.1253
1.4	1	3		22.47	22.55	22.67		
1.4	1	5		22.42	22.44	22.50		
1.4	3	0		22.52	22.69	22.61		
1.4	3	1		22.72	22.67	22.76		
1.4	3	3		22.71	22.84	22.71		
1.4	6	0		21.54	21.35	21.50		
1.4	1	0	64-QAM	21.51	21.35	21.56	19.93	0.0984
1.4	1	3		21.61	21.47	21.62		
1.4	1	5		21.50	21.55	21.57		
1.4	3	0		21.51	21.63	21.55		
1.4	3	1		21.54	21.67	21.66		
1.4	3	3		21.66	21.79	21.72		
1.4	6	0		20.46	20.53	20.46		
1.4	1	0	256-QAM	18.59	18.95	18.69	17.09	0.0512
1.4	1	3		18.59	18.68	18.50		
1.4	1	5		18.54	18.53	18.49		
1.4	3	0		18.41	18.53	18.42		
1.4	3	1		18.47	18.57	18.43		
1.4	3	3		18.39	18.51	18.49		
1.4	6	0		18.51	18.54	18.37		
Limit	ERP < 7W			Result			Pass	



LTE Band 38 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	23.28	23.34	23.32	25.24	0.3342
20	1	49		23.26	23.33	23.33		
20	1	99		23.26	23.29	23.22		
20	50	0		22.30	22.35	22.32		
20	50	24		22.42	22.36	22.33		
20	50	50		22.41	22.42	22.38		
20	100	0		22.38	22.34	22.31		
20	1	0	16-QAM	22.31	22.41	22.41	24.35	0.2723
20	1	49		22.35	22.45	22.44		
20	1	99		22.27	22.36	22.31		
20	50	0		21.31	21.35	21.34		
20	50	24		21.42	21.36	21.34		
20	50	50		21.42	21.45	21.38		
20	100	0		21.40	21.38	21.31		
20	1	0	64-QAM	21.20	21.27	21.28	23.23	0.2104
20	1	49		21.23	21.33	21.28		
20	1	99		21.19	21.24	21.19		
20	50	0		20.31	20.36	20.34		
20	50	24		20.41	20.36	20.33		
20	50	50		20.42	20.46	20.38		
20	100	0		20.40	20.37	20.32		
20	1	0	256-QAM	18.40	18.55	18.45	20.45	0.1109
20	1	49		18.35	18.47	18.32		
20	1	99		18.36	18.52	18.39		
20	50	0		18.35	18.45	18.28		
20	50	24		18.39	18.52	18.36		
20	50	50		18.43	18.55	18.40		
20	100	0		18.33	18.49	18.35		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 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	23.18	23.23	23.25	25.17	0.3289
15	1	37		23.19	23.27	23.21		
15	1	74		23.15	23.17	23.10		
15	36	0		22.23	22.25	22.23		
15	36	20		22.34	22.30	22.27		
15	36	39		22.28	22.34	22.25		
15	75	0		22.25	22.28	22.21		
15	1	0	16-QAM	22.23	22.31	22.28	24.27	0.2673
15	1	37		22.24	22.37	22.34		
15	1	74		22.20	22.28	22.18		
15	36	0		21.24	21.24	21.22		
15	36	20		21.30	21.30	21.25		
15	36	39		21.36	21.32	21.32		
15	75	0		21.32	21.26	21.23		
15	1	0	64-QAM	21.14	21.18	21.19	23.11	0.2046
15	1	37		21.10	21.21	21.17		
15	1	74		21.08	21.13	21.09		
15	36	0		20.24	20.29	20.27		
15	36	20		20.32	20.26	20.23		
15	36	39		20.31	20.37	20.26		
15	75	0		20.32	20.24	20.21		
15	1	0	256-QAM	18.28	18.46	18.34	20.36	0.1086
15	1	37		18.29	18.35	18.25		
15	1	74		18.26	18.43	18.29		
15	36	0		18.27	18.34	18.15		
15	36	20		18.32	18.42	18.27		
15	36	39		18.31	18.45	18.32		
15	75	0		18.23	18.40	18.22		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 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	23.20	23.22	23.23	25.18	0.3296
10	1	25		23.19	23.28	23.20		
10	1	49		23.14	23.20	23.13		
10	25	0		22.21	22.27	22.24		
10	25	12		22.34	22.24	22.26		
10	25	25		22.33	22.33	22.32		
10	50	0		22.31	22.27	22.25		
10	1	0	16-QAM	22.20	22.28	22.29	24.23	0.2649
10	1	25		22.26	22.32	22.33		
10	1	49		22.14	22.29	22.21		
10	25	0		21.20	21.27	21.28		
10	25	12		21.34	21.25	21.26		
10	25	25		21.30	21.33	21.31		
10	50	0		21.31	21.26	21.21		
10	1	0	64-QAM	21.10	21.17	21.16	23.16	0.2070
10	1	25		21.16	21.26	21.15		
10	1	49		21.07	21.11	21.09		
10	25	0		20.25	20.26	20.23		
10	25	12		20.35	20.30	20.22		
10	25	25		20.35	20.33	20.28		
10	50	0		20.29	20.25	20.23		
10	1	0	256-QAM	18.29	18.47	18.32	20.39	0.1094
10	1	25		18.25	18.40	18.23		
10	1	49		18.26	18.46	18.26		
10	25	0		18.25	18.34	18.15		
10	25	12		18.33	18.39	18.26		
10	25	25		18.35	18.49	18.29		
10	50	0		18.21	18.40	18.28		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 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	23.20	23.23	23.24	25.14	0.3266
5	1	12		23.14	23.22	23.23		
5	1	24		23.18	23.18	23.09		
5	12	0		22.18	22.24	22.24		
5	12	7		22.36	22.29	22.20		
5	12	13		22.32	22.30	22.30		
5	25	0		22.28	22.27	22.23		
5	1	0	16-QAM	22.21	22.31	22.32	24.28	0.2679
5	1	12		22.23	22.38	22.38		
5	1	24		22.21	22.29	22.19		
5	12	0		21.19	21.23	21.27		
5	12	7		21.34	21.28	21.23		
5	12	13		21.36	21.34	21.27		
5	25	0		21.27	21.26	21.18		
5	1	0	64-QAM	21.11	21.17	21.22	23.14	0.2061
5	1	12		21.15	21.24	21.19		
5	1	24		21.07	21.18	21.09		
5	12	0		20.22	20.30	20.27		
5	12	7		20.34	20.28	20.24		
5	12	13		20.35	20.33	20.29		
5	25	0		20.27	20.24	20.22		
5	1	0	256-QAM	18.34	18.45	18.36	20.36	0.1086
5	1	12		18.26	18.34	18.20		
5	1	24		18.26	18.40	18.28		
5	12	0		18.26	18.35	18.19		
5	12	7		18.32	18.46	18.27		
5	12	13		18.32	18.46	18.30		
5	25	0		18.23	18.43	18.28		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.15	23.15	23.11	24.95	0.3126
20	1	49		23.14	23.08	23.04		
20	1	99		23.09	23.12	23.09		
20	50	0		22.14	22.03	22.04		
20	50	24		22.23	22.15	22.11		
20	50	50		22.21	22.13	22.06		
20	100	0		22.24	22.14	22.10		
20	1	0	16-QAM	22.18	22.06	22.08	23.99	0.2506
20	1	49		22.19	22.04	22.15		
20	1	99		22.18	22.11	22.11		
20	50	0		21.16	21.05	21.05		
20	50	24		21.25	21.15	21.11		
20	50	50		21.21	21.14	21.06		
20	100	0		21.23	21.12	21.11		
20	1	0	64-QAM	21.08	21.00	21.02	22.94	0.1968
20	1	49		21.09	21.07	21.04		
20	1	99		21.03	21.14	21.05		
20	50	0		20.16	20.05	20.06		
20	50	24		20.25	20.14	20.10		
20	50	50		20.22	20.17	20.07		
20	100	0		20.23	20.16	20.10		
20	1	0	256-QAM	18.42	18.37	18.42	20.25	0.1059
20	1	49		18.28	18.33	18.40		
20	1	99		18.39	18.32	18.35		
20	50	0		18.32	18.25	18.36		
20	50	24		18.33	18.40	18.41		
20	50	50		18.42	18.45	18.40		
20	100	0		18.29	18.29	18.33		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.02	23.07	23.19	24.99	0.3155
15	1	37		23.00	23.02	23.17		
15	1	74		23.00	23.02	23.19		
15	36	0		22.01	23.01	22.10		
15	36	20		22.08	22.01	22.20		
15	36	39		22.08	22.07	22.15		
15	75	0		22.13	22.00	22.16		
15	1	0	16-QAM	22.10	22.03	22.16	24.04	0.2535
15	1	37		22.11	22.06	22.24		
15	1	74		22.09	22.03	22.17		
15	36	0		21.08	21.02	21.17		
15	36	20		21.19	21.02	21.18		
15	36	39		21.12	21.03	21.16		
15	75	0		21.10	21.05	21.18		
15	1	0	64-QAM	21.06	21.08	21.07	22.92	0.1959
15	1	37		21.05	21.03	21.12		
15	1	74		21.06	21.04	21.12		
15	36	0		20.10	20.02	20.15		
15	36	20		20.10	20.07	20.19		
15	36	39		20.08	20.07	20.17		
15	75	0		20.16	20.06	20.04		
15	1	0	256-QAM	18.29	18.29	18.29	20.16	0.1038
15	1	37		18.13	18.25	18.25		
15	1	74		18.28	18.19	18.20		
15	36	0		18.18	18.10	18.21		
15	36	20		18.20	18.31	18.32		
15	36	39		18.28	18.36	18.32		
15	75	0		18.19	18.15	18.24		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.08	23.16	23.23	25.03	0.3184
10	1	25		23.04	23.08	23.16		
10	1	49		23.00	23.12	23.16		
10	25	0		22.00	22.05	22.14		
10	25	12		22.10	22.16	22.19		
10	25	25		22.09	22.13	22.17		
10	50	0		22.18	22.10	22.20		
10	1	0	16-QAM	22.05	22.08	22.16	24.07	0.2553
10	1	25		22.04	22.02	22.27		
10	1	49		22.07	22.13	22.22		
10	25	0		21.04	21.09	21.14		
10	25	12		21.19	21.16	21.25		
10	25	25		21.10	21.15	21.13		
10	50	0		21.11	21.09	21.20		
10	1	0	64-QAM	21.00	21.09	21.16	22.96	0.1977
10	1	25		21.02	21.04	21.10		
10	1	49		21.05	21.16	21.14		
10	25	0		20.03	20.03	20.12		
10	25	12		20.11	20.12	20.21		
10	25	25		20.10	20.12	20.19		
10	50	0		20.15	20.13	20.19		
10	1	0	256-QAM	18.29	18.30	18.30	20.14	0.1033
10	1	25		18.18	18.25	18.33		
10	1	49		18.31	18.22	18.29		
10	25	0		18.21	18.18	18.24		
10	25	12		18.21	18.25	18.28		
10	25	25		18.34	18.32	18.26		
10	50	0		18.19	18.16	18.18		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.00	23.14	23.11	24.94	0.3119
5	1	12		23.02	23.12	23.05		
5	1	24		23.06	23.12	23.08		
5	12	0		22.03	22.03	22.03		
5	12	7		22.10	22.18	22.13		
5	12	13		22.13	22.10	22.06		
5	25	0		22.17	22.12	22.14		
5	1	0	16-QAM	22.12	22.03	22.11	23.95	0.2483
5	1	12		22.12	22.01	22.15		
5	1	24		22.07	22.06	22.13		
5	12	0		21.02	21.09	21.00		
5	12	7		21.12	21.19	21.06		
5	12	13		21.14	21.09	21.10		
5	25	0		21.14	21.13	21.13		
5	1	0	64-QAM	21.07	21.02	21.05	22.93	0.1963
5	1	12		21.07	21.09	21.00		
5	1	24		21.10	21.13	21.00		
5	12	0		20.06	20.04	20.06		
5	12	7		20.12	20.16	20.07		
5	12	13		20.09	20.18	20.07		
5	25	0		20.12	20.19	20.07		
5	1	0	256-QAM	18.35	18.26	18.36	20.16	0.1038
5	1	12		18.17	18.22	18.25		
5	1	24		18.25	18.26	18.24		
5	12	0		18.19	18.16	18.27		
5	12	7		18.22	18.30	18.32		
5	12	13		18.35	18.34	18.34		
5	25	0		18.19	18.16	18.23		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.70	25.69	25.56	27.50	0.5623
20	1	49		25.68	25.59	25.52		
20	1	99		25.66	25.63	25.55		
20	50	0		24.75	24.57	24.58		
20	50	24		24.84	24.67	24.67		
20	50	50		24.81	24.71	24.61		
20	100	0		24.82	24.68	24.62		
20	1	0	16-QAM	24.97	24.89	24.93	26.98	0.4989
20	1	49		25.18	24.92	25.00		
20	1	99		25.01	24.93	24.91		
20	50	0		23.78	23.62	23.63		
20	50	24		23.85	23.72	23.69		
20	50	50		23.83	23.72	23.65		
20	100	0		23.86	23.72	23.66		
20	1	0	64-QAM	23.91	23.83	23.85	25.71	0.3724
20	1	49		23.90	23.76	23.81		
20	1	99		23.87	23.89	23.81		
20	50	0		22.77	22.62	22.65		
20	50	24		22.86	22.72	22.68		
20	50	50		22.84	22.75	22.65		
20	100	0		22.87	22.73	22.66		
20	1	0	256-QAM	20.77	20.75	20.73	22.57	0.1807
20	1	49		20.66	20.71	20.70		
20	1	99		20.62	20.64	20.69		
20	50	0		20.73	20.68	20.73		
20	50	24		20.69	20.61	20.62		
20	50	50		20.70	20.70	20.65		
20	100	0		20.69	20.64	20.73		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.59	25.64	25.56	27.44	0.5546
15	1	37		25.63	25.52	25.52		
15	1	74		25.58	25.55	25.56		
15	36	0		24.67	24.50	24.54		
15	36	20		24.79	24.61	24.63		
15	36	39		24.70	24.62	24.54		
15	75	0		24.74	24.61	24.52		
15	1	0	16-QAM	24.91	24.79	24.87	26.88	0.4875
15	1	37		25.08	24.88	24.95		
15	1	74		24.95	24.86	24.84		
15	36	0		23.69	23.57	23.53		
15	36	20		23.80	23.66	23.62		
15	36	39		23.76	23.61	23.59		
15	75	0		23.81	23.64	23.62		
15	1	0	64-QAM	23.85	23.73	23.81	25.65	0.3673
15	1	37		23.80	23.66	23.72		
15	1	74		23.81	23.78	23.74		
15	36	0		22.68	22.54	22.57		
15	36	20		22.82	22.64	22.60		
15	36	39		22.76	22.65	22.54		
15	75	0		22.82	22.67	22.57		
15	1	0	256-QAM	20.68	20.70	20.68	22.50	0.1778
15	1	37		20.62	20.66	20.62		
15	1	74		20.54	20.57	20.63		
15	36	0		20.67	20.59	20.65		
15	36	20		20.64	20.54	20.58		
15	36	39		20.61	20.66	20.61		
15	75	0		20.58	20.58	20.66		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.65	25.60	25.52	27.45	0.5559
10	1	25		25.57	25.53	25.52		
10	1	49		25.57	25.53	25.57		
10	25	0		24.69	24.50	24.53		
10	25	12		24.74	24.56	24.58		
10	25	25		24.74	24.60	24.57		
10	50	0		24.73	24.61	24.52		
10	1	0	16-QAM	24.93	24.80	24.82	26.94	0.4943
10	1	25		25.14	24.82	24.95		
10	1	49		24.92	24.87	24.83		
10	25	0		23.67	23.56	23.53		
10	25	12		23.77	23.61	23.58		
10	25	25		23.79	23.63	23.55		
10	50	0		23.76	23.68	23.56		
10	1	0	64-QAM	23.85	23.78	23.81	25.65	0.3673
10	1	25		23.85	23.69	23.74		
10	1	49		23.80	23.81	23.75		
10	25	0		22.72	22.51	22.59		
10	25	12		22.77	22.67	22.62		
10	25	25		22.79	22.71	22.54		
10	50	0		22.77	22.68	22.58		
10	1	0	256-QAM	20.66	20.69	20.69	22.49	0.1774
10	1	25		20.58	20.67	20.64		
10	1	49		20.58	20.59	20.65		
10	25	0		20.65	20.57	20.64		
10	25	12		20.58	20.50	20.51		
10	25	25		20.61	20.64	20.55		
10	50	0		20.61	20.58	20.69		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.61	25.58	25.56	27.41	0.5508
5	1	12		25.57	25.58	25.55		
5	1	24		25.61	25.55	25.54		
5	12	0		24.66	24.50	25.58		
5	12	7		24.77	24.57	24.59		
5	12	13		24.71	24.65	24.53		
5	25	0		24.71	24.60	24.53		
5	1	0	16-QAM	24.90	24.80	24.89	26.91	0.4909
5	1	12		25.11	24.86	24.91		
5	1	24		24.90	24.83	24.86		
5	12	0		23.74	23.57	23.57		
5	12	7		23.79	23.61	23.61		
5	12	13		23.76	23.67	23.61		
5	25	0		23.82	23.61	23.60		
5	1	0	64-QAM	23.86	23.74	23.78	25.66	0.3681
5	1	12		23.86	23.68	23.77		
5	1	24		23.82	23.84	23.70		
5	12	0		22.70	22.52	22.61		
5	12	7		22.79	22.64	22.60		
5	12	13		22.80	22.66	22.56		
5	25	0		22.79	22.63	22.61		
5	1	0	256-QAM	20.68	20.67	20.67	22.49	0.1774
5	1	12		20.62	20.64	20.59		
5	1	24		20.57	20.55	20.62		
5	12	0		20.65	20.64	20.64		
5	12	7		20.59	20.52	20.56		
5	12	13		20.59	20.60	20.61		
5	25	0		20.59	20.56	20.69		
Limit	EIRP < 2W			Result			Pass	



LTE Band 30 Maximum Average Power [dBm] (GT - LC = 0.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK		21.41		21.89	0.1545
10	1	25			21.40			
10	1	49			21.35			
10	25	0			20.35			
10	25	12			20.39			
10	25	25			20.41			
10	50	0			20.36			
10	1	0	16-QAM		20.77		21.28	0.1343
10	1	25			20.80			
10	1	49			20.72			
10	25	0			19.37			
10	25	12			19.41			
10	25	25			19.44			
10	50	0			19.36			
10	1	0	64-QAM	-	19.66	-	20.14	0.1033
10	1	25			19.63			
10	1	49			19.59			
10	25	0			18.37			
10	25	12			18.42			
10	25	25			18.43			
10	50	0			18.36			
10	1	0	256-QAM		16.48		16.98	0.0499
10	1	25			16.44			
10	1	49			16.47			
10	25	0			16.42			
10	25	12			16.32			
10	25	25			16.50			
10	50	0			16.41			
Limit	EIRP < 250mW/5MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.



LTE Band 30 Maximum Average Power [dBm] (GT - LC = 0.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.35	21.29	21.30	21.83	0.1524
5	1	12		21.29	21.30	21.33		
5	1	24		21.20	21.29	21.20		
5	12	0		20.25	20.20	20.22		
5	12	7		20.24	20.32	20.27		
5	12	13		20.26	20.30	20.28		
5	25	0		20.25	20.25	20.27		
5	1	0	16-QAM	20.70	20.62	20.71	21.20	0.1318
5	1	12		20.71	20.67	20.72		
5	1	24		20.57	20.65	20.67		
5	12	0		19.29	19.28	19.22		
5	12	7		19.36	19.27	19.33		
5	12	13		19.30	19.35	19.36		
5	25	0		19.21	19.28	19.24		
5	1	0	64-QAM	19.58	19.54	19.61	20.09	0.1021
5	1	12		19.48	19.50	19.52		
5	1	24		19.48	19.52	19.47		
5	12	0		18.30	18.28	18.30		
5	12	7		18.32	18.28	18.31		
5	12	13		18.30	18.37	18.31		
5	25	0		18.23	18.21	18.23		
5	1	0	256-QAM	16.42	16.34	16.37	16.92	0.0492
5	1	12		16.39	16.33	16.29		
5	1	24		16.40	16.42	16.37		
5	12	0		16.31	16.37	16.32		
5	12	7		16.23	16.22	16.25		
5	12	13		16.40	16.37	16.44		
5	25	0		16.30	16.34	16.29		
Limit	EIRP < 250mW/5MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.48	23.54	23.43	24.84	0.3048
20	1	49		23.37	23.37	23.31		
20	1	99		23.41	23.37	23.20		
20	50	0		22.41	22.43	22.35		
20	50	24		22.45	22.41	22.34		
20	50	50		22.46	22.45	22.36		
20	100	0		22.45	22.38	22.33		
20	1	0	16-QAM	22.75	22.81	22.62	24.11	0.2576
20	1	49		22.69	22.77	22.65		
20	1	99		22.75	22.72	22.55		
20	50	0		21.43	21.44	21.38		
20	50	24		21.52	21.41	21.37		
20	50	50		21.49	21.47	21.40		
20	100	0		21.49	21.40	21.36		
20	1	0	64-QAM	21.69	21.68	21.58	22.99	0.1991
20	1	49		21.59	21.62	21.54		
20	1	99		21.61	21.58	21.44		
20	50	0		20.41	20.45	20.39		
20	50	24		20.50	20.42	20.35		
20	50	50		20.49	20.45	20.38		
20	100	0		20.48	20.41	20.33		
20	1	0	256-QAM	18.41	18.66	18.45	19.97	0.0993
20	1	49		18.54	18.67	18.53		
20	1	99		18.45	18.61	18.41		
20	50	0		18.34	18.52	18.29		
20	50	24		18.24	18.47	18.30		
20	50	50		18.41	18.59	18.37		
20	100	0		18.27	18.40	18.33		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.27	23.39	23.25	24.69	0.2944
15	1	37		23.30	23.30	23.24		
15	1	74		23.30	23.31	23.12		
15	36	0		22.28	22.31	22.25		
15	36	20		22.38	22.30	22.26		
15	36	39		22.38	22.39	22.23		
15	75	0		22.35	22.27	22.21		
15	1	0	16-QAM	22.65	22.70	22.50	24.00	0.2512
15	1	37		22.61	22.64	22.52		
15	1	74		22.66	22.65	22.45		
15	36	0		21.33	21.33	21.31		
15	36	20		21.46	21.31	21.27		
15	36	39		21.40	21.35	21.29		
15	75	0		21.37	21.34	21.24		
15	1	0	64-QAM	21.60	21.62	21.49	22.92	0.1959
15	1	37		21.49	21.55	21.48		
15	1	74		21.52	21.49	21.31		
15	36	0		20.31	20.38	20.29		
15	36	20		20.40	20.29	20.23		
15	36	39		20.39	20.34	20.32		
15	75	0		20.35	20.35	20.21		
15	1	0	256-QAM	18.29	18.53	18.37	19.90	0.0977
15	1	37		18.47	18.60	18.47		
15	1	74		18.39	18.51	18.28		
15	36	0		18.21	18.46	18.17		
15	36	20		18.14	18.34	18.17		
15	36	39		18.34	18.52	18.28		
15	75	0		18.17	18.31	18.25		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.25	23.37	23.20	24.67	0.2931
10	1	25		23.29	23.25	23.20		
10	1	49		23.30	23.30	23.12		
10	25	0		22.32	22.37	22.27		
10	25	12		22.34	22.30	22.22		
10	25	25		22.34	22.37	22.30		
10	50	0		22.39	22.30	22.27		
10	1	0	16-QAM	22.69	22.73	22.55	24.03	0.2529
10	1	25		22.61	22.70	22.56		
10	1	49		22.66	22.62	22.49		
10	25	0		21.33	21.38	21.31		
10	25	12		21.43	21.32	21.30		
10	25	25		21.40	21.36	21.28		
10	50	0		21.42	21.27	21.23		
10	1	0	64-QAM	21.59	21.56	21.47	22.89	0.1945
10	1	25		21.52	21.50	21.44		
10	1	49		21.53	21.47	21.38		
10	25	0		20.35	20.32	20.32		
10	25	12		20.39	20.35	20.24		
10	25	25		20.39	20.33	20.27		
10	50	0		20.36	20.33	20.21		
10	1	0	256-QAM	18.29	18.56	18.33	19.87	0.0971
10	1	25		18.47	18.57	18.44		
10	1	49		18.39	18.55	18.33		
10	25	0		18.23	18.44	18.20		
10	25	12		18.17	18.41	18.21		
10	25	25		18.32	18.50	18.25		
10	50	0		18.17	18.32	18.22		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.29	23.39	23.24	24.69	0.2944
5	1	12		23.28	23.28	23.23		
5	1	24		23.34	23.28	23.11		
5	12	0		22.33	22.30	22.25		
5	12	7		22.32	22.32	22.26		
5	12	13		22.36	22.35	22.29		
5	25	0		22.33	22.28	22.25		
5	1	0	16-QAM	22.68	22.75	22.54	24.05	0.2541
5	1	12		22.56	22.71	22.53		
5	1	24		22.66	22.63	22.49		
5	12	0		21.33	21.37	21.27		
5	12	7		21.44	21.34	21.27		
5	12	13		21.41	21.39	21.30		
5	25	0		21.41	21.33	21.27		
5	1	0	64-QAM	21.63	21.56	21.48	22.93	0.1963
5	1	12		21.51	21.52	21.48		
5	1	24		21.51	21.47	21.38		
5	12	0		20.34	20.37	20.33		
5	12	7		20.39	20.30	20.23		
5	12	13		20.37	20.35	20.29		
5	25	0		20.36	20.28	20.27		
5	1	0	256-QAM	18.35	18.60	18.38	19.90	0.0977
5	1	12		18.44	18.57	18.46		
5	1	24		18.37	18.55	18.35		
5	12	0		18.28	18.46	18.23		
5	12	7		18.16	18.36	18.21		
5	12	13		18.31	18.52	18.30		
5	25	0		18.17	18.33	18.23		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.30	23.38	23.20	24.68	0.2938
3	1	8		23.31	23.24	23.18		
3	1	14		23.34	23.25	23.07		
3	8	0		22.30	22.31	22.29		
3	8	4		22.33	22.30	22.23		
3	8	7		22.37	22.34	22.29		
3	15	0		22.32	22.30	22.26		
3	1	0	16-QAM	22.66	22.68	22.54	24.00	0.2512
3	1	8		22.56	22.70	22.58		
3	1	14		22.65	22.60	22.47		
3	8	0		21.33	21.38	21.25		
3	8	4		21.44	21.29	21.30		
3	8	7		21.38	21.34	21.31		
3	15	0		21.37	21.29	21.25		
3	1	0	64-QAM	21.61	21.60	21.51	22.91	0.1954
3	1	8		21.47	21.51	21.42		
3	1	14		21.50	21.47	21.33		
3	8	0		20.28	20.33	20.27		
3	8	4		20.38	20.32	20.23		
3	8	7		20.39	20.37	20.27		
3	15	0		20.42	20.31	20.20		
3	1	0	256-QAM	18.33	18.55	18.38	19.90	0.0977
3	1	8		18.45	18.60	18.43		
3	1	14		18.35	18.49	18.32		
3	8	0		18.28	18.44	18.18		
3	8	4		18.18	18.38	18.23		
3	8	7		18.31	18.48	18.27		
3	15	0		18.15	18.27	18.22		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.28	23.40	23.27	24.76	0.2992
1.4	1	3		23.29	23.28	23.31		
1.4	1	5		23.31	23.35	23.10		
1.4	3	0		23.28	23.46	23.26		
1.4	3	1		23.35	23.29	23.31		
1.4	3	3		23.33	23.31	23.17		
1.4	6	0		22.40	22.36	22.27		
1.4	1	0	16-QAM	22.45	22.34	22.29	24.11	0.2576
1.4	1	3		22.39	22.37	22.26		
1.4	1	5		22.35	22.28	22.33		
1.4	3	0		22.73	22.81	22.60		
1.4	3	1		22.61	22.75	22.62		
1.4	3	3		22.68	22.68	22.47		
1.4	6	0		21.34	21.35	21.38		
1.4	1	0	64-QAM	21.52	21.40	21.29	22.98	0.1986
1.4	1	3		21.40	21.38	21.35		
1.4	1	5		21.47	21.39	21.36		
1.4	3	0		21.67	21.68	21.58		
1.4	3	1		21.50	21.56	21.44		
1.4	3	3		21.58	21.53	21.44		
1.4	6	0		20.38	20.38	20.31		
1.4	1	0	256-QAM	18.36	18.62	18.45	19.92	0.0982
1.4	1	3		18.44	18.59	18.46		
1.4	1	5		18.44	18.56	18.38		
1.4	3	0		18.30	18.51	18.27		
1.4	3	1		18.20	18.37	18.23		
1.4	3	3		18.33	18.53	18.29		
1.4	6	0		18.19	18.39	18.33		
Limit	EIRP < 1W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	23.73	23.74	23.68	20.50	0.1122
20	1	49		23.72	23.64	23.67		
20	1	99		23.57	23.58	23.51		
20	50	0		22.85	22.77	22.69		
20	50	24		22.84	22.66	22.67		
20	50	50		22.72	22.65	22.65		
20	100	0		22.87	22.68	22.76		
20	1	0	16-QAM	23.04	22.98	22.99	19.84	0.0964
20	1	49		23.08	22.99	23.06		
20	1	99		22.82	22.92	22.78		
20	50	0		21.80	21.76	21.68		
20	50	24		21.85	21.67	21.67		
20	50	50		21.77	21.67	21.69		
20	100	0		21.86	21.70	21.77		
20	1	0	64-QAM	21.93	21.93	21.87	18.71	0.0743
20	1	49		21.95	21.84	21.91		
20	1	99		21.78	21.78	21.75		
20	50	0		20.79	20.77	20.69		
20	50	24		20.86	20.68	20.67		
20	50	50		20.74	20.71	20.69		
20	100	0		20.87	20.70	20.75		
20	1	0	256-QAM	18.60	18.81	18.68	15.57	0.0361
20	1	49		18.62	18.76	18.65		
20	1	99		18.66	18.79	18.64		
20	50	0		18.58	18.59	18.60		
20	50	24		18.62	18.81	18.70		
20	50	50		18.45	18.70	18.50		
20	100	0		18.51	18.68	18.55		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.64	23.63	23.62	20.40	0.1096
15	1	37		23.62	23.54	23.61		
15	1	74		23.49	23.49	23.38		
15	36	0		22.79	22.65	22.62		
15	36	20		22.77	22.57	22.55		
15	36	39		22.63	22.59	22.55		
15	75	0		22.81	22.56	22.70		
15	1	0	16-QAM	22.92	22.88	22.88	19.75	0.0944
15	1	37		22.97	22.87	22.99		
15	1	74		22.76	22.83	22.67		
15	36	0		21.74	21.66	21.57		
15	36	20		21.74	21.61	21.55		
15	36	39		21.68	21.59	21.57		
15	75	0		21.79	21.60	21.66		
15	1	0	64-QAM	21.85	21.85	21.78	18.61	0.0726
15	1	37		21.84	21.71	21.79		
15	1	74		21.65	21.72	21.62		
15	36	0		20.72	20.68	20.63		
15	36	20		20.78	20.59	20.60		
15	36	39		20.64	20.59	20.57		
15	75	0		20.77	20.58	20.67		
15	1	0	256-QAM	18.49	18.72	18.55	15.49	0.0354
15	1	37		18.50	18.66	18.52		
15	1	74		18.55	18.73	18.54		
15	36	0		18.52	18.53	18.49		
15	36	20		18.51	18.71	18.57		
15	36	39		18.35	18.64	18.41		
15	75	0		18.44	18.58	18.43		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.60	23.63	23.60	20.39	0.1094
10	1	25		23.61	23.54	23.59		
10	1	49		23.45	23.50	23.39		
10	25	0		22.73	22.64	22.57		
10	25	12		22.75	22.60	22.57		
10	25	25		22.61	22.59	22.56		
10	50	0		22.77	22.61	22.67		
10	1	0	16-QAM	22.98	22.85	22.87	19.74	0.0942
10	1	25		22.96	22.92	22.96		
10	1	49		22.71	22.80	22.72		
10	25	0		21.72	21.66	21.56		
10	25	12		21.75	21.57	21.59		
10	25	25		21.65	21.61	21.57		
10	50	0		21.73	21.64	21.71		
10	1	0	64-QAM	21.85	21.85	21.75	18.61	0.0726
10	1	25		21.82	21.78	21.83		
10	1	49		21.69	21.71	21.68		
10	25	0		20.69	20.71	20.62		
10	25	12		20.76	20.55	20.60		
10	25	25		20.62	20.60	20.63		
10	50	0		20.77	20.62	20.68		
10	1	0	256-QAM	18.52	18.71	18.59	15.47	0.0352
10	1	25		18.49	18.63	18.53		
10	1	49		18.60	18.70	18.55		
10	25	0		18.48	18.51	18.50		
10	25	12		18.55	18.68	18.63		
10	25	25		18.36	18.58	18.39		
10	50	0		18.42	18.57	18.48		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.65	23.64	23.59	20.41	0.1099
5	1	12		23.64	23.52	23.60		
5	1	24		23.49	23.48	23.45		
5	12	0		22.78	22.70	22.59		
5	12	7		22.75	22.54	22.56		
5	12	13		22.61	22.55	22.54		
5	25	0		22.75	22.57	22.66		
5	1	0	16-QAM	22.92	22.85	22.92	19.72	0.0938
5	1	12		22.96	22.89	22.94		
5	1	24		22.70	22.82	22.67		
5	12	0		21.71	21.66	21.55		
5	12	7		21.78	21.54	21.61		
5	12	13		21.70	21.59	21.56		
5	25	0		21.76	21.61	21.67		
5	1	0	64-QAM	21.80	21.84	21.74	18.62	0.0728
5	1	12		21.86	21.74	21.78		
5	1	24		21.69	21.68	21.64		
5	12	0		20.71	20.69	20.59		
5	12	7		20.76	20.61	20.61		
5	12	13		20.64	20.63	20.56		
5	25	0		20.79	20.63	20.67		
5	1	0	256-QAM	18.47	18.74	18.59	15.50	0.0355
5	1	12		18.55	18.69	18.55		
5	1	24		18.54	18.67	18.55		
5	12	0		18.47	18.47	18.49		
5	12	7		18.51	18.71	18.57		
5	12	13		18.35	18.62	18.44		
5	25	0		18.43	18.62	18.46		
Limit	ERP < 3W			Result			Pass	



LTE Band 14 Maximum Average Power [dBm] (GT - LC = -0.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK		23.69		20.60	0.1148
10	1	25			23.66			
10	1	49			23.55			
10	25	0			22.71			
10	25	12			22.74			
10	25	25			22.65			
10	50	0			22.72			
10	1	0	16-QAM		23.16		20.07	0.1016
10	1	25			23.00			
10	1	49			23.01			
10	25	0			21.72			
10	25	12			21.78			
10	25	25			21.68			
10	50	0			21.74			
10	1	0	64-QAM		21.97		18.88	0.0773
10	1	25			21.91			
10	1	49			21.80			
10	25	0			20.74			
10	25	12			20.77			
10	25	25			20.66			
10	50	0			20.73			
10	1	0	256-QAM		18.65		15.64	0.0366
10	1	25			18.72			
10	1	49			18.73			
10	25	0			18.63			
10	25	12			18.73			
10	25	25			18.55			
10	50	0			18.58			
Limit	ERP < 3W			Result			Pass	



LTE Band 14 Maximum Average Power [dBm] (GT - LC = -0.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.32	23.33	23.39	20.30	0.1072
5	1	12		23.28	23.32	23.37		
5	1	24		23.28	23.33	23.31		
5	12	0		22.36	22.43	22.33		
5	12	7		22.30	22.30	22.31		
5	12	13		22.29	22.33	22.36		
5	25	0		22.39	22.38	22.31		
5	1	0	16-QAM	22.63	22.60	22.63	19.65	0.0923
5	1	12		22.73	22.63	22.66		
5	1	24		22.74	22.64	22.71		
5	12	0		21.42	21.36	21.40		
5	12	7		21.33	21.34	21.31		
5	12	13		21.34	21.33	21.34		
5	25	0		21.32	21.41	21.37		
5	1	0	64-QAM	21.41	21.47	21.46	18.56	0.0718
5	1	12		21.45	21.49	21.48		
5	1	24		21.61	21.55	21.65		
5	12	0		20.35	20.37	20.41		
5	12	7		20.36	20.33	20.27		
5	12	13		20.36	20.35	20.31		
5	25	0		20.37	20.36	20.41		
5	1	0	256-QAM	18.61	18.61	18.66	15.59	0.0362
5	1	12		18.68	18.67	18.60		
5	1	24		18.55	18.56	18.49		
5	12	0		18.42	18.40	18.37		
5	12	7		18.54	18.66	18.64		
5	12	13		18.44	18.43	18.46		
5	25	0		18.46	18.49	18.45		
Limit	ERP < 3W			Result			Pass	



LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	20.36	20.10	20.34	21.26	0.1337
20	1	49		20.29	20.09	20.24		
20	1	99		20.17	20.05	20.09		
20	50	0		19.44	19.04	19.30		
20	50	24		19.39	19.08	19.34		
20	50	50		19.35	19.04	19.31		
20	100	0		19.40	19.10	19.34		
20	1	0	16-QAM	19.43	19.09	19.37	20.33	0.1079
20	1	49		19.38	19.10	19.33		
20	1	99		19.21	19.01	19.16		
20	50	0		18.42	18.06	18.30		
20	50	24		18.40	18.07	18.34		
20	50	50		18.34	18.03	18.28		
20	100	0		18.43	18.10	18.35		
20	1	0	64-QAM	18.32	18.02	18.24	19.22	0.0836
20	1	49		18.25	18.04	18.21		
20	1	99		18.11	18.03	18.01		
20	50	0		17.44	17.04	17.30		
20	50	24		17.41	17.10	17.35		
20	50	50		17.36	17.04	17.30		
20	100	0		17.41	17.10	17.32		
20	1	0	256-QAM	15.36	15.47	15.35	16.42	0.0439
20	1	49		15.37	15.52	15.40		
20	1	99		15.18	15.37	15.19		
20	50	0		15.34	15.44	15.27		
20	50	24		15.25	15.41	15.24		
20	50	50		15.25	15.38	15.26		
20	100	0		15.28	15.42	15.27		
Limit	EIRP < 1W			Result			Pass	



LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	20.29	20.06	20.29	21.19	0.1315
15	1	37		20.25	20.01	20.15		
15	1	74		20.10	20.09	20.02		
15	36	0		19.40	19.05	19.22		
15	36	20		19.35	19.14	19.27		
15	36	39		19.30	19.10	19.24		
15	75	0		19.33	19.11	19.30		
15	1	0	16-QAM	19.39	19.15	19.33	20.29	0.1069
15	1	37		19.30	19.11	19.25		
15	1	74		19.14	19.05	19.10		
15	36	0		18.37	18.08	18.22		
15	36	20		18.35	18.09	18.26		
15	36	39		18.29	18.06	18.24		
15	75	0		18.36	18.16	18.26		
15	1	0	64-QAM	18.25	18.05	18.19	19.15	0.0822
15	1	37		18.18	18.05	18.13		
15	1	74		18.03	18.06	18.00		
15	36	0		17.35	17.06	17.22		
15	36	20		17.36	17.14	17.31		
15	36	39		17.32	17.06	17.24		
15	75	0		17.33	17.13	17.24		
15	1	0	256-QAM	15.32	15.38	15.27	16.37	0.0434
15	1	37		15.28	15.47	15.35		
15	1	74		15.10	15.32	15.10		
15	36	0		15.25	15.37	15.19		
15	36	20		15.20	15.34	15.20		
15	36	39		15.19	15.31	15.17		
15	75	0		15.19	15.33	15.23		
Limit	EIRP < 1W			Result			Pass	



LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	20.30	20.01	20.30	21.20	0.1318
10	1	25		20.25	20.05	20.15		
10	1	49		20.12	20.08	20.03		
10	25	0		19.36	19.09	19.24		
10	25	12		19.35	19.09	19.27		
10	25	25		19.28	19.07	19.23		
10	50	0		19.35	19.16	19.29		
10	1	0	16-QAM	19.36	19.13	19.28	20.26	0.1062
10	1	25		19.33	19.15	19.25		
10	1	49		19.14	19.03	19.11		
10	25	0		18.38	18.08	18.26		
10	25	12		18.36	18.09	18.26		
10	25	25		18.29	18.06	18.23		
10	50	0		18.35	18.15	18.29		
10	1	0	64-QAM	18.26	18.03	18.19	19.16	0.0824
10	1	25		18.19	18.09	18.12		
10	1	49		18.07	18.05	18.00		
10	25	0		17.35	17.05	17.22		
10	25	12		17.35	17.14	17.27		
10	25	25		17.28	17.05	17.22		
10	50	0		17.36	17.11	17.23		
10	1	0	256-QAM	15.29	15.38	15.30	16.35	0.0432
10	1	25		15.29	15.45	15.34		
10	1	49		15.14	15.29	15.13		
10	25	0		15.27	15.38	15.23		
10	25	12		15.21	15.33	15.16		
10	25	25		15.21	15.30	15.18		
10	50	0		15.22	15.34	15.21		
Limit	EIRP < 1W			Result			Pass	



LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	20.28	20.01	20.29	21.19	0.1315
5	1	12		20.20	20.04	20.20		
5	1	24		20.10	20.06	20.03		
5	12	0		19.37	19.06	19.21		
5	12	7		19.35	19.10	19.28		
5	12	13		19.27	19.05	19.26		
5	25	0		19.36	19.14	19.26		
5	1	0	16-QAM	19.39	19.14	19.31	20.29	0.1069
5	1	12		19.29	19.15	19.29		
5	1	24		19.15	19.06	19.08		
5	12	0		18.37	18.07	18.24		
5	12	7		18.32	18.11	18.30		
5	12	13		18.29	18.09	18.24		
5	25	0		18.35	18.11	18.27		
5	1	0	64-QAM	18.27	18.03	18.19	19.17	0.0826
5	1	12		18.18	18.06	18.15		
5	1	24		18.04	18.04	18.00		
5	12	0		17.38	17.08	17.25		
5	12	7		17.32	17.13	17.30		
5	12	13		17.27	17.09	17.21		
5	25	0		17.36	17.04	17.26		
5	1	0	256-QAM	15.32	15.41	15.31	16.33	0.0430
5	1	12		15.32	15.43	15.34		
5	1	24		15.09	15.29	15.10		
5	12	0		15.26	15.35	15.19		
5	12	7		15.19	15.36	15.20		
5	12	13		15.16	15.31	15.21		
5	25	0		15.20	15.34	15.20		
Limit	EIRP < 1W			Result			Pass	



LTE Band 43 Maximum Average Power [dBm] (GT - LC = 0.73 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	20.31	20.05	20.25	21.04	0.1271
20	1	49		20.27	20.04	20.16		
20	1	99		20.13	20.02	20.06		
20	50	0		19.39	19.20	19.23		
20	50	24		19.30	19.12	19.26		
20	50	50		19.32	19.21	19.24		
20	100	0		19.32	19.07	19.27		
20	1	0	16-QAM	19.37	19.02	19.34	20.10	0.1023
20	1	49		19.36	19.03	19.31		
20	1	99		19.17	19.14	19.12		
20	50	0		18.38	18.18	18.22		
20	50	24		18.36	18.00	18.28		
20	50	50		18.26	18.15	18.26		
20	100	0		18.38	18.01	18.33		
20	1	0	64-QAM	18.29	18.15	18.21	19.02	0.0798
20	1	49		18.16	18.15	18.16		
20	1	99		18.03	18.16	18.16		
20	50	0		17.40	17.00	17.27		
20	50	24		17.39	17.04	17.33		
20	50	50		17.34	17.16	17.25		
20	100	0		17.34	17.06	17.29		
20	1	0	256-QAM	15.34	15.39	15.28	16.20	0.0417
20	1	49		15.35	15.47	15.35		
20	1	99		15.13	15.33	15.14		
20	50	0		15.26	15.35	15.18		
20	50	24		15.22	15.36	15.16		
20	50	50		15.18	15.31	15.20		
20	100	0		15.22	15.33	15.23		
Limit	EIRP < 1W			Result			Pass	



LTE Band 43 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	20.25	20.05	20.20	20.98	0.1253
15	1	37		20.22	20.05	20.07		
15	1	74		20.02	20.03	20.00		
15	36	0		19.31	19.25	19.17		
15	36	20		19.25	19.14	19.17		
15	36	39		19.22	19.21	19.15		
15	75	0		19.27	19.11	19.19		
15	1	0	16-QAM	19.31	19.02	19.24	20.04	0.1009
15	1	37		19.28	19.06	19.20		
15	1	74		19.07	19.18	19.04		
15	36	0		18.28	18.19	18.12		
15	36	20		18.31	18.04	18.22		
15	36	39		18.18	18.18	18.16		
15	75	0		18.32	18.05	18.27		
15	1	0	64-QAM	18.19	18.15	18.16	18.92	0.0780
15	1	37		18.05	18.15	18.11		
15	1	74		18.00	18.18	18.05		
15	36	0		17.32	17.01	17.17		
15	36	20		17.31	17.04	17.26		
15	36	39		17.27	17.16	17.20		
15	75	0		17.27	17.01	17.23		
15	1	0	256-QAM	15.25	15.34	15.20	16.09	0.0406
15	1	37		15.24	15.36	15.27		
15	1	74		15.05	15.25	15.09		
15	36	0		15.16	15.25	15.10		
15	36	20		15.14	15.30	15.10		
15	36	39		15.08	15.20	15.09		
15	75	0		15.14	15.26	15.14		
Limit	EIRP < 1W			Result			Pass	



LTE Band 43 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	20.22	20.07	20.15	20.95	0.1245
10	1	25		20.22	20.06	20.09		
10	1	49		20.03	20.05	20.00		
10	25	0		19.30	19.23	19.13		
10	25	12		19.22	19.14	19.21		
10	25	25		19.26	19.25	19.13		
10	50	0		19.22	19.07	19.18		
10	1	0	16-QAM	19.26	19.03	19.27	20.03	0.1007
10	1	25		19.30	19.08	19.23		
10	1	49		19.08	19.17	19.06		
10	25	0		18.31	18.23	18.14		
10	25	12		18.25	18.01	18.20		
10	25	25		18.15	18.15	18.21		
10	50	0		18.31	18.01	18.26		
10	1	0	64-QAM	18.22	18.16	18.11	18.95	0.0785
10	1	25		18.11	18.16	18.08		
10	1	49		18.00	18.20	18.05		
10	25	0		17.29	17.03	17.18		
10	25	12		17.34	17.04	17.28		
10	25	25		17.26	17.19	17.16		
10	50	0		17.25	17.06	17.18		
10	1	0	256-QAM	15.27	15.28	15.23	16.14	0.0411
10	1	25		15.29	15.41	15.26		
10	1	49		15.03	15.25	15.09		
10	25	0		15.17	15.28	15.10		
10	25	12		15.15	15.28	15.06		
10	25	25		15.09	15.20	15.10		
10	50	0		15.17	15.22	15.14		
Limit	EIRP < 1W			Result			Pass	



LTE Band 43 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	20.26	20.10	20.19	20.99	0.1256
5	1	12		20.19	20.08	20.07		
5	1	24		20.03	20.02	20.00		
5	12	0		19.33	19.25	19.15		
5	12	7		19.21	19.15	19.19		
5	12	13		19.21	19.26	19.13		
5	25	0		19.24	19.09	19.21		
5	1	0	16-QAM	19.27	19.06	19.24	20.00	0.1000
5	1	12		19.27	19.02	19.22		
5	1	24		19.06	19.16	19.04		
5	12	0		18.29	18.21	18.11		
5	12	7		18.30	18.02	18.20		
5	12	13		18.15	18.14	18.17		
5	25	0		18.32	18.01	18.22		
5	1	0	64-QAM	18.21	18.18	18.16	18.94	0.0783
5	1	12		18.10	18.16	18.11		
5	1	24		18.00	18.15	18.09		
5	12	0		17.34	17.05	17.22		
5	12	7		17.30	17.07	17.27		
5	12	13		17.24	17.16	17.20		
5	25	0		17.27	17.09	17.20		
5	1	0	256-QAM	15.28	15.29	15.19	16.12	0.0409
5	1	12		15.29	15.39	15.28		
5	1	24		15.04	15.25	15.06		
5	12	0		15.16	15.28	15.13		
5	12	7		15.17	15.28	15.07		
5	12	13		15.13	15.24	15.13		
5	25	0		15.13	15.24	15.13		
Limit	EIRP < 1W			Result			Pass	



Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.28	-	-	21.42	0.1387
15	1	37		23.20	-	-		
15	1	74		23.20	-	-		
15	36	0		22.47	-	-		
15	36	20		22.58	-	-		
15	36	39		22.57	-	-		
15	75	0		22.56	-	-		
15	1	0	16-QAM	22.55	-	-	20.96	0.1247
15	1	37		22.82	-	-		
15	1	74		22.75	-	-		
15	36	0		21.47	-	-		
15	36	20		21.59	-	-		
15	36	39		21.60	-	-		
15	75	0		21.57	-	-		
15	1	0	64-QAM	21.47	-	-	19.84	0.0964
15	1	37		21.70	-	-		
15	1	74		21.69	-	-		
15	36	0		20.47	-	-		
15	36	20		20.61	-	-		
15	36	39		20.59	-	-		
15	75	0		20.57	-	-		
15	1	0	256-QAM	18.70	-	-	16.84	0.0483
15	1	37		18.66	-	-		
15	1	74		18.52	-	-		
15	36	0		18.39	-	-		
15	36	20		18.50	-	-		
15	36	39		18.44	-	-		
15	75	0		18.54	-	-		
Limit	Power < 100W			Result			Pass	



Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.25	-	21.39	0.1377
10	1	25		-	23.24	-		
10	1	49		-	23.21	-		
10	25	0		-	22.38	-		
10	25	12		-	22.33	-		
10	25	25		-	22.39	-		
10	50	0		-	22.32	-		
10	1	0	16-QAM	-	22.52	-	20.88	0.1225
10	1	25		-	22.64	-		
10	1	49		-	22.74	-		
10	25	0		-	21.30	-		
10	25	12		-	21.28	-		
10	25	25		-	21.43	-		
10	50	0		-	21.37	-		
10	1	0	64-QAM	-	21.45	-	19.80	0.0955
10	1	25		-	21.53	-		
10	1	49		-	21.66	-		
10	25	0		-	20.38	-		
10	25	12		-	20.30	-		
10	25	25		-	20.49	-		
10	50	0		-	20.42	-		
10	1	0	256-QAM	-	18.76	-	16.90	0.0490
10	1	25		-	18.66	-		
10	1	49		-	18.51	-		
10	25	0		-	18.41	-		
10	25	12		-	18.50	-		
10	25	25		-	18.52	-		
10	50	0		-	18.42	-		
Limit	Power < 100W			Result			Pass	



Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.09	23.13	23.00	21.37	0.1371
5	1	12		23.20	23.23	23.22		
5	1	24		23.13	23.10	23.20		
5	12	0		22.30	22.22	22.30		
5	12	7		22.39	22.45	22.37		
5	12	13		22.46	22.36	22.52		
5	25	0		22.44	22.50	22.34		
5	1	0	16-QAM	22.35	22.29	22.34	20.82	0.1208
5	1	12		22.63	22.68	22.59		
5	1	24		22.56	22.66	22.53		
5	12	0		21.27	21.28	21.19		
5	12	7		21.42	21.38	21.43		
5	12	13		21.48	21.51	21.57		
5	25	0		21.42	21.48	21.42		
5	1	0	64-QAM	21.34	21.24	21.26	19.69	0.0931
5	1	12		21.50	21.49	21.53		
5	1	24		21.55	21.47	21.53		
5	12	0		20.35	20.33	20.45		
5	12	7		20.41	20.40	20.42		
5	12	13		20.39	20.45	20.47		
5	25	0		20.45	20.37	20.54		
5	1	0	256-QAM	18.50	18.54	18.58	16.72	0.0470
5	1	12		18.51	18.52	18.57		
5	1	24		18.40	18.42	18.42		
5	12	0		18.26	18.27	18.36		
5	12	7		18.34	18.33	18.32		
5	12	13		18.30	18.25	18.28		
5	25	0		18.42	18.38	18.38		
Limit	Power < 100W			Result			Pass	



Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.14	23.04	23.07	21.37	0.1371
3	1	8		23.22	23.22	23.21		
3	1	14		23.23	23.20	23.21		
3	8	0		22.27	22.17	22.19		
3	8	4		22.46	22.52	22.46		
3	8	7		22.43	22.49	22.38		
3	15	0		22.42	22.41	22.40		
3	1	0	16-QAM	22.45	22.37	22.38	20.84	0.1213
3	1	8		22.65	22.56	22.70		
3	1	14		22.56	22.57	22.61		
3	8	0		21.31	21.29	21.41		
3	8	4		21.46	21.52	21.48		
3	8	7		21.42	21.43	21.34		
3	15	0		21.38	21.31	21.31		
3	1	0	64-QAM	21.29	21.34	21.35	19.75	0.0944
3	1	8		21.56	21.58	21.61		
3	1	14		21.59	21.58	21.49		
3	8	0		20.36	20.26	20.44		
3	8	4		20.49	20.57	20.56		
3	8	7		20.49	20.48	20.40		
3	15	0		20.37	20.32	20.36		
3	1	0	256-QAM	18.55	18.54	18.57	16.71	0.0469
3	1	8		18.51	18.46	18.42		
3	1	14		18.36	18.31	18.40		
3	8	0		18.29	18.26	18.23		
3	8	4		18.30	18.21	18.28		
3	8	7		18.31	18.36	18.27		
3	15	0		18.42	18.34	18.41		
Limit	Power < 100W			Result			Pass	



Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.18	23.19	23.14	21.40	0.1380
1.4	1	3		23.22	23.26	23.21		
1.4	1	5		23.25	23.25	23.26		
1.4	3	0		23.20	23.25	23.20		
1.4	3	1		23.26	23.21	23.23		
1.4	3	3		23.20	23.22	23.20		
1.4	6	0		22.44	22.47	22.35		
1.4	1	0	16-QAM	22.57	22.54	22.48	20.90	0.1230
1.4	1	3		22.51	22.42	22.56		
1.4	1	5		22.49	22.51	22.40		
1.4	3	0		22.48	22.53	22.51		
1.4	3	1		22.76	22.74	22.71		
1.4	3	3		22.73	22.65	22.76		
1.4	6	0		21.45	21.37	21.36		
1.4	1	0	64-QAM	21.56	21.49	21.46	19.87	0.0971
1.4	1	3		21.57	21.65	21.48		
1.4	1	5		21.57	21.59	21.51		
1.4	3	0		21.44	21.53	21.44		
1.4	3	1		21.64	21.61	21.55		
1.4	3	3		21.67	21.62	21.73		
1.4	6	0		20.43	20.48	20.38		
1.4	1	0	256-QAM	18.66	18.76	18.67	16.90	0.0490
1.4	1	3		18.56	18.50	18.56		
1.4	1	5		18.50	18.54	18.54		
1.4	3	0		18.34	18.24	18.41		
1.4	3	1		18.43	18.42	18.34		
1.4	3	3		18.38	18.45	18.34		
1.4	6	0		18.47	18.54	18.50		
Limit	Power < 100W			Result			Pass	



LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	23.31	-	21.71	0.1483
15	1	37		-	23.57	-		
15	1	74		-	23.44	-		
15	36	0		-	22.52	-		
15	36	20		-	22.64	-		
15	36	39		-	22.64	-		
15	75	0		-	22.64	-		
15	1	0	16-QAM	-	22.50	-	20.89	0.1227
15	1	37		-	22.75	-		
15	1	74		-	22.73	-		
15	36	0		-	21.57	-		
15	36	20		-	21.57	-		
15	36	39		-	21.58	-		
15	75	0		-	21.51	-		
15	1	0	64-QAM	-	21.37	-	19.93	0.0984
15	1	37		-	21.79	-		
15	1	74		-	21.72	-		
15	36	0		-	20.40	-		
15	36	20		-	20.52	-		
15	36	39		-	20.51	-		
15	75	0		-	20.59	-		
15	1	0	256-QAM	-	18.71	-	16.85	0.0484
15	1	37		-	18.67	-		
15	1	74		-	18.45	-		
15	36	0		-	18.42	-		
15	36	20		-	18.57	-		
15	36	39		-	18.48	-		
15	75	0		-	18.47	-		
Limit	Reporting only			Result			N/A	



LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.18	-	21.45	0.1396
10	1	25		-	23.26	-		
10	1	49		-	23.31	-		
10	25	0		-	22.33	-		
10	25	12		-	22.45	-		
10	25	25		-	22.41	-		
10	50	0		-	22.41	-		
10	1	0	16-QAM	-	22.35	-	20.86	0.1219
10	1	25		-	22.71	-		
10	1	49		-	22.72	-		
10	25	0		-	21.45	-		
10	25	12		-	21.44	-		
10	25	25		-	21.53	-		
10	50	0		-	21.49	-		
10	1	0	64-QAM	-	21.41	-	19.74	0.0942
10	1	25		-	21.53	-		
10	1	49		-	21.60	-		
10	25	0		-	20.31	-		
10	25	12		-	20.51	-		
10	25	25		-	20.36	-		
10	50	0		-	20.42	-		
10	1	0	256-QAM	-	18.64	-	16.78	0.0476
10	1	25		-	18.46	-		
10	1	49		-	18.26	-		
10	25	0		-	18.38	-		
10	25	12		-	18.34	-		
10	25	25		-	18.17	-		
10	50	0		-	18.31	-		
Limit	Reporting only			Result			N/A	



LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	23.02	-	21.50	0.1413
5	1	12		-	23.36	-		
5	1	24		-	23.26	-		
5	12	0		-	22.21	-		
5	12	7		-	22.42	-		
5	12	13		-	22.40	-		
5	25	0		-	22.48	-		
5	1	0	16-QAM	-	22.40	-	20.81	0.1205
5	1	12		-	22.67	-		
5	1	24		-	22.64	-		
5	12	0		-	21.20	-		
5	12	7		-	21.44	-		
5	12	13		-	21.41	-		
5	25	0		-	21.37	-		
5	1	0	64-QAM	-	21.36	-	19.70	0.0933
5	1	12		-	21.54	-		
5	1	24		-	21.56	-		
5	12	0		-	20.32	-		
5	12	7		-	20.43	-		
5	12	13		-	20.40	-		
5	25	0		-	20.46	-		
5	1	0	256-QAM	-	18.54	-	16.68	0.0466
5	1	12		-	18.45	-		
5	1	24		-	18.43	-		
5	12	0		-	18.22	-		
5	12	7		-	18.42	-		
5	12	13		-	18.20	-		
5	25	0		-	18.44	-		
Limit	Reporting only			Result			N/A	



LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	23.24	-	21.56	0.1432
3	1	8		-	23.42	-		
3	1	14		-	23.38	-		
3	8	0		-	22.25	-		
3	8	4		-	22.40	-		
3	8	7		-	22.51	-		
3	15	0		-	22.36	-		
3	1	0	16-QAM	-	22.54	-	20.78	0.1197
3	1	8		-	22.64	-		
3	1	14		-	22.53	-		
3	8	0		-	21.40	-		
3	8	4		-	21.52	-		
3	8	7		-	21.41	-		
3	15	0		-	21.37	-		
3	1	0	64-QAM	-	21.27	-	19.82	0.0959
3	1	8		-	21.48	-		
3	1	14		-	21.68	-		
3	8	0		-	20.26	-		
3	8	4		-	20.49	-		
3	8	7		-	20.57	-		
3	15	0		-	20.40	-		
3	1	0	256-QAM	-	18.65	-	16.79	0.0478
3	1	8		-	18.46	-		
3	1	14		-	18.46	-		
3	8	0		-	18.33	-		
3	8	4		-	18.20	-		
3	8	7		-	18.32	-		
3	15	0		-	18.49	-		
Limit	Reporting only			Result			N/A	



LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 0.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	23.11	-	21.72	0.1486
1.4	1	3		-	23.37	-		
1.4	1	5		-	23.53	-		
1.4	3	0		-	23.22	-		
1.4	3	1		-	23.37	-		
1.4	3	3		-	23.58	-		
1.4	6	0		-	22.40	-		
1.4	1	0	16-QAM	-	22.67	-	20.95	0.1245
1.4	1	3		-	22.51	-		
1.4	1	5		-	22.41	-		
1.4	3	0		-	22.57	-		
1.4	3	1		-	22.81	-		
1.4	3	3		-	22.67	-		
1.4	6	0		-	21.41	-		
1.4	1	0	64-QAM	-	21.55	-	19.79	0.0953
1.4	1	3		-	21.65	-		
1.4	1	5		-	21.58	-		
1.4	3	0		-	21.40	-		
1.4	3	1		-	21.58	-		
1.4	3	3		-	21.57	-		
1.4	6	0		-	20.43	-		
1.4	1	0	256-QAM	-	18.58	-	16.74	0.0472
1.4	1	3		-	18.60	-		
1.4	1	5		-	18.42	-		
1.4	3	0		-	18.25	-		
1.4	3	1		-	18.47	-		
1.4	3	3		-	18.44	-		
1.4	6	0		-	18.44	-		
Limit	Reporting only			Result			N/A	



LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = -0.42 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	23.99	24.01	23.96	23.59	0.2286
20+20	1	99	1	0	16-QAM	23.26	23.33	23.35	22.93	0.1963
20+15	1	74	1	0	QPSK	23.96	23.94	23.96	23.54	0.2259
20+15	1	74	1	0	16-QAM	23.41	23.48	23.36	23.06	0.2023
15+20	1	74	1	0	QPSK	23.81	24.08	23.83	23.66	0.2323
15+20	1	74	1	0	16-QAM	23.37	23.43	23.37	23.01	0.2000
Limit	EIRP < 2W					Result			Pass	

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = -0.42 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	23.93	23.97	23.99	23.57	0.2275
20+10	1	99	1	0	16-QAM	23.32	23.43	23.42	23.01	0.2000
10+20	1	49	1	0	QPSK	23.92	23.94	23.98	23.56	0.2270
10+20	1	49	1	0	16-QAM	23.41	23.34	23.41	22.99	0.1991
20+5	1	99	1	0	QPSK	24.06	24.03	24.02	23.64	0.2312
20+5	1	99	1	0	16-QAM	23.47	23.41	23.39	23.05	0.2018
Limit	EIRP < 2W					Result			Pass	

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = -0.42 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	1	24	1	0	QPSK	24.07	24.11	24.08	23.69	0.2339
5+20	1	24	1	0	16-QAM	23.42	23.46	23.58	23.16	0.2070
Limit	EIRP < 2W					Result			Pass	



LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = -0.42 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	1	74	1	0	QPSK	24.04	24.05	24.11	23.69	0.2339
15+10	1	74	1	0	16-QAM	23.34	23.38	23.41	22.99	0.1991
10+15	1	49	1	0	QPSK	24.13	24.11	24.12	23.71	0.2350
10+15	1	49	1	0	16-QAM	23.35	23.38	23.40	22.98	0.1986
15+15	1	74	1	0	QPSK	24.08	24.06	24.10	23.68	0.2333
15+15	1	74	1	0	16-QAM	23.31	23.41	23.48	23.06	0.2023
Limit	EIRP < 2W					Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = 0.29 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	1	49	1	0	QPSK	24.68	24.60	24.58	22.82	0.1914
10+10	1	49	1	0	16-QAM	23.41	23.45	23.44	21.59	0.1442
10+5	1	49	1	0	QPSK	24.62	24.58	24.66	22.80	0.1905
10+5	1	49	1	0	16-QAM	23.36	23.42	23.45	21.59	0.1442
5+10	1	24	1	0	QPSK	24.57	24.62	24.52	22.76	0.1888
5+10	1	24	1	0	16-QAM	23.42	23.46	23.45	21.60	0.1445
Limit	ERP < 7W					Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = 0.29 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	1	24	1	0	QPSK	24.68	24.62	24.68	22.82	0.1914
5+3	1	24	1	0	16-QAM	23.42	23.45	23.47	21.61	0.1449
3+5	1	14	1	0	QPSK	24.65	24.62	24.66	22.80	0.1905
3+5	1	14	1	0	16-QAM	23.33	23.44	23.41	21.58	0.1439
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	1	49	1	0	QPSK	24.36	24.25	24.32	25.66	0.3681
10+10	1	49	1	0	16-QAM	23.73	23.61	23.75	25.05	0.3199
15+5	1	74	1	0	QPSK	24.36	24.45	24.45	25.75	0.3758
15+5	1	74	1	0	16-QAM	23.87	23.75	23.78	25.17	0.3289
5+15	1	24	1	0	QPSK	24.31	24.28	24.30	25.61	0.3639
5+15	1	24	1	0	16-QAM	23.89	23.82	23.65	25.19	0.3304
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	1	49	1	0	QPSK	24.22	24.32	24.28	25.62	0.3648
10+5	1	49	1	0	16-QAM	23.58	23.81	23.72	25.11	0.3243
5+10	1	24	1	0	QPSK	24.25	24.32	24.23	25.62	0.3648
5+10	1	24	1	0	16-QAM	23.78	23.79	23.87	25.17	0.3289
5+5	1	24	1	0	QPSK	24.45	24.38	24.44	25.75	0.3758
5+5	1	24	1	0	16-QAM	23.85	23.91	23.87	25.21	0.3319
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	23.72	23.81	23.79	25.11	0.3243
20+20	1	99	1	0	16-QAM	23.19	23.15	23.11	24.49	0.2812
20+15	1	74	1	0	QPSK	23.77	23.87	23.81	25.17	0.3289
20+15	1	74	1	0	16-QAM	23.21	23.22	23.19	24.52	0.2831
15+20	1	74	1	0	QPSK	23.77	23.85	23.84	25.15	0.3273
15+20	1	74	1	0	16-QAM	23.20	23.23	23.17	24.53	0.2838
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	23.79	23.78	23.81	25.11	0.3243
20+10	1	99	1	0	16-QAM	23.25	23.26	23.31	24.61	0.2891
10+20	1	49	1	0	QPSK	23.85	23.86	23.88	25.18	0.3296
10+20	1	49	1	0	16-QAM	23.29	23.25	23.28	24.59	0.2877
20+5	1	99	1	0	QPSK	23.76	23.79	23.82	25.12	0.3251
20+5	1	99	1	0	16-QAM	23.21	23.25	23.30	24.60	0.2884
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	1	74	1	0	QPSK	23.70	23.75	23.77	25.07	0.3214
15+10	1	74	1	0	16-QAM	23.15	23.21	23.19	24.51	0.2825
10+15	1	49	1	0	QPSK	23.85	23.88	23.81	25.18	0.3296
10+15	1	49	1	0	16-QAM	23.26	23.31	23.33	24.63	0.2904
15+15	1	74	1	0	QPSK	23.79	23.82	23.78	25.12	0.3251
15+15	1	74	1	0	16-QAM	23.28	23.33	23.24	24.63	0.2904
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_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	1	99	1	0	QPSK	24.43	24.29	24.31	26.33	0.4295
20+20	1	99	1	0	16-QAM	23.55	23.58	23.52	25.48	0.3532
20+15	1	99	1	0	QPSK	24.36	24.24	24.30	26.26	0.4227
20+15	1	99	1	0	16-QAM	23.54	23.57	23.48	25.47	0.3524
15+20	1	74	1	0	QPSK	24.44	24.38	24.33	26.34	0.4305
15+20	1	74	1	0	16-QAM	23.46	23.52	23.40	25.42	0.3483
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_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	1	99	1	0	QPSK	24.51	24.48	24.44	26.41	0.4375
20+10	1	99	1	0	16-QAM	23.62	23.60	23.48	25.52	0.3565
10+20	1	74	1	0	QPSK	24.36	24.41	24.42	26.32	0.4285
10+20	1	74	1	0	16-QAM	23.47	23.50	23.55	25.45	0.3508
15+15	1	74	1	0	QPSK	24.45	24.42	24.41	26.35	0.4315
15+15	1	74	1	0	16-QAM	23.56	23.58	23.61	25.51	0.3556
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_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	1	74	1	0	QPSK	24.47	24.38	24.42	26.37	0.4335
15+10	1	74	1	0	16-QAM	23.36	23.42	23.39	25.32	0.3404
Limit	EIRP < 2W					Result			Pass	

LTE Band 38C_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	1	99	1	0	QPSK	24.24	24.29	24.25	26.19	0.4159
20+20	1	99	1	0	16-QAM	23.88	23.85	23.86	25.78	0.3784
15+15	1	74	1	0	QPSK	24.22	24.23	24.31	26.21	0.4178
15+15	1	74	1	0	16-QAM	23.82	23.85	24.00	25.90	0.3890
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	25.34	25.38	25.16	27.18	0.5224
20+20	1	99	1	0	16-QAM	24.54	24.55	24.34	26.35	0.4315
20+15	1	99	1	0	QPSK	25.38	25.39	25.09	27.19	0.5236
20+15	1	99	1	0	16-QAM	24.57	24.62	24.36	26.42	0.4385
15+20	1	74	1	0	QPSK	25.39	25.31	25.07	27.19	0.5236
15+20	1	74	1	0	16-QAM	24.56	24.56	24.36	26.36	0.4325
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	25.39	25.41	25.12	27.21	0.5260
20+10	1	99	1	0	16-QAM	24.85	24.66	24.43	26.65	0.4624
10+20	1	49	1	0	QPSK	25.33	25.34	25.09	27.14	0.5176
10+20	1	49	1	0	16-QAM	24.54	24.62	24.35	26.42	0.4385
20+5	1	99	1	0	QPSK	25.31	25.48	25.24	27.28	0.5346
20+5	1	99	1	0	16-QAM	24.68	24.72	24.53	26.52	0.4487
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	1	24	1	0	QPSK	25.33	25.34	25.11	27.14	0.5176
5+20	1	24	1	0	16-QAM	24.53	24.45	24.32	26.33	0.4295
15+10	1	74	1	0	QPSK	25.35	25.37	25.06	27.17	0.5212
15+10	1	74	1	0	16-QAM	24.61	24.55	24.42	26.41	0.4375
10+15	1	49	1	0	QPSK	25.33	25.34	25.09	27.14	0.5176
10+15	1	49	1	0	16-QAM	24.52	24.62	24.27	26.42	0.4385
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.8 dB)										
BW [MHz]	RB Size	RB Offset	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15+15	1	74	1	0	16-QAM	24.69	24.51	24.38	26.49	0.4457
Limit	EIRP < 2W					Result			Pass	



LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = 0.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	21.71	21.65	21.58	22.61	0.1824
20+20	1	99	1	0	16-QAM	21.25	21.29	21.23	22.19	0.1656
20+15	1	74	1	0	QPSK	21.61	21.65	21.55	22.55	0.1799
20+15	1	74	1	0	16-QAM	21.32	21.25	21.21	22.22	0.1667
15+20	1	74	1	0	QPSK	21.69	21.65	21.62	22.59	0.1816
15+20	1	74	1	0	16-QAM	21.32	21.31	21.18	22.22	0.1667
Limit	EIRP < 1W					Result			Pass	

LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = 0.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	21.69	21.61	21.65	22.59	0.1816
20+10	1	99	1	0	16-QAM	21.23	21.25	21.23	22.15	0.1641
10+20	1	49	1	0	QPSK	21.72	21.66	21.59	22.62	0.1828
10+20	1	49	1	0	16-QAM	21.39	21.29	21.24	22.29	0.1694
20+5	1	99	1	0	QPSK	21.67	21.60	21.59	22.57	0.1807
20+5	1	99	1	0	16-QAM	21.25	21.25	21.31	22.21	0.1663
Limit	EIRP < 1W					Result			Pass	

LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = 0.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	1	24	1	0	QPSK	21.76	21.69	21.65	22.66	0.1845
5+20	1	24	1	0	16-QAM	21.24	21.29	21.21	22.19	0.1656
Limit	EIRP < 1W					Result			Pass	



LTE Band 43C_CA Maximum Average Power [dBm] (GT - LC = 0.73 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	21.78	21.78	21.77	22.51	0.1782
20+20	1	99	1	0	16-QAM	21.35	21.35	21.37	22.10	0.1622
20+15	1	74	1	0	QPSK	21.89	21.79	21.73	22.62	0.1828
20+15	1	74	1	0	16-QAM	21.57	21.41	21.34	22.30	0.1698
15+20	1	74	1	0	QPSK	21.85	21.85	21.79	22.58	0.1811
15+20	1	74	1	0	16-QAM	21.52	21.47	21.32	22.25	0.1679
Limit	EIRP < 1W					Result			Pass	

LTE Band 43C_CA Maximum Average Power [dBm] (GT - LC = 0.73 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	21.90	21.84	21.73	22.63	0.1832
20+10	1	99	1	0	16-QAM	21.58	21.45	21.38	22.31	0.1702
10+20	1	49	1	0	QPSK	21.84	21.76	21.77	22.57	0.1807
10+20	1	49	1	0	16-QAM	21.46	21.35	21.49	22.22	0.1667
20+5	1	99	1	0	QPSK	21.91	21.89	21.78	22.64	0.1837
20+5	1	99	1	0	16-QAM	21.56	21.51	21.39	22.29	0.1694
Limit	EIRP < 1W					Result			Pass	

LTE Band 43C_CA Maximum Average Power [dBm] (GT - LC = 0.73 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	1	24	1	0	QPSK	21.87	21.78	21.81	22.60	0.1820
5+20	1	24	1	0	16-QAM	21.48	21.37	21.41	22.21	0.1663
Limit	EIRP < 1W					Result			Pass	



Appendix B. Test Results of Radiated Test

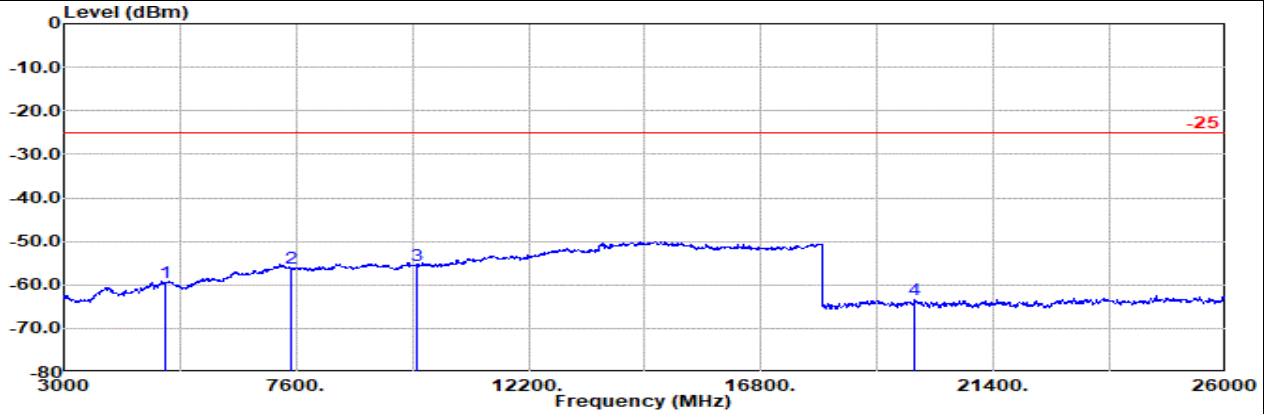
B1. Summary of each worse mode

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp\Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
2	Part 27M	LTE B7	H	10204	-55.09	RMS	37.38	-21.53	0.44	-95.23	23.85	-25.00	-30.09	V	Main



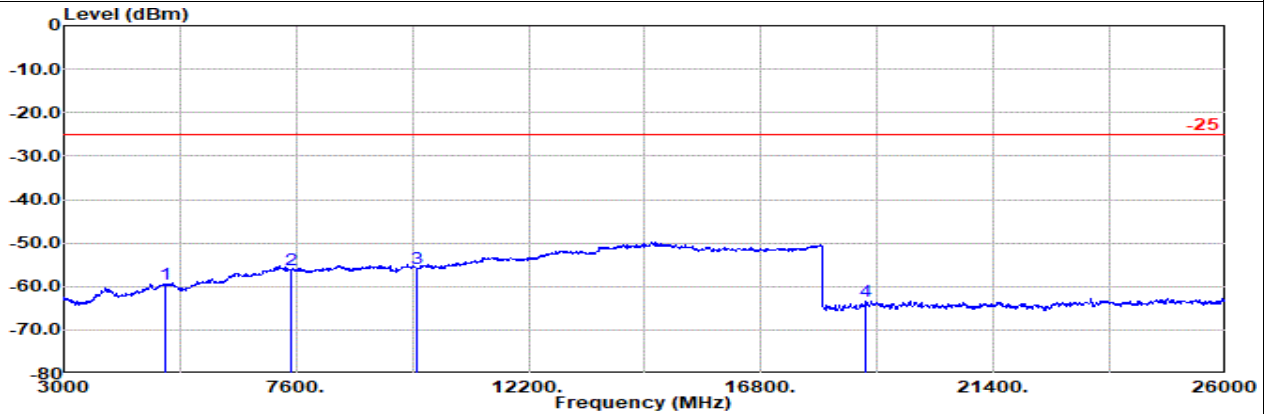
Main

Part 27M Mode 2
LTE B7 20M Ch20850 1RB0 QPSK
L



Site : 03CH21-HY
Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal
: LTE Band 7 10M Ch20850 1RB0 QPSK

Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1 5002.00	-59.38	RMS	32.70	-21.71	0.41	-95.23	24.45	-25.00	-34.38	Horizontal	
2 7503.00	-56.04	RMS	36.79	-21.20	0.39	-95.23	23.21	-25.00	-31.04	Horizontal	
3 10004.00	-55.63	RMS	37.30	-21.40	0.41	-95.23	23.29	-25.00	-30.63	Horizontal	
4 19848.00	-63.41	RMS	38.08	-37.40	-9.54	-95.23	40.68	-25.00	-38.41	Horizontal	



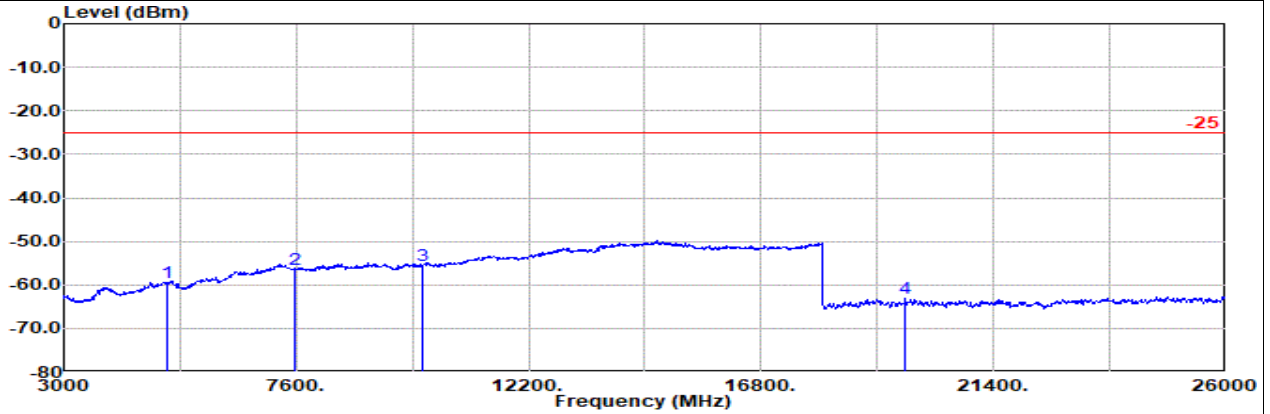
Site : 03CH21-HY
Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical
: LTE Band 7 10M Ch20850 1RB0 QPSK

Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1 5002.00	-59.56	RMS	32.70	-21.71	0.41	-95.23	24.27	-25.00	-34.56	Vertical	
2 7503.00	-56.28	RMS	36.79	-21.20	0.39	-95.23	22.97	-25.00	-31.28	Vertical	
3 10004.00	-55.79	RMS	37.30	-21.40	0.41	-95.23	23.13	-25.00	-30.79	Vertical	
4 18880.00	-63.35	RMS	38.32	-38.94	-9.54	-95.23	42.04	-25.00	-38.35	Vertical	



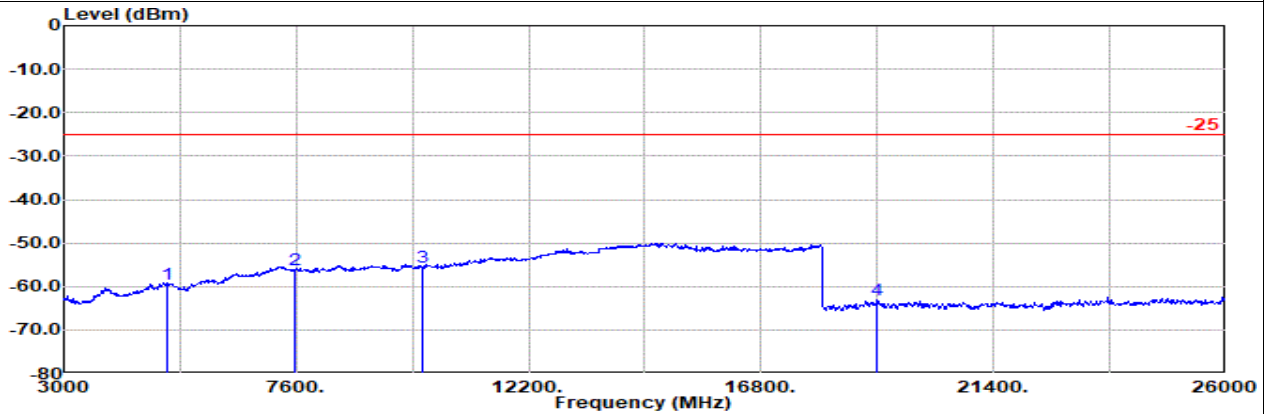
Main

Part 27M Mode 2
LTE B7 20M Ch21100 1RB0 QPSK
M



Site : 03CH21-HY
Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal
: LTE Band 7 10M Ch21100 1RB0 QPSK

Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1 5055.00	-59.34	RMS	32.60	-21.72	0.40	-95.23	24.61	-25.00	-34.34	Horizontal	
2 7578.00	-56.49	RMS	36.76	-21.24	0.37	-95.23	22.85	-25.00	-31.49	Horizontal	
3 10104.00	-55.58	RMS	37.21	-21.46	0.42	-95.23	23.48	-25.00	-30.58	Horizontal	
4 19664.00	-63.20	RMS	38.06	-37.71	-9.54	-95.23	41.22	-25.00	-38.20	Horizontal	



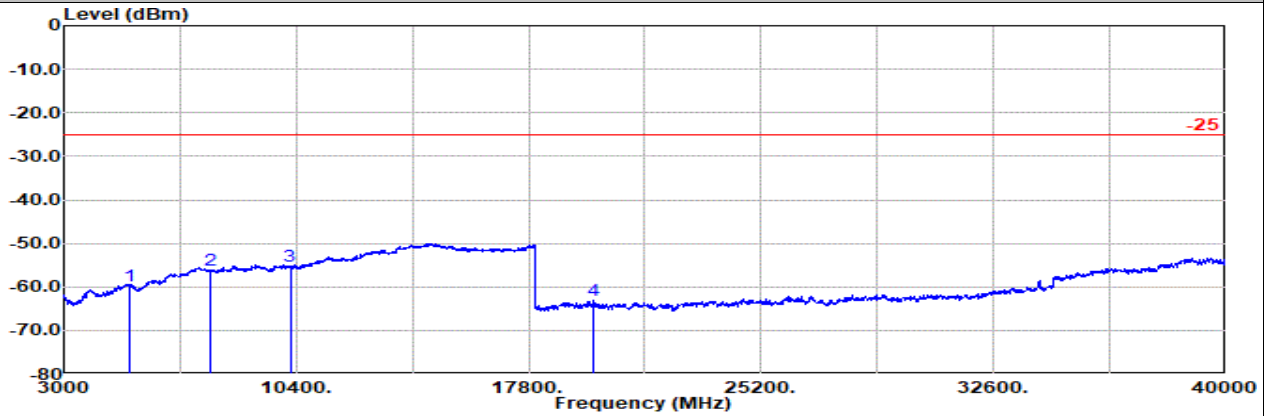
Site : 03CH21-HY
Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical
: LTE Band 7 10M Ch21100 1RB0 QPSK

Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1 5052.00	-59.43	RMS	32.60	-21.72	0.40	-95.23	24.52	-25.00	-34.43	Vertical	
2 7578.00	-56.16	RMS	36.76	-21.24	0.37	-95.23	23.18	-25.00	-31.16	Vertical	
3 10110.00	-55.51	RMS	37.22	-21.47	0.42	-95.23	23.55	-25.00	-30.51	Vertical	
4 19104.00	-63.10	RMS	38.59	-38.65	-9.54	-95.23	41.73	-25.00	-38.10	Vertical	



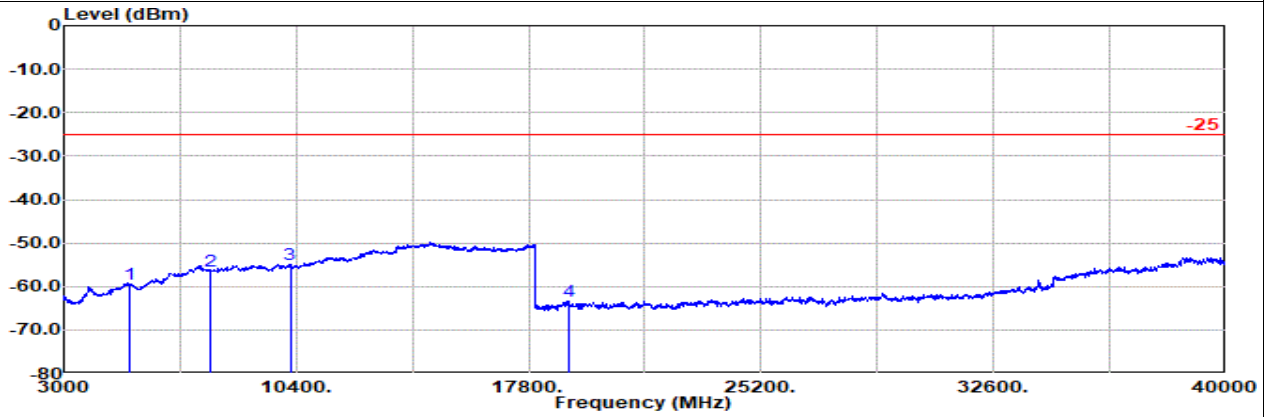
Main

Part 27M Mode 2
LTE B7 20M Ch21350 1RB0 QPSK
H



Site : 03CH21-HY
Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal
: LTE Band 7 10M Ch21350 1RB0 QPSK

Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	
1 5102.00	-59.63	RMS	32.60	-21.73	0.40	-95.23	24.33	-25.00	-34.63	Horizontal	
2 7653.00	-56.15	RMS	36.69	-21.28	0.37	-95.23	23.30	-25.00	-31.15	Horizontal	
3 10204.00	-55.16	RMS	37.38	-21.53	0.44	-95.23	23.78	-25.00	-30.16	Horizontal	
4 19856.00	-63.21	RMS	38.10	-37.39	-9.54	-95.23	40.85	-25.00	-38.21	Horizontal	



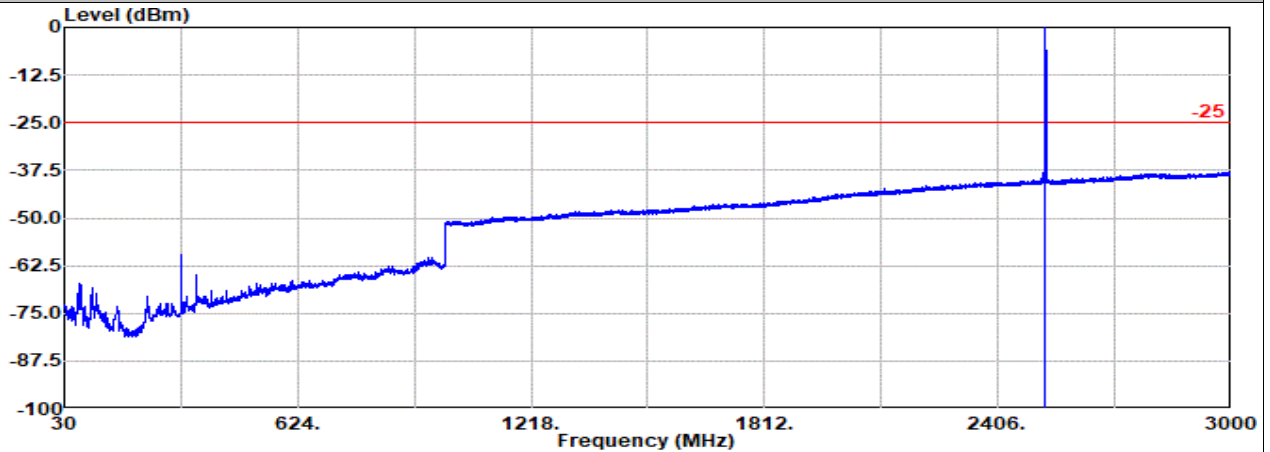
Site : 03CH21-HY
Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical
: LTE Band 7 10M Ch21350 1RB0 QPSK

Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	
1 5102.00	-59.50	RMS	32.60	-21.73	0.40	-95.23	24.46	-25.00	-34.50	Vertical	
2 7653.00	-56.41	RMS	36.69	-21.28	0.37	-95.23	23.04	-25.00	-31.41	Vertical	
3 10204.00	-55.09	RMS	37.38	-21.53	0.44	-95.23	23.85	-25.00	-30.09	Vertical	
4 19080.00	-63.31	RMS	38.56	-38.69	-9.54	-95.23	41.59	-25.00	-38.31	Vertical	



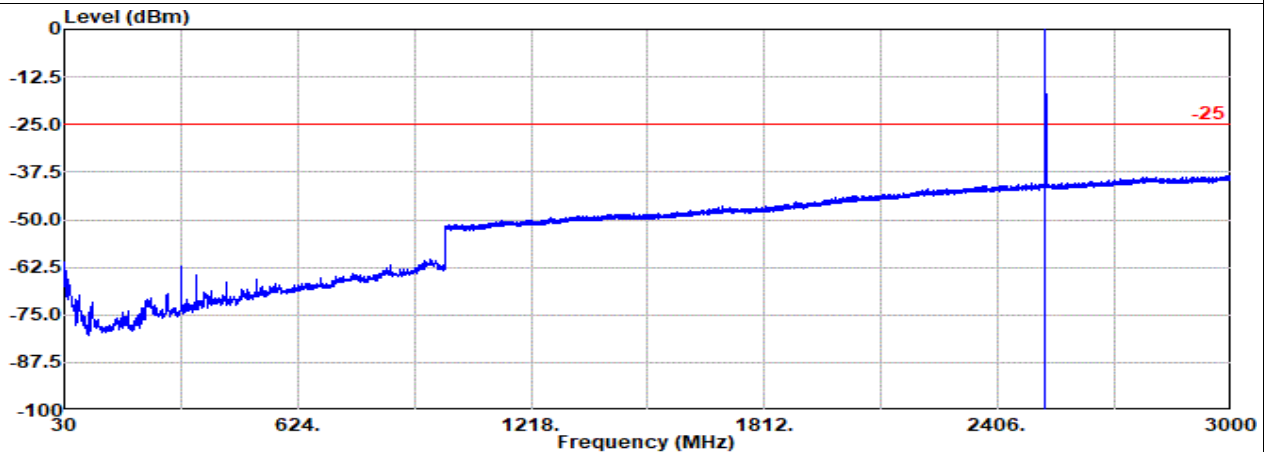
Main

Part 27M Mode 2
LTE B7 20M Ch21350 1RB0 QPSK
H



Site : 03CH21-HY
Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Horizontal
: LTE Band 7 20M Ch21350 1RB0 QPSK

1	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
	MHz	dBm		Factor	l						dB
1	2526.00	14.30	RMS	27.00	8.69	0.00	-95.23	73.84	-25.00	39.30	Horizontal



Site : 03CH21-HY
Condition: -25 3m DRH18-E_LE2C03A18EN_230712 Vertical
: LTE Band 7 20M Ch21350 1RB0 QPSK

1	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
	MHz	dBm		Factor	l						dB
1	2526.11	1.68	RMS	27.00	8.69	0.00	-95.23	61.22	-25.00	26.68	Vertical

Remark: #1 is fundamental signal which can be ignored.