



FCC RADIO TEST REPORT

FCC ID : P4Q-N672B
Equipment : LTE Module
Brand Name : MITAC,MIO, Magellen,Teletrac Navman
Model Name : SC600T-NA
Applicant : Mitac Digital Technology Corp.
4F., NO. 1, R&D Road 2, Hsinchu Science
Park, 30076 Hsinchu,TAIWAN, R.O.C.
Manufacturer : Mitac Digital Technology Corp.
4F., NO. 1, R&D Road 2, Hsinchu Science
Park, 30076 Hsinchu,TAIWAN, R.O.C.
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27

The product was received on May 30, 2022 and testing was performed from Jun. 23, 2022 to Jun. 24, 2022. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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



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History of this test report

Report No.	Version	Description	Issued Date
FG000714-06B	01	Initial issue of report	Jul. 21, 2022
FG000714-06B	02	Revise Summary of Test Result, Product Feature of Equipment Under Test and Test Mode remark	Jul. 27, 2022



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
	§22.913 (a)(5)	Effective Radiated Power (Band 5) (Band 26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
-	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	Not Required	-
-	§2.1049	Occupied Bandwidth	Not Required	-
-	§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)	Not Required	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 41)		
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Not Required	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 41)		
-	§2.1055 §22.355 §24.235 §27.54	Frequency Stability Temperature & Voltage	Not Required	-
4.2	§2.1053 §27.53 (g)	Radiated Spurious Emission (Band 71)	Pass	Under limit 24.57 dB at 2040.000 MHz

Note:

1. Not required means after assessing, test items are not necessary to carry out.
2. This is a variant report by adding SKU. All the test cases were performed on original report which can be referred to Sporton Report Number FG0D1806B. Based on the original report, the test cases were verified.



Declaration of Conformity:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to this report "Uncertainty of Evaluation".
Comments and Explanations:
The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Yun Huang
Report Producer: Cindy Liu



1 General Description

1.1 Product Feature of Equipment Under Test

WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, and GNSS.

Product Feature	
Sample 1	EUT with Host 1
Sample 2	EUT with Host 2
Sample 3	EUT with Host 3
Sample 4	EUT with Host 4
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna GPS / Glonass : Patch Antenna
Antenna Gain	LTE Band 2: -4.1 dBi LTE Band 4: -3.3 dBi LTE Band 5: -4.7 dBi LTE Band 7: -3.8 dBi LTE Band 12: -6.0 dBi LTE Band 13: -5.5 dBi LTE Band 17: -6.0 dBi LTE Band 25: -4.0 dBi LTE Band 26: -4.7 dBi LTE Band 41: -3.6 dBi LTE Band 66: -3.3 dBi LTE Band 71: -6.1 dBi

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

The product was installed into Tablet (Brand Name: MITAC,MIO, Magellen,Teletrac Navman, Model Name: N672B) during test, and the host information was recorded in the following table.

Host Information	
Host 1	Host with SKU A
Host 2	Host with SKU B
Host 3	Host with SKU E
Host 4	Host with SKU F



Functions	SKU A	SKU B
Screen	5" 720x1280 (HD), IPS, 350nits (w/ touch)	5" 720x1280 (HD), IPS, 350nits (w/ touch)
CPU	SD625 octa core 2.0GHz	SD625 octa core 2.0GHz
Battery	4110mAh (hard pack),	4110mAh (hard pack),
RAM	3GB	3GB
Storage	32GB	32GB
External storage	Support	Support
WWAN + WLAN Module	Support (SC600T-NA)	Support (SC600T-NA)
NFC/RFID(HF)	Support	Support
GPS	Support	Support
Barcode	Support(N6603)	Support(N3601)

Functions	SKU C	SKU D
Screen	5" 720x1280 (HD), IPS, 350nits (w/ touch)	5" 720x1280 (HD), IPS, 350nits (w/ touch)
CPU	SD625 octa core 2.0GHz	SD625 octa core 2.0GHz
Battery	4110mAh (hard pack),	4110mAh (hard pack),
RAM	2GB	2GB
Storage	16GB	16GB
External storage	Support	Support
WWAN + WLAN Module	Support (SC600T-NA)	Support (SC600T-NA)
NFC/RFID(HF)	Support	Support
GPS	Support	Support
Barcode	Support(N6603)	Support(N3601)

Functions	SKU E	SKU F
Screen	5" 720x1280 (HD), IPS, 350nits (w/ touch)	5" 720x1280 (HD), IPS, 350nits (w/ touch)
CPU	SD625 octa core 2.0GHz	SD625 octa core 2.0GHz
Battery	4110mAh (hard pack),	4110mAh (hard pack),
RAM	3GB	3GB
Storage	32GB	32GB
External storage	Support	Support
WWAN + WLAN Module	Support (SC600T-NA)	Support (SC600T-NA)
NFC/RFID(HF)	Support	Not Support
GPS	Support	Support
Barcode	Not Support	Not Support



1.2 Modification of EUT

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

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	Sporton Site No.	
	TH03-HY	03CH07-HY
Test Engineer	Cotty Hsu	Stan Hsieh and Ken Wu
Temperature (°C)	21.6~23.5	24.3~29.5
Relative Humidity (%)	52.4~53.8	57.4~63.7

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

FCC Designation No.: TW1190

1.4 Applicable Standards

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

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

Remark:

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



2 Test Configuration of Equipment Under Test

2.1 Test Mode

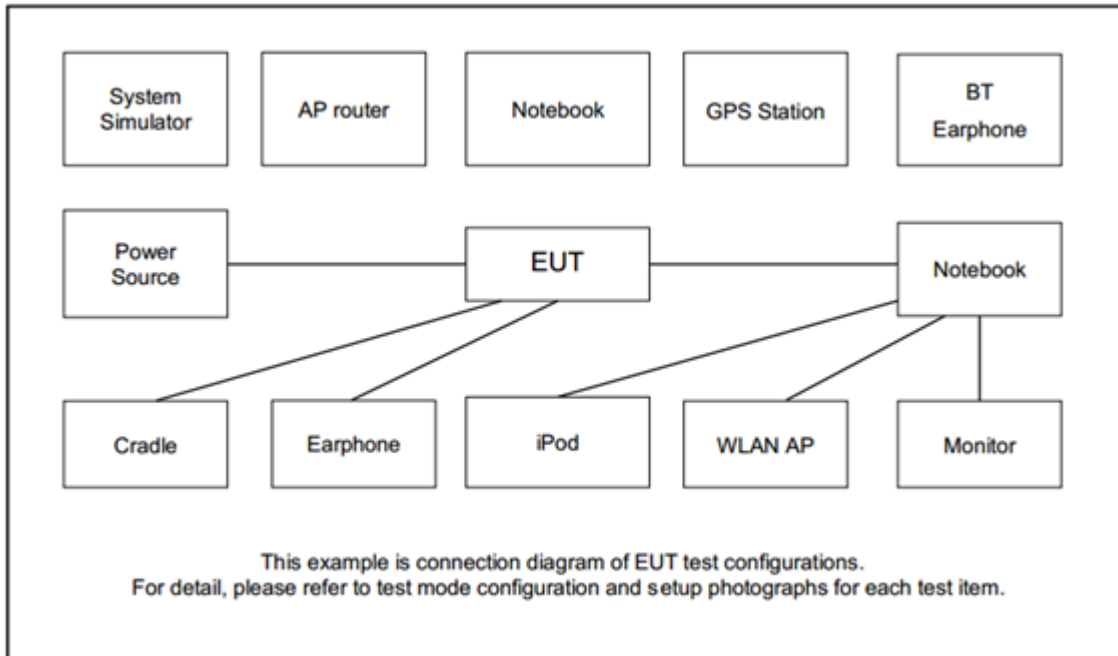
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find Y plane as worst plane.

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

Test Items	Band	Bandwidth (MHz)						Modulation			RB #			Test Channel			
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full	L	M	H	
Radiated Spurious Emission	71	-	-				v	v				v			v	v	v
Remark	1. The mark "v " means that this configuration is chosen for testing 2. The mark "- " means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Sample 4.																

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

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



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

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



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

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

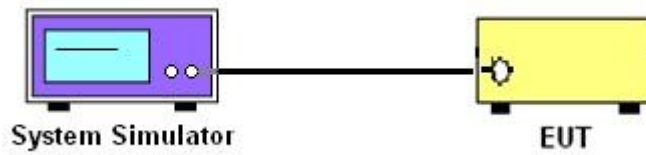
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



3.1.3 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and ERP/EIRP

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

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

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

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

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

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

4 Radiated Test Items

4.1 Measuring Instruments

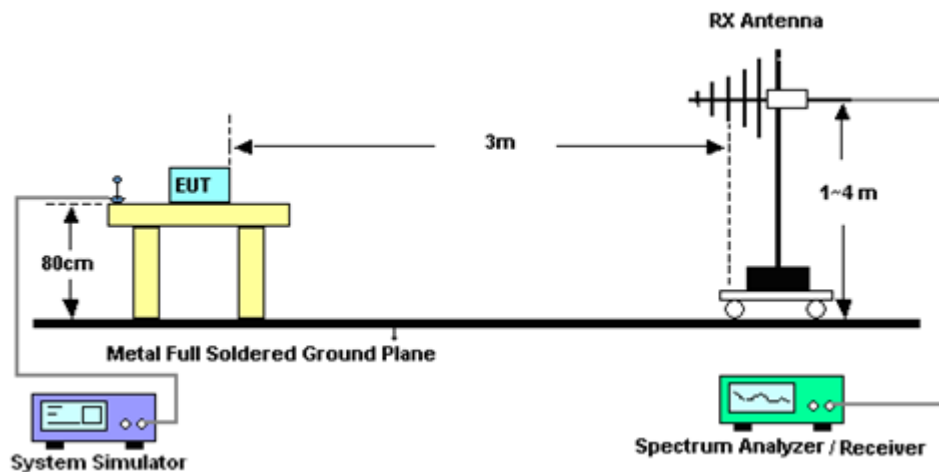
See list of measuring instruments of this test report.

4.1.1 Test Setup

For radiated test below 30MHz



For radiated test from 30MHz to 1GHz



For radiated test above 1GHz



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 / TIA-603-E Section 2.2.12.

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

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

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

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



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 24, 2022	Jun. 23, 2022~Jun. 24, 2022	Apr. 23, 2023	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	Jun. 23, 2022~Jun. 24, 2022	Jan. 06, 2023	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 03, 2021	Jun. 23, 2022~Jun. 24, 2022	Dec. 02, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 21, 2022	Jun. 23, 2022~Jun. 24, 2022	Apr. 20, 2023	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 04, 2021	Jun. 23, 2022~Jun. 24, 2022	Oct. 03, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 04, 2021	Jun. 23, 2022~Jun. 24, 2022	Oct. 03, 2022	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jul. 22, 2021	Jun. 23, 2022~Jun. 24, 2022	Jul. 21, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682/4	30MHz to 18GHz	Feb. 23, 2022	Jun. 23, 2022~Jun. 24, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4	9kHz to 18GHz	Feb. 23, 2022	Jun. 23, 2022~Jun. 24, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4	9kHz to 18GHz	Feb. 23, 2022	Jun. 23, 2022~Jun. 24, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 17, 2021	Jun. 23, 2022~Jun. 24, 2022	Sep. 16, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 14, 2022	Jun. 23, 2022~Jun. 24, 2022	Apr. 13, 2023	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Jun. 23, 2022~Jun. 24, 2022	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Jun. 23, 2022~Jun. 24, 2022	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Jun. 23, 2022~Jun. 24, 2022	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Jun. 23, 2022~Jun. 24, 2022	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Jun. 23, 2022~Jun. 24, 2022	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 07, 2022	Jun. 23, 2022~Jun. 24, 2022	Mar. 06, 2023	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	37059 & 01	30MHz~1GHz	Oct. 09, 2021	Jun. 23, 2022~Jun. 24, 2022	Oct. 08, 2022	Radiation (03CH07-HY)
Horn Antenna	EMCO	3117	00143261	1GHz~18GHz	Feb. 11, 2022	Jun. 23, 2022~Jun. 24, 2022	Feb. 10, 2023	Radiation (03CH07-HY)
Signal Generator	Rohde & Schwarz	SMF100A	101107	100kHz~40GHz	Dec. 08, 2021	Jun. 23, 2022~Jun. 24, 2022	Dec. 07, 2022	Radiation (03CH07-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6201664755	2/3/4G/LTE FDD/TDD with44)/LTE-3C C DLCA/2CC ULCA, CatM1/NB1/NB2	Jul. 21, 2021	Jun. 24, 2022	Jul. 20, 2022	Conducted (TH03-HY)



6 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.16 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.71 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 = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.33	21.29	21.40	17.30	0.0537
20	1	49		21.02	21.06	21.02		
20	1	99		21.18	21.28	21.21		
20	50	0		19.97	20.06	19.96		
20	50	24		20.26	20.36	20.36		
20	50	50		20.14	20.21	20.13		
20	100	0		20.19	20.22	20.20		
20	1	0	16-QAM	20.25	20.32	20.30	16.33	0.0430
20	1	49		20.22	20.28	20.19		
20	1	99		20.42	20.43	20.41		
20	50	0		19.14	19.19	19.11		
20	50	24		19.12	19.13	19.11		
20	50	50		18.96	19.02	18.94		
20	100	0		18.95	19.05	19.00		
20	1	0	64-QAM	19.99	19.99	19.89	15.95	0.0394
20	1	49		19.96	20.05	19.96		
20	1	99		19.97	20.01	20.01		
20	50	0		18.91	19.00	18.90		
20	50	24		18.85	18.92	18.85		
20	50	50		18.93	19.01	18.96		
20	100	0		18.92	18.98	18.88		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.32	21.22	21.35	17.29	0.0536
15	1	37		21.02	21.39	21.00		
15	1	74		21.13	21.36	21.11		
15	36	0		19.90	19.99	19.90		
15	36	20		20.18	19.98	20.30		
15	36	39		20.04	20.20	20.05		
15	75	0		20.12	19.97	20.17		
15	1	0	16-QAM	20.21	20.44	20.25	16.34	0.0431
15	1	37		20.21	20.22	20.12		
15	1	74		20.39	20.38	20.40		
15	36	0		19.08	18.89	19.09		
15	36	20		19.06	19.05	19.09		
15	36	39		18.90	19.16	18.88		
15	75	0		18.94	19.14	18.92		
15	1	0	64-QAM	19.89	20.19	19.84	16.09	0.0406
15	1	37		19.96	19.87	19.92		
15	1	74		19.94	19.95	19.94		
15	36	0		18.88	18.98	18.86		
15	36	20		18.77	18.95	18.76		
15	36	39		18.90	18.88	18.89		
15	75	0		18.82	19.04	18.78		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.30	21.19	21.30	17.20	0.0525
10	1	25		21.02	20.96	21.00		
10	1	49		21.11	21.19	21.03		
10	25	0		19.90	19.95	19.88		
10	25	12		20.12	20.27	20.20		
10	25	25		20.02	20.16	20.00		
10	50	0		20.12	20.10	20.15		
10	1	0	16-QAM	20.11	20.21	20.21	16.28	0.0425
10	1	25		20.20	20.19	20.05		
10	1	49		20.36	20.29	20.38		
10	25	0		18.99	19.10	19.08		
10	25	12		19.04	18.98	19.03		
10	25	25		18.90	18.94	18.85		
10	50	0		18.89	18.96	18.84		
10	1	0	64-QAM	19.83	19.85	19.79	15.84	0.0384
10	1	25		19.94	19.86	19.85		
10	1	49		19.86	19.90	19.89		
10	25	0		18.88	18.97	18.80		
10	25	12		18.68	18.83	18.76		
10	25	25		18.83	18.87	18.82		
10	50	0		18.73	18.92	18.72		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.25	21.11	21.25	17.15	0.0519
5	1	12		20.98	20.83	20.89		
5	1	24		20.98	21.23	21.01		
5	12	0		19.83	19.86	19.81		
5	12	7		20.02	20.25	20.13		
5	12	13		19.90	20.07	20.01		
5	25	0		19.99	20.04	20.08		
5	1	0	16-QAM	20.13	20.10	20.07	16.25	0.0422
5	1	12		20.16	20.18	20.02		
5	1	24		20.32	20.35	20.35		
5	12	0		18.96	19.05	19.01		
5	12	7		18.89	18.92	19.00		
5	12	13		18.73	18.95	18.73		
5	25	0		18.87	18.96	18.89		
5	1	0	64-QAM	19.83	19.84	19.70	15.84	0.0384
5	1	12		19.88	19.87	19.87		
5	1	24		19.86	19.90	19.94		
5	12	0		18.80	18.86	18.82		
5	12	7		18.73	18.83	18.68		
5	12	13		18.81	18.84	18.81		
5	25	0		18.81	18.86	18.78		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	21.23	21.08	21.15	17.13	0.0516
3	1	8		20.97	20.77	20.83		
3	1	14		20.90	21.22	21.00		
3	8	0		19.81	19.86	19.78		
3	8	4		19.95	20.24	20.10		
3	8	7		19.81	20.02	19.98		
3	15	0		19.91	19.98	20.08		
3	1	0	16-QAM	20.04	20.07	19.98	16.21	0.0418
3	1	8		20.16	20.09	19.92		
3	1	14		20.24	20.31	20.26		
3	8	0		18.90	18.99	19.00		
3	8	4		18.88	18.89	18.92		
3	8	7		18.67	18.90	18.63		
3	15	0		18.87	18.86	18.81		
3	1	0	64-QAM	19.78	19.83	19.67	15.75	0.0376
3	1	8		19.81	19.77	19.80		
3	1	14		19.82	19.85	19.84		
3	8	0		18.75	18.78	18.76		
3	8	4		18.69	18.81	18.59		
3	8	7		18.80	18.83	18.79		
3	15	0		18.75	18.76	18.74		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -4.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	21.21	21.00	21.09	17.11	0.0514
1.4	1	3		20.89	20.73	20.78		
1.4	1	5		20.86	21.20	20.98		
1.4	3	0		19.73	19.86	19.72		
1.4	3	1		19.89	20.21	20.01		
1.4	3	3		19.73	19.97	19.93		
1.4	6	0		19.81	19.94	20.02		
1.4	1	0	16-QAM	20.02	20.06	19.91	16.13	0.0410
1.4	1	3		20.12	20.05	19.85		
1.4	1	5		20.22	20.23	20.17		
1.4	3	0		18.90	18.99	19.00		
1.4	3	1		18.80	18.85	18.86		
1.4	3	3		18.58	18.81	18.53		
1.4	6	0		18.78	18.77	18.80		
1.4	1	0	64-QAM	19.73	19.79	19.67	15.71	0.0372
1.4	1	3		19.71	19.71	19.71		
1.4	1	5		19.81	19.76	19.79		
1.4	3	0		18.67	18.68	18.74		
1.4	3	1		18.69	18.73	18.55		
1.4	3	3		18.71	18.80	18.74		
1.4	6	0		18.69	18.74	18.64		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.22	21.04	21.24	17.24	0.0530
20	1	49		20.78	20.88	20.82		
20	1	99		20.75	20.74	20.76		
20	50	0		20.01	20.05	20.04		
20	50	24		19.97	19.99	19.99		
20	50	50		19.81	19.91	19.90		
20	100	0		19.86	19.93	19.87		
20	1	0	16-QAM	20.14	20.17	20.16	16.17	0.0414
20	1	49		20.11	20.15	20.11		
20	1	99		20.06	20.08	19.98		
20	50	0		18.98	19.05	18.97		
20	50	24		19.05	19.07	18.97		
20	50	50		18.91	18.98	18.93		
20	100	0		18.87	18.94	18.93		
20	1	0	64-QAM	20.03	20.06	19.98	16.06	0.0404
20	1	49		19.98	20.01	19.99		
20	1	99		19.82	19.83	19.73		
20	50	0		18.85	18.94	18.84		
20	50	24		18.92	18.93	18.87		
20	50	50		18.80	18.82	18.82		
20	100	0		18.69	18.70	18.63		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.11	20.99	21.16	17.16	0.0520
15	1	37		20.70	20.80	20.80		
15	1	74		20.68	20.67	20.66		
15	36	0		20.00	20.00	19.98		
15	36	20		19.88	19.98	19.89		
15	36	39		19.76	19.82	19.88		
15	75	0		19.84	19.84	19.82		
15	1	0	16-QAM	20.05	20.09	20.14	16.15	0.0412
15	1	37		20.04	20.15	20.11		
15	1	74		19.98	19.99	19.90		
15	36	0		18.98	19.02	18.90		
15	36	20		19.02	18.97	18.95		
15	36	39		18.82	18.95	18.91		
15	75	0		18.86	18.92	18.93		
15	1	0	64-QAM	20.02	20.03	19.94	16.03	0.0401
15	1	37		19.98	19.94	19.90		
15	1	74		19.74	19.82	19.65		
15	36	0		18.82	18.84	18.76		
15	36	20		18.88	18.85	18.86		
15	36	39		18.76	18.76	18.79		
15	75	0		18.62	18.64	18.56		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.09	20.93	21.08	17.09	0.0512
10	1	25		20.67	20.77	20.71		
10	1	49		20.68	20.60	20.64		
10	25	0		20.00	19.95	19.98		
10	25	12		19.78	19.89	19.82		
10	25	25		19.69	19.79	19.80		
10	50	0		19.81	19.81	19.75		
10	1	0	16-QAM	19.97	20.07	20.09	16.09	0.0406
10	1	25		19.95	20.07	20.01		
10	1	49		19.98	19.95	19.83		
10	25	0		18.90	19.00	18.80		
10	25	12		19.01	18.90	18.85		
10	25	25		18.75	18.86	18.82		
10	50	0		18.78	18.88	18.85		
10	1	0	64-QAM	19.93	20.02	19.90	16.02	0.0400
10	1	25		19.96	19.84	19.87		
10	1	49		19.71	19.72	19.63		
10	25	0		18.79	18.77	18.73		
10	25	12		18.84	18.85	18.81		
10	25	25		18.71	18.76	18.74		
10	50	0		18.52	18.54	18.52		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.05	20.92	21.03	17.05	0.0507
5	1	12		20.62	20.66	20.67		
5	1	24		20.56	20.59	20.61		
5	12	0		19.97	19.83	19.89		
5	12	7		19.76	19.86	19.84		
5	12	13		19.62	19.75	19.80		
5	25	0		19.79	19.66	19.77		
5	1	0	16-QAM	20.02	19.97	20.09	16.09	0.0406
5	1	12		19.91	20.04	19.98		
5	1	24		19.92	19.86	19.81		
5	12	0		18.85	18.94	18.82		
5	12	7		18.94	18.89	18.88		
5	12	13		18.81	18.89	18.83		
5	25	0		18.79	18.75	18.85		
5	1	0	64-QAM	20.01	19.94	19.84	16.01	0.0399
5	1	12		19.84	19.87	19.81		
5	1	24		19.56	19.62	19.57		
5	12	0		18.77	18.81	18.70		
5	12	7		18.78	18.79	18.76		
5	12	13		18.66	18.63	18.68		
5	25	0		18.59	18.62	18.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	20.90	20.90	20.92	16.92	0.0492
3	1	8		20.54	20.63	20.65		
3	1	14		20.58	20.57	20.56		
3	8	0		19.83	19.77	19.80		
3	8	4		19.67	19.80	19.80		
3	8	7		19.61	19.65	19.71		
3	15	0		19.82	19.64	19.80		
3	1	0	16-QAM	20.00	19.93	20.10	16.10	0.0407
3	1	8		19.91	19.98	19.91		
3	1	14		19.92	19.78	19.75		
3	8	0		18.82	18.90	18.73		
3	8	4		18.88	18.78	18.81		
3	8	7		18.62	18.82	18.72		
3	15	0		18.83	18.72	18.79		
3	1	0	64-QAM	20.02	19.95	19.74	16.02	0.0400
3	1	8		19.83	19.82	19.71		
3	1	14		19.63	19.69	19.59		
3	8	0		18.70	18.70	18.61		
3	8	4		18.77	18.74	18.74		
3	8	7		18.62	18.62	18.59		
3	15	0		18.57	18.45	18.36		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	20.87	20.80	20.89	16.89	0.0489
1.4	1	3		20.54	20.56	20.65		
1.4	1	5		20.55	20.54	20.46		
1.4	3	0		19.78	19.77	19.75		
1.4	3	1		19.63	19.73	19.75		
1.4	3	3		19.54	19.64	19.62		
1.4	6	0		19.81	19.64	19.77		
1.4	1	0	16-QAM	19.92	19.84	20.04	16.04	0.0402
1.4	1	3		19.86	19.97	19.85		
1.4	1	5		19.86	19.75	19.68		
1.4	3	0		18.74	18.80	18.72		
1.4	3	1		18.86	18.74	18.77		
1.4	3	3		18.61	18.76	18.65		
1.4	6	0		18.75	18.72	18.79		
1.4	1	0	64-QAM	20.02	19.89	19.71	16.02	0.0400
1.4	1	3		19.79	19.77	19.71		
1.4	1	5		19.53	19.69	19.54		
1.4	3	0		18.60	18.60	18.61		
1.4	3	1		18.72	18.64	18.70		
1.4	3	3		18.55	18.57	18.56		
1.4	6	0		18.50	18.41	18.31		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.13	21.18	21.12	17.88	0.0614
20	1	49		21.11	21.16	21.10		
20	1	99		21.02	21.04	20.96		
20	50	0		20.14	20.16	20.10		
20	50	24		20.10	20.18	20.18		
20	50	50		20.06	20.15	20.06		
20	100	0		20.20	20.22	20.12		
20	1	0	16-QAM	20.22	20.32	20.23	17.15	0.0519
20	1	49		20.41	20.45	20.36		
20	1	99		20.35	20.37	20.37		
20	50	0		19.03	19.13	19.11		
20	50	24		19.25	19.26	19.23		
20	50	50		19.17	19.18	19.09		
20	100	0		19.09	19.15	19.13		
20	1	0	64-QAM	19.88	19.95	19.87	16.79	0.0478
20	1	49		19.93	20.00	19.97		
20	1	99		20.03	20.09	19.99		
20	50	0		18.98	19.08	19.01		
20	50	24		19.09	19.12	19.08		
20	50	50		19.09	19.17	19.11		
20	100	0		19.12	19.13	19.05		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.03	21.15	21.07	17.85	0.0610
15	1	37		21.01	21.11	21.02		
15	1	74		21.00	20.94	20.88		
15	36	0		20.13	20.10	20.03		
15	36	20		20.05	20.18	20.16		
15	36	39		20.03	20.09	20.05		
15	75	0		20.12	20.21	20.09		
15	1	0	16-QAM	20.17	20.29	20.20	17.15	0.0519
15	1	37		20.38	20.45	20.26		
15	1	74		20.33	20.35	20.33		
15	36	0		18.93	19.13	19.05		
15	36	20		19.21	19.25	19.16		
15	36	39		19.09	19.11	18.99		
15	75	0		18.99	19.08	19.08		
15	1	0	64-QAM	19.81	19.92	19.83	16.74	0.0472
15	1	37		19.88	19.96	19.88		
15	1	74		20.01	20.04	19.95		
15	36	0		18.93	19.00	18.95		
15	36	20		19.04	19.03	19.05		
15	36	39		19.02	19.12	19.06		
15	75	0		19.05	19.06	19.05		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.00	21.12	21.02	17.82	0.0605
10	1	25		20.94	21.04	20.99		
10	1	49		20.99	20.88	20.79		
10	25	0		20.13	20.05	19.99		
10	25	12		20.05	20.10	20.07		
10	25	25		19.97	20.09	19.96		
10	50	0		20.08	20.16	20.08		
10	1	0	16-QAM	20.10	20.24	20.14	17.07	0.0509
10	1	25		20.34	20.37	20.23		
10	1	49		20.24	20.30	20.24		
10	25	0		18.85	19.03	19.01		
10	25	12		19.16	19.17	19.15		
10	25	25		19.04	19.10	18.95		
10	50	0		18.89	18.98	18.98		
10	1	0	64-QAM	19.71	19.86	19.81	16.72	0.0470
10	1	25		19.83	19.93	19.78		
10	1	49		19.92	20.02	19.90		
10	25	0		18.93	18.93	18.91		
10	25	12		19.03	18.98	18.98		
10	25	25		18.99	19.11	19.05		
10	50	0		18.97	19.06	19.01		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	20.95	21.12	21.02	17.82	0.0605
5	1	12		20.91	21.04	20.92		
5	1	24		20.96	20.85	20.71		
5	12	0		20.04	20.05	19.98		
5	12	7		19.95	20.10	20.05		
5	12	13		19.93	20.07	19.89		
5	25	0		20.05	20.06	20.04		
5	1	0	16-QAM	20.07	20.22	20.08	17.07	0.0509
5	1	12		20.26	20.37	20.18		
5	1	24		20.18	20.23	20.16		
5	12	0		18.75	18.94	18.98		
5	12	7		19.11	19.11	19.11		
5	12	13		19.01	19.09	18.85		
5	25	0		18.87	18.90	18.98		
5	1	0	64-QAM	19.69	19.78	19.71	16.71	0.0469
5	1	12		19.77	19.85	19.73		
5	1	24		19.88	20.01	19.82		
5	12	0		18.87	18.93	18.81		
5	12	7		19.03	18.92	18.91		
5	12	13		18.89	19.01	18.99		
5	25	0		18.96	19.03	18.93		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	20.88	21.05	21.00	17.75	0.0596
3	1	8		20.87	20.96	20.89		
3	1	14		20.94	20.75	20.67		
3	8	0		20.02	20.00	19.92		
3	8	4		19.90	20.09	20.01		
3	8	7		19.83	20.07	19.84		
3	15	0		20.01	20.01	19.97		
3	1	0	16-QAM	20.01	20.12	20.08	17.06	0.0508
3	1	8		20.21	20.36	20.09		
3	1	14		20.10	20.17	20.07		
3	8	0		18.67	18.90	18.96		
3	8	4		19.04	19.01	19.10		
3	8	7		18.92	19.07	18.80		
3	15	0		18.77	18.87	18.93		
3	1	0	64-QAM	19.60	19.72	19.64	16.62	0.0459
3	1	8		19.71	19.78	19.72		
3	1	14		19.79	19.92	19.76		
3	8	0		18.77	18.93	18.72		
3	8	4		18.96	18.82	18.88		
3	8	7		18.79	18.95	18.99		
3	15	0		18.95	18.96	18.93		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	20.85	21.01	20.93	17.71	0.0590
1.4	1	3		20.85	20.86	20.84		
1.4	1	5		20.93	20.74	20.61		
1.4	3	0		19.92	19.91	19.86		
1.4	3	1		19.82	19.99	19.95		
1.4	3	3		19.83	20.06	19.77		
1.4	6	0		19.97	19.95	19.97		
1.4	1	0	16-QAM	19.96	20.02	20.00	16.97	0.0498
1.4	1	3		20.14	20.27	20.04		
1.4	1	5		20.10	20.08	20.07		
1.4	3	0		18.65	18.90	18.87		
1.4	3	1		19.02	18.96	19.08		
1.4	3	3		18.89	19.04	18.77		
1.4	6	0		18.71	18.80	18.84		
1.4	1	0	64-QAM	19.51	19.71	19.62	16.56	0.0453
1.4	1	3		19.67	19.72	19.70		
1.4	1	5		19.69	19.86	19.73		
1.4	3	0		18.68	18.84	18.67		
1.4	3	1		18.87	18.82	18.79		
1.4	3	3		18.71	18.88	18.99		
1.4	6	0		18.95	18.87	18.85		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.07	22.54	22.47	15.69	0.0371
10	1	25		22.40	22.44	22.44		
10	1	49		22.44	22.52	22.47		
10	25	0		21.33	21.38	21.32		
10	25	12		21.34	21.43	21.43		
10	25	25		21.43	21.45	21.41		
10	50	0		21.53	21.56	21.50		
10	1	0	16-QAM	21.83	21.86	21.85	15.01	0.0317
10	1	25		21.59	21.59	21.58		
10	1	49		21.76	21.82	21.77		
10	25	0		20.44	20.48	20.48		
10	25	12		20.36	20.41	20.32		
10	25	25		20.46	20.47	20.39		
10	50	0		20.36	20.41	20.32		
10	1	0	64-QAM	21.22	21.32	21.28	14.47	0.0280
10	1	25		21.24	21.25	21.23		
10	1	49		21.04	21.10	21.06		
10	25	0		20.44	20.44	20.35		
10	25	12		20.31	20.34	20.26		
10	25	25		20.28	20.38	20.38		
10	50	0		20.37	20.37	20.28		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.06	22.48	22.44	15.63	0.0366
5	1	12		22.32	22.44	22.43		
5	1	24		22.37	22.44	22.40		
5	12	0		21.32	21.31	21.22		
5	12	7		21.33	21.33	21.37		
5	12	13		21.43	21.42	21.34		
5	25	0		21.49	21.47	21.46		
5	1	0	16-QAM	21.73	21.82	21.77	14.97	0.0314
5	1	12		21.52	21.50	21.54		
5	1	24		21.68	21.81	21.70		
5	12	0		20.36	20.44	20.42		
5	12	7		20.31	20.37	20.24		
5	12	13		20.42	20.42	20.33		
5	25	0		20.35	20.37	20.22		
5	1	0	64-QAM	21.17	21.32	21.21	14.47	0.0280
5	1	12		21.15	21.21	21.15		
5	1	24		20.98	21.02	21.01		
5	12	0		20.40	20.43	20.30		
5	12	7		20.25	20.34	20.20		
5	12	13		20.18	20.37	20.33		
5	25	0		20.35	20.29	20.26		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.01	22.40	22.38	15.55	0.0359
3	1	8		22.31	22.37	22.35		
3	1	14		22.37	22.40	22.32		
3	8	0		21.22	21.23	21.20		
3	8	4		21.33	21.32	21.37		
3	8	7		21.37	21.38	21.28		
3	15	0		21.41	21.44	21.37		
3	1	0	16-QAM	21.73	21.78	21.71	14.93	0.0311
3	1	8		21.52	21.48	21.51		
3	1	14		21.59	21.76	21.62		
3	8	0		20.29	20.37	20.34		
3	8	4		20.31	20.32	20.17		
3	8	7		20.32	20.32	20.27		
3	15	0		20.31	20.33	20.22		
3	1	0	64-QAM	21.08	21.24	21.14	14.39	0.0275
3	1	8		21.05	21.13	21.05		
3	1	14		20.88	21.02	20.98		
3	8	0		20.30	20.39	20.20		
3	8	4		20.25	20.33	20.14		
3	8	7		20.12	20.36	20.27		
3	15	0		20.28	20.22	20.23		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	21.92	22.31	22.29	15.49	0.0354
1.4	1	3		22.21	22.34	22.33		
1.4	1	5		22.27	22.33	22.22		
1.4	3	0		21.21	21.18	21.14		
1.4	3	1		21.33	21.32	21.30		
1.4	3	3		21.28	21.32	21.20		
1.4	6	0		21.31	21.38	21.37		
1.4	1	0	16-QAM	21.65	21.78	21.70	14.93	0.0311
1.4	1	3		21.45	21.47	21.50		
1.4	1	5		21.50	21.74	21.56		
1.4	3	0		20.19	20.29	20.24		
1.4	3	1		20.24	20.28	20.13		
1.4	3	3		20.25	20.22	20.27		
1.4	6	0		20.29	20.29	20.22		
1.4	1	0	64-QAM	21.04	21.14	21.07	14.29	0.0269
1.4	1	3		20.95	21.06	20.95		
1.4	1	5		20.87	21.02	20.98		
1.4	3	0		20.27	20.30	20.11		
1.4	3	1		20.25	20.30	20.09		
1.4	3	3		20.05	20.32	20.26		
1.4	6	0		20.22	20.19	20.13		
Limit	ERP < 7W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.26	21.08	21.33	17.53	0.0566
20	1	49		20.92	20.96	20.96		
20	1	99		20.81	20.88	20.85		
20	50	0		20.10	20.14	20.08		
20	50	24		20.01	20.07	20.06		
20	50	50		20.04	20.04	19.99		
20	100	0		19.98	20.03	20.03		
20	1	0	16-QAM	20.18	20.27	20.21	16.47	0.0444
20	1	49		20.14	20.22	20.14		
20	1	99		20.10	20.14	20.08		
20	50	0		19.08	19.14	19.11		
20	50	24		19.04	19.13	19.03		
20	50	50		19.03	19.06	18.97		
20	100	0		19.09	19.18	19.13		
20	1	0	64-QAM	20.16	20.20	20.13	16.40	0.0437
20	1	49		20.03	20.06	19.99		
20	1	99		19.87	19.92	19.92		
20	50	0		18.96	19.05	19.03		
20	50	24		19.06	19.09	18.99		
20	50	50		19.01	19.05	18.96		
20	100	0		18.74	18.79	18.71		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.26	21.03	21.28	17.48	0.0560
15	1	37		20.82	20.88	20.93		
15	1	74		20.86	20.82	20.84		
15	36	0		20.03	20.07	20.00		
15	36	20		20.00	20.01	19.96		
15	36	39		20.03	19.97	19.96		
15	75	0		19.91	19.98	20.00		
15	1	0	16-QAM	20.17	20.20	20.19	16.40	0.0437
15	1	37		20.12	20.14	20.04		
15	1	74		20.10	20.07	19.98		
15	36	0		18.98	19.04	19.06		
15	36	20		19.02	19.10	18.97		
15	36	39		18.99	19.00	18.93		
15	75	0		19.02	19.10	19.12		
15	1	0	64-QAM	20.07	20.12	20.03	16.32	0.0429
15	1	37		20.01	19.99	19.93		
15	1	74		19.83	19.88	19.88		
15	36	0		18.92	19.03	18.97		
15	36	20		19.01	18.99	18.90		
15	36	39		18.93	19.02	18.96		
15	75	0		18.71	18.77	18.70		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.20	21.02	21.21	17.41	0.0551
10	1	25		20.74	20.80	20.91		
10	1	49		20.75	20.77	20.76		
10	25	0		19.98	20.04	19.93		
10	25	12		19.90	19.92	19.95		
10	25	25		19.94	19.92	19.92		
10	50	0		19.89	19.90	19.98		
10	1	0	16-QAM	20.16	20.13	20.15	16.36	0.0433
10	1	25		20.11	20.10	19.94		
10	1	49		20.00	20.07	19.93		
10	25	0		18.90	18.96	18.96		
10	25	12		19.02	19.02	18.96		
10	25	25		18.89	19.00	18.89		
10	50	0		18.92	19.03	19.08		
10	1	0	64-QAM	19.99	20.08	19.97	16.28	0.0425
10	1	25		19.99	19.97	19.90		
10	1	49		19.77	19.79	19.85		
10	25	0		18.84	19.02	18.87		
10	25	12		18.96	18.90	18.85		
10	25	25		18.84	18.99	18.96		
10	50	0		18.69	18.76	18.70		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.14	20.98	21.17	17.37	0.0546
5	1	12		20.73	20.73	20.88		
5	1	24		20.72	20.70	20.74		
5	12	0		19.90	19.99	19.87		
5	12	7		19.88	19.83	19.94		
5	12	13		19.84	19.82	19.86		
5	25	0		19.84	19.90	19.97		
5	1	0	16-QAM	20.12	20.05	20.15	16.35	0.0432
5	1	12		20.07	20.05	19.89		
5	1	24		19.96	20.05	19.87		
5	12	0		18.84	18.87	18.91		
5	12	7		18.93	18.95	18.93		
5	12	13		18.80	18.98	18.84		
5	25	0		18.84	18.96	19.03		
5	1	0	64-QAM	19.92	19.99	19.87	16.19	0.0416
5	1	12		19.96	19.90	19.88		
5	1	24		19.72	19.78	19.78		
5	12	0		18.83	19.00	18.85		
5	12	7		18.94	18.84	18.77		
5	12	13		18.81	18.97	18.88		
5	25	0		18.68	18.72	18.63		
Limit	EIRP < 2W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.26	22.31	22.33	14.18	0.0262
10	1	25		21.98	22.02	21.93		
10	1	49		21.96	22.00	21.91		
10	25	0		21.18	21.27	21.27		
10	25	12		21.11	21.18	21.14		
10	25	25		21.27	21.28	21.19		
10	50	0		21.28	21.32	21.24		
10	1	0	16-QAM	21.22	21.23	21.15	13.08	0.0203
10	1	25		21.07	21.07	20.99		
10	1	49		21.10	21.16	21.10		
10	25	0		20.25	20.32	20.30		
10	25	12		20.14	20.14	20.07		
10	25	25		20.16	20.16	20.15		
10	50	0		20.27	20.27	20.18		
10	1	0	64-QAM	21.22	21.23	21.21	13.10	0.0204
10	1	25		21.24	21.25	21.22		
10	1	49		21.20	21.21	21.17		
10	25	0		20.24	20.25	20.23		
10	25	12		20.14	20.22	20.17		
10	25	25		20.09	20.15	20.07		
10	50	0		19.98	20.05	19.99		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.21	22.22	22.23	14.08	0.0256
5	1	12		21.95	22.00	21.88		
5	1	24		21.93	21.94	21.89		
5	12	0		21.18	21.26	21.23		
5	12	7		21.07	21.08	21.04		
5	12	13		21.21	21.22	21.13		
5	25	0		21.28	21.23	21.23		
5	1	0	16-QAM	21.17	21.15	21.10	13.02	0.0200
5	1	12		21.00	21.04	20.98		
5	1	24		21.07	21.08	21.04		
5	12	0		20.24	20.29	20.29		
5	12	7		20.07	20.11	20.05		
5	12	13		20.10	20.13	20.06		
5	25	0		20.20	20.24	20.16		
5	1	0	64-QAM	21.18	21.20	21.12	13.05	0.0202
5	1	12		21.19	21.19	21.13		
5	1	24		21.10	21.18	21.13		
5	12	0		20.17	20.20	20.13		
5	12	7		20.09	20.16	20.13		
5	12	13		20.04	20.10	20.03		
5	25	0		19.97	20.01	19.93		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.15	22.15	22.17	14.02	0.0252
3	1	8		21.86	22.00	21.78		
3	1	14		21.92	21.90	21.82		
3	8	0		21.12	21.26	21.21		
3	8	4		21.01	21.04	20.97		
3	8	7		21.11	21.14	21.10		
3	15	0		21.25	21.14	21.18		
3	1	0	16-QAM	21.09	21.13	21.10	12.98	0.0199
3	1	8		20.94	20.95	20.96		
3	1	14		20.98	21.05	20.94		
3	8	0		20.16	20.29	20.27		
3	8	4		20.04	20.01	19.99		
3	8	7		20.06	20.04	19.99		
3	15	0		20.16	20.14	20.11		
3	1	0	64-QAM	21.09	21.17	21.06	13.02	0.0200
3	1	8		21.11	21.11	21.12		
3	1	14		21.10	21.09	21.07		
3	8	0		20.08	20.14	20.13		
3	8	4		20.04	20.09	20.13		
3	8	7		19.96	20.06	19.99		
3	15	0		19.87	20.01	19.91		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.13	22.14	22.16	14.01	0.0252
1.4	1	3		21.79	21.99	21.75		
1.4	1	5		21.92	21.84	21.73		
1.4	3	0		21.04	21.20	21.12		
1.4	3	1		21.00	20.96	20.97		
1.4	3	3		21.10	21.06	21.02		
1.4	6	0		21.24	21.11	21.14		
1.4	1	0	16-QAM	21.06	21.04	21.02	12.91	0.0195
1.4	1	3		20.91	20.93	20.90		
1.4	1	5		20.90	21.00	20.93		
1.4	3	0		20.13	20.27	20.25		
1.4	3	1		19.98	19.92	19.91		
1.4	3	3		20.01	20.00	19.89		
1.4	6	0		20.08	20.06	20.10		
1.4	1	0	64-QAM	20.99	21.14	20.96	12.99	0.0199
1.4	1	3		21.09	21.09	21.10		
1.4	1	5		21.02	21.01	21.00		
1.4	3	0		20.01	20.04	20.10		
1.4	3	1		19.97	20.01	20.13		
1.4	3	3		19.91	20.00	19.89		
1.4	6	0		19.86	19.96	19.86		
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK		22.56		14.91	0.0310
10	1	25			22.26			
10	1	49			22.28			
10	25	0			21.22			
10	25	12			21.18			
10	25	25			21.27			
10	50	0			21.26			
10	1	0	16-QAM	-	21.78	-	14.13	0.0259
10	1	25			21.47			
10	1	49			21.33			
10	25	0			20.27			
10	25	12			20.17			
10	25	25			20.23			
10	50	0			20.34			
10	1	0	64-QAM		21.37		13.72	0.0236
10	1	25			21.32			
10	1	49			21.19			
10	25	0			20.25			
10	25	12			20.21			
10	25	25			20.22			
10	50	0			20.23			
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.30	22.42	22.46	14.81	0.0303
5	1	12		22.03	22.16	22.06		
5	1	24		22.12	22.06	22.14		
5	12	0		21.10	21.07	21.08		
5	12	7		20.97	21.01	21.05		
5	12	13		21.07	21.06	21.21		
5	25	0		21.13	21.26	21.19		
5	1	0	16-QAM	21.66	21.66	21.61	14.01	0.0252
5	1	12		21.35	21.40	21.30		
5	1	24		21.27	21.18	21.18		
5	12	0		20.25	20.08	20.09		
5	12	7		20.03	20.06	20.02		
5	12	13		20.06	20.10	20.05		
5	25	0		20.13	20.23	20.23		
5	1	0	64-QAM	21.20	21.23	21.23	13.58	0.0228
5	1	12		21.11	21.13	21.16		
5	1	24		20.96	20.97	21.03		
5	12	0		20.07	20.14	20.09		
5	12	7		20.03	20.10	20.04		
5	12	13		20.10	19.96	20.12		
5	25	0		20.02	20.07	20.00		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.32	22.38	22.36	14.23	0.0265
10	1	25		22.20	22.22	22.21		
10	1	49		22.32	22.33	22.29		
10	25	0		21.31	21.36	21.34		
10	25	12		21.22	21.29	21.21		
10	25	25		21.08	21.12	21.10		
10	50	0		21.03	21.04	20.94		
10	1	0	16-QAM	21.34	21.38	21.29	13.28	0.0213
10	1	25		21.26	21.26	21.19		
10	1	49		21.38	21.43	21.43		
10	25	0		20.17	20.27	20.27		
10	25	12		20.12	20.22	20.13		
10	25	25		20.15	20.16	20.15		
10	50	0		20.24	20.27	20.25		
10	1	0	64-QAM	21.39	21.49	21.43	13.34	0.0216
10	1	25		21.30	21.34	21.24		
10	1	49		21.31	21.33	21.29		
10	25	0		20.27	20.32	20.29		
10	25	12		20.22	20.32	20.30		
10	25	25		20.07	20.12	20.04		
10	50	0		20.25	20.31	20.23		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.30	22.36	22.31	14.21	0.0264
5	1	12		22.13	22.17	22.18		
5	1	24		22.31	22.27	22.21		
5	12	0		21.24	21.34	21.27		
5	12	7		21.22	21.28	21.16		
5	12	13		20.98	21.03	21.05		
5	25	0		21.00	20.95	20.94		
5	1	0	16-QAM	21.34	21.28	21.22	13.26	0.0212
5	1	12		21.25	21.16	21.14		
5	1	24		21.32	21.41	21.36		
5	12	0		20.11	20.17	20.22		
5	12	7		20.09	20.17	20.07		
5	12	13		20.06	20.15	20.05		
5	25	0		20.17	20.18	20.23		
5	1	0	64-QAM	21.29	21.43	21.42	13.28	0.0213
5	1	12		21.25	21.32	21.24		
5	1	24		21.31	21.28	21.20		
5	12	0		20.26	20.26	20.26		
5	12	7		20.14	20.31	20.24		
5	12	13		19.98	20.09	19.99		
5	25	0		20.25	20.26	20.22		
Limit	ERP < 3W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	22.57	22.54	22.20	15.72	0.0373
15	1	37		22.44	22.19	22.42		
15	1	74		22.42	22.18	22.32		
15	36	0		21.55	21.47	21.53		
15	36	20		21.38	21.14	21.37		
15	36	39		21.28	21.42	21.26		
15	75	0		21.40	21.53	21.33		
15	1	0	16-QAM	21.55	21.70	21.45	14.85	0.0305
15	1	37		21.31	21.47	21.29		
15	1	74		21.47	21.40	21.40		
15	36	0		20.57	20.50	20.54		
15	36	20		20.27	20.26	20.27		
15	36	39		20.24	20.01	20.21		
15	75	0		20.27	20.15	20.20		
15	1	0	64-QAM	21.44	21.24	21.36	14.59	0.0288
15	1	37		21.21	20.97	21.15		
15	1	74		21.03	21.14	21.01		
15	36	0		20.54	20.65	20.52		
15	36	20		20.29	20.09	20.28		
15	36	39		20.23	20.00	20.22		
15	75	0		20.17	19.92	20.08		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.25	22.41	22.18	15.66	0.0368
10	1	25		22.48	22.51	22.34		
10	1	49		22.41	22.24	22.23		
10	25	0		21.43	21.52	21.49		
10	25	12		21.20	21.40	21.36		
10	25	25		21.24	21.12	21.19		
10	50	0		21.21	21.41	21.23		
10	1	0	16-QAM	21.45	21.51	21.43	14.66	0.0292
10	1	25		21.20	21.21	21.27		
10	1	49		21.37	21.49	21.38		
10	25	0		20.41	20.47	20.49		
10	25	12		20.27	20.11	20.19		
10	25	25		20.22	20.22	20.17		
10	50	0		20.31	20.22	20.15		
10	1	0	64-QAM	21.37	21.32	21.27	14.52	0.0283
10	1	25		21.03	21.19	21.06		
10	1	49		21.01	20.87	20.97		
10	25	0		20.45	20.46	20.48		
10	25	12		20.15	20.20	20.23		
10	25	25		20.07	20.14	20.21		
10	50	0		20.02	20.13	20.08		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.36	22.52	22.16	15.67	0.0369
5	1	12		22.40	22.25	22.41		
5	1	24		22.26	22.30	22.26		
5	12	0		21.45	21.51	21.48		
5	12	7		21.33	21.29	21.29		
5	12	13		21.13	21.09	21.20		
5	25	0		21.26	21.32	21.28		
5	1	0	16-QAM	21.41	21.42	21.35	14.57	0.0286
5	1	12		21.08	21.15	21.23		
5	1	24		21.29	21.42	21.36		
5	12	0		20.39	20.55	20.52		
5	12	7		20.15	20.09	20.23		
5	12	13		20.05	19.96	20.09		
5	25	0		20.21	20.26	20.17		
5	1	0	64-QAM	21.18	21.34	21.29	14.49	0.0281
5	1	12		21.13	20.97	21.06		
5	1	24		20.86	20.86	20.94		
5	12	0		20.43	20.45	20.35		
5	12	7		20.14	20.33	20.16		
5	12	13		20.03	20.15	20.10		
5	25	0		19.96	19.99	19.97		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.26	22.30	22.11	15.57	0.0361
3	1	8		22.35	22.30	22.42		
3	1	14		22.09	22.23	22.18		
3	8	0		21.47	21.47	21.39		
3	8	4		21.15	21.16	21.24		
3	8	7		21.12	21.24	21.14		
3	15	0		21.17	21.30	21.29		
3	1	0	16-QAM	21.43	21.59	21.38	14.74	0.0298
3	1	8		21.07	21.24	21.23		
3	1	14		21.34	21.50	21.34		
3	8	0		20.54	20.52	20.45		
3	8	4		20.06	20.12	20.24		
3	8	7		20.05	20.15	20.04		
3	15	0		20.17	20.32	20.08		
3	1	0	64-QAM	21.36	21.27	21.28	14.51	0.0282
3	1	8		21.07	21.11	21.06		
3	1	14		20.74	20.78	20.91		
3	8	0		20.54	20.60	20.41		
3	8	4		20.17	20.20	20.20		
3	8	7		20.12	20.10	20.10		
3	15	0		19.94	20.05	19.97		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.25	22.37	22.14	15.58	0.0361
1.4	1	3		22.31	22.38	22.41		
1.4	1	5		22.17	22.43	22.20		
1.4	3	0		21.35	21.56	21.41		
1.4	3	1		21.30	21.11	21.22		
1.4	3	3		20.97	21.14	21.13		
1.4	6	0		21.25	21.34	21.21		
1.4	1	0	16-QAM	21.37	21.41	21.34	14.63	0.0290
1.4	1	3		21.24	21.28	21.19		
1.4	1	5		21.21	21.48	21.35		
1.4	3	0		20.31	20.51	20.51		
1.4	3	1		19.96	20.11	20.24		
1.4	3	3		20.16	20.10	20.09		
1.4	6	0		20.13	20.17	20.14		
1.4	1	0	64-QAM	21.26	21.45	21.28	14.60	0.0288
1.4	1	3		21.13	21.03	21.06		
1.4	1	5		20.93	21.01	20.89		
1.4	3	0		20.44	20.49	20.38		
1.4	3	1		20.16	20.22	20.18		
1.4	3	3		19.98	20.13	20.15		
1.4	6	0		20.03	20.12	19.95		
Limit	ERP < 7W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	20.77	20.36	20.48	17.17	0.0521
20	1	49		20.38	20.44	20.35		
20	1	99		20.17	20.21	20.19		
20	50	0		19.75	19.84	19.76		
20	50	24		19.78	19.79	19.78		
20	50	50		19.51	19.59	19.49		
20	100	0		19.44	19.49	19.47		
20	1	0	16-QAM	19.55	19.55	19.48	16.11	0.0408
20	1	49		19.61	19.71	19.71		
20	1	99		19.28	19.30	19.28		
20	50	0		18.76	18.76	18.70		
20	50	24		18.83	18.87	18.80		
20	50	50		18.60	18.64	18.57		
20	100	0		18.64	18.73	18.65		
20	1	0	64-QAM	18.99	19.08	19.05	15.62	0.0365
20	1	49		19.21	19.22	19.17		
20	1	99		18.91	19.01	18.94		
20	50	0		18.56	18.61	18.51		
20	50	24		18.72	18.73	18.69		
20	50	50		18.56	18.60	18.60		
20	100	0		18.69	18.69	18.59		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	20.66	20.28	20.38	17.06	0.0508
15	1	37		20.33	20.39	20.29		
15	1	74		20.18	20.17	20.17		
15	36	0		19.73	19.83	19.70		
15	36	20		19.76	19.69	19.73		
15	36	39		19.48	19.57	19.40		
15	75	0		19.36	19.48	19.39		
15	1	0	16-QAM	19.46	19.53	19.43	16.07	0.0405
15	1	37		19.59	19.66	19.67		
15	1	74		19.19	19.28	19.19		
15	36	0		18.73	18.76	18.69		
15	36	20		18.77	18.80	18.76		
15	36	39		18.53	18.57	18.56		
15	75	0		18.63	18.72	18.59		
15	1	0	64-QAM	18.89	19.04	19.04	15.57	0.0361
15	1	37		19.17	19.17	19.07		
15	1	74		18.82	19.00	18.88		
15	36	0		18.56	18.61	18.44		
15	36	20		18.63	18.73	18.62		
15	36	39		18.48	18.50	18.54		
15	75	0		18.66	18.69	18.59		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	20.46	20.18	20.38	16.86	0.0485
10	1	25		20.28	20.35	20.29		
10	1	49		20.07	20.17	20.10		
10	25	0		19.70	19.75	19.70		
10	25	12		19.67	19.59	19.63		
10	25	25		19.47	19.49	19.34		
10	50	0		19.33	19.39	19.32		
10	1	0	16-QAM	19.46	19.45	19.38	16.00	0.0398
10	1	25		19.54	19.59	19.60		
10	1	49		19.14	19.22	19.16		
10	25	0		18.70	18.68	18.60		
10	25	12		18.72	18.73	18.67		
10	25	25		18.50	18.52	18.51		
10	50	0		18.60	18.67	18.55		
10	1	0	64-QAM	18.84	19.02	18.98	15.49	0.0354
10	1	25		19.08	19.09	19.07		
10	1	49		18.74	18.99	18.86		
10	25	0		18.56	18.56	18.44		
10	25	12		18.62	18.66	18.56		
10	25	25		18.46	18.47	18.48		
10	50	0		18.58	18.59	18.55		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	20.40	20.10	20.36	16.80	0.0479
5	1	12		20.19	20.29	20.22		
5	1	24		19.98	20.15	20.00		
5	12	0		19.66	19.68	19.69		
5	12	7		19.66	19.57	19.53		
5	12	13		19.38	19.46	19.26		
5	25	0		19.25	19.39	19.28		
5	1	0	16-QAM	19.45	19.35	19.29	15.98	0.0396
5	1	12		19.51	19.56	19.58		
5	1	24		19.11	19.22	19.11		
5	12	0		18.64	18.61	18.60		
5	12	7		18.62	18.64	18.65		
5	12	13		18.42	18.42	18.43		
5	25	0		18.51	18.61	18.48		
5	1	0	64-QAM	18.84	18.98	18.97	15.43	0.0349
5	1	12		19.00	19.03	19.01		
5	1	24		18.69	18.94	18.78		
5	12	0		18.48	18.46	18.37		
5	12	7		18.61	18.65	18.53		
5	12	13		18.37	18.42	18.40		
5	25	0		18.58	18.55	18.52		
Limit	EIRP < 2W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.21	21.48	21.17	18.18	0.0658
20	1	49		21.15	21.25	21.20		
20	1	99		21.41	21.46	21.39		
20	50	0		20.04	20.13	20.10		
20	50	24		20.21	20.21	20.14		
20	50	50		20.17	20.22	20.19		
20	100	0		20.07	20.16	20.16		
20	1	0	16-QAM	20.19	20.19	20.19	17.15	0.0519
20	1	49		20.07	20.16	20.13		
20	1	99		20.35	20.45	20.41		
20	50	0		19.19	19.26	19.25		
20	50	24		19.30	19.31	19.29		
20	50	50		19.25	19.30	19.28		
20	100	0		19.13	19.18	19.12		
20	1	0	64-QAM	20.14	20.14	20.08	16.84	0.0483
20	1	49		20.01	20.03	19.94		
20	1	99		19.99	19.99	19.93		
20	50	0		19.00	19.10	19.09		
20	50	24		19.18	19.24	19.18		
20	50	50		19.12	19.18	19.08		
20	100	0		19.01	19.09	19.08		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.20	21.42	21.15	18.15	0.0653
15	1	37		21.08	21.21	21.10		
15	1	74		21.34	21.45	21.38		
15	36	0		19.96	20.03	20.01		
15	36	20		20.18	20.19	20.04		
15	36	39		20.11	20.22	20.09		
15	75	0		19.98	20.10	20.06		
15	1	0	16-QAM	20.15	20.11	20.17	17.14	0.0518
15	1	37		20.05	20.10	20.05		
15	1	74		20.33	20.44	20.37		
15	36	0		19.09	19.21	19.25		
15	36	20		19.24	19.24	19.21		
15	36	39		19.18	19.27	19.26		
15	75	0		19.08	19.10	19.02		
15	1	0	64-QAM	20.06	20.12	19.99	16.82	0.0481
15	1	37		19.92	20.01	19.92		
15	1	74		19.90	19.99	19.91		
15	36	0		18.97	19.04	19.00		
15	36	20		19.08	19.16	19.08		
15	36	39		19.06	19.09	19.07		
15	75	0		18.98	19.04	19.02		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.13	21.42	21.11	18.12	0.0649
10	1	25		21.09	21.17	21.18		
10	1	49		21.38	21.38	21.31		
10	25	0		19.97	20.12	20.10		
10	25	12		20.17	20.14	20.14		
10	25	25		20.08	20.16	20.17		
10	50	0		20.01	20.08	20.10		
10	1	0	16-QAM	20.11	20.16	20.17	17.08	0.0511
10	1	25		20.04	20.14	20.13		
10	1	49		20.29	20.38	20.33		
10	25	0		19.09	19.24	19.25		
10	25	12		19.27	19.30	19.23		
10	25	25		19.20	19.23	19.25		
10	50	0		19.13	19.18	19.05		
10	1	0	64-QAM	20.06	20.08	20.05	16.78	0.0476
10	1	25		20.01	20.00	19.91		
10	1	49		19.95	19.90	19.91		
10	25	0		18.99	19.08	19.05		
10	25	12		19.16	19.23	19.17		
10	25	25		19.10	19.17	19.05		
10	50	0		18.91	19.01	19.07		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.13	21.48	21.12	18.18	0.0658
5	1	12		21.13	21.17	21.10		
5	1	24		21.32	21.44	21.29		
5	12	0		19.94	20.10	20.10		
5	12	7		20.11	20.12	20.05		
5	12	13		20.09	20.14	20.09		
5	25	0		20.03	20.15	20.08		
5	1	0	16-QAM	20.12	20.14	20.09	17.08	0.0511
5	1	12		20.06	20.14	20.13		
5	1	24		20.34	20.38	20.31		
5	12	0		19.15	19.25	19.19		
5	12	7		19.23	19.21	19.26		
5	12	13		19.25	19.20	19.21		
5	25	0		19.09	19.08	19.11		
5	1	0	64-QAM	20.05	20.09	20.08	16.79	0.0478
5	1	12		19.94	19.93	19.84		
5	1	24		19.92	19.96	19.85		
5	12	0		18.91	19.09	19.00		
5	12	7		19.08	19.18	19.10		
5	12	13		19.09	19.10	19.02		
5	25	0		18.99	19.01	19.07		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	21.19	21.43	21.10	18.13	0.0650
3	1	8		21.09	21.23	21.14		
3	1	14		21.37	21.41	21.29		
3	8	0		20.00	20.09	20.07		
3	8	4		20.12	20.15	20.09		
3	8	7		20.13	20.15	20.16		
3	15	0		20.03	20.08	20.13		
3	1	0	16-QAM	20.15	20.10	20.15	17.06	0.0508
3	1	8		20.07	20.06	20.11		
3	1	14		20.31	20.36	20.32		
3	8	0		19.18	19.19	19.15		
3	8	4		19.22	19.24	19.25		
3	8	7		19.23	19.26	19.27		
3	15	0		19.06	19.18	19.09		
3	1	0	64-QAM	20.11	20.11	20.02	16.81	0.0480
3	1	8		19.92	20.03	19.94		
3	1	14		19.93	19.91	19.88		
3	8	0		18.97	19.04	19.07		
3	8	4		19.10	19.19	19.08		
3	8	7		19.04	19.18	19.04		
3	15	0		18.92	19.07	18.99		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	21.20	21.41	21.09	18.12	0.0649
1.4	1	3		21.07	21.19	21.20		
1.4	1	5		21.37	21.42	21.30		
1.4	3	0		19.94	20.10	20.07		
1.4	3	1		20.15	20.14	20.05		
1.4	3	3		20.11	20.17	20.17		
1.4	6	0		19.99	20.10	20.11		
1.4	1	0	16-QAM	20.10	20.09	20.10	17.05	0.0507
1.4	1	3		20.03	20.16	20.11		
1.4	1	5		20.27	20.35	20.34		
1.4	3	0		19.19	19.19	19.21		
1.4	3	1		19.21	19.29	19.25		
1.4	3	3		19.24	19.21	19.18		
1.4	6	0		19.04	19.13	19.02		
1.4	1	0	64-QAM	20.11	20.09	20.07	16.81	0.0480
1.4	1	3		19.97	19.95	19.84		
1.4	1	5		19.90	19.95	19.93		
1.4	3	0		18.90	19.10	19.05		
1.4	3	1		19.10	19.21	19.08		
1.4	3	3		19.10	19.09	19.04		
1.4	6	0		18.92	19.07	19.07		
Limit	EIRP < 1W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	22.23	22.25	22.22	14.00	0.0251
20	1	49		22.14	22.15	22.10		
20	1	99		22.00	22.09	22.02		
20	50	0		21.06	21.08	21.08		
20	50	24		20.97	21.04	20.98		
20	50	50		20.88	20.98	20.94		
20	100	0		20.72	20.82	20.76		
20	1	0	16-QAM	21.38	21.42	21.32	13.17	0.0207
20	1	49		21.24	21.24	21.15		
20	1	99		21.12	21.13	21.04		
20	50	0		20.16	20.17	20.08		
20	50	24		20.10	20.12	20.09		
20	50	50		20.00	20.04	19.95		
20	100	0		19.90	19.96	19.90		
20	1	0	64-QAM	21.09	21.17	21.08	12.92	0.0196
20	1	49		20.88	20.93	20.86		
20	1	99		20.78	20.80	20.75		
20	50	0		20.00	20.01	19.93		
20	50	24		19.90	20.00	19.94		
20	50	50		19.85	19.95	19.87		
20	100	0		20.03	20.05	19.99		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	22.19	22.15	22.12	13.94	0.0248
15	1	37		22.07	22.08	22.03		
15	1	74		21.91	21.99	21.98		
15	36	0		21.00	20.99	21.06		
15	36	20		20.90	20.95	20.91		
15	36	39		20.80	20.93	20.87		
15	75	0		20.67	20.74	20.73		
15	1	0	16-QAM	21.34	21.35	21.22	13.10	0.0204
15	1	37		21.17	21.14	21.11		
15	1	74		21.10	21.03	20.99		
15	36	0		20.10	20.12	20.06		
15	36	20		20.09	20.05	19.99		
15	36	39		19.98	19.97	19.92		
15	75	0		19.83	19.92	19.81		
15	1	0	64-QAM	20.99	21.08	20.99	12.83	0.0192
15	1	37		20.79	20.83	20.84		
15	1	74		20.69	20.74	20.73		
15	36	0		19.93	20.01	19.87		
15	36	20		19.84	20.00	19.87		
15	36	39		19.76	19.88	19.85		
15	75	0		19.99	20.02	19.98		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.22	22.15	22.18	13.97	0.0249
10	1	25		22.08	22.13	22.03		
10	1	49		21.95	22.03	21.95		
10	25	0		21.05	21.01	21.04		
10	25	12		20.97	20.97	20.95		
10	25	25		20.82	20.92	20.90		
10	50	0		20.71	20.78	20.74		
10	1	0	16-QAM	21.30	21.36	21.28	13.11	0.0205
10	1	25		21.22	21.20	21.10		
10	1	49		21.05	21.10	21.00		
10	25	0		20.08	20.09	19.98		
10	25	12		20.08	20.02	20.01		
10	25	25		19.97	19.97	19.92		
10	50	0		19.80	19.87	19.81		
10	1	0	64-QAM	21.07	21.11	21.00	12.86	0.0193
10	1	25		20.87	20.90	20.84		
10	1	49		20.69	20.79	20.67		
10	25	0		19.90	20.00	19.88		
10	25	12		19.86	19.94	19.88		
10	25	25		19.79	19.94	19.83		
10	50	0		20.00	20.02	19.99		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.23	22.17	22.12	13.98	0.0250
5	1	12		22.12	22.08	22.05		
5	1	24		21.90	22.08	22.01		
5	12	0		20.98	21.04	20.98		
5	12	7		20.93	21.02	20.95		
5	12	13		20.82	20.97	20.94		
5	25	0		20.71	20.82	20.76		
5	1	0	16-QAM	21.37	21.37	21.28	13.12	0.0205
5	1	12		21.22	21.16	21.06		
5	1	24		21.02	21.12	21.01		
5	12	0		20.08	20.13	20.04		
5	12	7		20.06	20.05	20.02		
5	12	13		19.96	20.02	19.85		
5	25	0		19.90	19.90	19.82		
5	1	0	64-QAM	21.07	21.11	21.04	12.86	0.0193
5	1	12		20.80	20.88	20.78		
5	1	24		20.69	20.78	20.71		
5	12	0		19.93	19.95	19.92		
5	12	7		19.85	19.92	19.94		
5	12	13		19.79	19.94	19.85		
5	25	0		20.03	20.01	19.90		
Limit	ERP < 3W			Result			Pass	



Appendix B. Test Results of Radiated Test

LTE Band 71

LTE Band 71 / 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-53.18	-13	-40.18	-63.08	-54.43	0.84	4.23	H
	1992	-44.29	-13	-31.29	-59.18	-44.93	1.13	3.92	H
	2648	-59.35	-13	-46.35	-76.7	-61.38	1.34	5.52	H
									H
									H
									H
									H
	1328	-52.30	-13	-39.30	-62.61	-53.55	0.84	4.23	V
	1992	-40.32	-13	-27.32	-55.53	-40.96	1.13	3.92	V
	2648	-58.49	-13	-45.49	-76.45	-60.52	1.34	5.52	V
									V
									V
									V
									V
Middle	1344	-52.12	-13	-39.12	-61.95	-53.46	0.84	4.33	H
	2016	-42.53	-13	-29.53	-57.62	-43.19	1.14	3.95	H
	2680	-59.34	-13	-46.34	-76.71	-61.39	1.35	5.54	H
									H
									H
									H
									H
	1344	-51.14	-13	-38.14	-61.55	-52.48	0.84	4.33	V
	2016	-48.71	-13	-35.71	-64.12	-49.37	1.14	3.95	V
	2680	-58.31	-13	-45.31	-76.42	-60.36	1.35	5.54	V
									V
									V
									V
									V



LTE Band 71 / 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1360	-58.58	-13	-45.58	-68.6	-60.01	0.85	4.43	H
	2040	-40.89	-13	-27.89	-56.13	-41.61	1.15	4.02	H
	3392	-53.37	-13	-40.37	-73.21	-57.17	1.57	7.52	H
									H
									H
									H
									H
	1360	-57.14	-13	-44.14	-67.53	-58.57	0.85	4.43	V
	2040	-37.57	-13	-24.57	-53.17	-38.29	1.15	4.02	V
	3392	-53.76	-13	-40.76	-73.65	-57.56	1.57	7.52	V
									V
									V
									V
									V

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