



# RADIO TEST REPORT

Report No.: STS2201225W02

Issued for

BLU Products, Inc.

10814 NW 33rd St # 100 Doral, FL 33172, USA

<b>Product Name:</b>	Mobile Phone
<b>Brand Name:</b>	BLU
<b>Model Name:</b>	STUDIO X5
<b>Series Model:</b>	N/A
<b>FCC ID:</b>	YHLBLUSTX5
<b>Test Standard:</b>	47 CFR Part 2, 22, 24(E), 27

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TEST RESULT CERTIFICATION

Applicant's Name.....: BLU Products, Inc.
Address .....: 10814 NW 33rd St # 100 Doral, FL 33172, USA
Manufacturer's Name.....: BLU Products, Inc.
Address .....: 10814 NW 33rd St # 100 Doral, FL 33172, USA

Product Description

Product Name .....: Mobile Phone
Brand Name .....: BLU
Model Name.....: STUDIO X5
Series Model .....: N/A
Test Standards.....: 47 CFR Part 2, 22, 24(E), 27
Test Procedure .....: KDB 971168 D01 v03r01, ANSI C63.26 2015

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.
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Date of Test.....:
Date of receipt of test item.....: 27 Jan. 2022
Date (s) of performance of tests.: 27 Jan. 2022 ~ 28 Mar. 2022
Date of Issue .....: 28 Mar. 2022
Test Result .....: Pass

Testing Engineer : [Signature]
(Chris Chen)

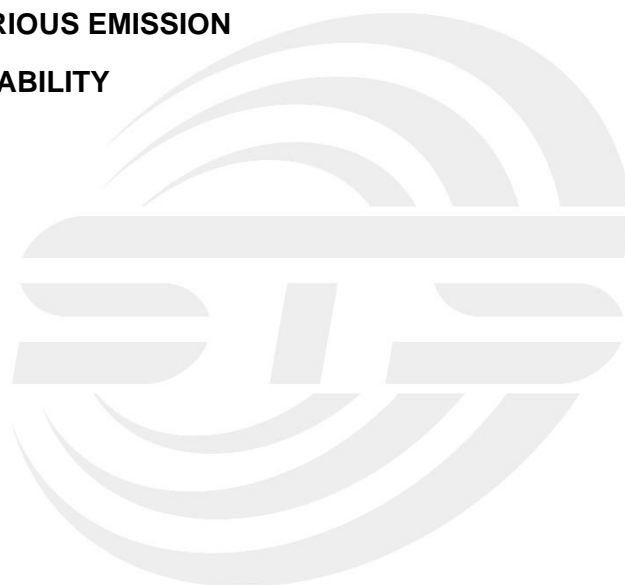
Technical Manager : [Signature]
(Sean she)

Authorized Signatory : [Signature]
(Bovey Yang)





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**Revision History**

Rev.	Issue Date	Report NO.	Effect Page	Contents
00	28 Mar. 2022	STS2201225W02	ALL	Initial Issue





## 1. TEST FACTORY & MEASUREMENT UNCERTAINTY

### 1.1 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add. : A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ, Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01

### 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $y \pm U$ , where expanded uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	RF output power, conducted	$\pm 0.87$ dB
2	Unwanted Emissions, conducted	$\pm 2.895$ dB
3	All emissions, radiated 9K-30MHz	$\pm 3.80$ dB
4	All emissions, radiated 30M-1GHz	$\pm 4.09$ dB
5	All emissions, radiated 1G-6GHz	$\pm 4.92$ dB
6	All emissions, radiated >6G	$\pm 5.49$ dB
7	Conducted Emission (9KHz-30MHz)	$\pm 2.73$ dB



## 2. GENERAL INFORMATION

### 2.1 TECHNICAL SPECIFICATIONS AND REGULATIONS

#### 2.1.1 PRODUCT DESCRIPTION

A major technical description of EUT is described as following:

Product Name	Mobile Phone
Trade Name	BLU
Model Name	STUDIO X5
Series Model	N/A
Model Difference	N/A
Frequency Bands	U.S. Bands: LTE FDD Band 2      LTE FDD Band 4 LTE FDD Band 5      LTE FDD Band 7 LTE FDD Band 12     LTE FDD Band 17 LTE FDD Band 66
SIM Card	SIM 1 and SIM 2 is a chipset unit and tested as single chipset, SIM 1 is used to tested.
Antenna	PIFA
Antenna gain	LTE B2: 0.35dBi, LTE B4/B66: 0.36dBi, LTE B5: -0.05dBi, LTE B7: 0.32dBi, LTE B12/B17: -0.21dBi
Battery parameter	Rated Voltage:3.7V Charge Limit Voltage:4.2V Capacity: 2000mAh
Adapter	Input: AC 100-240V, 50/60Hz, 0.2A Output: DC 5V, 750mAh
Extreme Vol. Limits	4.07V to 3.33V (Nominal 3.7V)
Extreme Temp. Tolerance	-30°C to +50°C
Hardware version number	HCT-M896MB-A2
Software version number	Bom3-cts-go-Blu-Latin_V1_S01_20220105_user_20220105_tem p

Note: The antenna information refer the manufacturer provide report, applicable only to the tested sa-mple identified in the report.



## 2.1.2 PRODUCT SPECIFICATION SUBJECTIVE TO THIS STANDARD

Product Specification Subjective To This Standard	
Tx Frequency	LTE Band 2:1850~1910MHz LTE Band 4:1710~1755MHz LTE Band 5:824~849MHz LTE Band 7:2500~2570MHz LTE Band 12:699~716MHz LTE Band 17:704~716MHz LTE Band 66:1710~1780MHz
Rx Frequency	LTE Band 2:1930 ~1990MHz LTE Band 4:2110~2155MHz LTE Band 5:869~894MHz LTE Band 7:2620~2690MHz LTE Band 12:729~746MHz LTE Band 17:734~746MHz LTE Band 66:2110~2200MHz
Bandwidth	LTE Band 2: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz /20MHz LTE Band 5: 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 7: 5MHz / 10MHz / 15MHz /20MHz LTE Band 12: 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 17: 5MHz / 10MHz LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz /20MHz
Maximum Output Power	LTE Band 2: 22.29 dBm LTE Band 4: 23.10 dBm LTE Band 5: 23.68 dBm LTE Band 7: 22.49 dBm LTE Band 12: 22.00 dBm LTE Band 17: 20.87 dBm LTE Band 66: 21.36 dBm
Type of Modulation	QPSK /16QAM



2.1.3 EMISSION DESIGNATOR

LTE Band 2	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M68G7D	2M68W7D
5	4M53G7D	4M54W7D
10	8M95G7D	8M95W7D
15	13M5G7D	13M5W7D
20	18M0G7D	18M0W7D
LTE Band 4	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M68G7D	2M68W7D
5	4M53G7D	4M53W7D
10	8M95G7D	8M95W7D
15	13M5G7D	13M5W7D
20	17M9G7D	18M0W7D
LTE Band 5	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M68G7D	2M67W7D
5	4M53G7D	4M53W7D
10	8M96G7D	8M95W7D
LTE Band 7	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M54G7D	4M55W7D
10	8M97G7D	8M96W7D
15	13M5G7D	13M5W7D
20	17M9G7D	18M0W7D
LTE Band 12	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M68G7D	2M68W7D
5	4M52G7D	4M54W7D
10	8M97G7D	8M96W7D
LTE Band 17	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M53G7D	4M54W7D
10	8M97G7D	8M96W7D
LTE Band 66	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M68G7D	2M68W7D
5	4M52G7D	4M51W7D
10	8M95G7D	8M94W7D
15	13M5G7D	13M5W7D
20	17M9G7D	17M9W7D





2.1.4 TEST CONFIGURATION OF EQUIPMENT UNDER TEST

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 v03r01 and ANSI C63.26 2015 Power Meas. License Digital Systems with maximum output power. Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission.

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.

ITEMS	Band	Bandwidth (MHz)						Modulation		RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	1	Half	Full	L	M	H
Max. Output Power	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v			v	v	v	v	v	v	v	v
	7			v	v	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v			v	v	v	v	v	v	v	v
	17			v	v			v	v	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak&Avera Ratio	2						v	v	v	v		v	v	v	v
	4						v	v	v	v		v	v	v	v
	5				v			v	v	v		v	v	v	v
	7						v	v	v	v		v	v	v	v
	12				v			v	v	v		v	v	v	v
	17				v			v	v	v		v	v	v	v
	66						v	v	v	v		v	v	v	v
26dB&99% Bandwidth	2	v	v	v	v	v	v	v	v			v	v	v	v
	4	v	v	v	v	v	v	v	v			v	v	v	v
	5	v	v	v	v			v	v			v	v	v	v
	7			v	v	v	v	v	v			v	v	v	v
	12	v	v	v	v			v	v			v	v	v	v
	17			v	v			v	v			v	v	v	v
	66	v	v	v	v	v	v	v	v			v	v	v	v
Conducted Band Edge	2	v	v	v	v	v	v	v	v	v		v	v	v	v
	4	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
	7			v	v	v	v	v	v	v		v	v	v	v
	12	v	v	v	v			v	v	v		v	v	v	v
	17			v	v			v	v	v		v	v	v	v
	66	v	v	v	v	v	v	v	v	v		v	v	v	v
Conducted Spurious Emission	2	v	v	v	v	v	v	v	v	v			v	v	v
	4	v	v	v	v	v	v	v	v	v			v	v	v
	5	v	v	v	v			v	v	v			v	v	v



	7			v	v	v	v	v	v	v			v	v	v
	12	v	v	v	v			v	v	v			v	v	v
	17			v	v			v	v	v			v	v	v
	66	v	v	v	v	v	v	v	v	v			v	v	v
Frequency Stability	2				v			v					v		v
	4				v			v					v		v
	5				v			v					v		v
	7				v			v					v		v
	12				v			v					v		v
	17				v			v					v		v
	66				v			v					v		v
E.R.P.& E.I.R.P.	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v			v	v	v	v	v	v	v	v
	7			v	v	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v			v	v	v	v	v	v	v	v
	17			v	v			v	v	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	2	v	v	v	v	v	v	v		v			v	v	v
	4	v	v	v	v	v	v	v		v			v	v	v
	5	v	v	v	v			v		v			v	v	v
	7			v	v	v	v	v		v			v	v	v
	12	v	v	v	v			v		v			v	v	v
	17			v	v			v		v			v	v	v
	66	v	v	v	v	v	v	v		v			v	v	v



#### 2.1.5 RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for filing to comply with the 47 CFR Part 2, 22, 24(E), 27.

#### 2.1.6 SPECIAL ACCESSORIES

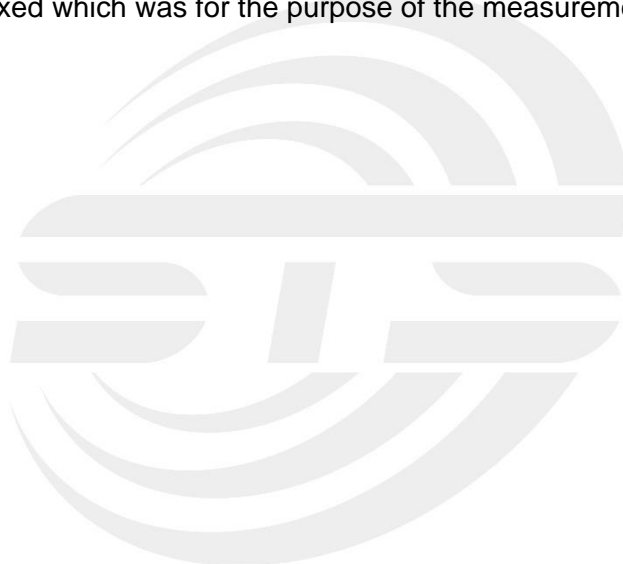
The battery and the charger, earphone supplied by the applicant were used as accessories and being tested with eut intended for fcc grant together.

#### 2.1.7 EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

#### 2.1.8 EUT EXERCISE

The Transmitter was operated in the maximum output power mode through Communication Tester. The TX frequency was fixed which was for the purpose of the measurements.





### 2.1.9 CONFIGURATION OF EUT SYSTEM

The EUT configuration for testing is installed on RF field strength measurement to meet the Commission’s requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

E-1  
EUT

Table 2-1 Equipment Used in EUT System

Item	Equipment	Model No.	Length	Note
N/A	N/A	N/A	N/A	N/A

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (2) “YES” is means “with core”; “NO” is means “without core”.



2.1.10 MEASUREMENT INSTRUMENTS

The radiated emission testing was performed according to the procedures of ANSI C63.26 2015 and FCC CFR 47 rules of 2.1046, 2.1047, 2.1049, 2.1051, 2.1053, 2.1055, 2.1057.

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Test Receiver	R&S	ESCI	101427	2021.09.30	2022.09.29
Signal Analyzer	R&S	FSV 40-N	101823	2021.09.30	2022.09.29
Signal Generator	Agilent	83752A	3610A02740	2021.09.30	2022.09.29
Wireless Communications Test Set	R&S	CMW 500	131428	2022.03.01	2023.02.28
Bilog Antenna	TESEQ	CBL6111D	34678	2020.10.12	2022.10.11
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2021.10.11	2023.10.10
Bilog Antenna	TESEQ	CBL6111D	45873	2020.10.12	2022.10.11
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1343	2020.10.12	2022.10.11
SHF-EHF Horn Antenna (18G-40GHz)	A-INFO	LB-180400-KF	J211020657	2020.10.12	2022.10.11
Pre-Amplifier (0.1M-3GHz)	EM	EM330	060665	2021.10.08	2022.10.07
Pre-Amplifier (1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2021.09.30	2022.09.29
Pre-Amplifier (18G-40GHz)	SKET	LNPA-1840-50	SK2018101801	2021.09.28	2022.09.27
Turn table	EM	SC100_1	60531	N/A	N/A
Antenna mast	EM	SC100	N/A	N/A	N/A
Temperature & Humidity	HH660	Mieo	N/A	2021.10.09	2022.10.08
Test SW	BULUN	BL410-E/18.905			

RF Connected Test

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Universal Radio communication tester	R&S	CMU200	119907	2021.09.29	2022.09.28
Wireless Communications Test Set	R&S	CMW 500	131428	2022.03.01	2023.02.28
Signal Analyzer	Agilent	N9020A	MY52440124	2022.03.01	2023.02.28
Temperature & Humidity test chamber	Safety test	AG80L	171200018	2022.03.01	2023.02.28
Programmable power supply	Agilent	E3642A	MY40002025	2021.10.08	2022.10.07
Temperature & Humidity	SW-108	SuWei	N/A	2022.03.02	2023.03.01
Test SW	FARAD	LZ-RF /LzRf-3A3			



### 2.1.11 MEASUREMENT RESULTS EXPLANATION EXAMPLE

For all conducted test items:

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

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

*Offset = RF Cable Loss + Attenuator Factor.*



### 3. CONDUCTED OUTPUT POWER&RADIATED POWER AND EFFECTIVE ISOTROPIC RADIATED POWER

#### 3.1 DESCRIPTION OF THE CONDUCTED OUTPUT POWER MEASUREMENT

##### 3.1.1 MEASUREMENT METHOD

###### CONDUCTED OUTPUT POWER:

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.

Configuration follows KDB 971168 D01 v03r01.

C63.26 2015 Section 5.2.5.5.

In many cases, RF output power limits are specified in terms of the ERP or the EIRP. Typically, ERP is specified when the operating frequency is less than or equal to 1 GHz and EIRP is specified when the operating frequency is greater than 1 GHz. Both are defined as the product of the power supplied to the antenna and its gain (relative to a dipole antenna in the case of ERP, and relative to an isotropic antenna in the case of EIRP); however, when working in decibels (i.e., logarithmic scale), the ERP and EIRP represent the sum of the transmit antenna gain (in dBd or dBi, respectively) and the conducted RF output power (expressed in dB relative to watts or milliwatts). The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation (1) as follows:

(1) ERP or EIRP = P<sub>Meas</sub> + GT

$$\text{ERP} = \text{EIRP} - 2.15$$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P<sub>Meas</sub>, e.g., dBm or dBW)

P<sub>Meas</sub> measured transmitter output power or PSD, in dBm or dBW

GT gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

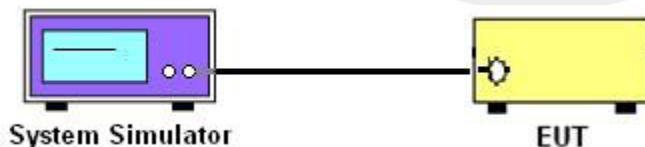
For devices utilizing multiple antennas, see 6.4 for guidance with respect to determining the effective array transmit antenna gain term to be used in the above equation.

The following equations demonstrate the mathematical relationship between ERP and EIRP:

a) ERP = EIRP - 2.15, where ERP and EIRP are expressed in consistent units.

b) EIRP = ERP + 2.15, where ERP and EIRP are expressed in consistent units.

##### 3.1.2 TEST SETUP



##### 3.1.3 TEST PROCEDURES

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



3.1.4 TEST RESULTS

Radiated Power (EIRP) for LTE Band 2 /1.4M											
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict	
1.4	Lowest	1	0	QPSK	21.52	0.35	21.87	2.00	33.01	PASS	
		1	2		21.43	0.35	21.78	2.00	33.01	PASS	
		1	5		21.34	0.35	21.69	2.00	33.01	PASS	
		3	0		21.27	0.35	21.62	2.00	33.01	PASS	
		3	1		21.25	0.35	21.60	2.00	33.01	PASS	
		3	2		21.10	0.35	21.45	2.00	33.01	PASS	
		6	0	20.99	0.35	21.34	2.00	33.01	PASS		
		1	0	16QAM	21.48	0.35	21.83	2.00	33.01	PASS	
		1	2		21.31	0.35	21.66	2.00	33.01	PASS	
		1	5		21.24	0.35	21.59	2.00	33.01	PASS	
		3	0		21.20	0.35	21.55	2.00	33.01	PASS	
		3	1		21.22	0.35	21.57	2.00	33.01	PASS	
	3	2	21.07		0.35	21.42	2.00	33.01	PASS		
	6	0	20.87	0.35	21.22	2.00	33.01	PASS			
	1	Middle	1	0	QPSK	21.86	0.35	22.21	2.00	33.01	PASS
	1		2	21.77		0.35	22.12	2.00	33.01	PASS	
	1		5	21.59		0.35	21.94	2.00	33.01	PASS	
	3		0	21.42		0.35	21.77	2.00	33.01	PASS	
	3		1	21.38		0.35	21.73	2.00	33.01	PASS	
	3		2	21.29		0.35	21.64	2.00	33.01	PASS	
	6		0	21.10	0.35	21.45	2.00	33.01	PASS		
	1		0	16QAM	21.77	0.35	22.12	2.00	33.01	PASS	
	1		2		21.59	0.35	21.94	2.00	33.01	PASS	
	1		5		21.49	0.35	21.84	2.00	33.01	PASS	
	3		0		21.40	0.35	21.75	2.00	33.01	PASS	
	3		1		21.34	0.35	21.69	2.00	33.01	PASS	
	3	2	21.22		0.35	21.57	2.00	33.01	PASS		
	6	0	20.96	0.35	21.31	2.00	33.01	PASS			
	1	Highest	1	0	QPSK	21.47	0.35	21.82	2.00	33.01	PASS
	1		2	21.39		0.35	21.74	2.00	33.01	PASS	
	1		5	21.28		0.35	21.63	2.00	33.01	PASS	
	3		0	21.20		0.35	21.55	2.00	33.01	PASS	
	3		1	21.15		0.35	21.50	2.00	33.01	PASS	
	3		2	21.02		0.35	21.37	2.00	33.01	PASS	
	6		0	20.93	0.35	21.28	2.00	33.01	PASS		
	1		0	16QAM	21.38	0.35	21.73	2.00	33.01	PASS	
1	2		21.36		0.35	21.71	2.00	33.01	PASS		
1	5		21.23		0.35	21.58	2.00	33.01	PASS		
3	0		21.17		0.35	21.52	2.00	33.01	PASS		
3	1		21.00		0.35	21.35	2.00	33.01	PASS		
3	2	20.83	0.35		21.18	2.00	33.01	PASS			
6	0	20.80	0.35	21.15	2.00	33.01	PASS				





Radiated Power (EIRP) for LTE Band 2 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	21.71	0.35	22.06	2.00	33.01	PASS
		1	7		21.66	0.35	22.01	2.00	33.01	PASS
		1	14		21.56	0.35	21.91	2.00	33.01	PASS
		8	0		21.40	0.35	21.75	2.00	33.01	PASS
		8	4		21.38	0.35	21.73	2.00	33.01	PASS
		8	7		21.18	0.35	21.53	2.00	33.01	PASS
		15	0		21.01	0.35	21.36	2.00	33.01	PASS
		1	0	16QAM	21.56	0.35	21.91	2.00	33.01	PASS
		1	7		21.50	0.35	21.85	2.00	33.01	PASS
		1	14		21.54	0.35	21.89	2.00	33.01	PASS
		8	0		21.40	0.35	21.75	2.00	33.01	PASS
		8	4		21.23	0.35	21.58	2.00	33.01	PASS
		8	7		21.03	0.35	21.38	2.00	33.01	PASS
		15	0		20.96	0.35	21.31	2.00	33.01	PASS
		Middle	QPSK	1	0	21.53	0.35	21.88	2.00	33.01
	1			7	21.44	0.35	21.79	2.00	33.01	PASS
	1			14	21.42	0.35	21.77	2.00	33.01	PASS
	8			0	21.33	0.35	21.68	2.00	33.01	PASS
	8			4	21.20	0.35	21.55	2.00	33.01	PASS
	8			7	21.06	0.35	21.41	2.00	33.01	PASS
	15			0	20.93	0.35	21.28	2.00	33.01	PASS
	16QAM		1	0	21.41	0.35	21.76	2.00	33.01	PASS
			1	7	21.42	0.35	21.77	2.00	33.01	PASS
			1	14	21.27	0.35	21.62	2.00	33.01	PASS
			8	0	21.20	0.35	21.55	2.00	33.01	PASS
			8	4	21.09	0.35	21.44	2.00	33.01	PASS
			8	7	20.92	0.35	21.27	2.00	33.01	PASS
			15	0	20.83	0.35	21.18	2.00	33.01	PASS
			Highest	QPSK	1	0	21.74	0.35	22.09	2.00
	1	7			21.54	0.35	21.89	2.00	33.01	PASS
	1	14			21.41	0.35	21.76	2.00	33.01	PASS
	8	0			21.28	0.35	21.63	2.00	33.01	PASS
	8	4			21.11	0.35	21.46	2.00	33.01	PASS
	8	7			20.98	0.35	21.33	2.00	33.01	PASS
	15	0			20.83	0.35	21.18	2.00	33.01	PASS
	16QAM	1		0	21.69	0.35	22.04	2.00	33.01	PASS
1		7		21.43	0.35	21.78	2.00	33.01	PASS	
1		14		21.24	0.35	21.59	2.00	33.01	PASS	
8		0		21.20	0.35	21.55	2.00	33.01	PASS	
8		4		20.94	0.35	21.29	2.00	33.01	PASS	
8		7		20.83	0.35	21.18	2.00	33.01	PASS	
15		0		20.64	0.35	20.99	2.00	33.01	PASS	



Radiated Power (EIRP) for LTE Band 2 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	21.83	0.35	22.18	2.00	33.01	PASS
		1	12		21.78	0.35	22.13	2.00	33.01	PASS
		1	24		21.73	0.35	22.08	2.00	33.01	PASS
		12	0		21.62	0.35	21.97	2.00	33.01	PASS
		12	6		21.54	0.35	21.89	2.00	33.01	PASS
		12	11		21.38	0.35	21.73	2.00	33.01	PASS
		25	0		21.20	0.35	21.55	2.00	33.01	PASS
		1	0	16QAM	21.83	0.35	22.18	2.00	33.01	PASS
		1	12		21.67	0.35	22.02	2.00	33.01	PASS
		1	24		21.60	0.35	21.95	2.00	33.01	PASS
		12	0		21.52	0.35	21.87	2.00	33.01	PASS
		12	6		21.43	0.35	21.78	2.00	33.01	PASS
		12	11		21.23	0.35	21.58	2.00	33.01	PASS
		25	0		21.06	0.35	21.41	2.00	33.01	PASS
	Middle	QPSK	1	0	21.47	0.35	21.82	2.00	33.01	PASS
			1	12	21.31	0.35	21.66	2.00	33.01	PASS
			1	24	21.18	0.35	21.53	2.00	33.01	PASS
			12	0	21.12	0.35	21.47	2.00	33.01	PASS
			12	6	21.03	0.35	21.38	2.00	33.01	PASS
			12	11	21.00	0.35	21.35	2.00	33.01	PASS
			25	0	20.81	0.35	21.16	2.00	33.01	PASS
		16QAM	1	0	21.45	0.35	21.80	2.00	33.01	PASS
			1	12	21.26	0.35	21.61	2.00	33.01	PASS
			1	24	21.15	0.35	21.50	2.00	33.01	PASS
			12	0	20.99	0.35	21.34	2.00	33.01	PASS
			12	6	20.99	0.35	21.34	2.00	33.01	PASS
			12	11	20.84	0.35	21.19	2.00	33.01	PASS
			25	0	20.77	0.35	21.12	2.00	33.01	PASS
	Highest	QPSK	1	0	21.78	0.35	22.13	2.00	33.01	PASS
			1	12	21.71	0.35	22.06	2.00	33.01	PASS
			1	24	21.71	0.35	22.06	2.00	33.01	PASS
			12	0	21.70	0.35	22.05	2.00	33.01	PASS
			12	6	21.57	0.35	21.92	2.00	33.01	PASS
			12	11	21.50	0.35	21.85	2.00	33.01	PASS
			25	0	21.33	0.35	21.68	2.00	33.01	PASS
		16QAM	1	0	21.71	0.35	22.06	2.00	33.01	PASS
1			12	21.66	0.35	22.01	2.00	33.01	PASS	
1			24	21.57	0.35	21.92	2.00	33.01	PASS	
12			0	21.51	0.35	21.86	2.00	33.01	PASS	
12			6	21.52	0.35	21.87	2.00	33.01	PASS	
12			11	21.50	0.35	21.85	2.00	33.01	PASS	
25			0	21.29	0.35	21.64	2.00	33.01	PASS	



Radiated Power (EIRP) for LTE Band 2 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	21.77	0.35	22.12	2.00	33.01	PASS
		1	24		21.73	0.35	22.08	2.00	33.01	PASS
		1	49		21.55	0.35	21.90	2.00	33.01	PASS
		25	0		21.38	0.35	21.73	2.00	33.01	PASS
		25	12		21.30	0.35	21.65	2.00	33.01	PASS
		25	24		21.15	0.35	21.50	2.00	33.01	PASS
		50	0		21.02	0.35	21.37	2.00	33.01	PASS
		1	0	16QAM	21.64	0.35	21.99	2.00	33.01	PASS
		1	24		21.73	0.35	22.08	2.00	33.01	PASS
		1	49		21.39	0.35	21.74	2.00	33.01	PASS
		25	0		21.34	0.35	21.69	2.00	33.01	PASS
		25	12		21.12	0.35	21.47	2.00	33.01	PASS
		25	24		20.99	0.35	21.34	2.00	33.01	PASS
		50	0		20.85	0.35	21.20	2.00	33.01	PASS
	Middle	1	0	QPSK	21.98	0.35	22.33	2.00	33.01	PASS
		1	24		21.85	0.35	22.20	2.00	33.01	PASS
		1	49		21.79	0.35	22.14	2.00	33.01	PASS
		25	0		21.73	0.35	22.08	2.00	33.01	PASS
		25	12		21.53	0.35	21.88	2.00	33.01	PASS
		25	24		21.39	0.35	21.74	2.00	33.01	PASS
		50	0		21.30	0.35	21.65	2.00	33.01	PASS
		1	0	16QAM	21.91	0.35	22.26	2.00	33.01	PASS
		1	24		21.77	0.35	22.12	2.00	33.01	PASS
		1	49		21.66	0.35	22.01	2.00	33.01	PASS
		25	0		21.72	0.35	22.07	2.00	33.01	PASS
		25	12		21.43	0.35	21.78	2.00	33.01	PASS
		25	24		21.23	0.35	21.58	2.00	33.01	PASS
		50	0		21.22	0.35	21.57	2.00	33.01	PASS
	Highest	1	0	QPSK	21.90	0.35	22.25	2.00	33.01	PASS
		1	24		21.85	0.35	22.20	2.00	33.01	PASS
		1	49		21.66	0.35	22.01	2.00	33.01	PASS
		25	0		21.63	0.35	21.98	2.00	33.01	PASS
		25	12		21.56	0.35	21.91	2.00	33.01	PASS
		25	24		21.56	0.35	21.91	2.00	33.01	PASS
		50	0		21.37	0.35	21.72	2.00	33.01	PASS
		1	0	16QAM	21.73	0.35	22.08	2.00	33.01	PASS
1		24	21.78		0.35	22.13	2.00	33.01	PASS	
1		49	21.61		0.35	21.96	2.00	33.01	PASS	
25		0	21.62		0.35	21.97	2.00	33.01	PASS	
25		12	21.50		0.35	21.85	2.00	33.01	PASS	
25		24	21.38		0.35	21.73	2.00	33.01	PASS	
50		0	21.18		0.35	21.53	2.00	33.01	PASS	



Radiated Power (EIRP) for LTE Band 2 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	22.11	0.35	22.46	2.00	33.01	PASS
		1	37		22.03	0.35	22.38	2.00	33.01	PASS
		1	74		21.96	0.35	22.31	2.00	33.01	PASS
		36	0		21.91	0.35	22.26	2.00	33.01	PASS
		36	18		21.90	0.35	22.25	2.00	33.01	PASS
		36	39		21.76	0.35	22.11	2.00	33.01	PASS
		75	0		21.75	0.35	22.10	2.00	33.01	PASS
		1	0	16QAM	22.09	0.35	22.44	2.00	33.01	PASS
		1	37		21.98	0.35	22.33	2.00	33.01	PASS
		1	74		21.89	0.35	22.24	2.00	33.01	PASS
		36	0		21.87	0.35	22.22	2.00	33.01	PASS
		36	18		21.81	0.35	22.16	2.00	33.01	PASS
		36	39		21.71	0.35	22.06	2.00	33.01	PASS
		75	0		21.74	0.35	22.09	2.00	33.01	PASS
	Middle	1	0	QPSK	22.14	0.35	22.49	2.00	33.01	PASS
		1	37		22.04	0.35	22.39	2.00	33.01	PASS
		1	74		21.87	0.35	22.22	2.00	33.01	PASS
		36	0		21.80	0.35	22.15	2.00	33.01	PASS
		36	18		21.74	0.35	22.09	2.00	33.01	PASS
		36	39		21.72	0.35	22.07	2.00	33.01	PASS
		75	0		21.55	0.35	21.90	2.00	33.01	PASS
		1	0	16QAM	21.96	0.35	22.31	2.00	33.01	PASS
		1	37		21.94	0.35	22.29	2.00	33.01	PASS
		1	74		21.82	0.35	22.17	2.00	33.01	PASS
		36	0		21.62	0.35	21.97	2.00	33.01	PASS
		36	18		21.67	0.35	22.02	2.00	33.01	PASS
		36	39		21.66	0.35	22.01	2.00	33.01	PASS
		75	0		21.38	0.35	21.73	2.00	33.01	PASS
	Highest	1	0	QPSK	22.17	0.35	22.52	2.00	33.01	PASS
		1	37		22.06	0.35	22.41	2.00	33.01	PASS
		1	74		21.89	0.35	22.24	2.00	33.01	PASS
		36	0		21.87	0.35	22.22	2.00	33.01	PASS
		36	18		21.72	0.35	22.07	2.00	33.01	PASS
		36	39		21.70	0.35	22.05	2.00	33.01	PASS
		75	0		21.63	0.35	21.98	2.00	33.01	PASS
		1	0	16QAM	22.16	0.35	22.51	2.00	33.01	PASS
		1	37		21.94	0.35	22.29	2.00	33.01	PASS
		1	74		21.88	0.35	22.23	2.00	33.01	PASS
		36	0		21.79	0.35	22.14	2.00	33.01	PASS
		36	18		21.67	0.35	22.02	2.00	33.01	PASS
		36	39		21.52	0.35	21.87	2.00	33.01	PASS
		75	0		21.47	0.35	21.82	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 2 /20M											
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict	
20	Lowest	1	0	QPSK	22.29	0.35	22.64	2.00	33.01	PASS	
		1	49		22.24	0.35	22.59	2.00	33.01	PASS	
		1	99		22.17	0.35	22.52	2.00	33.01	PASS	
		50	0		21.99	0.35	22.34	2.00	33.01	PASS	
		50	24		21.92	0.35	22.27	2.00	33.01	PASS	
		50	49		21.77	0.35	22.12	2.00	33.01	PASS	
		100	0	21.72	0.35	22.07	2.00	33.01	PASS		
		1	0	16QAM	22.20	0.35	22.55	2.00	33.01	PASS	
		1	49		22.23	0.35	22.58	2.00	33.01	PASS	
		1	99		22.09	0.35	22.44	2.00	33.01	PASS	
		50	0		21.90	0.35	22.25	2.00	33.01	PASS	
		50	24		21.86	0.35	22.21	2.00	33.01	PASS	
		50	49		21.76	0.35	22.11	2.00	33.01	PASS	
		100	0	21.66	0.35	22.01	2.00	33.01	PASS		
		Middle	QPSK	1	0	22.19	0.35	22.54	2.00	33.01	PASS
				1	49	22.16	0.35	22.51	2.00	33.01	PASS
				1	99	22.11	0.35	22.46	2.00	33.01	PASS
				50	0	22.05	0.35	22.40	2.00	33.01	PASS
	50			24	21.97	0.35	22.32	2.00	33.01	PASS	
	50			49	21.79	0.35	22.14	2.00	33.01	PASS	
	100		0	21.76	0.35	22.11	2.00	33.01	PASS		
	16QAM		1	0	22.09	0.35	22.44	2.00	33.01	PASS	
			1	49	22.03	0.35	22.38	2.00	33.01	PASS	
			1	99	21.98	0.35	22.33	2.00	33.01	PASS	
			50	0	22.01	0.35	22.36	2.00	33.01	PASS	
			50	24	21.80	0.35	22.15	2.00	33.01	PASS	
			50	49	21.62	0.35	21.97	2.00	33.01	PASS	
	100		0	21.58	0.35	21.93	2.00	33.01	PASS		
	Highest		QPSK	1	0	22.18	0.35	22.53	2.00	33.01	PASS
				1	49	22.12	0.35	22.47	2.00	33.01	PASS
				1	99	22.10	0.35	22.45	2.00	33.01	PASS
				50	0	22.07	0.35	22.42	2.00	33.01	PASS
		50		24	22.07	0.35	22.42	2.00	33.01	PASS	
		50		49	22.05	0.35	22.40	2.00	33.01	PASS	
		100	0	21.92	0.35	22.27	2.00	33.01	PASS		
		16QAM	1	0	22.15	0.35	22.50	2.00	33.01	PASS	
1			49	21.98	0.35	22.33	2.00	33.01	PASS		
1			99	22.04	0.35	22.39	2.00	33.01	PASS		
50			0	22.05	0.35	22.40	2.00	33.01	PASS		
50			24	21.99	0.35	22.34	2.00	33.01	PASS		
50			49	21.96	0.35	22.31	2.00	33.01	PASS		
100		0	21.73	0.35	22.08	2.00	33.01	PASS			



Radiated Power (EIRP) for LTE Band 4 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	22.48	0.36	22.84	1.00	30.00	PASS
		1	2		22.46	0.36	22.82	1.00	30.00	PASS
		1	5		22.27	0.36	22.63	1.00	30.00	PASS
		3	0		22.08	0.36	22.44	1.00	30.00	PASS
		3	1		21.88	0.36	22.24	1.00	30.00	PASS
		3	2		21.69	0.36	22.05	1.00	30.00	PASS
		6	0		21.59	0.36	21.95	1.00	30.00	PASS
		1	0	16QAM	22.38	0.36	22.74	1.00	30.00	PASS
		1	2		22.33	0.36	22.69	1.00	30.00	PASS
		1	5		22.26	0.36	22.62	1.00	30.00	PASS
		3	0		22.05	0.36	22.41	1.00	30.00	PASS
		3	1		21.75	0.36	22.11	1.00	30.00	PASS
		3	2		21.66	0.36	22.02	1.00	30.00	PASS
		6	0		21.57	0.36	21.93	1.00	30.00	PASS
	Middle	1	0	QPSK	22.41	0.36	22.77	1.00	30.00	PASS
		1	2		22.25	0.36	22.61	1.00	30.00	PASS
		1	5		22.05	0.36	22.41	1.00	30.00	PASS
		3	0		21.97	0.36	22.33	1.00	30.00	PASS
		3	1		21.92	0.36	22.28	1.00	30.00	PASS
		3	2		21.92	0.36	22.28	1.00	30.00	PASS
		6	0		21.74	0.36	22.10	1.00	30.00	PASS
		1	0	16QAM	22.33	0.36	22.69	1.00	30.00	PASS
		1	2		22.20	0.36	22.56	1.00	30.00	PASS
		1	5		22.05	0.36	22.41	1.00	30.00	PASS
		3	0		21.78	0.36	22.14	1.00	30.00	PASS
		3	1		21.73	0.36	22.09	1.00	30.00	PASS
		3	2		21.81	0.36	22.17	1.00	30.00	PASS
		6	0		21.58	0.36	21.94	1.00	30.00	PASS
	Highest	1	0	QPSK	22.44	0.36	22.80	1.00	30.00	PASS
		1	2		22.36	0.36	22.72	1.00	30.00	PASS
		1	5		22.33	0.36	22.69	1.00	30.00	PASS
		3	0		22.28	0.36	22.64	1.00	30.00	PASS
		3	1		22.16	0.36	22.52	1.00	30.00	PASS
		3	2		22.06	0.36	22.42	1.00	30.00	PASS
		6	0		22.03	0.36	22.39	1.00	30.00	PASS
		1	0	16QAM	22.40	0.36	22.76	1.00	30.00	PASS
1		2	22.21		0.36	22.57	1.00	30.00	PASS	
1		5	22.21		0.36	22.57	1.00	30.00	PASS	
3		0	22.17		0.36	22.53	1.00	30.00	PASS	
3		1	22.14		0.36	22.50	1.00	30.00	PASS	
3		2	21.88		0.36	22.24	1.00	30.00	PASS	
6		0	21.84		0.36	22.20	1.00	30.00	PASS	



Radiated Power (EIRP) for LTE Band 4 /3M											
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict	
3	Lowest	1	0	QPSK	22.69	0.36	23.05	1.00	30.00	PASS	
		1	7		22.65	0.36	23.01	1.00	30.00	PASS	
		1	14		22.53	0.36	22.89	1.00	30.00	PASS	
		8	0		22.40	0.36	22.76	1.00	30.00	PASS	
		8	4		22.30	0.36	22.66	1.00	30.00	PASS	
		8	7		22.26	0.36	22.62	1.00	30.00	PASS	
		15	0	22.08	0.36	22.44	1.00	30.00	PASS		
		1	0	22.51	0.36	22.87	1.00	30.00	PASS		
		1	7	22.55	0.36	22.91	1.00	30.00	PASS		
		1	14	22.42	0.36	22.78	1.00	30.00	PASS		
		8	0	22.34	0.36	22.70	1.00	30.00	PASS		
		8	4	22.26	0.36	22.62	1.00	30.00	PASS		
		8	7	22.18	0.36	22.54	1.00	30.00	PASS		
		15	0	22.02	0.36	22.38	1.00	30.00	PASS		
		1	0	22.27	0.36	22.63	1.00	30.00	PASS		
	Middle	1	7	QPSK	22.14	0.36	22.50	1.00	30.00	PASS	
		1	14		22.11	0.36	22.47	1.00	30.00	PASS	
		8	0		21.99	0.36	22.35	1.00	30.00	PASS	
		8	4		21.81	0.36	22.17	1.00	30.00	PASS	
		8	7		21.69	0.36	22.05	1.00	30.00	PASS	
		15	0		21.63	0.36	21.99	1.00	30.00	PASS	
		1	0	22.11	0.36	22.47	1.00	30.00	PASS		
		1	7	22.05	0.36	22.41	1.00	30.00	PASS		
		1	14	22.02	0.36	22.38	1.00	30.00	PASS		
		8	0	21.96	0.36	22.32	1.00	30.00	PASS		
		8	4	21.80	0.36	22.16	1.00	30.00	PASS		
		8	7	21.49	0.36	21.85	1.00	30.00	PASS		
		15	0	21.56	0.36	21.92	1.00	30.00	PASS		
		Highest	1	0	QPSK	22.18	0.36	22.54	1.00	30.00	PASS
			1	7		22.10	0.36	22.46	1.00	30.00	PASS
	1		14	22.08		0.36	22.44	1.00	30.00	PASS	
	8		0	21.90		0.36	22.26	1.00	30.00	PASS	
	8		4	21.78		0.36	22.14	1.00	30.00	PASS	
	8		7	21.62		0.36	21.98	1.00	30.00	PASS	
	15		0	21.52	0.36	21.88	1.00	30.00	PASS		
	1		0	22.16	0.36	22.52	1.00	30.00	PASS		
1	7		22.00	0.36	22.36	1.00	30.00	PASS			
1	14		22.06	0.36	22.42	1.00	30.00	PASS			
8	0		21.88	0.36	22.24	1.00	30.00	PASS			
8	4		21.60	0.36	21.96	1.00	30.00	PASS			
8	7		21.47	0.36	21.83	1.00	30.00	PASS			
15	0		21.37	0.36	21.73	1.00	30.00	PASS			



Radiated Power (EIRP) for LTE Band 4 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	22.28	0.36	22.64	1.00	30.00	PASS
		1	12		22.25	0.36	22.61	1.00	30.00	PASS
		1	24		22.21	0.36	22.57	1.00	30.00	PASS
		12	0		22.08	0.36	22.44	1.00	30.00	PASS
		12	6		21.93	0.36	22.29	1.00	30.00	PASS
		12	11		21.85	0.36	22.21	1.00	30.00	PASS
		25	0		21.67	0.36	22.03	1.00	30.00	PASS
		1	0	16QAM	22.13	0.36	22.49	1.00	30.00	PASS
		1	12		22.05	0.36	22.41	1.00	30.00	PASS
		1	24		22.12	0.36	22.48	1.00	30.00	PASS
		12	0		22.06	0.36	22.42	1.00	30.00	PASS
		12	6		21.78	0.36	22.14	1.00	30.00	PASS
		12	11		21.78	0.36	22.14	1.00	30.00	PASS
		25	0		21.55	0.36	21.91	1.00	30.00	PASS
	Middle	QPSK	1	0	22.58	0.36	22.94	1.00	30.00	PASS
			1	12	22.46	0.36	22.82	1.00	30.00	PASS
			1	24	22.30	0.36	22.66	1.00	30.00	PASS
			12	0	22.11	0.36	22.47	1.00	30.00	PASS
			12	6	21.92	0.36	22.28	1.00	30.00	PASS
			12	11	21.80	0.36	22.16	1.00	30.00	PASS
			25	0	21.65	0.36	22.01	1.00	30.00	PASS
		16QAM	1	0	22.48	0.36	22.84	1.00	30.00	PASS
			1	12	22.36	0.36	22.72	1.00	30.00	PASS
			1	24	22.26	0.36	22.62	1.00	30.00	PASS
			12	0	21.94	0.36	22.30	1.00	30.00	PASS
			12	6	21.74	0.36	22.10	1.00	30.00	PASS
			12	11	21.80	0.36	22.16	1.00	30.00	PASS
			25	0	21.47	0.36	21.83	1.00	30.00	PASS
	Highest	QPSK	1	0	22.41	0.36	22.77	1.00	30.00	PASS
			1	12	22.35	0.36	22.71	1.00	30.00	PASS
			1	24	22.23	0.36	22.59	1.00	30.00	PASS
			12	0	22.12	0.36	22.48	1.00	30.00	PASS
			12	6	21.95	0.36	22.31	1.00	30.00	PASS
			12	11	21.94	0.36	22.30	1.00	30.00	PASS
			25	0	21.75	0.36	22.11	1.00	30.00	PASS
		16QAM	1	0	22.25	0.36	22.61	1.00	30.00	PASS
1			12	22.16	0.36	22.52	1.00	30.00	PASS	
1			24	22.05	0.36	22.41	1.00	30.00	PASS	
12			0	21.97	0.36	22.33	1.00	30.00	PASS	
12			6	21.83	0.36	22.19	1.00	30.00	PASS	
12			11	21.89	0.36	22.25	1.00	30.00	PASS	
25			0	21.62	0.36	21.98	1.00	30.00	PASS	





Radiated Power (EIRP) for LTE Band 4 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	22.86	0.36	23.22	1.00	30.00	PASS
		1	24		22.75	0.36	23.11	1.00	30.00	PASS
		1	49		22.62	0.36	22.98	1.00	30.00	PASS
		25	0		22.43	0.36	22.79	1.00	30.00	PASS
		25	12		22.39	0.36	22.75	1.00	30.00	PASS
		25	24		22.22	0.36	22.58	1.00	30.00	PASS
		50	0		22.09	0.36	22.45	1.00	30.00	PASS
		1	0	16QAM	22.80	0.36	23.16	1.00	30.00	PASS
		1	24		22.70	0.36	23.06	1.00	30.00	PASS
		1	49		22.42	0.36	22.78	1.00	30.00	PASS
		25	0		22.39	0.36	22.75	1.00	30.00	PASS
		25	12		22.21	0.36	22.57	1.00	30.00	PASS
		25	24		22.10	0.36	22.46	1.00	30.00	PASS
		50	0		22.08	0.36	22.44	1.00	30.00	PASS
	Middle	1	0	QPSK	22.80	0.36	23.16	1.00	30.00	PASS
		1	24		22.68	0.36	23.04	1.00	30.00	PASS
		1	49		22.56	0.36	22.92	1.00	30.00	PASS
		25	0		22.40	0.36	22.76	1.00	30.00	PASS
		25	12		22.22	0.36	22.58	1.00	30.00	PASS
		25	24		22.15	0.36	22.51	1.00	30.00	PASS
		50	0		21.97	0.36	22.33	1.00	30.00	PASS
		1	0	16QAM	22.67	0.36	23.03	1.00	30.00	PASS
		1	24		22.63	0.36	22.99	1.00	30.00	PASS
		1	49		22.50	0.36	22.86	1.00	30.00	PASS
		25	0		22.23	0.36	22.59	1.00	30.00	PASS
		25	12		22.21	0.36	22.57	1.00	30.00	PASS
		25	24		21.98	0.36	22.34	1.00	30.00	PASS
		50	0		21.88	0.36	22.24	1.00	30.00	PASS
	Highest	1	0	QPSK	22.67	0.36	23.03	1.00	30.00	PASS
		1	24		22.60	0.36	22.96	1.00	30.00	PASS
		1	49		22.42	0.36	22.78	1.00	30.00	PASS
		25	0		22.36	0.36	22.72	1.00	30.00	PASS
		25	12		22.17	0.36	22.53	1.00	30.00	PASS
		25	24		22.02	0.36	22.38	1.00	30.00	PASS
		50	0		21.90	0.36	22.26	1.00	30.00	PASS
		1	0	16QAM	22.63	0.36	22.99	1.00	30.00	PASS
		1	24		22.54	0.36	22.90	1.00	30.00	PASS
		1	49		22.29	0.36	22.65	1.00	30.00	PASS
		25	0		22.30	0.36	22.66	1.00	30.00	PASS
		25	12		22.05	0.36	22.41	1.00	30.00	PASS
		25	24		22.00	0.36	22.36	1.00	30.00	PASS
		50	0		21.77	0.36	22.13	1.00	30.00	PASS



Radiated Power (EIRP) for LTE Band 4 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	22.50	0.36	22.86	1.00	30.00	PASS
		1	37		22.42	0.36	22.78	1.00	30.00	PASS
		1	74		22.37	0.36	22.73	1.00	30.00	PASS
		36	0		22.30	0.36	22.66	1.00	30.00	PASS
		36	18		22.17	0.36	22.53	1.00	30.00	PASS
		36	39		22.10	0.36	22.46	1.00	30.00	PASS
		75	0		22.05	0.36	22.41	1.00	30.00	PASS
		1	0	16QAM	22.40	0.36	22.76	1.00	30.00	PASS
		1	37		22.32	0.36	22.68	1.00	30.00	PASS
		1	74		22.25	0.36	22.61	1.00	30.00	PASS
		36	0		22.17	0.36	22.53	1.00	30.00	PASS
		36	18		22.01	0.36	22.37	1.00	30.00	PASS
		36	39		22.05	0.36	22.41	1.00	30.00	PASS
		75	0		21.89	0.36	22.25	1.00	30.00	PASS
	1	0	QPSK	22.53	0.36	22.89	1.00	30.00	PASS	
	1	37		22.44	0.36	22.80	1.00	30.00	PASS	
	1	74		22.32	0.36	22.68	1.00	30.00	PASS	
	36	0		22.25	0.36	22.61	1.00	30.00	PASS	
	36	18		22.25	0.36	22.61	1.00	30.00	PASS	
	36	39		22.18	0.36	22.54	1.00	30.00	PASS	
	75	0		22.17	0.36	22.53	1.00	30.00	PASS	
	1	0	16QAM	22.33	0.36	22.69	1.00	30.00	PASS	
	1	37		22.26	0.36	22.62	1.00	30.00	PASS	
	1	74		22.16	0.36	22.52	1.00	30.00	PASS	
	36	0		22.16	0.36	22.52	1.00	30.00	PASS	
	36	18		22.07	0.36	22.43	1.00	30.00	PASS	
	36	39		22.08	0.36	22.44	1.00	30.00	PASS	
	75	0		22.10	0.36	22.46	1.00	30.00	PASS	
	1	0	QPSK	22.73	0.36	23.09	1.00	30.00	PASS	
	1	37		22.55	0.36	22.91	1.00	30.00	PASS	
	1	74		22.43	0.36	22.79	1.00	30.00	PASS	
	36	0		22.32	0.36	22.68	1.00	30.00	PASS	
	36	18		22.25	0.36	22.61	1.00	30.00	PASS	
	36	39		22.05	0.36	22.41	1.00	30.00	PASS	
	75	0		21.88	0.36	22.24	1.00	30.00	PASS	
	1	0	16QAM	22.54	0.36	22.90	1.00	30.00	PASS	
	1	37		22.54	0.36	22.90	1.00	30.00	PASS	
	1	74		22.40	0.36	22.76	1.00	30.00	PASS	
	36	0		22.27	0.36	22.63	1.00	30.00	PASS	
	36	18		22.17	0.36	22.53	1.00	30.00	PASS	
	36	39		21.87	0.36	22.23	1.00	30.00	PASS	
	75	0		21.80	0.36	22.16	1.00	30.00	PASS	



Radiated Power (EIRP) for LTE Band 4 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	22.84	0.36	23.20	1.00	30.00	PASS
		1	49		22.80	0.36	23.16	1.00	30.00	PASS
		1	99		22.75	0.36	23.11	1.00	30.00	PASS
		50	0		22.59	0.36	22.95	1.00	30.00	PASS
		50	24		22.46	0.36	22.82	1.00	30.00	PASS
		50	49		22.27	0.36	22.63	1.00	30.00	PASS
		100	0		22.19	0.36	22.55	1.00	30.00	PASS
		1	0	16QAM	22.74	0.36	23.10	1.00	30.00	PASS
		1	49		22.72	0.36	23.08	1.00	30.00	PASS
		1	99		22.72	0.36	23.08	1.00	30.00	PASS
		50	0		22.53	0.36	22.89	1.00	30.00	PASS
		50	24		22.45	0.36	22.81	1.00	30.00	PASS
		50	49		22.10	0.36	22.46	1.00	30.00	PASS
		100	0		22.13	0.36	22.49	1.00	30.00	PASS
	1	0	QPSK	22.68	0.36	23.04	1.00	30.00	PASS	
	1	49		22.67	0.36	23.03	1.00	30.00	PASS	
	1	99		22.53	0.36	22.89	1.00	30.00	PASS	
	50	0		22.45	0.36	22.81	1.00	30.00	PASS	
	50	24		22.27	0.36	22.63	1.00	30.00	PASS	
	50	49		22.10	0.36	22.46	1.00	30.00	PASS	
	100	0		21.94	0.36	22.30	1.00	30.00	PASS	
	1	0	16QAM	22.54	0.36	22.90	1.00	30.00	PASS	
	1	49		22.61	0.36	22.97	1.00	30.00	PASS	
	1	99		22.33	0.36	22.69	1.00	30.00	PASS	
	50	0		22.44	0.36	22.80	1.00	30.00	PASS	
	50	24		22.09	0.36	22.45	1.00	30.00	PASS	
	50	49		22.05	0.36	22.41	1.00	30.00	PASS	
	100	0		21.85	0.36	22.21	1.00	30.00	PASS	
	1	0	QPSK	23.10	0.36	23.46	1.00	30.00	PASS	
	1	49		22.91	0.36	23.27	1.00	30.00	PASS	
	1	99		22.81	0.36	23.17	1.00	30.00	PASS	
	50	0		22.70	0.36	23.06	1.00	30.00	PASS	
	50	24		22.61	0.36	22.97	1.00	30.00	PASS	
	50	49		22.48	0.36	22.84	1.00	30.00	PASS	
	100	0		22.40	0.36	22.76	1.00	30.00	PASS	
	1	0	16QAM	23.07	0.36	23.43	1.00	30.00	PASS	
1	49	22.87		0.36	23.23	1.00	30.00	PASS		
1	99	22.73		0.36	23.09	1.00	30.00	PASS		
50	0	22.62		0.36	22.98	1.00	30.00	PASS		
50	24	22.46		0.36	22.82	1.00	30.00	PASS		
50	49	22.39		0.36	22.75	1.00	30.00	PASS		
100	0	22.34		0.36	22.70	1.00	30.00	PASS		



Radiated Power (ERP) for LTE Band 5 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	23.10	-0.05	20.90	7.00	38.45	PASS
		1	2		22.96	-0.05	20.76	7.00	38.45	PASS
		1	5		22.93	-0.05	20.73	7.00	38.45	PASS
		3	0		22.82	-0.05	20.62	7.00	38.45	PASS
		3	1		22.76	-0.05	20.56	7.00	38.45	PASS
		3	2		22.71	-0.05	20.51	7.00	38.45	PASS
		6	0		22.56	-0.05	20.36	7.00	38.45	PASS
		1	0	16QAM	23.03	-0.05	20.83	7.00	38.45	PASS
		1	2		22.87	-0.05	20.67	7.00	38.45	PASS
		1	5		22.76	-0.05	20.56	7.00	38.45	PASS
		3	0		22.78	-0.05	20.58	7.00	38.45	PASS
		3	1		22.68	-0.05	20.48	7.00	38.45	PASS
		3	2		22.57	-0.05	20.37	7.00	38.45	PASS
		6	0		22.38	-0.05	20.18	7.00	38.45	PASS
	Middle	1	0	QPSK	23.37	-0.05	21.17	7.00	38.45	PASS
		1	2		23.34	-0.05	21.14	7.00	38.45	PASS
		1	5		23.27	-0.05	21.07	7.00	38.45	PASS
		3	0		23.24	-0.05	21.04	7.00	38.45	PASS
		3	1		23.23	-0.05	21.03	7.00	38.45	PASS
		3	2		23.16	-0.05	20.96	7.00	38.45	PASS
		6	0		23.14	-0.05	20.94	7.00	38.45	PASS
		1	0	16QAM	23.25	-0.05	21.05	7.00	38.45	PASS
		1	2		23.25	-0.05	21.05	7.00	38.45	PASS
		1	5		23.18	-0.05	20.98	7.00	38.45	PASS
		3	0		23.21	-0.05	21.01	7.00	38.45	PASS
		3	1		23.05	-0.05	20.85	7.00	38.45	PASS
		3	2		23.03	-0.05	20.83	7.00	38.45	PASS
		6	0		23.09	-0.05	20.89	7.00	38.45	PASS
	Highest	1	0	QPSK	23.50	-0.05	21.30	7.00	38.45	PASS
		1	2		23.35	-0.05	21.15	7.00	38.45	PASS
		1	5		23.19	-0.05	20.99	7.00	38.45	PASS
		3	0		23.17	-0.05	20.97	7.00	38.45	PASS
		3	1		23.02	-0.05	20.82	7.00	38.45	PASS
		3	2		22.88	-0.05	20.68	7.00	38.45	PASS
		6	0		22.75	-0.05	20.55	7.00	38.45	PASS
		1	0	16QAM	23.30	-0.05	21.10	7.00	38.45	PASS
1		2	23.17		-0.05	20.97	7.00	38.45	PASS	
1		5	23.15		-0.05	20.95	7.00	38.45	PASS	
3		0	23.06		-0.05	20.86	7.00	38.45	PASS	
3		1	22.84		-0.05	20.64	7.00	38.45	PASS	
3		2	22.85		-0.05	20.65	7.00	38.45	PASS	
6		0	22.72		-0.05	20.52	7.00	38.45	PASS	



Radiated Power (ERP) for LTE Band 5 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	23.37	-0.05	21.17	7.00	38.45	PASS
		1	7		23.28	-0.05	21.08	7.00	38.45	PASS
		1	14		23.20	-0.05	21.00	7.00	38.45	PASS
		8	0		23.07	-0.05	20.87	7.00	38.45	PASS
		8	4		23.05	-0.05	20.85	7.00	38.45	PASS
		8	7		22.95	-0.05	20.75	7.00	38.45	PASS
		15	0		22.78	-0.05	20.58	7.00	38.45	PASS
		1	0	16QAM	23.27	-0.05	21.07	7.00	38.45	PASS
		1	7		23.18	-0.05	20.98	7.00	38.45	PASS
		1	14		23.20	-0.05	21.00	7.00	38.45	PASS
		8	0		23.01	-0.05	20.81	7.00	38.45	PASS
		8	4		22.86	-0.05	20.66	7.00	38.45	PASS
		8	7		22.95	-0.05	20.75	7.00	38.45	PASS
		15	0		22.66	-0.05	20.46	7.00	38.45	PASS
		Middle	QPSK	1	0	23.05	-0.05	20.85	7.00	38.45
	1			7	22.98	-0.05	20.78	7.00	38.45	PASS
	1			14	22.91	-0.05	20.71	7.00	38.45	PASS
	8			0	22.86	-0.05	20.66	7.00	38.45	PASS
	8			4	22.74	-0.05	20.54	7.00	38.45	PASS
	8			7	22.66	-0.05	20.46	7.00	38.45	PASS
	15			0	22.53	-0.05	20.33	7.00	38.45	PASS
	16QAM		1	0	23.04	-0.05	20.84	7.00	38.45	PASS
			1	7	22.87	-0.05	20.67	7.00	38.45	PASS
			1	14	22.80	-0.05	20.60	7.00	38.45	PASS
			8	0	22.77	-0.05	20.57	7.00	38.45	PASS
			8	4	22.61	-0.05	20.41	7.00	38.45	PASS
			8	7	22.52	-0.05	20.32	7.00	38.45	PASS
			15	0	22.40	-0.05	20.20	7.00	38.45	PASS
			Highest	QPSK	1	0	23.32	-0.05	21.12	7.00
	1	7			23.21	-0.05	21.01	7.00	38.45	PASS
	1	14			23.04	-0.05	20.84	7.00	38.45	PASS
	8	0			22.92	-0.05	20.72	7.00	38.45	PASS
	8	4			22.89	-0.05	20.69	7.00	38.45	PASS
	8	7			22.75	-0.05	20.55	7.00	38.45	PASS
	15	0			22.59	-0.05	20.39	7.00	38.45	PASS
	16QAM	1		0	23.25	-0.05	21.05	7.00	38.45	PASS
1		7		23.09	-0.05	20.89	7.00	38.45	PASS	
1		14		22.91	-0.05	20.71	7.00	38.45	PASS	
8		0		22.72	-0.05	20.52	7.00	38.45	PASS	
8		4		22.73	-0.05	20.53	7.00	38.45	PASS	
8		7		22.67	-0.05	20.47	7.00	38.45	PASS	
15		0		22.49	-0.05	20.29	7.00	38.45	PASS	



Radiated Power (ERP) for LTE Band 5 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	23.28	-0.05	21.08	7.00	38.45	PASS
		1	12		23.25	-0.05	21.05	7.00	38.45	PASS
		1	24		23.16	-0.05	20.96	7.00	38.45	PASS
		12	0		23.13	-0.05	20.93	7.00	38.45	PASS
		12	6		22.96	-0.05	20.76	7.00	38.45	PASS
		12	11		22.85	-0.05	20.65	7.00	38.45	PASS
		25	0		22.67	-0.05	20.47	7.00	38.45	PASS
		1	0	16QAM	23.24	-0.05	21.04	7.00	38.45	PASS
		1	12		23.19	-0.05	20.99	7.00	38.45	PASS
		1	24		23.14	-0.05	20.94	7.00	38.45	PASS
		12	0		23.00	-0.05	20.80	7.00	38.45	PASS
		12	6		22.89	-0.05	20.69	7.00	38.45	PASS
		12	11		22.66	-0.05	20.46	7.00	38.45	PASS
		25	0		22.47	-0.05	20.27	7.00	38.45	PASS
	Middle	1	0	QPSK	23.64	-0.05	21.44	7.00	38.45	PASS
		1	12		23.62	-0.05	21.42	7.00	38.45	PASS
		1	24		23.46	-0.05	21.26	7.00	38.45	PASS
		12	0		23.44	-0.05	21.24	7.00	38.45	PASS
		12	6		23.36	-0.05	21.16	7.00	38.45	PASS
		12	11		23.28	-0.05	21.08	7.00	38.45	PASS
		25	0		23.25	-0.05	21.05	7.00	38.45	PASS
		1	0	16QAM	23.57	-0.05	21.37	7.00	38.45	PASS
		1	12		23.45	-0.05	21.25	7.00	38.45	PASS
		1	24		23.34	-0.05	21.14	7.00	38.45	PASS
		12	0		23.43	-0.05	21.23	7.00	38.45	PASS
		12	6		23.29	-0.05	21.09	7.00	38.45	PASS
		12	11		23.18	-0.05	20.98	7.00	38.45	PASS
		25	0		23.21	-0.05	21.01	7.00	38.45	PASS
	Highest	1	0	QPSK	23.47	-0.05	21.27	7.00	38.45	PASS
		1	12		23.45	-0.05	21.25	7.00	38.45	PASS
		1	24		23.28	-0.05	21.08	7.00	38.45	PASS
		12	0		23.16	-0.05	20.96	7.00	38.45	PASS
		12	6		23.03	-0.05	20.83	7.00	38.45	PASS
		12	11		22.88	-0.05	20.68	7.00	38.45	PASS
		25	0		22.79	-0.05	20.59	7.00	38.45	PASS
		1	0	16QAM	23.42	-0.05	21.22	7.00	38.45	PASS
1		12	23.26		-0.05	21.06	7.00	38.45	PASS	
1		24	23.13		-0.05	20.93	7.00	38.45	PASS	
12		0	23.13		-0.05	20.93	7.00	38.45	PASS	
12		6	22.99		-0.05	20.79	7.00	38.45	PASS	
12		11	22.74		-0.05	20.54	7.00	38.45	PASS	
25		0	22.75		-0.05	20.55	7.00	38.45	PASS	



Radiated Power (ERP) for LTE Band 5 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	23.45	-0.05	21.25	7.00	38.45	PASS
		1	24		23.38	-0.05	21.18	7.00	38.45	PASS
		1	49		23.29	-0.05	21.09	7.00	38.45	PASS
		25	0		23.16	-0.05	20.96	7.00	38.45	PASS
		25	12		22.97	-0.05	20.77	7.00	38.45	PASS
		25	24		22.80	-0.05	20.60	7.00	38.45	PASS
		50	0		22.70	-0.05	20.50	7.00	38.45	PASS
		1	0	16QAM	23.34	-0.05	21.14	7.00	38.45	PASS
		1	24		23.22	-0.05	21.02	7.00	38.45	PASS
		1	49		23.24	-0.05	21.04	7.00	38.45	PASS
		25	0		23.05	-0.05	20.85	7.00	38.45	PASS
		25	12		22.81	-0.05	20.61	7.00	38.45	PASS
		25	24		22.71	-0.05	20.51	7.00	38.45	PASS
		50	0		22.53	-0.05	20.33	7.00	38.45	PASS
	Middle	1	0	QPSK	23.68	-0.05	21.48	7.00	38.45	PASS
		1	24		23.64	-0.05	21.44	7.00	38.45	PASS
		1	49		23.63	-0.05	21.43	7.00	38.45	PASS
		25	0		23.46	-0.05	21.26	7.00	38.45	PASS
		25	12		23.33	-0.05	21.13	7.00	38.45	PASS
		25	24		23.19	-0.05	20.99	7.00	38.45	PASS
		50	0		23.08	-0.05	20.88	7.00	38.45	PASS
		1	0	16QAM	23.63	-0.05	21.43	7.00	38.45	PASS
		1	24		23.56	-0.05	21.36	7.00	38.45	PASS
		1	49		23.57	-0.05	21.37	7.00	38.45	PASS
		25	0		23.33	-0.05	21.13	7.00	38.45	PASS
		25	12		23.18	-0.05	20.98	7.00	38.45	PASS
		25	24		23.12	-0.05	20.92	7.00	38.45	PASS
		50	0		23.04	-0.05	20.84	7.00	38.45	PASS
	Highest	1	0	QPSK	23.54	-0.05	21.34	7.00	38.45	PASS
		1	24		23.44	-0.05	21.24	7.00	38.45	PASS
		1	49		23.26	-0.05	21.06	7.00	38.45	PASS
		25	0		23.08	-0.05	20.88	7.00	38.45	PASS
		25	12		22.95	-0.05	20.75	7.00	38.45	PASS
		25	24		22.76	-0.05	20.56	7.00	38.45	PASS
		50	0		22.71	-0.05	20.51	7.00	38.45	PASS
		1	0	16QAM	23.48	-0.05	21.28	7.00	38.45	PASS
1		24	23.25		-0.05	21.05	7.00	38.45	PASS	
1		49	23.11		-0.05	20.91	7.00	38.45	PASS	
25		0	22.99		-0.05	20.79	7.00	38.45	PASS	
25		12	22.86		-0.05	20.66	7.00	38.45	PASS	
25		24	22.59		-0.05	20.39	7.00	38.45	PASS	
50		0	22.56		-0.05	20.36	7.00	38.45	PASS	



Radiated Power (EIRP) for LTE Band 7 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	21.84	0.32	22.16	2.00	33.01	PASS
		1	12		21.81	0.32	22.13	2.00	33.01	PASS
		1	24		21.77	0.32	22.09	2.00	33.01	PASS
		12	0		21.73	0.32	22.05	2.00	33.01	PASS
		12	6		21.63	0.32	21.95	2.00	33.01	PASS
		12	11		21.58	0.32	21.90	2.00	33.01	PASS
		25	0		21.52	0.32	21.84	2.00	33.01	PASS
		1	0	16QAM	21.65	0.32	21.97	2.00	33.01	PASS
		1	12		21.72	0.32	22.04	2.00	33.01	PASS
		1	24		21.67	0.32	21.99	2.00	33.01	PASS
		12	0		21.64	0.32	21.96	2.00	33.01	PASS
		12	6		21.46	0.32	21.78	2.00	33.01	PASS
		12	11		21.51	0.32	21.83	2.00	33.01	PASS
		25	0		21.36	0.32	21.68	2.00	33.01	PASS
	Middle	QPSK	1	0	21.57	0.32	21.89	2.00	33.01	PASS
			1	12	21.51	0.32	21.83	2.00	33.01	PASS
			1	24	21.35	0.32	21.67	2.00	33.01	PASS
			12	0	21.31	0.32	21.63	2.00	33.01	PASS
			12	6	21.21	0.32	21.53	2.00	33.01	PASS
			12	11	21.13	0.32	21.45	2.00	33.01	PASS
			25	0	21.06	0.32	21.38	2.00	33.01	PASS
		16QAM	1	0	21.48	0.32	21.80	2.00	33.01	PASS
			1	12	21.37	0.32	21.69	2.00	33.01	PASS
			1	24	21.28	0.32	21.60	2.00	33.01	PASS
			12	0	21.26	0.32	21.58	2.00	33.01	PASS
			12	6	21.14	0.32	21.46	2.00	33.01	PASS
			12	11	20.99	0.32	21.31	2.00	33.01	PASS
			25	0	20.99	0.32	21.31	2.00	33.01	PASS
	Highest	QPSK	1	0	21.52	0.32	21.84	2.00	33.01	PASS
			1	12	21.35	0.32	21.67	2.00	33.01	PASS
			1	24	21.26	0.32	21.58	2.00	33.01	PASS
			12	0	21.07	0.32	21.39	2.00	33.01	PASS
			12	6	20.93	0.32	21.25	2.00	33.01	PASS
			12	11	20.89	0.32	21.21	2.00	33.01	PASS
			25	0	20.76	0.32	21.08	2.00	33.01	PASS
		16QAM	1	0	21.50	0.32	21.82	2.00	33.01	PASS
1			12	21.16	0.32	21.48	2.00	33.01	PASS	
1			24	21.15	0.32	21.47	2.00	33.01	PASS	
12			0	21.02	0.32	21.34	2.00	33.01	PASS	
12			6	20.76	0.32	21.08	2.00	33.01	PASS	
12			11	20.82	0.32	21.14	2.00	33.01	PASS	
25			0	20.75	0.32	21.07	2.00	33.01	PASS	





Radiated Power (EIRP) for LTE Band 7 /10M												
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict		
10	Lowest	1	0	QPSK	21.87	0.32	22.19	2.00	33.01	PASS		
		1	24		21.79	0.32	22.11	2.00	33.01	PASS		
		1	49		21.74	0.32	22.06	2.00	33.01	PASS		
		25	0		21.58	0.32	21.90	2.00	33.01	PASS		
		25	12		21.41	0.32	21.73	2.00	33.01	PASS		
		25	24		21.41	0.32	21.73	2.00	33.01	PASS		
		50	0	21.22	0.32	21.54	2.00	33.01	PASS			
		1	0	16QAM	21.85	0.32	22.17	2.00	33.01	PASS		
		1	24		21.59	0.32	21.91	2.00	33.01	PASS		
		1	49		21.70	0.32	22.02	2.00	33.01	PASS		
		25	0		21.58	0.32	21.90	2.00	33.01	PASS		
		25	12		21.33	0.32	21.65	2.00	33.01	PASS		
		25	24		21.24	0.32	21.56	2.00	33.01	PASS		
		50	0	21.07	0.32	21.39	2.00	33.01	PASS			
		Middle	QPSK	1	0	21.63	0.32	21.95	2.00	33.01	PASS	
				1	24	21.55	0.32	21.87	2.00	33.01	PASS	
				1	49	21.42	0.32	21.74	2.00	33.01	PASS	
				25	0	21.25	0.32	21.57	2.00	33.01	PASS	
	25			12	21.17	0.32	21.49	2.00	33.01	PASS		
	25			24	21.10	0.32	21.42	2.00	33.01	PASS		
	50			0	20.93	0.32	21.25	2.00	33.01	PASS		
	16QAM			1	0	21.62	0.32	21.94	2.00	33.01	PASS	
				1	24	21.44	0.32	21.76	2.00	33.01	PASS	
			1	49	21.39	0.32	21.71	2.00	33.01	PASS		
			25	0	21.15	0.32	21.47	2.00	33.01	PASS		
			25	12	21.06	0.32	21.38	2.00	33.01	PASS		
			25	24	20.90	0.32	21.22	2.00	33.01	PASS		
			50	0	20.90	0.32	21.22	2.00	33.01	PASS		
			Highest	QPSK	1	0	22.06	0.32	22.38	2.00	33.01	PASS
					1	24	21.97	0.32	22.29	2.00	33.01	PASS
	1				49	21.95	0.32	22.27	2.00	33.01	PASS	
	25				0	21.95	0.32	22.27	2.00	33.01	PASS	
	25	12			21.90	0.32	22.22	2.00	33.01	PASS		
	25	24			21.87	0.32	22.19	2.00	33.01	PASS		
	50	0		21.87	0.32	22.19	2.00	33.01	PASS			
	16QAM	1		0	22.06	0.32	22.38	2.00	33.01	PASS		
1		24		21.86	0.32	22.18	2.00	33.01	PASS			
1		49	21.76	0.32	22.08	2.00	33.01	PASS				
25	0	21.81	0.32	22.13	2.00	33.01	PASS					
25	12	21.78	0.32	22.10	2.00	33.01	PASS					
25	24	21.76	0.32	22.08	2.00	33.01	PASS					
50	0	21.73	0.32	22.05	2.00	33.01	PASS					



Radiated Power (EIRP) for LTE Band 7 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	21.66	0.32	21.98	2.00	33.01	PASS
		1	37		21.52	0.32	21.84	2.00	33.01	PASS
		1	74		21.47	0.32	21.79	2.00	33.01	PASS
		36	0		21.38	0.32	21.70	2.00	33.01	PASS
		36	18		21.29	0.32	21.61	2.00	33.01	PASS
		36	39		21.13	0.32	21.45	2.00	33.01	PASS
		75	0	20.93	0.32	21.25	2.00	33.01	PASS	
		1	0	16QAM	21.65	0.32	21.97	2.00	33.01	PASS
		1	37		21.34	0.32	21.66	2.00	33.01	PASS
		1	74		21.30	0.32	21.62	2.00	33.01	PASS
		36	0		21.34	0.32	21.66	2.00	33.01	PASS
		36	18		21.27	0.32	21.59	2.00	33.01	PASS
		36	39		21.03	0.32	21.35	2.00	33.01	PASS
		75	0	20.83	0.32	21.15	2.00	33.01	PASS	
	Middle	1	0	QPSK	21.87	0.32	22.19	2.00	33.01	PASS
		1	37		21.70	0.32	22.02	2.00	33.01	PASS
		1	74		21.55	0.32	21.87	2.00	33.01	PASS
		36	0		21.55	0.32	21.87	2.00	33.01	PASS
		36	18		21.36	0.32	21.68	2.00	33.01	PASS
		36	39		21.21	0.32	21.53	2.00	33.01	PASS
		75	0	21.19	0.32	21.51	2.00	33.01	PASS	
		1	0	16QAM	21.80	0.32	22.12	2.00	33.01	PASS
		1	37		21.64	0.32	21.96	2.00	33.01	PASS
		1	74		21.52	0.32	21.84	2.00	33.01	PASS
		36	0		21.36	0.32	21.68	2.00	33.01	PASS
		36	18		21.33	0.32	21.65	2.00	33.01	PASS
		36	39		21.16	0.32	21.48	2.00	33.01	PASS
		75	0	21.05	0.32	21.37	2.00	33.01	PASS	
	Highest	1	0	QPSK	21.72	0.32	22.04	2.00	33.01	PASS
		1	37		21.56	0.32	21.88	2.00	33.01	PASS
		1	74		21.55	0.32	21.87	2.00	33.01	PASS
		36	0		21.53	0.32	21.85	2.00	33.01	PASS
		36	18		21.34	0.32	21.66	2.00	33.01	PASS
		36	39		21.22	0.32	21.54	2.00	33.01	PASS
		75	0	21.03	0.32	21.35	2.00	33.01	PASS	
		1	0	16QAM	21.63	0.32	21.95	2.00	33.01	PASS
		1	37		21.41	0.32	21.73	2.00	33.01	PASS
		1	74		21.54	0.32	21.86	2.00	33.01	PASS
		36	0		21.43	0.32	21.75	2.00	33.01	PASS
		36	18		21.27	0.32	21.59	2.00	33.01	PASS
		36	39		21.12	0.32	21.44	2.00	33.01	PASS
		75	0	20.89	0.32	21.21	2.00	33.01	PASS	



Radiated Power (EIRP) for LTE Band 7 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	22.07	0.32	22.39	2.00	33.01	PASS
		1	49		21.87	0.32	22.19	2.00	33.01	PASS
		1	99		21.75	0.32	22.07	2.00	33.01	PASS
		50	0		21.55	0.32	21.87	2.00	33.01	PASS
		50	24		21.48	0.32	21.80	2.00	33.01	PASS
		50	49		21.31	0.32	21.63	2.00	33.01	PASS
		100	0		21.18	0.32	21.50	2.00	33.01	PASS
		1	0	16QAM	22.02	0.32	22.34	2.00	33.01	PASS
		1	49		21.70	0.32	22.02	2.00	33.01	PASS
		1	99		21.65	0.32	21.97	2.00	33.01	PASS
		50	0		21.36	0.32	21.68	2.00	33.01	PASS
		50	24		21.38	0.32	21.70	2.00	33.01	PASS
		50	49		21.30	0.32	21.62	2.00	33.01	PASS
		100	0		21.03	0.32	21.35	2.00	33.01	PASS
	1	0	QPSK	22.49	0.32	22.81	2.00	33.01	PASS	
	1	49		22.37	0.32	22.69	2.00	33.01	PASS	
	1	99		22.35	0.32	22.67	2.00	33.01	PASS	
	50	0		22.21	0.32	22.53	2.00	33.01	PASS	
	50	24		22.10	0.32	22.42	2.00	33.01	PASS	
	50	49		21.91	0.32	22.23	2.00	33.01	PASS	
	100	0		21.88	0.32	22.20	2.00	33.01	PASS	
	1	0	16QAM	22.37	0.32	22.69	2.00	33.01	PASS	
	1	49		22.24	0.32	22.56	2.00	33.01	PASS	
	1	99		22.22	0.32	22.54	2.00	33.01	PASS	
	50	0		22.15	0.32	22.47	2.00	33.01	PASS	
	50	24		22.04	0.32	22.36	2.00	33.01	PASS	
	50	49		21.71	0.32	22.03	2.00	33.01	PASS	
	100	0		21.83	0.32	22.15	2.00	33.01	PASS	
	1	0	QPSK	21.98	0.32	22.30	2.00	33.01	PASS	
	1	49		21.88	0.32	22.20	2.00	33.01	PASS	
	1	99		21.87	0.32	22.19	2.00	33.01	PASS	
	50	0		21.86	0.32	22.18	2.00	33.01	PASS	
	50	24		21.76	0.32	22.08	2.00	33.01	PASS	
	50	49		21.60	0.32	21.92	2.00	33.01	PASS	
	100	0		21.60	0.32	21.92	2.00	33.01	PASS	
	1	0	16QAM	21.96	0.32	22.28	2.00	33.01	PASS	
1	49	21.77		0.32	22.09	2.00	33.01	PASS		
1	99	21.69		0.32	22.01	2.00	33.01	PASS		
50	0	21.71		0.32	22.03	2.00	33.01	PASS		
50	24	21.67		0.32	21.99	2.00	33.01	PASS		
50	49	21.42		0.32	21.74	2.00	33.01	PASS		
100	0	21.43		0.32	21.75	2.00	33.01	PASS		



Radiated Power (ERP) for LTE Band 12 /1.4M											
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict	
1.4	Lowest	1	0	QPSK	21.46	-0.21	19.10	3.00	34.77	PASS	
		1	2		21.46	-0.21	19.10	3.00	34.77	PASS	
		1	5		21.39	-0.21	19.03	3.00	34.77	PASS	
		3	0		21.30	-0.21	18.94	3.00	34.77	PASS	
		3	1		21.25	-0.21	18.89	3.00	34.77	PASS	
		3	2		21.20	-0.21	18.84	3.00	34.77	PASS	
		6	0	21.10	-0.21	18.74	3.00	34.77	PASS		
		1	0	16QAM	21.45	-0.21	19.09	3.00	34.77	PASS	
		1	2		21.41	-0.21	19.05	3.00	34.77	PASS	
		1	5		21.28	-0.21	18.92	3.00	34.77	PASS	
		3	0		21.22	-0.21	18.86	3.00	34.77	PASS	
		3	1		21.15	-0.21	18.79	3.00	34.77	PASS	
		3	2		21.02	-0.21	18.66	3.00	34.77	PASS	
		6	0	20.96	-0.21	18.60	3.00	34.77	PASS		
		Middle	QPSK	1	0	21.59	-0.21	19.23	3.00	34.77	PASS
				1	2	21.52	-0.21	19.16	3.00	34.77	PASS
				1	5	21.47	-0.21	19.11	3.00	34.77	PASS
				3	0	21.45	-0.21	19.09	3.00	34.77	PASS
	3			1	21.31	-0.21	18.95	3.00	34.77	PASS	
	3			2	21.13	-0.21	18.77	3.00	34.77	PASS	
	6		0	20.99	-0.21	18.63	3.00	34.77	PASS		
	16QAM		1	0	21.44	-0.21	19.08	3.00	34.77	PASS	
			1	2	21.35	-0.21	18.99	3.00	34.77	PASS	
			1	5	21.31	-0.21	18.95	3.00	34.77	PASS	
			3	0	21.43	-0.21	19.07	3.00	34.77	PASS	
			3	1	21.16	-0.21	18.80	3.00	34.77	PASS	
			3	2	20.94	-0.21	18.58	3.00	34.77	PASS	
	6		0	20.94	-0.21	18.58	3.00	34.77	PASS		
	Highest		QPSK	1	0	21.27	-0.21	18.91	3.00	34.77	PASS
				1	2	21.09	-0.21	18.73	3.00	34.77	PASS
				1	5	20.90	-0.21	18.54	3.00	34.77	PASS
				3	0	20.88	-0.21	18.52	3.00	34.77	PASS
		3		1	20.85	-0.21	18.49	3.00	34.77	PASS	
		3		2	20.69	-0.21	18.33	3.00	34.77	PASS	
		6	0	20.59	-0.21	18.23	3.00	34.77	PASS		
		16QAM	1	0	21.20	-0.21	18.84	3.00	34.77	PASS	
1			2	21.04	-0.21	18.68	3.00	34.77	PASS		
1			5	20.87	-0.21	18.51	3.00	34.77	PASS		
3			0	20.70	-0.21	18.34	3.00	34.77	PASS		
3			1	20.71	-0.21	18.35	3.00	34.77	PASS		
3			2	20.61	-0.21	18.25	3.00	34.77	PASS		
6		0	20.42	-0.21	18.06	3.00	34.77	PASS			



Radiated Power (ERP) for LTE Band 12 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	21.45	-0.21	19.09	3.00	34.77	PASS
		1	7		21.27	-0.21	18.91	3.00	34.77	PASS
		1	14		21.10	-0.21	18.74	3.00	34.77	PASS
		8	0		21.03	-0.21	18.67	3.00	34.77	PASS
		8	4		20.90	-0.21	18.54	3.00	34.77	PASS
		8	7		20.88	-0.21	18.52	3.00	34.77	PASS
		15	0		20.76	-0.21	18.40	3.00	34.77	PASS
		1	0	16QAM	21.38	-0.21	19.02	3.00	34.77	PASS
		1	7		21.16	-0.21	18.80	3.00	34.77	PASS
		1	14		21.03	-0.21	18.67	3.00	34.77	PASS
		8	0		20.86	-0.21	18.50	3.00	34.77	PASS
		8	4		20.85	-0.21	18.49	3.00	34.77	PASS
		8	7		20.80	-0.21	18.44	3.00	34.77	PASS
		15	0		20.62	-0.21	18.26	3.00	34.77	PASS
	Middle	QPSK	1	0	21.89	-0.21	19.53	3.00	34.77	PASS
			1	7	21.71	-0.21	19.35	3.00	34.77	PASS
			1	14	21.67	-0.21	19.31	3.00	34.77	PASS
			8	0	21.67	-0.21	19.31	3.00	34.77	PASS
			8	4	21.57	-0.21	19.21	3.00	34.77	PASS
			8	7	21.45	-0.21	19.09	3.00	34.77	PASS
			15	0	21.37	-0.21	19.01	3.00	34.77	PASS
		16QAM	1	0	21.80	-0.21	19.44	3.00	34.77	PASS
			1	7	21.62	-0.21	19.26	3.00	34.77	PASS
			1	14	21.64	-0.21	19.28	3.00	34.77	PASS
			8	0	21.64	-0.21	19.28	3.00	34.77	PASS
			8	4	21.41	-0.21	19.05	3.00	34.77	PASS
			8	7	21.38	-0.21	19.02	3.00	34.77	PASS
			15	0	21.32	-0.21	18.96	3.00	34.77	PASS
	Highest	QPSK	1	0	21.76	-0.21	19.40	3.00	34.77	PASS
			1	7	21.62	-0.21	19.26	3.00	34.77	PASS
			1	14	21.44	-0.21	19.08	3.00	34.77	PASS
			8	0	21.40	-0.21	19.04	3.00	34.77	PASS
			8	4	21.25	-0.21	18.89	3.00	34.77	PASS
			8	7	21.21	-0.21	18.85	3.00	34.77	PASS
			15	0	21.20	-0.21	18.84	3.00	34.77	PASS
		16QAM	1	0	21.57	-0.21	19.21	3.00	34.77	PASS
1			7	21.62	-0.21	19.26	3.00	34.77	PASS	
1			14	21.40	-0.21	19.04	3.00	34.77	PASS	
8			0	21.25	-0.21	18.89	3.00	34.77	PASS	
8			4	21.15	-0.21	18.79	3.00	34.77	PASS	
8			7	21.14	-0.21	18.78	3.00	34.77	PASS	
15			0	21.16	-0.21	18.80	3.00	34.77	PASS	



Radiated Power (ERP) for LTE Band 12 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	21.59	-0.21	19.23	3.00	34.77	PASS
		1	12		21.46	-0.21	19.10	3.00	34.77	PASS
		1	24		21.33	-0.21	18.97	3.00	34.77	PASS
		12	0		21.30	-0.21	18.94	3.00	34.77	PASS
		12	6		21.25	-0.21	18.89	3.00	34.77	PASS
		12	11		21.23	-0.21	18.87	3.00	34.77	PASS
		25	0		21.14	-0.21	18.78	3.00	34.77	PASS
		1	0	16QAM	21.46	-0.21	19.10	3.00	34.77	PASS
		1	12		21.35	-0.21	18.99	3.00	34.77	PASS
		1	24		21.28	-0.21	18.92	3.00	34.77	PASS
		12	0		21.22	-0.21	18.86	3.00	34.77	PASS
		12	6		21.08	-0.21	18.72	3.00	34.77	PASS
		12	11		21.15	-0.21	18.79	3.00	34.77	PASS
		25	0		21.13	-0.21	18.77	3.00	34.77	PASS
	Middle	1	0	QPSK	21.84	-0.21	19.48	3.00	34.77	PASS
		1	12		21.66	-0.21	19.30	3.00	34.77	PASS
		1	24		21.47	-0.21	19.11	3.00	34.77	PASS
		12	0		21.29	-0.21	18.93	3.00	34.77	PASS
		12	6		21.21	-0.21	18.85	3.00	34.77	PASS
		12	11		21.16	-0.21	18.80	3.00	34.77	PASS
		25	0		21.07	-0.21	18.71	3.00	34.77	PASS
		1	0	16QAM	21.75	-0.21	19.39	3.00	34.77	PASS
		1	12		21.50	-0.21	19.14	3.00	34.77	PASS
		1	24		21.39	-0.21	19.03	3.00	34.77	PASS
		12	0		21.19	-0.21	18.83	3.00	34.77	PASS
		12	6		21.03	-0.21	18.67	3.00	34.77	PASS
		12	11		21.01	-0.21	18.65	3.00	34.77	PASS
		25	0		20.89	-0.21	18.53	3.00	34.77	PASS
	Highest	1	0	QPSK	21.51	-0.21	19.15	3.00	34.77	PASS
		1	12		21.45	-0.21	19.09	3.00	34.77	PASS
		1	24		21.33	-0.21	18.97	3.00	34.77	PASS
		12	0		21.29	-0.21	18.93	3.00	34.77	PASS
		12	6		21.26	-0.21	18.90	3.00	34.77	PASS
		12	11		21.09	-0.21	18.73	3.00	34.77	PASS
		25	0		20.95	-0.21	18.59	3.00	34.77	PASS
		1	0	16QAM	21.45	-0.21	19.09	3.00	34.77	PASS
1		12	21.38		-0.21	19.02	3.00	34.77	PASS	
1		24	21.23		-0.21	18.87	3.00	34.77	PASS	
12		0	21.27		-0.21	18.91	3.00	34.77	PASS	
12		6	21.17		-0.21	18.81	3.00	34.77	PASS	
12		11	21.07		-0.21	18.71	3.00	34.77	PASS	
25		0	20.92		-0.21	18.56	3.00	34.77	PASS	



Radiated Power (ERP) for LTE Band 12 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	21.88	-0.21	19.52	3.00	34.77	PASS
		1	24		21.74	-0.21	19.38	3.00	34.77	PASS
		1	49		21.67	-0.21	19.31	3.00	34.77	PASS
		25	0		21.48	-0.21	19.12	3.00	34.77	PASS
		25	12		21.30	-0.21	18.94	3.00	34.77	PASS
		25	24		21.15	-0.21	18.79	3.00	34.77	PASS
		50	0		21.10	-0.21	18.74	3.00	34.77	PASS
		1	0	16QAM	21.74	-0.21	19.38	3.00	34.77	PASS
		1	24		21.68	-0.21	19.32	3.00	34.77	PASS
		1	49		21.67	-0.21	19.31	3.00	34.77	PASS
		25	0		21.28	-0.21	18.92	3.00	34.77	PASS
		25	12		21.22	-0.21	18.86	3.00	34.77	PASS
		25	24		21.11	-0.21	18.75	3.00	34.77	PASS
		50	0		21.02	-0.21	18.66	3.00	34.77	PASS
	Middle	1	0	QPSK	21.92	-0.21	19.56	3.00	34.77	PASS
		1	24		21.74	-0.21	19.38	3.00	34.77	PASS
		1	49		21.67	-0.21	19.31	3.00	34.77	PASS
		25	0		21.56	-0.21	19.20	3.00	34.77	PASS
		25	12		21.51	-0.21	19.15	3.00	34.77	PASS
		25	24		21.38	-0.21	19.02	3.00	34.77	PASS
		50	0		21.22	-0.21	18.86	3.00	34.77	PASS
		1	0	16QAM	21.85	-0.21	19.49	3.00	34.77	PASS
		1	24		21.57	-0.21	19.21	3.00	34.77	PASS
		1	49		21.57	-0.21	19.21	3.00	34.77	PASS
		25	0		21.52	-0.21	19.16	3.00	34.77	PASS
		25	12		21.44	-0.21	19.08	3.00	34.77	PASS
		25	24		21.30	-0.21	18.94	3.00	34.77	PASS
		50	0		21.21	-0.21	18.85	3.00	34.77	PASS
	Highest	1	0	QPSK	22.00	-0.21	19.64	3.00	34.77	PASS
		1	24		21.89	-0.21	19.53	3.00	34.77	PASS
		1	49		21.85	-0.21	19.49	3.00	34.77	PASS
		25	0		21.71	-0.21	19.35	3.00	34.77	PASS
		25	12		21.61	-0.21	19.25	3.00	34.77	PASS
		25	24		21.46	-0.21	19.10	3.00	34.77	PASS
		50	0		21.42	-0.21	19.06	3.00	34.77	PASS
		1	0	16QAM	21.92	-0.21	19.56	3.00	34.77	PASS
1		24	21.72		-0.21	19.36	3.00	34.77	PASS	
1		49	21.66		-0.21	19.30	3.00	34.77	PASS	
25		0	21.65		-0.21	19.29	3.00	34.77	PASS	
25		12	21.41		-0.21	19.05	3.00	34.77	PASS	
25		24	21.26		-0.21	18.90	3.00	34.77	PASS	
50		0	21.40		-0.21	19.04	3.00	34.77	PASS	



Radiated Power (ERP) for LTE Band 17 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	20.55	-0.21	18.19	3.00	34.77	PASS
		1	12		20.41	-0.21	18.05	3.00	34.77	PASS
		1	24		20.31	-0.21	17.95	3.00	34.77	PASS
		12	0		20.24	-0.21	17.88	3.00	34.77	PASS
		12	6		20.11	-0.21	17.75	3.00	34.77	PASS
		12	11		19.94	-0.21	17.58	3.00	34.77	PASS
		25	0		19.83	-0.21	17.47	3.00	34.77	PASS
		1	0	16QAM	20.40	-0.21	18.04	3.00	34.77	PASS
		1	12		20.38	-0.21	18.02	3.00	34.77	PASS
		1	24		20.24	-0.21	17.88	3.00	34.77	PASS
		12	0		20.10	-0.21	17.74	3.00	34.77	PASS
		12	6		19.94	-0.21	17.58	3.00	34.77	PASS
		12	11		19.79	-0.21	17.43	3.00	34.77	PASS
		25	0		19.77	-0.21	17.41	3.00	34.77	PASS
	Middle	QPSK	1	0	20.39	-0.21	18.03	3.00	34.77	PASS
			1	12	20.27	-0.21	17.91	3.00	34.77	PASS
			1	24	20.25	-0.21	17.89	3.00	34.77	PASS
			12	0	20.07	-0.21	17.71	3.00	34.77	PASS
			12	6	20.00	-0.21	17.64	3.00	34.77	PASS
			12	11	19.86	-0.21	17.50	3.00	34.77	PASS
			25	0	19.72	-0.21	17.36	3.00	34.77	PASS
		16QAM	1	0	20.29	-0.21	17.93	3.00	34.77	PASS
			1	12	20.16	-0.21	17.80	3.00	34.77	PASS
			1	24	20.24	-0.21	17.88	3.00	34.77	PASS
			12	0	19.96	-0.21	17.60	3.00	34.77	PASS
			12	6	19.84	-0.21	17.48	3.00	34.77	PASS
			12	11	19.72	-0.21	17.36	3.00	34.77	PASS
			25	0	19.64	-0.21	17.28	3.00	34.77	PASS
	Highest	QPSK	1	0	20.78	-0.21	18.42	3.00	34.77	PASS
			1	12	20.76	-0.21	18.40	3.00	34.77	PASS
			1	24	20.73	-0.21	18.37	3.00	34.77	PASS
			12	0	20.56	-0.21	18.20	3.00	34.77	PASS
			12	6	20.55	-0.21	18.19	3.00	34.77	PASS
			12	11	20.49	-0.21	18.13	3.00	34.77	PASS
			25	0	20.48	-0.21	18.12	3.00	34.77	PASS
		16QAM	1	0	20.64	-0.21	18.28	3.00	34.77	PASS
1			12	20.66	-0.21	18.30	3.00	34.77	PASS	
1			24	20.55	-0.21	18.19	3.00	34.77	PASS	
12			0	20.54	-0.21	18.18	3.00	34.77	PASS	
12			6	20.43	-0.21	18.07	3.00	34.77	PASS	
12			11	20.30	-0.21	17.94	3.00	34.77	PASS	
25			0	20.42	-0.21	18.06	3.00	34.77	PASS	





Radiated Power (ERP) for LTE Band 17 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	20.63	-0.21	18.27	3.00	34.77	PASS
		1	24		20.53	-0.21	18.17	3.00	34.77	PASS
		1	49		20.36	-0.21	18.00	3.00	34.77	PASS
		25	0		20.30	-0.21	17.94	3.00	34.77	PASS
		25	12		20.30	-0.21	17.94	3.00	34.77	PASS
		25	24		20.21	-0.21	17.85	3.00	34.77	PASS
		50	0		20.02	-0.21	17.66	3.00	34.77	PASS
		1	0	16QAM	20.60	-0.21	18.24	3.00	34.77	PASS
		1	24		20.52	-0.21	18.16	3.00	34.77	PASS
		1	49		20.25	-0.21	17.89	3.00	34.77	PASS
		25	0		20.23	-0.21	17.87	3.00	34.77	PASS
		25	12		20.28	-0.21	17.92	3.00	34.77	PASS
		25	24		20.08	-0.21	17.72	3.00	34.77	PASS
		50	0		19.87	-0.21	17.51	3.00	34.77	PASS
	Middle	1	0	QPSK	20.83	-0.21	18.47	3.00	34.77	PASS
		1	24		20.70	-0.21	18.34	3.00	34.77	PASS
		1	49		20.58	-0.21	18.22	3.00	34.77	PASS
		25	0		20.38	-0.21	18.02	3.00	34.77	PASS
		25	12		20.20	-0.21	17.84	3.00	34.77	PASS
		25	24		20.12	-0.21	17.76	3.00	34.77	PASS
		50	0		20.11	-0.21	17.75	3.00	34.77	PASS
		1	0	16QAM	20.67	-0.21	18.31	3.00	34.77	PASS
		1	24		20.67	-0.21	18.31	3.00	34.77	PASS
		1	49		20.43	-0.21	18.07	3.00	34.77	PASS
		25	0		20.26	-0.21	17.90	3.00	34.77	PASS
		25	12		20.16	-0.21	17.80	3.00	34.77	PASS
		25	24		19.95	-0.21	17.59	3.00	34.77	PASS
		50	0		20.01	-0.21	17.65	3.00	34.77	PASS
	Highest	1	0	QPSK	20.87	-0.21	18.51	3.00	34.77	PASS
		1	24		20.80	-0.21	18.44	3.00	34.77	PASS
		1	49		20.72	-0.21	18.36	3.00	34.77	PASS
		25	0		20.56	-0.21	18.20	3.00	34.77	PASS
		25	12		20.54	-0.21	18.18	3.00	34.77	PASS
		25	24		20.42	-0.21	18.06	3.00	34.77	PASS
		50	0		20.26	-0.21	17.90	3.00	34.77	PASS
		1	0	16QAM	20.74	-0.21	18.38	3.00	34.77	PASS
1		24	20.75		-0.21	18.39	3.00	34.77	PASS	
1		49	20.71		-0.21	18.35	3.00	34.77	PASS	
25		0	20.43		-0.21	18.07	3.00	34.77	PASS	
25		12	20.34		-0.21	17.98	3.00	34.77	PASS	
25		24	20.23		-0.21	17.87	3.00	34.77	PASS	
50		0	20.18		-0.21	17.82	3.00	34.77	PASS	



Radiated Power (EIRP) for LTE Band 66 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	20.52	0.36	20.88	1.00	30.00	PASS
		1	2		20.35	0.36	20.71	1.00	30.00	PASS
		1	5		20.16	0.36	20.52	1.00	30.00	PASS
		3	0		20.13	0.36	20.49	1.00	30.00	PASS
		3	1		20.06	0.36	20.42	1.00	30.00	PASS
		3	2		19.92	0.36	20.28	1.00	30.00	PASS
		6	0		19.74	0.36	20.10	1.00	30.00	PASS
		1	0	16QAM	20.36	0.36	20.72	1.00	30.00	PASS
		1	2		20.27	0.36	20.63	1.00	30.00	PASS
		1	5		20.03	0.36	20.39	1.00	30.00	PASS
		3	0		19.93	0.36	20.29	1.00	30.00	PASS
		3	1		20.00	0.36	20.36	1.00	30.00	PASS
		3	2		19.75	0.36	20.11	1.00	30.00	PASS
		6	0		19.67	0.36	20.03	1.00	30.00	PASS
	Middle	QPSK	1	0	20.45	0.36	20.81	1.00	30.00	PASS
			1	2	20.36	0.36	20.72	1.00	30.00	PASS
			1	5	20.21	0.36	20.57	1.00	30.00	PASS
			3	0	20.05	0.36	20.41	1.00	30.00	PASS
			3	1	20.04	0.36	20.40	1.00	30.00	PASS
			3	2	19.91	0.36	20.27	1.00	30.00	PASS
			6	0	19.81	0.36	20.17	1.00	30.00	PASS
		16QAM	1	0	20.41	0.36	20.77	1.00	30.00	PASS
			1	2	20.30	0.36	20.66	1.00	30.00	PASS
			1	5	20.14	0.36	20.50	1.00	30.00	PASS
			3	0	19.92	0.36	20.28	1.00	30.00	PASS
			3	1	19.85	0.36	20.21	1.00	30.00	PASS
			3	2	19.85	0.36	20.21	1.00	30.00	PASS
			6	0	19.66	0.36	20.02	1.00	30.00	PASS
	Highest	QPSK	1	0	20.35	0.36	20.71	1.00	30.00	PASS
			1	2	20.28	0.36	20.64	1.00	30.00	PASS
			1	5	20.18	0.36	20.54	1.00	30.00	PASS
			3	0	20.11	0.36	20.47	1.00	30.00	PASS
			3	1	19.95	0.36	20.31	1.00	30.00	PASS
			3	2	19.82	0.36	20.18	1.00	30.00	PASS
			6	0	19.73	0.36	20.09	1.00	30.00	PASS
		16QAM	1	0	20.29	0.36	20.65	1.00	30.00	PASS
1			2	20.19	0.36	20.55	1.00	30.00	PASS	
1			5	20.16	0.36	20.52	1.00	30.00	PASS	
3			0	20.01	0.36	20.37	1.00	30.00	PASS	
3			1	19.82	0.36	20.18	1.00	30.00	PASS	
3			2	19.68	0.36	20.04	1.00	30.00	PASS	
6			0	19.61	0.36	19.97	1.00	30.00	PASS	



Radiated Power (EIRP) for LTE Band 66 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	20.55	0.36	20.91	1.00	30.00	PASS
		1	7		20.38	0.36	20.74	1.00	30.00	PASS
		1	14		20.27	0.36	20.63	1.00	30.00	PASS
		8	0		20.21	0.36	20.57	1.00	30.00	PASS
		8	4		20.04	0.36	20.40	1.00	30.00	PASS
		8	7		19.87	0.36	20.23	1.00	30.00	PASS
		15	0		19.86	0.36	20.22	1.00	30.00	PASS
		1	0	16QAM	20.55	0.36	20.91	1.00	30.00	PASS
		1	7		20.35	0.36	20.71	1.00	30.00	PASS
		1	14		20.15	0.36	20.51	1.00	30.00	PASS
		8	0		20.16	0.36	20.52	1.00	30.00	PASS
		8	4		19.98	0.36	20.34	1.00	30.00	PASS
		8	7		19.72	0.36	20.08	1.00	30.00	PASS
		15	0		19.69	0.36	20.05	1.00	30.00	PASS
		Middle	QPSK	1	0	20.39	0.36	20.75	1.00	30.00
	1			7	20.21	0.36	20.57	1.00	30.00	PASS
	1			14	20.10	0.36	20.46	1.00	30.00	PASS
	8			0	20.00	0.36	20.36	1.00	30.00	PASS
	8			4	19.84	0.36	20.20	1.00	30.00	PASS
	8			7	19.70	0.36	20.06	1.00	30.00	PASS
	15			0	19.70	0.36	20.06	1.00	30.00	PASS
	16QAM		1	0	20.25	0.36	20.61	1.00	30.00	PASS
			1	7	20.21	0.36	20.57	1.00	30.00	PASS
			1	14	19.90	0.36	20.26	1.00	30.00	PASS
			8	0	19.90	0.36	20.26	1.00	30.00	PASS
			8	4	19.68	0.36	20.04	1.00	30.00	PASS
			8	7	19.68	0.36	20.04	1.00	30.00	PASS
			15	0	19.58	0.36	19.94	1.00	30.00	PASS
			Highest	QPSK	1	0	20.49	0.36	20.85	1.00
	1	7			20.38	0.36	20.74	1.00	30.00	PASS
	1	14			20.28	0.36	20.64	1.00	30.00	PASS
	8	0			20.26	0.36	20.62	1.00	30.00	PASS
	8	4			20.20	0.36	20.56	1.00	30.00	PASS
	8	7			20.12	0.36	20.48	1.00	30.00	PASS
	15	0			19.93	0.36	20.29	1.00	30.00	PASS
	16QAM	1		0	20.46	0.36	20.82	1.00	30.00	PASS
1		7		20.30	0.36	20.66	1.00	30.00	PASS	
1		14		20.18	0.36	20.54	1.00	30.00	PASS	
8		0		20.17	0.36	20.53	1.00	30.00	PASS	
8		4		20.12	0.36	20.48	1.00	30.00	PASS	
8		7		19.98	0.36	20.34	1.00	30.00	PASS	
15		0		19.85	0.36	20.21	1.00	30.00	PASS	



Radiated Power (EIRP) for LTE Band 66 /5M											
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict	
5	Lowest	1	0	QPSK	20.58	0.36	20.94	1.00	30.00	PASS	
		1	12		20.40	0.36	20.76	1.00	30.00	PASS	
		1	24		20.33	0.36	20.69	1.00	30.00	PASS	
		12	0		20.27	0.36	20.63	1.00	30.00	PASS	
		12	6		20.09	0.36	20.45	1.00	30.00	PASS	
		12	11		20.03	0.36	20.39	1.00	30.00	PASS	
		25	0	19.96	0.36	20.32	1.00	30.00	PASS		
		1	0	16QAM	20.41	0.36	20.77	1.00	30.00	PASS	
		1	12		20.33	0.36	20.69	1.00	30.00	PASS	
		1	24		20.33	0.36	20.69	1.00	30.00	PASS	
		12	0		20.20	0.36	20.56	1.00	30.00	PASS	
		12	6		20.09	0.36	20.45	1.00	30.00	PASS	
		12	11		19.91	0.36	20.27	1.00	30.00	PASS	
		25	0	19.80	0.36	20.16	1.00	30.00	PASS		
		Middle	QPSK	1	0	20.15	0.36	20.51	1.00	30.00	PASS
				1	12	20.04	0.36	20.40	1.00	30.00	PASS
				1	24	20.00	0.36	20.36	1.00	30.00	PASS
				12	0	19.83	0.36	20.19	1.00	30.00	PASS
	12			6	19.66	0.36	20.02	1.00	30.00	PASS	
	12			11	19.60	0.36	19.96	1.00	30.00	PASS	
	25		0	19.43	0.36	19.79	1.00	30.00	PASS		
	16QAM		1	0	20.04	0.36	20.40	1.00	30.00	PASS	
			1	12	19.96	0.36	20.32	1.00	30.00	PASS	
			1	24	19.84	0.36	20.20	1.00	30.00	PASS	
			12	0	19.68	0.36	20.04	1.00	30.00	PASS	
			12	6	19.47	0.36	19.83	1.00	30.00	PASS	
			12	11	19.44	0.36	19.80	1.00	30.00	PASS	
	25		0	19.26	0.36	19.62	1.00	30.00	PASS		
	Highest		QPSK	1	0	20.57	0.36	20.93	1.00	30.00	PASS
				1	12	20.51	0.36	20.87	1.00	30.00	PASS
				1	24	20.51	0.36	20.87	1.00	30.00	PASS
				12	0	20.48	0.36	20.84	1.00	30.00	PASS
		12		6	20.33	0.36	20.69	1.00	30.00	PASS	
		12		11	20.14	0.36	20.50	1.00	30.00	PASS	
		25	0	19.94	0.36	20.30	1.00	30.00	PASS		
		16QAM	1	0	20.57	0.36	20.93	1.00	30.00	PASS	
			1	12	20.33	0.36	20.69	1.00	30.00	PASS	
			1	24	20.38	0.36	20.74	1.00	30.00	PASS	
			12	0	20.30	0.36	20.66	1.00	30.00	PASS	
			12	6	20.22	0.36	20.58	1.00	30.00	PASS	
			12	11	20.09	0.36	20.45	1.00	30.00	PASS	
		25	0	19.88	0.36	20.24	1.00	30.00	PASS		



Radiated Power (EIRP) for LTE Band 66 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	20.95	0.36	21.31	1.00	30.00	PASS
		1	24		20.81	0.36	21.17	1.00	30.00	PASS
		1	49		20.73	0.36	21.09	1.00	30.00	PASS
		25	0		20.65	0.36	21.01	1.00	30.00	PASS
		25	12		20.65	0.36	21.01	1.00	30.00	PASS
		25	24		20.54	0.36	20.90	1.00	30.00	PASS
		50	0		20.42	0.36	20.78	1.00	30.00	PASS
		1	0	16QAM	20.80	0.36	21.16	1.00	30.00	PASS
		1	24		20.67	0.36	21.03	1.00	30.00	PASS
		1	49		20.67	0.36	21.03	1.00	30.00	PASS
		25	0		20.60	0.36	20.96	1.00	30.00	PASS
		25	12		20.59	0.36	20.95	1.00	30.00	PASS
		25	24		20.39	0.36	20.75	1.00	30.00	PASS
		50	0		20.37	0.36	20.73	1.00	30.00	PASS
	Middle	QPSK	1	0	20.88	0.36	21.24	1.00	30.00	PASS
			1	24	20.87	0.36	21.23	1.00	30.00	PASS
			1	49	20.82	0.36	21.18	1.00	30.00	PASS
			25	0	20.79	0.36	21.15	1.00	30.00	PASS
			25	12	20.60	0.36	20.96	1.00	30.00	PASS
			25	24	20.59	0.36	20.95	1.00	30.00	PASS
			50	0	20.45	0.36	20.81	1.00	30.00	PASS
		16QAM	1	0	20.87	0.36	21.23	1.00	30.00	PASS
			1	24	20.70	0.36	21.06	1.00	30.00	PASS
			1	49	20.68	0.36	21.04	1.00	30.00	PASS
			25	0	20.67	0.36	21.03	1.00	30.00	PASS
			25	12	20.48	0.36	20.84	1.00	30.00	PASS
			25	24	20.56	0.36	20.92	1.00	30.00	PASS
			50	0	20.42	0.36	20.78	1.00	30.00	PASS
	Highest	QPSK	1	0	20.69	0.36	21.05	1.00	30.00	PASS
			1	24	20.51	0.36	20.87	1.00	30.00	PASS
			1	49	20.47	0.36	20.83	1.00	30.00	PASS
			25	0	20.38	0.36	20.74	1.00	30.00	PASS
			25	12	20.21	0.36	20.57	1.00	30.00	PASS
			25	24	20.10	0.36	20.46	1.00	30.00	PASS
			50	0	19.96	0.36	20.32	1.00	30.00	PASS
		16QAM	1	0	20.56	0.36	20.92	1.00	30.00	PASS
1			24	20.34	0.36	20.70	1.00	30.00	PASS	
1			49	20.34	0.36	20.70	1.00	30.00	PASS	
25			0	20.37	0.36	20.73	1.00	30.00	PASS	
25			12	20.02	0.36	20.38	1.00	30.00	PASS	
25			24	20.06	0.36	20.42	1.00	30.00	PASS	
50			0	19.94	0.36	20.30	1.00	30.00	PASS	



Radiated Power (EIRP) for LTE Band 66 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	20.87	0.36	21.23	1.00	30.00	PASS
		1	37		20.79	0.36	21.15	1.00	30.00	PASS
		1	74		20.65	0.36	21.01	1.00	30.00	PASS
		36	0		20.55	0.36	20.91	1.00	30.00	PASS
		36	18		20.46	0.36	20.82	1.00	30.00	PASS
		36	39		20.44	0.36	20.80	1.00	30.00	PASS
		75	0		20.34	0.36	20.70	1.00	30.00	PASS
		1	0	16QAM	20.76	0.36	21.12	1.00	30.00	PASS
		1	37		20.69	0.36	21.05	1.00	30.00	PASS
		1	74		20.61	0.36	20.97	1.00	30.00	PASS
		36	0		20.51	0.36	20.87	1.00	30.00	PASS
		36	18		20.33	0.36	20.69	1.00	30.00	PASS
		36	39		20.26	0.36	20.62	1.00	30.00	PASS
		75	0		20.30	0.36	20.66	1.00	30.00	PASS
	Middle	1	0	QPSK	20.93	0.36	21.29	1.00	30.00	PASS
		1	37		20.91	0.36	21.27	1.00	30.00	PASS
		1	74		20.88	0.36	21.24	1.00	30.00	PASS
		36	0		20.85	0.36	21.21	1.00	30.00	PASS
		36	18		20.77	0.36	21.13	1.00	30.00	PASS
		36	39		20.73	0.36	21.09	1.00	30.00	PASS
		75	0		20.68	0.36	21.04	1.00	30.00	PASS
		1	0	16QAM	20.89	0.36	21.25	1.00	30.00	PASS
		1	37		20.77	0.36	21.13	1.00	30.00	PASS
		1	74		20.76	0.36	21.12	1.00	30.00	PASS
		36	0		20.78	0.36	21.14	1.00	30.00	PASS
		36	18		20.69	0.36	21.05	1.00	30.00	PASS
		36	39		20.62	0.36	20.98	1.00	30.00	PASS
		75	0		20.61	0.36	20.97	1.00	30.00	PASS
	Highest	1	0	QPSK	20.70	0.36	21.06	1.00	30.00	PASS
		1	37		20.62	0.36	20.98	1.00	30.00	PASS
		1	74		20.61	0.36	20.97	1.00	30.00	PASS
		36	0		20.59	0.36	20.95	1.00	30.00	PASS
		36	18		20.52	0.36	20.88	1.00	30.00	PASS
		36	39		20.42	0.36	20.78	1.00	30.00	PASS
		75	0		20.28	0.36	20.64	1.00	30.00	PASS
		1	0	16QAM	20.59	0.36	20.95	1.00	30.00	PASS
1		37	20.55		0.36	20.91	1.00	30.00	PASS	
1		74	20.47		0.36	20.83	1.00	30.00	PASS	
36		0	20.47		0.36	20.83	1.00	30.00	PASS	
36		18	20.36		0.36	20.72	1.00	30.00	PASS	
36		39	20.34		0.36	20.70	1.00	30.00	PASS	
75		0	20.13		0.36	20.49	1.00	30.00	PASS	



Radiated Power (EIRP) for LTE Band 66 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	21.30	0.36	21.66	1.00	30.00	PASS
		1	49		21.21	0.36	21.57	1.00	30.00	PASS
		1	99		21.03	0.36	21.39	1.00	30.00	PASS
		50	0		21.01	0.36	21.37	1.00	30.00	PASS
		50	24		20.94	0.36	21.30	1.00	30.00	PASS
		50	49		20.91	0.36	21.27	1.00	30.00	PASS
		100	0	20.86	0.36	21.22	1.00	30.00	PASS	
		1	0	16QAM	21.10	0.36	21.46	1.00	30.00	PASS
		1	49		21.12	0.36	21.48	1.00	30.00	PASS
		1	99		20.93	0.36	21.29	1.00	30.00	PASS
		50	0		20.90	0.36	21.26	1.00	30.00	PASS
		50	24		20.89	0.36	21.25	1.00	30.00	PASS
		50	49		20.73	0.36	21.09	1.00	30.00	PASS
		100	0	20.75	0.36	21.11	1.00	30.00	PASS	
		1	0	QPSK	21.36	0.36	21.72	1.00	30.00	PASS
		1	49		21.16	0.36	21.52	1.00	30.00	PASS
		1	99		21.11	0.36	21.47	1.00	30.00	PASS
		50	0		21.07	0.36	21.43	1.00	30.00	PASS
	50	24	20.95		0.36	21.31	1.00	30.00	PASS	
	50	49	20.84		0.36	21.20	1.00	30.00	PASS	
	100	0	20.75	0.36	21.11	1.00	30.00	PASS		
	1	0	16QAM	21.23	0.36	21.59	1.00	30.00	PASS	
	1	49		21.07	0.36	21.43	1.00	30.00	PASS	
	1	99		21.09	0.36	21.45	1.00	30.00	PASS	
	50	0		20.87	0.36	21.23	1.00	30.00	PASS	
	50	24		20.94	0.36	21.30	1.00	30.00	PASS	
	50	49		20.67	0.36	21.03	1.00	30.00	PASS	
	100	0	20.59	0.36	20.95	1.00	30.00	PASS		
	1	0	QPSK	20.98	0.36	21.34	1.00	30.00	PASS	
	1	49		20.79	0.36	21.15	1.00	30.00	PASS	
	1	99		20.70	0.36	21.06	1.00	30.00	PASS	
	50	0		20.65	0.36	21.01	1.00	30.00	PASS	
	50	24		20.50	0.36	20.86	1.00	30.00	PASS	
	50	49		20.33	0.36	20.69	1.00	30.00	PASS	
	100	0	20.31	0.36	20.67	1.00	30.00	PASS		
	1	0	16QAM	20.83	0.36	21.19	1.00	30.00	PASS	
	1	49		20.61	0.36	20.97	1.00	30.00	PASS	
	1	99		20.52	0.36	20.88	1.00	30.00	PASS	
	50	0		20.47	0.36	20.83	1.00	30.00	PASS	
	50	24		20.38	0.36	20.74	1.00	30.00	PASS	
	50	49		20.32	0.36	20.68	1.00	30.00	PASS	
	100	0	20.26	0.36	20.62	1.00	30.00	PASS		

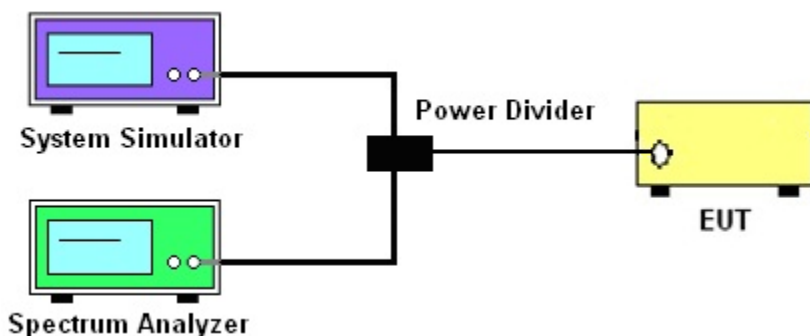
#### 4. PEAK-TO-AVERAGE RATIO

##### 4.1 DESCRIPTION OF THE CONDUCTED OUTPUT POWER MEASUREMENT

###### 4.1.1 MEASUREMENT METHOD

Use one of the procedures presented in 4.1.3 to measure the total peak power and record as PPK. Use one of the applicable procedures presented 4.1.3 to measure the total average power and record as PAVg. Both the peak and average power levels must be expressed in the same logarithmic units (e.g., dBm). Determine the PAPR from:  
 $PAPR (dB) = PPK (dBm) - PAVg (dBm)$ .

###### 4.1.2 TEST SETUP



###### 4.1.3 TEST PROCEDURES

1. The testing follows FCC KDB 971168 D01 v03r01 Section 5.7 and ANSI C63.26 2015 Section 5.2.6.
2. The EUT was connected to spectrum and system simulator via a power divider
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Set the test probe and measure the peak and average power of the spectrum analyzer
5. Record the deviation as Peak to Average Ratio.

	LTE					
LTE BW	1.4M	3M	5M	10M	15M	20M
Span	3MHz	6MHz	10MHz	20MHz	30MHz	40MHz
RBW	30kHz	30kHz	100kHz	100kHz	300kHz	300kHz
VBW	100kHz	100kHz	300kHz	300kHz	1000kHz	1000kHz
Detector	PK/AVG	PK/AVG	PK/AVG	PK/AVG	PK/AVG	PK/AVG
Trace	Max	Max	Max	Max	Max	Max
Sweep Count	Auto	Auto	Auto	Auto	Auto	Auto





4.1.4 TEST RESULTS

LTE Band 2 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
20	1	QPSK	5.12	5.32	5.47
20	100		5.59	5.7	5.7
20	1	16-QAM	5.48	5.82	6.21
20	100		6.4	6.54	6.33
Limit			≤13dB		

LTE Band 4 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
20	1	QPSK	4.69	4.78	4.75
20	100		5.52	5.54	5.56
20	1	16-QAM	5.75	5.31	5.19
20	100		6.29	6.24	6.36
Limit			≤13dB		

LTE Band 5 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
10	1	QPSK	3.79	3.79	3.89
10	50		4.66	4.64	4.73
10	1	16-QAM	4.62	4.61	4.67
10	50		5.52	5.55	5.54
Limit			≤13dB		

LTE Band 7 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
20	1	QPSK	5.88	5.41	4.81
20	100		5.58	5.67	5.94
20	1	16-QAM	5.6	5.89	5.91
20	100		6.43	6.46	6.42
Limit			≤13dB		
N/A	N/A	N/A	N/A	N/A	

LTE Band 12 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
10	1	QPSK	3.5	3.56	3.52
10	50		4.42	4.43	4.47
10	1	16-QAM	4.27	4.29	4.29
10	50		5.15	5.24	5.2
Limit			≤13dB		

LTE Band 17 PAR [dBm]					
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BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
10	1	QPSK	3.56	3.46	3.59
10	50		4.43	4.45	4.46
10	1	16-QAM	4.11	4.29	4.35
10	50		5.24	5.27	5.28
Limit			≤13dB		

LTE Band 66 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
20	1	QPSK	4.66	4.89	4.75
20	100		5.4	5.53	5.55
20	1	16-QAM	5.29	5.55	5.6
20	100		6.18	6.37	6.25
Limit			≤13dB		

Note: Test chart See Appendix D

