RADIO TEST REPORT

Report No.:STS2007352W12

Issued for

Shanghai Unihertz E-Commerce Co., Ltd

Room 302, No. 5, Lane 59, Shennan Rd, Minhang district ，
Shanghai, China 201108

Product Name:	Smart phone
Brand Name:	Unihertz
Model Name:	Jelly2
Series Model:	N/A
FCC ID:	2AK6CJELLY2
Test Standard:	47 CFR Part 2, 22, 24(E), 27, 90

Shenzhen STS Test Services Co., Ltd.
A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ,
Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China
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TEST RESULT CERTIFICATION

Applicant's Name.....:	Shanghai Unihertz E-Commerce Co., Ltd
Address .....:	Room 302, No. 5, Lane 59, Shennan Rd, Minhang district · Shanghai, China 201108
Manufacturer's Name.....:	OBLUE Communication Technology Co., Ltd.
Address .....:	7th floor, building B, dayou industrial and trade industrial park, heping yonghe road, fuyong street, baoan district, shenzhen, China.

Product Description

Product Name .....:	Smart phone
Brand Name .....:	Unihertz
Model Name.....:	Jelly2
Series Model .....:	N/A
Test Standards.....:	47 CFR Part 2, 22, 24(E), 27, 90
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.....:	30 July 2020
Date (s) of performance of tests .:	30 July 2020 ~ 21 Aug. 2020
Date of Issue .....:	21 Aug. 2020
Test Result .....:	Pass

Testing Engineer : Chris Chen
(Chris Chen)

Technical Manager : Sean She
(Sean she)

Authorized Signatory : Vita Li
(Vita Li)

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Revision History

Rev.	Issue Date	Report NO.	Effect Page	Contents
00	21 Aug. 2020	STS2007352W12	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 ± U, where expended 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	±0.68dB
2	Unwanted Emissions, conducted	±2.988dB
3	All emissions, radiated 30-1GHz	±5.6dB
4	All emissions, radiated 1G-6GHz	±5.5dB
5	All emissions, radiated>6G	±5.8dB
6	Conducted Emission (9KHz-150KHz)	±3.37dB
7	Conducted Emission (150KHz-30MHz)	±3.83dB

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	Smart phone
Trade Name	Unihertz
Model Name	Jelly2
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 13 LTE FDD Band 17 LTE FDD Band 18 LTE FDD Band 19 LTE TDD Band 25 LTE FDD Band 26 LTE TDD Band 40 LTE TDD Band 41 LTE FDD Band 66
SIM Card	Only support single 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	LTEB2/B4/B7/B25/40/B41/B66:-0.69dBi LTEB5/B18/B19/B26: -1.79dBi LTEB12/B13/B17: -1.87dBi
Battery parameter	Rated Voltage: 3.85V Charge Limit: 4.4V Capacity: 2000MAH
Adapter	Input: 100-240V-50/60HZ 0.3A Output: 5.0V-1.5A 7.5W
Extreme Vol. Limits	4.4V to 3.55V (Nominal 3.85V)
Extreme Temp. Tolerance	-30℃ to +50℃
Hardware version number	G55_V1.1
Software version number	Unihertz_Jelly2_20200506

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 13:777~787MHz LTE Band 17:704~716MHz LTE Band 18: 815 ~ 830 MHz LTE Band 19: 830 ~ 845 MHz LTE Band 25:1850~1915MHz LTE Band 26:814~849MHz LTE Band 40:2305~2315MHz/2350~2360MHz LTE Band 41:2555~2655MHz 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 13:746~756MHz LTE Band 17:734~746MHz LTE Band 18: 860 ~ 875 MHz LTE Band 19: 875 ~ 890 MHz LTE Band 25:1930~1995MHz LTE Band 26:859~894MHz LTE Band 40:2305~2315MHz/2350~2360MHz LTE Band 41:2555~2655MHz 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 13: 5MHz / 10MHz LTE Band 17: 5MHz / 10MHz LTE Band 18: 5MHz / 10MHz / 15MHz LTE Band 19: 5MHz / 10MHz / 15MHz LTE Band 25: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz /20MHz LTE Band 26: 1.4MHz / 3MHz / 5MHz / 10MHz/15MHz LTE Band 40: 5MHz / 10MHz LTE Band 41: 5MHz / 10MHz / 15MHz /20MHz LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz /20MHz

Maximum Output Power	LTE Band 2: 23.18 dBm LTE Band 4: 23.26 dBm LTE Band 5: 23.53 dBm LTE Band 7: 22.87 dBm LTE Band 12: 25.14 dBm LTE Band 13: 22.26 dBm LTE Band 17: 22.35 dBm LTE Band 25: 22.61 dBm LTE Band 26: 26.57 dBm LTE Band 40: 22.49 dBm LTE Band 41: 22.23 dBm LTE Band 66: 24.53 dBm

RF Function	Band	Mode	Modulation	Power Class	Ant Gain(dBi)	Ant Type	SIM Card
LTE	FDD: 2/4/5/7/12/13/17 /25/26/66 TDD:40/41	\	QPSK, 16QAM	3	LTEB2/B4/B7/B25/40 /B41/B66:-0.69 LTEB5/B26: -1.79 LTEB12/B13/B17: -1.87	PIFA	2 SIM 1 is used to tested.

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	4M53W7D
10	8M98G7D	8M96W7D
15	13M5G7D	13M5W7D
20	17M9G7D	17M9W7D
LTE Band 4	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M68G7D	2M68W7D
5	4M53G7D	4M54W7D
10	8M97G7D	8M96W7D
15	13M5G7D	14M5W7D
20	17M9G7D	17M9W7D
LTE Band 5	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M68G7D	2M68W7D
5	4M60G7D	4M55W7D
10	8M98G7D	8M96W7D
LTE Band 7	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M53G7D	4M54W7D
10	8M95G7D	8M95W7D
15	13M5G7D	13M5W7D
20	17M9G7D	17M9W7D
LTE Band 12	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M11G7D	1M10W7D
3	2M68G7D	2M68W7D
5	4M53G7D	4M53W7D
10	8M97G7D	8M98W7D
LTE Band 13	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M53G7D	4M55W7D
10	9M01G7D	8M99W7D
LTE Band 17	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M52G7D	4M55W7D
10	8M96G7D	8M96W7D
LTE Band 25	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M68G7D	2M68W7D
5	4M53G7D	4M54W7D
10	8M95G7D	8M96W7D
15	13M5G7D	13M5W7D
20	17M9G7D	17M9W7D

LTE Band 26 (Part 22)	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M69G7D	2M68W7D
5	4M51G7D	4M52W7D
10	8M94G7D	8M94W7D
15	13M5G7D	13M5W7D
LTE Band 26 (Part 90)	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M68G7D	2M68W7D
5	4M51G7D	4M51W7D
10	8M94G7D	8M95W7D
LTE Band 40	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M52G7D	4M53W7D
10	8M95G7D	8M95W7D
LTE Band 41	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M51G7D	4M50W7D
10	8M94G7D	8M93W7D
15	13M5G7D	13M5W7D
20	17M9G7D	17M9W7D
LTE Band 66	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M68G7D	2M68W7D
5	4M54G7D	4M55W7D
10	8M97G7D	8M96W7D
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 tofind 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
	13			v	v			v	v	v	v	v		v	
	17			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
	26	v	v	v	v	v		v	v	v	v	v	v	v	v
	40			v	v			v	v	v	v	v	v	v	v
	41			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
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
	13				v			v	v	v		v		v	
	17				v			v	v	v		v	v	v	v
	25						v	v	v	v		v	v	v	v
	26					v		v	v	v		v	v	v	v
	40				v			v	v	v		v		v	
	41						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
	13			v	v			v	v			v		v	
	17			v	v			v	v			v	v	v	v
	25	v	v	v	v	v	v	v	v			v	v	v	v
	26	v	v	v	v	v		v	v			v	v	v	v
	40			v	v			v	v			v		v	
	41			v	v	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
	13			v	v			v	v	v		v		v	
	17			v	v			v	v	v		v	v	v	v
	25	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
	40			v	v			v	v	v		v		v	
	41			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
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
	13			v	v			v	v	v				v	
	17			v	v			v	v	v			v	v	v
	25	v	v	v	v	v	v	v	v	v			v	v	v
	26	v	v	v	v	v		v	v	v			v	v	v
	40			v	v			v	v	v				v	
	41			v	v	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	
	13				v			v				v		v	
	17				v			v				v		v	
	25				v			v				v		v	
	26				v			v				v		v	
	40				v			v				v		v	
	41				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
	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
	13				v			v				v		v	
	17			v	v			v	v	v			v	v	v
	25	v	v	v	v	v	v	v	v	v			v	v	v
	26	v	v	v	v	v		v	v	v			v	v	v
	40				v			v				v		v	
	41			v	v	v	v	v	v	v			v	v	v
	66	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
	13			v	v			v		v				v	
	17			v	v			v		v			v	v	v
	25	v	v	v	v	v	v	v		v			v	v	v
	26	v	v	v	v	v		v		v			v	v	v
	40			v	v			v		v				v	
	41			v	v	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, 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.

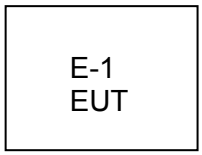


Table 2-1 Equipment Used in EUT System

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.

2.1.10 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	2019.10.09	2020.10.08
Signal Analyzer	Agilent	N9020A	MY51110105	2020.03.05	2021.03.04
Wireless Communications Test Set	R&S	CMW 500	133884	2020.03.05	2021.03.04
Bilog Antenna	TESEQ	CBL6111D	34678	2017.11.02	2020.11.01
Horn Antenna	SCHWARZBECK	BBHA 9120D(1201)	9120D-1343	2018.10.19	2021.10.18
SHF-EHF Horn Antenna (18G-40GHz)	A-INFO	LB-180400-KF	J211020657	2018.03.11	2021.03.10
Pre-Amplifier (0.1M-3GHz)	EM	EM330	060665	2019.10.09	2020.10.08
Pre-Amplifier (1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2019.10.12	2020.10.11
Pre-Amplifier (18G-40GHz)	SKET	LNPA-1840-50	SK2018101801	2019.10.12	2020.10.11
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	2019.10.17	2020.10.16
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	2020.10.11	2021.10.10
Wireless Communications Test Set	R&S	CMW 500	133884	2020.03.05	2021.03.04
Signal Analyzer	Agilent	N9020A	MY49100060	2019.10.09	2020.10.08
Temperature & Humidity	HH660	Mieo	N/A	2019.10.17	2020.10.16
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 factorbetween 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.

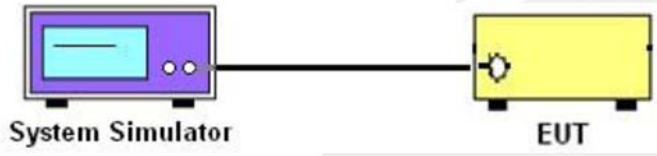
3. CONDUCTED OUTPUT POWER

3.1 DESCRIPTION OF THE CONDUCTED OUTPUT POWER MEASUREMENT

3.1.1 MEASUREMENT METHOD

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.

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

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	22.76	22.73	22.85
1.4	1	2		22.49	22.51	22.57
1.4	1	5		22.22	22.26	22.35
1.4	3	0		22.00	21.99	22.07
1.4	3	1		21.74	21.78	21.77
1.4	3	2		21.51	21.53	21.50
1.4	6	0		21.22	21.29	21.26
1.4	1	0	16-QAM	22.53	22.44	22.64
1.4	1	2		22.24	22.18	22.39
1.4	1	5		22.01	21.94	22.10
1.4	3	0		21.72	21.72	21.89
1.4	3	1		21.43	21.44	21.60
1.4	3	2		21.14	21.23	21.40
1.4	6	0		20.93	20.97	21.20
3	1	0	QPSK	22.95	22.97	22.96
3	1	7		22.69	22.71	22.68
3	1	14		22.44	22.43	22.42
3	8	0		22.18	22.20	22.20
3	8	4		21.90	21.90	21.97
3	8	7		21.64	21.62	21.72
3	15	0		21.39	21.36	21.51
3	1	0	16-QAM	22.67	22.71	22.71
3	1	7		22.38	22.51	22.41
3	1	14		22.08	22.31	22.18
3	8	0		21.87	22.08	21.97
3	8	4		21.60	21.83	21.69
3	8	7		21.36	21.62	21.44
3	15	0		21.13	21.33	21.23

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.80	22.77	22.77
5	1	12		22.57	22.53	22.49
5	1	24		22.34	22.31	22.21
5	12	0		22.05	22.02	21.93
5	12	6		21.79	21.81	21.69
5	12	11		21.51	21.53	21.48
5	25	0		21.28	21.26	21.26
5	1	0	16-QAM	22.51	22.57	22.55
5	1	12		22.22	22.28	22.25
5	1	24		21.93	22.07	22.04
5	12	0		21.63	21.81	21.83
5	12	6		21.37	21.53	21.53
5	12	11		21.17	21.31	21.24
5	25	0		20.92	21.10	21.03
10	1	0	QPSK	22.65	22.71	22.89
10	1	24		22.36	22.42	22.69
10	1	49		22.12	22.22	22.41
10	25	0		21.86	21.94	22.17
10	25	12		21.62	21.65	21.92
10	25	24		21.41	21.39	21.69
10	50	0		21.15	21.14	21.44
10	1	0	16-QAM	22.41	22.46	22.60
10	1	24		22.11	22.20	22.35
10	1	49		21.90	21.96	22.06
10	25	0		21.61	21.72	21.81
10	25	12		21.32	21.49	21.52
10	25	24		21.05	21.20	21.30
10	50	0		20.78	20.98	21.07

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	22.80	22.72	22.94
15	1	37		22.58	22.51	22.70
15	1	74		22.35	22.24	22.48
15	36	0		22.08	21.97	22.19
15	36	18		21.82	21.73	21.93
15	36	39		21.55	21.49	21.69
15	75	0		21.29	21.21	21.39
15	1	0	16-QAM	22.50	22.47	22.70
15	1	38		22.27	22.27	22.45
15	1	75		22.04	21.98	22.16
15	36	0		21.83	21.70	21.94
15	36	18		21.56	21.40	21.67
15	36	39		21.32	21.13	21.47
15	75	0		21.03	20.89	21.23
20	1	0	QPSK	23.05	22.97	23.18
20	1	49		22.76	22.69	22.98
20	1	99		22.55	22.44	22.74
20	50	0		22.34	22.23	22.53
20	50	24		22.10	21.97	22.26
20	50	49		21.87	21.70	22.00
20	100	0		21.63	21.44	21.72
20	1	0	16-QAM	22.81	22.68	22.95
20	1	49		22.58	22.43	22.73
20	1	99		22.31	22.19	22.44
20	50	0		22.07	21.98	22.20
20	50	24		21.78	21.74	21.94
20	50	49		21.54	21.50	21.66
20	100	0		21.27	21.27	21.41

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	22.76	22.81	22.72
1.4	1	2		22.50	22.58	22.44
1.4	1	5		22.28	22.33	22.17
1.4	3	0		22.07	22.06	21.90
1.4	3	1		21.80	21.81	21.60
1.4	3	2		21.58	21.57	21.39
1.4	6	0		21.36	21.37	21.18
1.4	1	0	16-QAM	22.46	22.58	22.47
1.4	1	2		22.17	22.33	22.18
1.4	1	5		21.88	22.07	21.95
1.4	3	0		21.63	21.86	21.68
1.4	3	1		21.35	21.64	21.46
1.4	3	2		21.15	21.42	21.19
1.4	6	0		20.87	21.22	20.89
3	1	0	QPSK	22.69	22.72	22.89
3	1	7		22.47	22.46	22.68
3	1	14		22.27	22.23	22.46
3	8	0		21.99	22.02	22.16
3	8	4		21.72	21.73	21.88
3	8	7		21.42	21.50	21.62
3	15	0		21.14	21.27	21.34
3	1	0	16-QAM	22.43	22.48	22.64
3	1	7		22.18	22.28	22.38
3	1	14		21.92	22.01	22.14
3	8	0		21.64	21.80	21.92
3	8	4		21.39	21.52	21.70
3	8	7		21.16	21.23	21.44
3	15	0		20.89	20.97	21.14

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.74	22.89	22.62
5	1	12		22.54	22.66	22.33
5	1	24		22.31	22.36	22.09
5	12	0		22.07	22.08	21.84
5	12	6		21.82	21.87	21.57
5	12	11		21.57	21.63	21.35
5	25	0		21.35	21.40	21.09
5	1	0	16-QAM	22.45	22.68	22.36
5	1	12		22.24	22.42	22.08
5	1	24		21.99	22.14	21.81
5	12	0		21.76	21.88	21.58
5	12	6		21.53	21.62	21.36
5	12	11		21.32	21.35	21.14
5	25	0		21.06	21.15	20.86
10	1	0	QPSK	22.82	22.81	22.85
10	1	24		22.57	22.53	22.57
10	1	49		22.28	22.29	22.28
10	25	0		22.05	22.05	21.99
10	25	12		21.85	21.84	21.77
10	25	24		21.64	21.54	21.56
10	50	0		21.34	21.25	21.27
10	1	0	16-QAM	22.56	22.57	22.65
10	1	24		22.30	22.33	22.39
10	1	49		22.06	22.09	22.14
10	25	0		21.78	21.86	21.91
10	25	12		21.53	21.57	21.67
10	25	24		21.25	21.36	21.46
10	50	0		20.98	21.15	21.25

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	22.93	22.95	22.85
15	1	37		22.69	22.69	22.64
15	1	74		22.41	22.41	22.41
15	36	0		22.17	22.11	22.18
15	36	18		21.91	21.82	21.96
15	36	39		21.61	21.56	21.68
15	75	0		21.40	21.30	21.44
15	1	0	16-QAM	22.65	22.74	22.55
15	1	38		22.40	22.50	22.31
15	1	75		22.15	22.22	22.05
15	36	0		21.87	21.92	21.80
15	36	18		21.64	21.71	21.59
15	36	39		21.36	21.44	21.33
15	75	0		21.12	21.23	21.04
20	1	0	QPSK	23.26	23.15	23.03
20	1	49		23.01	22.93	22.75
20	1	99		22.79	22.68	22.48
20	50	0		22.55	22.39	22.26
20	50	24		22.35	22.12	22.01
20	50	49		22.09	21.89	21.77
20	100	0		21.85	21.66	21.56
20	1	0	16-QAM	23.05	22.91	22.78
20	1	49		22.82	22.70	22.49
20	1	99		22.53	22.45	22.24
20	50	0		22.28	22.16	21.95
20	50	24		22.03	21.93	21.69
20	50	49		21.81	21.71	21.46
20	100	0		21.58	21.46	21.18

LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.36	23.27	23.29
1.4	1	2		23.06	22.97	23.01
1.4	1	5		22.81	22.77	22.73
1.4	3	0		22.54	22.54	22.44
1.4	3	1		22.25	22.29	22.17
1.4	3	2		22.01	22.09	21.93
1.4	6	0		21.75	21.82	21.69
1.4	1	0	16-QAM	23.10	23.02	23.03
1.4	1	2		22.87	22.73	22.81
1.4	1	5		22.58	22.44	22.54
1.4	3	0		22.29	22.18	22.24
1.4	3	1		22.06	21.96	22.03
1.4	3	2		21.81	21.66	21.77
1.4	6	0		21.53	21.46	21.49
3	1	0	QPSK	23.37	23.43	23.32
3	1	7		23.15	23.18	23.09
3	1	14		22.91	22.94	22.87
3	8	0		22.61	22.65	22.67
3	8	4		22.33	22.37	22.41
3	8	7		22.04	22.11	22.15
3	15	0		21.76	21.83	21.87
3	1	0	16-QAM	23.08	23.19	23.02
3	1	7		22.87	22.97	22.77
3	1	14		22.61	22.73	22.47
3	8	0		22.34	22.53	22.27
3	8	4		22.14	22.28	22.07
3	8	7		21.86	22.00	21.79
3	15	0		21.58	21.73	21.54

LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.43	23.21	23.41
5	1	12		23.15	22.98	23.16
5	1	24		22.93	22.71	22.89
5	12	0		22.65	22.43	22.61
5	12	6		22.44	22.15	22.37
5	12	11		22.14	21.85	22.16
5	25	0		21.93	21.62	21.86
5	1	0	16-QAM	23.22	23.00	23.15
5	1	12		22.95	22.78	22.88
5	1	24		22.74	22.49	22.64
5	12	0		22.45	22.23	22.35
5	12	6		22.22	21.94	22.08
5	12	11		21.96	21.74	21.78
5	25	0		21.70	21.49	21.53
10	1	0	QPSK	23.52	23.49	23.53
10	1	24		23.28	23.27	23.24
10	1	49		22.99	23.00	22.95
10	25	0		22.76	22.71	22.66
10	25	12		22.53	22.45	22.38
10	25	24		22.28	22.17	22.14
10	50	0		22.02	21.87	21.91
10	1	0	16-QAM	23.29	23.23	23.29
10	1	24		23.05	22.95	23.04
10	1	49		22.76	22.70	22.77
10	25	0		22.52	22.41	22.53
10	25	12		22.24	22.11	22.27
10	25	24		21.97	21.90	22.05
10	50	0		21.73	21.66	21.82

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.74	22.69	22.75
5	1	12		22.52	22.48	22.51
5	1	24		22.31	22.19	22.22
5	12	0		22.08	21.89	21.96
5	12	6		21.88	21.60	21.75
5	12	11		21.63	21.39	21.51
5	25	0		21.40	21.12	21.23
5	1	0	16-QAM	22.49	22.44	22.48
5	1	12		22.25	22.24	22.28
5	1	24		21.95	21.99	22.02
5	12	0		21.66	21.72	21.78
5	12	6		21.37	21.47	21.55
5	12	11		21.10	21.26	21.29
5	25	0		20.81	20.98	21.05
10	1	0	QPSK	22.71	22.74	22.53
10	1	24		22.43	22.53	22.33
10	1	49		22.14	22.24	22.07
10	25	0		21.85	22.00	21.79
10	25	12		21.63	21.78	21.51
10	25	24		21.40	21.49	21.23
10	50	0		21.16	21.24	21.00
10	1	0	16-QAM	22.48	22.54	22.24
10	1	24		22.28	22.32	21.95
10	1	49		22.04	22.09	21.67
10	25	0		21.83	21.83	21.41
10	25	12		21.62	21.58	21.12
10	25	24		21.38	21.29	20.88
10	50	0		21.12	21.01	20.64

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	22.54	22.50	22.51
15	1	37		22.29	22.20	22.25
15	1	74		22.04	21.97	22.04
15	36	0		21.78	21.75	21.78
15	36	18		21.58	21.53	21.53
15	36	39		21.37	21.31	21.32
15	75	0		21.11	21.09	21.03
15	1	0	16-QAM	22.27	22.23	22.22
15	1	38		22.01	22.00	22.01
15	1	75		21.80	21.72	21.74
15	36	0		21.51	21.51	21.47
15	36	18		21.23	21.23	21.25
15	36	39		21.01	20.95	21.02
15	75	0		20.76	20.75	20.72
20	1	0	QPSK	22.87	22.84	22.79
20	1	49		22.60	22.60	22.53
20	1	99		22.38	22.33	22.24
20	50	0		22.17	22.03	22.01
20	50	24		21.94	21.80	21.74
20	50	49		21.64	21.59	21.49
20	100	0		21.39	21.36	21.24
20	1	0	16-QAM	22.63	22.58	22.55
20	1	49		22.34	22.32	22.34
20	1	99		22.10	22.12	22.12
20	50	0		21.90	21.89	21.88
20	50	24		21.67	21.59	21.59
20	50	49		21.47	21.34	21.31
20	100	0		21.18	21.08	21.01

LTE Band 12 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	25.27	25.34	25.18
1.4	1	2		25.07	25.14	24.92
1.4	1	5		24.84	24.89	24.64
1.4	3	0		24.62	24.68	24.39
1.4	3	1		24.34	24.40	24.18
1.4	3	2		24.12	24.17	23.97
1.4	6	0		23.84	23.95	23.74
1.4	1	0	16-QAM	25.02	25.12	24.91
1.4	1	2		24.77	24.83	24.69
1.4	1	5		24.50	24.54	24.40
1.4	3	0		24.26	24.27	24.13
1.4	3	1		24.05	24.02	23.83
1.4	3	2		23.77	23.73	23.58
1.4	6	0		23.50	23.51	23.32
3	1	0	QPSK	25.06	25.29	25.19
3	1	7		24.84	25.07	24.91
3	1	14		24.60	24.77	24.64
3	8	0		24.30	24.48	24.40
3	8	4		24.07	24.26	24.11
3	8	7		23.80	23.99	23.82
3	15	0		23.52	23.76	23.57
3	1	0	16-QAM	24.86	25.07	24.89
3	1	7		24.58	24.84	24.63
3	1	14		24.32	24.62	24.39
3	8	0		24.05	24.38	24.16
3	8	4		23.80	24.12	23.94
3	8	7		23.51	23.87	23.65
3	15	0		23.28	23.66	23.45

LTE Band 12 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	25.23	25.07	25.10
5	1	12		24.98	24.79	24.88
5	1	24		24.71	24.55	24.62
5	12	0		24.49	24.32	24.35
5	12	6		24.23	24.03	24.15
5	12	11		23.99	23.74	23.88
5	25	0		23.73	23.50	23.66
5	1	0	16-QAM	25.01	24.86	24.83
5	1	12		24.74	24.62	24.55
5	1	24		24.54	24.37	24.35
5	12	0		24.30	24.15	24.14
5	12	6		24.09	23.91	23.93
5	12	11		23.84	23.64	23.64
5	25	0		23.61	23.41	23.37
10	1	0	QPSK	25.41	25.32	25.38
10	1	24		25.16	25.07	25.14
10	1	49		24.93	24.86	24.85
10	25	0		24.69	24.60	24.62
10	25	12		24.46	24.33	24.34
10	25	24		24.20	24.07	24.07
10	50	0		23.95	23.82	23.81
10	1	0	16-QAM	25.17	25.05	25.13
10	1	24		24.89	24.78	24.91
10	1	49		24.67	24.48	24.68
10	25	0		24.46	24.24	24.44
10	25	12		24.24	23.96	24.24
10	25	24		23.95	23.73	24.03
10	50	0		23.67	23.50	23.81

LTE Band 13 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	21.85	21.93	21.88
5	1	12		21.63	21.65	21.60
5	1	24		21.42	21.40	21.39
5	12	0		21.13	21.11	21.17
5	12	6		20.89	20.90	20.91
5	12	11		20.64	20.65	20.69
5	25	0		20.41	20.36	20.42
5	1	0	16-QAM	21.61	21.72	21.65
5	1	12		21.41	21.45	21.38
5	1	24		21.19	21.17	21.16
5	12	0		20.95	20.89	20.88
5	12	6		20.68	20.64	20.60
5	12	11		20.39	20.36	20.37
5	25	0		20.12	20.16	20.11
10	1	0	QPSK	N/A	22.26	N/A
10	1	24		N/A	21.98	N/A
10	1	49		N/A	21.75	N/A
10	25	0		N/A	21.52	N/A
10	25	12		N/A	21.25	N/A
10	25	24		N/A	21.00	N/A
10	50	0		N/A	20.79	N/A
10	1	0	16-QAM	N/A	22.06	N/A
10	1	24		N/A	21.80	N/A
10	1	49		N/A	21.55	N/A
10	25	0		N/A	21.30	N/A
10	25	12		N/A	21.08	N/A
10	25	24		N/A	20.80	N/A
10	50	0		N/A	20.57	N/A

LTE Band 17 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.06	21.97	22.13
5	1	12		21.84	21.77	21.93
5	1	24		21.64	21.47	21.72
5	12	0		21.35	21.20	21.48
5	12	6		21.09	20.90	21.26
5	12	11		20.86	20.62	20.98
5	25	0		20.62	20.36	20.73
5	1	0	16-QAM	21.86	21.73	21.91
5	1	12		21.60	21.52	21.62
5	1	24		21.31	21.23	21.33
5	12	0		21.06	20.93	21.03
5	12	6		20.85	20.70	20.76
5	12	11		20.60	20.43	20.55
5	25	0		20.32	20.18	20.30
10	1	0	QPSK	22.35	22.29	22.27
10	1	24		22.09	22.07	22.03
10	1	49		21.86	21.82	21.75
10	25	0		21.64	21.62	21.53
10	25	12		21.35	21.35	21.31
10	25	24		21.11	21.15	21.06
10	50	0		20.87	20.93	20.77
10	1	0	16-QAM	22.09	22.01	22.01
10	1	24		21.88	21.75	21.80
10	1	49		21.63	21.47	21.56
10	25	0		21.41	21.23	21.30
10	25	12		21.17	20.96	21.06
10	25	24		20.95	20.74	20.83
10	50	0		20.66	20.46	20.61

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	22.34	22.29	22.36
1.4	1	2		22.04	22.02	22.06
1.4	1	5		21.75	21.75	21.84
1.4	3	0		21.46	21.52	21.60
1.4	3	1		21.21	21.25	21.37
1.4	3	2		20.96	20.99	21.10
1.4	6	0		20.72	20.73	20.85
1.4	1	0	16-QAM	22.14	22.04	22.12
1.4	1	2		21.88	21.75	21.86
1.4	1	5		21.62	21.55	21.63
1.4	3	0		21.33	21.35	21.38
1.4	3	1		21.13	21.08	21.16
1.4	3	2		20.84	20.80	20.94
1.4	6	0		20.55	20.54	20.72
3	1	0	QPSK	22.13	22.17	22.25
3	1	7		21.84	21.93	21.95
3	1	14		21.61	21.69	21.70
3	8	0		21.32	21.43	21.42
3	8	4		21.08	21.19	21.17
3	8	7		20.86	20.93	20.87
3	15	0		20.64	20.71	20.66
3	1	0	16-QAM	21.93	21.95	21.96
3	1	7		21.71	21.68	21.67
3	1	14		21.51	21.42	21.39
3	8	0		21.30	21.18	21.18
3	8	4		21.05	20.96	20.91
3	8	7		20.84	20.72	20.71
3	15	0		20.64	20.46	20.48

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.30	22.37	22.20
5	1	12		22.07	22.08	21.98
5	1	24		21.84	21.80	21.71
5	12	0		21.59	21.60	21.45
5	12	6		21.38	21.33	21.18
5	12	11		21.11	21.11	20.93
5	25	0		20.89	20.86	20.64
5	1	0	16-QAM	22.06	22.07	21.97
5	1	12		21.82	21.82	21.73
5	1	24		21.61	21.58	21.45
5	12	0		21.39	21.30	21.16
5	12	6		21.16	21.06	20.93
5	12	11		20.86	20.76	20.64
5	25	0		20.57	20.49	20.41
10	1	0	QPSK	22.31	22.25	22.38
10	1	24		22.07	22.01	22.13
10	1	49		21.87	21.78	21.84
10	25	0		21.58	21.58	21.63
10	25	12		21.32	21.35	21.35
10	25	24		21.05	21.06	21.06
10	50	0		20.77	20.77	20.81
10	1	0	16-QAM	22.06	22.02	22.15
10	1	24		21.85	21.78	21.86
10	1	49		21.56	21.50	21.65
10	25	0		21.27	21.20	21.40
10	25	12		21.02	20.97	21.17
10	25	24		20.82	20.76	20.91
10	50	0		20.57	20.54	20.66

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	22.13	22.34	22.42
15	1	37		21.89	22.06	22.20
15	1	74		21.63	21.80	21.99
15	36	0		21.39	21.57	21.71
15	36	18		21.11	21.29	21.43
15	36	39		20.82	21.09	21.15
15	75	0		20.55	20.86	20.86
15	1	0	16-QAM	21.90	22.06	22.15
15	1	38		21.63	21.84	21.92
15	1	75		21.43	21.57	21.63
15	36	0		21.22	21.30	21.39
15	36	18		20.98	21.03	21.18
15	36	39		20.74	20.81	20.90
15	75	0		20.54	20.61	20.64
20	1	0	QPSK	22.50	22.54	22.61
20	1	49		22.22	22.26	22.36
20	1	99		21.97	22.02	22.06
20	50	0		21.67	21.74	21.85
20	50	24		21.46	21.45	21.56
20	50	49		21.19	21.22	21.35
20	100	0		20.90	20.94	21.09
20	1	0	16-QAM	22.29	22.30	22.34
20	1	49		22.02	22.02	22.07
20	1	99		21.81	21.81	21.82
20	50	0		21.56	21.55	21.53
20	50	24		21.33	21.26	21.26
20	50	49		21.08	21.05	20.97
20	100	0		20.86	20.85	20.74

LTE Band 26(Part 22) Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	26.13	26.28	26.07
1.4	1	2		25.91	26.00	25.82
1.4	1	5		25.69	25.76	25.60
1.4	3	0		25.42	25.53	25.32
1.4	3	1		25.18	25.24	25.03
1.4	3	2		24.90	24.97	24.80
1.4	6	0		24.66	24.77	24.59
1.4	1	0	16-QAM	25.88	25.98	25.84
1.4	1	2		25.64	25.77	25.64
1.4	1	5		25.41	25.54	25.34
1.4	3	0		25.17	25.29	25.13
1.4	3	1		24.92	25.06	24.84
1.4	3	2		24.69	24.77	24.63
1.4	6	0		24.46	24.48	24.42
3	1	0	QPSK	26.00	26.18	26.18
3	1	7		25.78	25.90	25.93
3	1	14		25.56	25.66	25.67
3	8	0		25.32	25.42	25.46
3	8	4		25.03	25.20	25.26
3	8	7		24.80	24.97	24.96
3	15	0		24.57	24.77	24.72
3	1	0	16-QAM	25.71	25.93	25.91
3	1	7		25.47	25.72	25.67
3	1	14		25.26	25.52	25.39
3	8	0		24.96	25.29	25.17
3	8	4		24.73	25.02	24.93
3	8	7		24.50	24.82	24.73
3	15	0		24.23	24.55	24.44

LTE Band 26(Part 22) Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	26.11	26.13	25.94
5	1	12		25.90	25.84	25.67
5	1	24		25.70	25.63	25.46
5	12	0		25.49	25.38	25.24
5	12	6		25.26	25.10	24.96
5	12	11		24.98	24.82	24.73
5	25	0		24.73	24.61	24.52
5	1	0	16-QAM	25.90	25.93	25.64
5	1	12		25.69	25.65	25.34
5	1	24		25.42	25.45	25.12
5	12	0		25.19	25.24	24.88
5	12	6		24.90	24.98	24.65
5	12	11		24.66	24.70	24.44
5	25	0		24.36	24.50	24.22
10	1	0	QPSK	26.13	26.12	26.21
10	1	24		25.91	25.91	25.96
10	1	49		25.71	25.68	25.68
10	25	0		25.42	25.41	25.47
10	25	12		25.15	25.11	25.24
10	25	24		24.92	24.83	24.98
10	50	0		24.63	24.55	24.70
10	1	0	16-QAM	25.83	25.84	25.91
10	1	24		25.60	25.60	25.69
10	1	49		25.40	25.37	25.41
10	25	0		25.15	25.17	25.19
10	25	12		24.92	24.94	24.96
10	25	24		24.72	24.68	24.74
10	50	0		24.48	24.41	24.51

LTE Band 26(Part 22) Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	26.52	26.47	26.57
15	1	37		26.29	26.19	26.33
15	1	74		26.09	25.95	26.07
15	36	0		25.88	25.70	25.81
15	36	18		25.63	25.46	25.55
15	36	39		25.37	25.16	25.34
15	75	0		25.13	24.86	25.08
15	1	0	16-QAM	26.26	26.26	26.36
15	1	38		26.01	26.05	26.08
15	1	75		25.72	25.81	25.79
15	36	0		25.46	25.53	25.59
15	36	18		25.20	25.25	25.36
15	36	39		24.91	25.00	25.13
15	75	0		24.62	24.70	24.91

LTE Band 26(Part 90) Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	26.04	26.09	26.13
1.4	1	2		25.76	25.86	25.89
1.4	1	5		25.51	25.59	25.62
1.4	3	0		25.24	25.30	25.38
1.4	3	1		25.03	25.02	25.09
1.4	3	2		24.76	24.73	24.88
1.4	6	0		24.49	24.46	24.62
1.4	1	0	16-QAM	25.78	25.82	25.85
1.4	1	2		25.48	25.61	25.57
1.4	1	5		25.20	25.33	25.33
1.4	3	0		25.00	25.10	25.09
1.4	3	1		24.78	24.89	24.86
1.4	3	2		24.56	24.66	24.65
1.4	6	0		24.28	24.44	24.40
3	1	0	QPSK	25.87	25.97	25.84
3	1	7		25.64	25.75	25.57
3	1	14		25.42	25.45	25.28
3	8	0		25.15	25.16	25.05
3	8	4		24.95	24.88	24.84
3	8	7		24.75	24.66	24.56
3	15	0		24.54	24.37	24.26
3	1	0	16-QAM	25.62	25.72	25.60
3	1	7		25.34	25.50	25.31
3	1	14		25.14	25.28	25.11
3	8	0		24.91	25.07	24.81
3	8	4		24.63	24.82	24.61
3	8	7		24.42	24.61	24.41
3	15	0		24.13	24.40	24.15

LTE Band 26(Part 90) Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	26.05	26.22	26.22
5	1	12		25.81	26.01	26.02
5	1	24		25.58	25.79	25.78
5	12	0		25.29	25.53	25.55
5	12	6		25.03	25.27	25.33
5	12	11		24.82	25.00	25.03
5	25	0		24.56	24.71	24.74
5	1	0	16-QAM	25.84	25.99	25.95
5	1	12		25.63	25.78	25.68
5	1	24		25.36	25.51	25.46
5	12	0		25.10	25.22	25.23
5	12	6		24.83	24.96	25.01
5	12	11		24.57	24.68	24.75
5	25	0		24.33	24.47	24.47
10	1	0	QPSK	N/A	26.37	N/A
10	1	24		N/A	26.15	N/A
10	1	49		N/A	25.93	N/A
10	25	0		N/A	25.63	N/A
10	25	12		N/A	25.38	N/A
10	25	24		N/A	25.10	N/A
10	50	0		N/A	24.87	N/A
10	1	0	16-QAM	N/A	26.15	N/A
10	1	24		N/A	25.89	N/A
10	1	49		N/A	25.63	N/A
10	25	0		N/A	25.40	N/A
10	25	12		N/A	25.16	N/A
10	25	24		N/A	24.93	N/A
10	50	0		N/A	24.69	N/A

2305-2315MHz

LTE Band 40 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.29	22.34	22.33
5	1	12		22.05	22.05	22.05
5	1	24		21.79	21.78	21.81
5	12	0		21.54	21.52	21.59
5	12	6		21.28	21.25	21.38
5	12	11		21.03	21.01	21.16
5	25	0		20.80	20.80	20.86
5	1	0	16-QAM	22.07	22.13	22.13
5	1	12		21.78	21.92	21.90
5	1	24		21.49	21.72	21.66
5	12	0		21.20	21.48	21.42
5	12	6		20.96	21.20	21.21
5	12	11		20.68	20.96	20.97
5	25	0		20.45	20.75	20.73
10	1	0	QPSK	N/A	22.49	N/A
10	1	24		N/A	22.24	N/A
10	1	49		N/A	22.00	N/A
10	25	0		N/A	21.71	N/A
10	25	12		N/A	21.47	N/A
10	25	24		N/A	21.26	N/A
10	50	0		N/A	21.00	N/A
10	1	0	16-QAM	N/A	22.24	N/A
10	1	24		N/A	22.02	N/A
10	1	49		N/A	21.76	N/A
10	25	0		N/A	21.56	N/A
10	25	12		N/A	21.28	N/A
10	25	24		N/A	21.05	N/A
10	50	0		N/A	20.75	N/A

2350-2360MHz

LTE Band 40 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.03	21.96	22.10
5	1	12		21.76	21.68	21.82
5	1	24		21.51	21.45	21.58
5	12	0		21.21	21.21	21.33
5	12	6		20.99	20.93	21.05
5	12	11		20.70	20.67	20.77
5	25	0		20.43	20.47	20.50
5	1	0	16-QAM	21.79	21.71	21.83
5	1	12		21.56	21.44	21.59
5	1	24		21.35	21.16	21.34
5	12	0		21.05	20.89	21.13
5	12	6		20.81	20.63	20.88
5	12	11		20.61	20.34	20.66
5	25	0		20.36	20.14	20.41
10	1	0	QPSK	N/A	22.15	N/A
10	1	24		N/A	21.91	N/A
10	1	49		N/A	21.62	N/A
10	25	0		N/A	21.36	N/A
10	25	12		N/A	21.08	N/A
10	25	24		N/A	20.80	N/A
10	50	0		N/A	20.58	N/A
10	1	0	16-QAM	N/A	21.94	N/A
10	1	24		N/A	21.68	N/A
10	1	49		N/A	21.41	N/A
10	25	0		N/A	21.19	N/A
10	25	12		N/A	20.91	N/A
10	25	24		N/A	20.62	N/A
10	50	0		N/A	20.41	N/A

LTE Band 41 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.03	21.98	22.16
5	1	12		21.75	21.78	21.91
5	1	24		21.54	21.55	21.63
5	12	0		21.27	21.29	21.38
5	12	6		20.99	21.03	21.11
5	12	11		20.76	20.77	20.84
5	25	0		20.50	20.50	20.55
5	1	0	16-QAM	21.75	21.76	21.86
5	1	12		21.46	21.46	21.62
5	1	24		21.20	21.20	21.37
5	12	0		20.92	20.99	21.14
5	12	6		20.67	20.70	20.85
5	12	11		20.45	20.44	20.55
5	25	0		20.20	20.20	20.32
10	1	0	QPSK	22.10	21.84	22.09
10	1	24		21.87	21.56	21.80
10	1	49		21.65	21.33	21.60
10	25	0		21.40	21.03	21.32
10	25	12		21.17	20.75	21.08
10	25	24		20.96	20.49	20.79
10	50	0		20.71	20.21	20.54
10	1	0	16-QAM	21.81	21.62	21.81
10	1	24		21.61	21.36	21.53
10	1	49		21.32	21.12	21.29
10	25	0		21.11	20.84	21.03
10	25	12		20.90	20.62	20.78
10	25	24		20.69	20.37	20.54
10	50	0		20.40	20.10	20.34

LTE Band 41 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	22.04	21.80	22.05
15	1	37		21.81	21.51	21.81
15	1	74		21.57	21.29	21.57
15	36	0		21.32	21.02	21.31
15	36	18		21.03	20.79	21.04
15	36	39		20.81	20.58	20.78
15	75	0		20.56	20.30	20.49
15	1	0	16-QAM	21.77	21.56	21.83
15	1	38		21.49	21.30	21.62
15	1	75		21.25	21.04	21.40
15	36	0		21.05	20.79	21.18
15	36	18		20.81	20.52	20.97
15	36	39		20.55	20.26	20.75
15	75	0		20.34	20.06	20.49
20	1	0	QPSK	22.12	22.09	22.23
20	1	49		21.92	21.80	22.01
20	1	99		21.66	21.50	21.81
20	50	0		21.41	21.27	21.57
20	50	24		21.19	20.99	21.37
20	50	49		20.91	20.71	21.09
20	100	0		20.67	20.49	20.84
20	1	0	16-QAM	21.83	21.79	21.95
20	1	49		21.54	21.52	21.66
20	1	99		21.31	21.27	21.41
20	50	0		21.09	20.98	21.18
20	50	24		20.88	20.76	20.96
20	50	49		20.58	20.54	20.69
20	100	0		20.30	20.25	20.41

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	24.37	24.28	24.31
1.4	1	2		24.07	24.07	24.02
1.4	1	5		23.82	23.86	23.76
1.4	3	0		23.58	23.61	23.49
1.4	3	1		23.36	23.34	23.22
1.4	3	2		23.13	23.06	22.94
1.4	6	0		22.92	22.78	22.66
1.4	1	0	16-QAM	24.08	24.00	24.03
1.4	1	2		23.82	23.72	23.77
1.4	1	5		23.62	23.43	23.49
1.4	3	0		23.38	23.22	23.21
1.4	3	1		23.15	22.96	22.93
1.4	3	2		22.91	22.67	22.72
1.4	6	0		22.61	22.37	22.42
3	1	0	QPSK	24.28	24.34	24.31
3	1	7		24.02	24.08	24.01
3	1	14		23.82	23.88	23.75
3	8	0		23.55	23.61	23.47
3	8	4		23.31	23.41	23.21
3	8	7		23.09	23.11	22.92
3	15	0		22.80	22.85	22.67
3	1	0	16-QAM	23.99	24.10	24.03
3	1	7		23.71	23.88	23.74
3	1	14		23.42	23.62	23.50
3	8	0		23.15	23.42	23.23
3	8	4		22.93	23.17	23.02
3	8	7		22.69	22.88	22.76
3	15	0		22.44	22.60	22.56

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	24.11	24.08	24.00
5	1	12		23.83	23.85	23.77
5	1	24		23.54	23.60	23.56
5	12	0		23.31	23.38	23.30
5	12	6		23.04	23.17	23.10
5	12	11		22.84	22.89	22.87
5	25	0		22.56	22.63	22.63
5	1	0	16-QAM	23.82	23.85	23.71
5	1	12		23.54	23.62	23.44
5	1	24		23.30	23.41	23.20
5	12	0		23.01	23.16	22.97
5	12	6		22.74	22.92	22.75
5	12	11		22.47	22.69	22.50
5	25	0		22.24	22.46	22.28
10	1	0	QPSK	24.43	24.12	24.43
10	1	24		24.18	23.90	24.13
10	1	49		23.89	23.64	23.83
10	25	0		23.67	23.43	23.57
10	25	12		23.44	23.17	23.36
10	25	24		23.20	22.96	23.08
10	50	0		22.99	22.67	22.81
10	1	0	16-QAM	24.14	23.88	24.15
10	1	24		23.91	23.58	23.93
10	1	49		23.70	23.30	23.69
10	25	0		23.41	23.04	23.47
10	25	12		23.12	22.84	23.25
10	25	24		22.87	22.62	23.04
10	50	0		22.61	22.40	22.77

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	24.24	24.34	24.21
15	1	37		24.01	24.09	24.00
15	1	74		23.72	23.85	23.73
15	36	0		23.49	23.56	23.43
15	36	18		23.20	23.36	23.21
15	36	39		22.96	23.16	23.00
15	75	0		22.71	22.88	22.77
15	1	0	16-QAM	23.94	24.10	23.94
15	1	38		23.74	23.86	23.72
15	1	75		23.48	23.62	23.43
15	36	0		23.27	23.37	23.17
15	36	18		23.07	23.08	22.96
15	36	39		22.80	22.85	22.74
15	75	0		22.52	22.57	22.48
20	1	0	QPSK	24.48	24.51	24.53
20	1	49		24.18	24.30	24.25
20	1	99		23.94	24.06	23.96
20	50	0		23.64	23.84	23.72
20	50	24		23.39	23.61	23.52
20	50	49		23.11	23.36	23.26
20	100	0		22.82	23.07	23.04
20	1	0	16-QAM	24.22	24.30	24.23
20	1	49		23.93	24.04	23.93
20	1	99		23.72	23.76	23.65
20	50	0		23.49	23.55	23.38
20	50	24		23.26	23.34	23.14
20	50	49		22.99	23.08	22.91
20	100	0		22.76	22.84	22.68

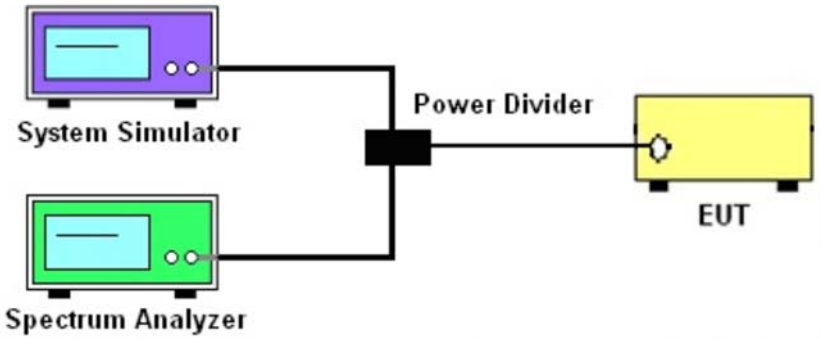
4. PEAK-TO-AVERAGE RATIO

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	4.89	5.14	4.88
20	100		5.41	5.84	5.49
20	1	16-QAM	6.17	5.6	5.91
20	100		6.2	6.58	6.34
Limit			≤13dB		

LTE Band 4 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
20	1	QPSK	5.66	5.59	5.76
20	100		5.92	5.73	5.91
20	1	16-QAM	6.81	6.09	6
20	100		6.68	6.53	6.56
Limit			≤13dB		

LTE Band 5 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
10	1	QPSK	4.36	5.88	6.65
10	50		6.01	5.97	5.56
10	1	16-QAM	5.94	6.94	6.95
10	50		6.87	6.63	6.32
Limit			≤13dB		

LTE Band 7 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
20	1	QPSK	4.8	4.85	4.12
20	100		5.53	5.51	5.44
20	1	16-QAM	5.01	5.67	5.04
20	100		6.15	6.18	6.25
Limit			≤13dB		

LTE Band 12 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
10	1	QPSK	6.22	4.12	4.42
10	50		6.01	6.02	5.51
10	1	16-QAM	7.24	5.28	5.05
10	50		6.59	6.76	6.58
Limit			≤13dB		

LTE Band 13 PAR [dBm]			
BW [MHz]	RB Size	Modulation	Middle
			P-A
10	1	QPSK	4.19
10	50		5.2
10	1	16-QAM	4.78
10	50		5.98
Limit			≤13dB

LTE Band 17 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
10	1	QPSK	3.15	3.49	4.39
10	50		5.67	5.48	5.51
10	1	16-QAM	4.18	4.06	5.51
10	50		6.6	6.32	6.32
Limit			≤13dB		

LTE Band 25 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
20	1	QPSK	4.37	4.32	2.96
20	100		5.34	5.67	5.52
20	1	16-QAM	5.32	5.64	4.11
20	100		6.04	6.4	6.26
Limit			≤13dB		

LTE Band 26(Part 22) PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
15	1	QPSK	4.15	4.69	4.56
15	75		6.3	5.44	5.64
15	1	16-QAM	5.12	6.64	5.4
15	75		7.11	6.24	6.27
Limit			≤13dB		

LTE Band 26(Part 22) PAR [dBm]			
BW [MHz]	RB Size	Modulation	Middle
			P-A
10	1	QPSK	6.58
10	50		6.11
10	1	16-QAM	7.55
10	50		6.83
Limit			≤13dB

2305-2315MHz

LTE Band 40 PAR [dBm]			
BW [MHz]	RB Size	Modulation	Middle
			P-A
10	1	QPSK	4.92
10	50		5.52
10		16-QAM	5.58
10	50		6.08
Limit			≤13dBm

2350-2360MHz

LTE Band 40 PAR [dBm]			
BW [MHz]	RB Size	Modulation	Middle
			P-A
10	1	QPSK	5.07
10	50		5.42
10		16-QAM	6.68
10	50		6.00
Limit			≤13dBm

LTE Band 41PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
20	1	QPSK	4.92	4.56	3.78
20	100		5.45	5.54	5.37
20	1	16-QAM	5.24	5.67	4.68
20	100		6.28	6.24	6.06
Limit			≤13dB		

LTE Band 66 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
20	1	QPSK	5.09	5.06	4.71
20	100		5.05	4.95	4.89
20	1	16-QAM	5.81	5.93	5.57
20	100		4.9	4.99	4.73
Limit			≤13dB		

Note: Test chart See Appendix D

5. RADIATED POWER AND EFFECTIVE ISOTROPIC RADIATED POWER

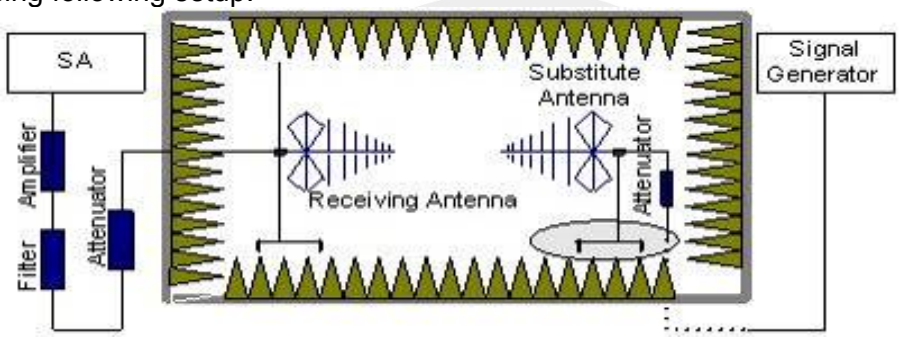
5.1 DESCRIPTION OF THE ERP/EIRP MEASUREMENT

5.1.1 MEASUREMENT METHOD

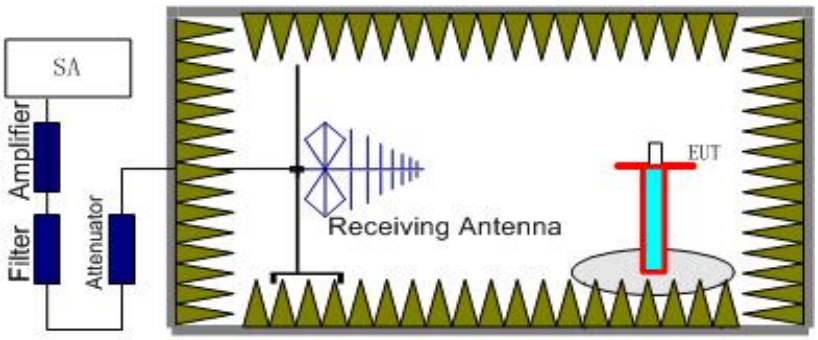
Effective radiated power output measurements by substitution method according to ANSI C63.26 2015, and the spectrum analyzer configuration follows KDB 971168 D01 Power Meas.
License Digital Systems. Mobile and portable (hand-held) stations operating are limited to average ERP, Equivalent isotropic radiated power output measurements by substitution method according to ANSI C63.26 2015, and the spectrum analyzer configuration follows KDB 971168 D01 Power Meas, Mobile and portable (hand-held) stations operating are limited to average EIRP.

5.1.2 TEST SETUP

The procedure of radiated spurious emissions is as follows:
a) Pre-calibration With pre-calibration method, the Radiated Spurious Emissions(RSE) is calculated as, RSE=Rx (dBuV) +CL (dB) +SA (dB) +Gain (dBi) -107 (dBuV to dBm) The SA is calibrated using following setup.



b) EUT was placed on a 1.5m non-conductive stand at a 3 m test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 m from the test item for emission measurements. The height of receiving antenna is 0.8m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the test item and adjusting the receiving antenna polarization. The radiated emission measurements of all non-harmonic and harmonics of the transmit frequency through the 10th harmonic measured with peak detector and 1MHz bandwidth.



Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of any band into any of the other blocks.
The substitution method is used. Substitution values at each frequency are measured before and saved to the test software. A "reference path loss" is established and the ARpl is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss and the air loss. The measurement results are obtained as described below:
Power=PMea+ARpl

5.1.3 TEST PROCEDURES

1. The testing follows FCC KDB 971168 D01v03r01 Section 5.6 and ANSI C63.26 2015 Section 5.2.

2. The EUT was placed on a non-conductive rotating platform 1.5 meters high in a semi-anechoic chamber. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and a spectrum analyzer with Peak detector.

3. During the measurement, the system simulator parameters were set to force the EUTtransmitting at maximum output power. The maximum emission was recorded from analyzer power level (LVL) from the 360 degrees rotation of the turntable and the test antenna raised and lowered over a range from 1 to 4 m in both horizontally and vertically polarized orientations.

4. Effective Isotropic Radiated Power (EIRP) was measured by substitution method according to ANSI C63.26 2015. The EUT was replaced by dipole antenna (substitution antenna) at same location and then a known power from S.G. was applied into the dipole antenna through a Tx cable, and then recorded the maximum Analyzer reading through raised and lowered the test antenna. The correction factor (in dB) = S.G. - Tx Cable loss + Substitution antenna gain -Analyzer reading. Then the EUT's EIRP was calculated with the correction factor, EIRP/ERP= LVL +Correction factor.

5. RB Set greater than bandwidth, VB Set spectrum analyzer Maximum support.

5.1.4 TEST RESULTS

Note: Test is divided into three directions, X/Y/Z. X pattern for the worst.

Radiated Power (EIRP) for LTE Band 2 / 1.4M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	12.17	2.37	10.40	20.20	Horizontal	Pass
	1	0	Middle	11.97	2.39	10.42	20.00	Horizontal	Pass
	1	0	Highest	12.04	2.40	10.44	20.08	Horizontal	Pass
	1	0	Lowest	13.51	2.37	10.40	21.54	Vertical	Pass
	1	0	Middle	13.34	2.39	10.42	21.37	Vertical	Pass
	1	0	Highest	13.52	2.40	10.44	21.56	Vertical	Pass
16QAM	1	0	Lowest	11.75	2.37	10.40	19.78	Horizontal	Pass
	1	0	Middle	11.66	2.39	10.42	19.69	Horizontal	Pass
	1	0	Highest	12.06	2.40	10.44	20.10	Horizontal	Pass
	1	0	Lowest	13.1	2.37	10.40	21.13	Vertical	Pass
	1	0	Middle	13.16	2.39	10.42	21.19	Vertical	Pass
	1	0	Highest	13.37	2.40	10.44	21.41	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 2 / 3M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	12.29	2.37	10.40	20.32	Horizontal	Pass
	1	0	Middle	12.28	2.39	10.42	20.31	Horizontal	Pass
	1	0	Highest	12.23	2.40	10.44	20.27	Horizontal	Pass
	1	0	Lowest	13.59	2.37	10.40	21.62	Vertical	Pass
	1	0	Middle	13.69	2.39	10.42	21.72	Vertical	Pass
	1	0	Highest	13.6	2.40	10.44	21.64	Vertical	Pass
16QAM	1	0	Lowest	11.84	2.37	10.40	19.87	Horizontal	Pass
	1	0	Middle	12.01	2.39	10.42	20.04	Horizontal	Pass
	1	0	Highest	11.9	2.40	10.44	19.94	Horizontal	Pass
	1	0	Lowest	13.24	2.37	10.40	21.27	Vertical	Pass
	1	0	Middle	13.39	2.39	10.42	21.42	Vertical	Pass
	1	0	Highest	13.35	2.40	10.44	21.39	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 2 / 5M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.94	2.37	10.40	19.97	Horizontal	Pass
	1	0	Middle	12.05	2.39	10.42	20.08	Horizontal	Pass
	1	0	Highest	12.08	2.40	10.44	20.12	Horizontal	Pass
	1	0	Lowest	13.4	2.37	10.40	21.43	Vertical	Pass
	1	0	Middle	13.42	2.39	10.42	21.45	Vertical	Pass
	1	0	Highest	13.4	2.40	10.44	21.44	Vertical	Pass
16QAM	1	0	Lowest	11.58	2.37	10.40	19.61	Horizontal	Pass
	1	0	Middle	11.81	2.39	10.42	19.84	Horizontal	Pass
	1	0	Highest	11.69	2.40	10.44	19.73	Horizontal	Pass
	1	0	Lowest	13.08	2.37	10.40	21.11	Vertical	Pass
	1	0	Middle	13.21	2.39	10.42	21.24	Vertical	Pass
	1	0	Highest	13.17	2.40	10.44	21.21	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 2 / 10M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.94	2.37	10.40	19.97	Horizontal	Pass
	1	0	Middle	12.07	2.39	10.42	20.10	Horizontal	Pass
	1	0	Highest	12.07	2.40	10.44	20.11	Horizontal	Pass
	1	0	Lowest	13.35	2.37	10.40	21.38	Vertical	Pass
	1	0	Middle	13.38	2.39	10.42	21.41	Vertical	Pass
	1	0	Highest	13.47	2.40	10.44	21.51	Vertical	Pass
16QAM	1	0	Lowest	11.66	2.37	10.40	19.69	Horizontal	Pass
	1	0	Middle	11.75	2.39	10.42	19.78	Horizontal	Pass
	1	0	Highest	11.8	2.40	10.44	19.84	Horizontal	Pass
	1	0	Lowest	13.14	2.37	10.40	21.17	Vertical	Pass
	1	0	Middle	13.14	2.39	10.42	21.17	Vertical	Pass
	1	0	Highest	13.22	2.40	10.44	21.26	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 2 / 15M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	12.13	2.37	10.40	20.16	Horizontal	Pass
	1	0	Middle	11.9	2.39	10.42	19.93	Horizontal	Pass
	1	0	Highest	12.25	2.40	10.44	20.29	Horizontal	Pass
	1	0	Lowest	13.52	2.37	10.40	21.55	Vertical	Pass
	1	0	Middle	13.36	2.39	10.42	21.39	Vertical	Pass
	1	0	Highest	13.59	2.40	10.44	21.63	Vertical	Pass
16QAM	1	0	Lowest	11.87	2.37	10.40	19.90	Horizontal	Pass
	1	0	Middle	11.76	2.39	10.42	19.79	Horizontal	Pass
	1	0	Highest	11.9	2.40	10.44	19.94	Horizontal	Pass
	1	0	Lowest	13.25	2.37	10.40	21.28	Vertical	Pass
	1	0	Middle	13.07	2.39	10.42	21.10	Vertical	Pass
	1	0	Highest	13.36	2.40	10.44	21.40	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 2 / 20M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	12.25	2.37	10.40	20.28	Horizontal	Pass
	1	0	Middle	12.39	2.39	10.42	20.42	Horizontal	Pass
	1	0	Highest	12.46	2.40	10.44	20.50	Horizontal	Pass
	1	0	Lowest	13.64	2.37	10.40	21.67	Vertical	Pass
	1	0	Middle	13.72	2.39	10.42	21.75	Vertical	Pass
	1	0	Highest	13.82	2.40	10.44	21.86	Vertical	Pass
16QAM	1	0	Lowest	12.03	2.37	10.40	20.06	Horizontal	Pass
	1	0	Middle	11.87	2.39	10.42	19.90	Horizontal	Pass
	1	0	Highest	12.21	2.40	10.44	20.25	Horizontal	Pass
	1	0	Lowest	13.39	2.37	10.40	21.42	Vertical	Pass
	1	0	Middle	13.28	2.39	10.42	21.31	Vertical	Pass
	1	0	Highest	13.59	2.40	10.44	21.63	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 4 / 1.4M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	12.21	2.35	10.13	19.99	Horizontal	Pass
	1	0	Middle	12.32	2.36	10.16	20.12	Horizontal	Pass
	1	0	Highest	12.27	2.37	10.22	20.12	Horizontal	Pass
	1	0	Lowest	13.63	2.35	10.13	21.41	Vertical	Pass
	1	0	Middle	13.69	2.36	10.16	21.49	Vertical	Pass
	1	0	Highest	13.6	2.37	10.22	21.45	Vertical	Pass
16QAM	1	0	Lowest	11.98	2.35	10.13	19.76	Horizontal	Pass
	1	0	Middle	12.11	2.36	10.16	19.91	Horizontal	Pass
	1	0	Highest	11.99	2.37	10.22	19.84	Horizontal	Pass
	1	0	Lowest	13.47	2.35	10.13	21.25	Vertical	Pass
	1	0	Middle	13.57	2.36	10.16	21.37	Vertical	Pass
	1	0	Highest	13.4	2.37	10.22	21.25	Vertical	Pass
Limit	EIRP<1W=30dBm								

Radiated Power (EIRP) for LTE Band 4 / 3M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	12.19	2.35	10.13	19.97	Horizontal	Pass
	1	0	Middle	12.29	2.36	10.16	20.09	Horizontal	Pass
	1	0	Highest	12.53	2.37	10.22	20.38	Horizontal	Pass
	1	0	Lowest	13.59	2.35	10.13	21.37	Vertical	Pass
	1	0	Middle	13.6	2.36	10.16	21.40	Vertical	Pass
	1	0	Highest	13.84	2.37	10.22	21.69	Vertical	Pass
16QAM	1	0	Lowest	11.88	2.35	10.13	19.66	Horizontal	Pass
	1	0	Middle	12.1	2.36	10.16	19.90	Horizontal	Pass
	1	0	Highest	12.16	2.37	10.22	20.01	Horizontal	Pass
	1	0	Lowest	13.37	2.35	10.13	21.15	Vertical	Pass
	1	0	Middle	13.48	2.36	10.16	21.28	Vertical	Pass
	1	0	Highest	13.47	2.37	10.22	21.32	Vertical	Pass
Limit	EIRP<1W=30dBm								

Radiated Power (EIRP) for LTE Band 4 / 5M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	12.15	2.35	10.13	19.93	Horizontal	Pass
	1	0	Middle	12.44	2.36	10.16	20.24	Horizontal	Pass
	1	0	Highest	12.02	2.37	10.22	19.87	Horizontal	Pass
	1	0	Lowest	13.64	2.35	10.13	21.42	Vertical	Pass
	1	0	Middle	13.8	2.36	10.16	21.60	Vertical	Pass
	1	0	Highest	13.46	2.37	10.22	21.31	Vertical	Pass
16QAM	1	0	Lowest	11.81	2.35	10.13	19.59	Horizontal	Pass
	1	0	Middle	12.28	2.36	10.16	20.08	Horizontal	Pass
	1	0	Highest	11.93	2.37	10.22	19.78	Horizontal	Pass
	1	0	Lowest	13.31	2.35	10.13	21.09	Vertical	Pass
	1	0	Middle	13.67	2.36	10.16	21.47	Vertical	Pass
	1	0	Highest	13.29	2.37	10.22	21.14	Vertical	Pass
Limit	EIRP<1W=30dBm								

Radiated Power (EIRP) for LTE Band 4 / 10M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	12.4	2.35	10.13	20.18	Horizontal	Pass
	1	0	Middle	12.46	2.36	10.16	20.26	Horizontal	Pass
	1	0	Highest	12.13	2.37	10.22	19.98	Horizontal	Pass
	1	0	Lowest	13.73	2.35	10.13	21.51	Vertical	Pass
	1	0	Middle	13.81	2.36	10.16	21.61	Vertical	Pass
	1	0	Highest	13.6	2.37	10.22	21.45	Vertical	Pass
16QAM	1	0	Lowest	12.11	2.35	10.13	19.89	Horizontal	Pass
	1	0	Middle	12.18	2.36	10.16	19.98	Horizontal	Pass
	1	0	Highest	12.18	2.37	10.22	20.03	Horizontal	Pass
	1	0	Lowest	13.48	2.35	10.13	21.26	Vertical	Pass
	1	0	Middle	13.56	2.36	10.16	21.36	Vertical	Pass
	1	0	Highest	13.58	2.37	10.22	21.43	Vertical	Pass
Limit	EIRP<1W=30dBm								

Radiated Power (EIRP) for LTE Band 4 / 15M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	12.52	2.35	10.13	20.30	Horizontal	Pass
	1	0	Middle	12.5	2.36	10.16	20.30	Horizontal	Pass
	1	0	Highest	12.39	2.37	10.22	20.24	Horizontal	Pass
	1	0	Lowest	13.92	2.35	10.13	21.70	Vertical	Pass
	1	0	Middle	13.93	2.36	10.16	21.73	Vertical	Pass
	1	0	Highest	13.78	2.37	10.22	21.63	Vertical	Pass
16QAM	1	0	Lowest	12.31	2.35	10.13	20.09	Horizontal	Pass
	1	0	Middle	12.3	2.36	10.16	20.10	Horizontal	Pass
	1	0	Highest	12.05	2.37	10.22	19.90	Horizontal	Pass
	1	0	Lowest	13.63	2.35	10.13	21.41	Vertical	Pass
	1	0	Middle	13.64	2.36	10.16	21.44	Vertical	Pass
	1	0	Highest	13.46	2.37	10.22	21.31	Vertical	Pass
Limit	EIRP<1W=30dBm								

Radiated Power (EIRP) for LTE Band 4 / 20M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	12.87	2.35	10.13	20.65	Horizontal	Pass
	1	0	Middle	12.57	2.36	10.16	20.37	Horizontal	Pass
	1	0	Highest	12.39	2.37	10.22	20.24	Horizontal	Pass
	1	0	Lowest	14.18	2.35	10.13	21.96	Vertical	Pass
	1	0	Middle	14.06	2.36	10.16	21.86	Vertical	Pass
	1	0	Highest	13.87	2.37	10.22	21.72	Vertical	Pass
16QAM	1	0	Lowest	12.57	2.35	10.13	20.35	Horizontal	Pass
	1	0	Middle	12.31	2.36	10.16	20.11	Horizontal	Pass
	1	0	Highest	12.16	2.37	10.22	20.01	Horizontal	Pass
	1	0	Lowest	13.97	2.35	10.13	21.75	Vertical	Pass
	1	0	Middle	13.73	2.36	10.16	21.53	Vertical	Pass
	1	0	Highest	13.65	2.37	10.22	21.50	Vertical	Pass
Limit	EIRP<1W=30dBm								

Radiated Power (ERP) for LTE Band 5 / 1.4M											
Modulation	RB		Channel	Result							Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization	Of Max. ERP	
QPSK	1	0	Lowest	17.28	1.27	6.70	2.15	20.56	Horizontal		Pass
	1	0	Middle	17.22	1.28	6.70	2.15	20.49	Horizontal		Pass
	1	0	Highest	17.25	1.29	6.70	2.15	20.51	Horizontal		Pass
	1	0	Lowest	18.69	1.27	6.70	2.15	21.97	Vertical		Pass
	1	0	Middle	18.71	1.28	6.70	2.15	21.98	Vertical		Pass
	1	0	Highest	18.73	1.29	6.70	2.15	21.99	Vertical		Pass
16QAM	1	0	Lowest	17.03	1.27	6.70	2.15	20.31	Horizontal		Pass
	1	0	Middle	16.86	1.28	6.70	2.15	20.13	Horizontal		Pass
	1	0	Highest	17.14	1.29	6.70	2.15	20.40	Horizontal		Pass
	1	0	Lowest	18.45	1.27	6.70	2.15	21.73	Vertical		Pass
	1	0	Middle	18.36	1.28	6.70	2.15	21.63	Vertical		Pass
	1	0	Highest	18.56	1.29	6.70	2.15	21.82	Vertical		Pass
Limit	ERP<7W=38.45dBm										

Radiated Power (ERP) for LTE Band 5 / 3M											
Modulation	RB		Channel	Result							Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization	Of Max. ERP	
QPSK	1	0	Lowest	17.46	1.27	6.70	2.15	20.74	Horizontal		Pass
	1	0	Middle	17.48	1.28	6.70	2.15	20.75	Horizontal		Pass
	1	0	Highest	17.37	1.29	6.70	2.15	20.63	Horizontal		Pass
	1	0	Lowest	18.81	1.27	6.70	2.15	22.09	Vertical		Pass
	1	0	Middle	18.83	1.28	6.70	2.15	22.10	Vertical		Pass
	1	0	Highest	18.82	1.29	6.70	2.15	22.08	Vertical		Pass
16QAM	1	0	Lowest	17.05	1.27	6.70	2.15	20.33	Horizontal		Pass
	1	0	Middle	17.15	1.28	6.70	2.15	20.42	Horizontal		Pass
	1	0	Highest	17.05	1.29	6.70	2.15	20.31	Horizontal		Pass
	1	0	Lowest	18.42	1.27	6.70	2.15	21.70	Vertical		Pass
	1	0	Middle	18.58	1.28	6.70	2.15	21.85	Vertical		Pass
	1	0	Highest	18.44	1.29	6.70	2.15	21.70	Vertical		Pass
Limit	ERP<7W=38.45dBm										

Radiated Power (ERP) for LTE Band 5 / 5M											
Modulation	RB		Channel	Result							Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization Of Max. ERP		
QPSK	1	0	Lowest	17.43	1.27	6.70	2.15	20.71	Horizontal		Pass
	1	0	Middle	17.32	1.28	6.70	2.15	20.59	Horizontal		Pass
	1	0	Highest	17.45	1.29	6.70	2.15	20.71	Horizontal		Pass
	1	0	Lowest	18.88	1.27	6.70	2.15	22.16	Vertical		Pass
	1	0	Middle	18.64	1.28	6.70	2.15	21.91	Vertical		Pass
	1	0	Highest	18.93	1.29	6.70	2.15	22.19	Vertical		Pass
16QAM	1	0	Lowest	17.15	1.27	6.70	2.15	20.43	Horizontal		Pass
	1	0	Middle	16.86	1.28	6.70	2.15	20.13	Horizontal		Pass
	1	0	Highest	17.14	1.29	6.70	2.15	20.40	Horizontal		Pass
	1	0	Lowest	18.58	1.27	6.70	2.15	21.86	Vertical		Pass
	1	0	Middle	18.35	1.28	6.70	2.15	21.62	Vertical		Pass
	1	0	Highest	18.54	1.29	6.70	2.15	21.80	Vertical		Pass
Limit	ERP<7W=38.45dBm										

Radiated Power (ERP) for LTE Band 5 / 10M											
Modulation	RB		Channel	Result							Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization Of Max. ERP		
QPSK	1	0	Lowest	17.66	1.27	6.70	2.15	20.94	Horizontal		Pass
	1	0	Middle	17.49	1.28	6.70	2.15	20.76	Horizontal		Pass
	1	0	Highest	17.48	1.29	6.70	2.15	20.74	Horizontal		Pass
	1	0	Lowest	18.98	1.27	6.70	2.15	22.26	Vertical		Pass
	1	0	Middle	18.84	1.28	6.70	2.15	22.11	Vertical		Pass
	1	0	Highest	18.98	1.29	6.70	2.15	22.24	Vertical		Pass
16QAM	1	0	Lowest	17.37	1.27	6.70	2.15	20.65	Horizontal		Pass
	1	0	Middle	17.08	1.28	6.70	2.15	20.35	Horizontal		Pass
	1	0	Highest	17.24	1.29	6.70	2.15	20.50	Horizontal		Pass
	1	0	Lowest	18.75	1.27	6.70	2.15	22.03	Vertical		Pass
	1	0	Middle	18.57	1.28	6.70	2.15	21.84	Vertical		Pass
	1	0	Highest	18.72	1.29	6.70	2.15	21.98	Vertical		Pass
Limit	ERP<7W=38.45dBm										

Radiated Power (EIRP) for LTE Band 7 / 5M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.91	2.56	10.60	19.95	Horizontal	Pass
	1	0	Middle	11.98	2.67	10.65	19.96	Horizontal	Pass
	1	0	Highest	12	2.72	10.70	19.98	Horizontal	Pass
	1	0	Lowest	13.34	2.56	10.60	21.38	Vertical	Pass
	1	0	Middle	13.44	2.67	10.65	21.42	Vertical	Pass
	1	0	Highest	13.4	2.72	10.70	21.38	Vertical	Pass
16QAM	1	0	Lowest	11.68	2.56	10.60	19.72	Horizontal	Pass
	1	0	Middle	11.78	2.67	10.65	19.76	Horizontal	Pass
	1	0	Highest	11.82	2.72	10.70	19.80	Horizontal	Pass
	1	0	Lowest	13.05	2.56	10.60	21.09	Vertical	Pass
	1	0	Middle	13.1	2.67	10.65	21.08	Vertical	Pass
	1	0	Highest	13.23	2.72	10.70	21.21	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 7 / 10M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	12	2.56	10.60	20.04	Horizontal	Pass
	1	0	Middle	12.16	2.67	10.65	20.14	Horizontal	Pass
	1	0	Highest	11.74	2.72	10.70	19.72	Horizontal	Pass
	1	0	Lowest	13.34	2.56	10.60	21.38	Vertical	Pass
	1	0	Middle	13.52	2.67	10.65	21.50	Vertical	Pass
	1	0	Highest	13.2	2.72	10.70	21.18	Vertical	Pass
16QAM	1	0	Lowest	11.76	2.56	10.60	19.80	Horizontal	Pass
	1	0	Middle	11.83	2.67	10.65	19.81	Horizontal	Pass
	1	0	Highest	11.64	2.72	10.70	19.62	Horizontal	Pass
	1	0	Lowest	13.19	2.56	10.60	21.23	Vertical	Pass
	1	0	Middle	13.19	2.67	10.65	21.17	Vertical	Pass
	1	0	Highest	12.96	2.72	10.70	20.94	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 7 / 15M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.94	2.56	10.60	19.98	Horizontal	Pass
	1	0	Middle	11.75	2.67	10.65	19.73	Horizontal	Pass
	1	0	Highest	11.83	2.72	10.70	19.81	Horizontal	Pass
	1	0	Lowest	13.28	2.56	10.60	21.32	Vertical	Pass
	1	0	Middle	13.23	2.67	10.65	21.21	Vertical	Pass
	1	0	Highest	13.14	2.72	10.70	21.12	Vertical	Pass
16QAM	1	0	Lowest	11.54	2.56	10.60	19.58	Horizontal	Pass
	1	0	Middle	11.6	2.67	10.65	19.58	Horizontal	Pass
	1	0	Highest	11.7	2.72	10.70	19.68	Horizontal	Pass
	1	0	Lowest	12.98	2.56	10.60	21.02	Vertical	Pass
	1	0	Middle	12.98	2.67	10.65	20.96	Vertical	Pass
	1	0	Highest	13.04	2.72	10.70	21.02	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 7 / 20M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	12.18	2.56	10.60	20.22	Horizontal	Pass
	1	0	Middle	12.13	2.67	10.65	20.11	Horizontal	Pass
	1	0	Highest	12.11	2.72	10.70	20.09	Horizontal	Pass
	1	0	Lowest	13.59	2.56	10.60	21.63	Vertical	Pass
	1	0	Middle	13.51	2.67	10.65	21.49	Vertical	Pass
	1	0	Highest	13.5	2.72	10.70	21.48	Vertical	Pass
16QAM	1	0	Lowest	11.95	2.56	10.60	19.99	Horizontal	Pass
	1	0	Middle	11.9	2.67	10.65	19.88	Horizontal	Pass
	1	0	Highest	11.87	2.72	10.70	19.85	Horizontal	Pass
	1	0	Lowest	13.29	2.56	10.60	21.33	Vertical	Pass
	1	0	Middle	13.24	2.67	10.65	21.22	Vertical	Pass
	1	0	Highest	13.28	2.72	10.70	21.26	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (ERP) for LTE Band 12 / 1.4M											
Modulation	RB		Channel	Result					Polarization	Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Of Max. ERP	
QPSK	1	0	Lowest	19.47	1.21	6.40	2.15	22.51	Horizontal	Pass
	1	0	Middle	19.58	1.22	6.40	2.15	22.61	Horizontal	Pass
	1	0	Highest	19.45	1.23	6.40	2.15	22.47	Horizontal	Pass
	1	0	Lowest	20.9	1.21	6.40	2.15	23.94	Vertical	Pass
	1	0	Middle	21.07	1.22	6.40	2.15	24.10	Vertical	Pass
	1	0	Highest	20.78	1.23	6.40	2.15	23.80	Vertical	Pass
16QAM	1	0	Lowest	19.3	1.21	6.40	2.15	22.34	Horizontal	Pass
	1	0	Middle	19.3	1.22	6.40	2.15	22.33	Horizontal	Pass
	1	0	Highest	19.32	1.23	6.40	2.15	22.34	Horizontal	Pass
	1	0	Lowest	20.73	1.21	6.40	2.15	23.77	Vertical	Pass
	1	0	Middle	20.77	1.22	6.40	2.15	23.80	Vertical	Pass
	1	0	Highest	20.64	1.23	6.40	2.15	23.66	Vertical	Pass
Limit	ERP<3W=34.77dBm									

Radiated Power (ERP) for LTE Band 12 / 3M											
Modulation	RB		Channel	Result					Polarization	Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Of Max. ERP	
QPSK	1	0	Lowest	19.15	1.21	6.40	2.15	22.19	Horizontal	Pass
	1	0	Middle	19.68	1.22	6.40	2.15	22.71	Horizontal	Pass
	1	0	Highest	19.49	1.23	6.40	2.15	22.51	Horizontal	Pass
	1	0	Lowest	20.65	1.21	6.40	2.15	23.69	Vertical	Pass
	1	0	Middle	21.05	1.22	6.40	2.15	24.08	Vertical	Pass
	1	0	Highest	20.83	1.23	6.40	2.15	23.85	Vertical	Pass
16QAM	1	0	Lowest	19.1	1.21	6.40	2.15	22.14	Horizontal	Pass
	1	0	Middle	19.25	1.22	6.40	2.15	22.28	Horizontal	Pass
	1	0	Highest	19.08	1.23	6.40	2.15	22.10	Horizontal	Pass
	1	0	Lowest	20.51	1.21	6.40	2.15	23.55	Vertical	Pass
	1	0	Middle	20.65	1.22	6.40	2.15	23.68	Vertical	Pass
	1	0	Highest	20.48	1.23	6.40	2.15	23.50	Vertical	Pass
Limit	ERP<3W=34.77dBm									

Radiated Power (ERP) for LTE Band 12 / 5M										
Modulation	RB		Channel	Result						Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization Of Max. ERP	
QPSK	1	0	Lowest	19.37	1.21	6.40	2.15	22.41	Horizontal	Pass
	1	0	Middle	19.21	1.22	6.40	2.15	22.24	Horizontal	Pass
	1	0	Highest	19.37	1.23	6.40	2.15	22.39	Horizontal	Pass
	1	0	Lowest	20.82	1.21	6.40	2.15	23.86	Vertical	Pass
	1	0	Middle	20.7	1.22	6.40	2.15	23.73	Vertical	Pass
	1	0	Highest	20.82	1.23	6.40	2.15	23.84	Vertical	Pass
16QAM	1	0	Lowest	19.28	1.21	6.40	2.15	22.32	Horizontal	Pass
	1	0	Middle	19.08	1.22	6.40	2.15	22.11	Horizontal	Pass
	1	0	Highest	19.17	1.23	6.40	2.15	22.19	Horizontal	Pass
	1	0	Lowest	20.7	1.21	6.40	2.15	23.74	Vertical	Pass
	1	0	Middle	20.54	1.22	6.40	2.15	23.57	Vertical	Pass
	1	0	Highest	20.57	1.23	6.40	2.15	23.59	Vertical	Pass
Limit	ERP<3W=34.77dBm									

Radiated Power (ERP) for LTE Band 12 / 10M										
Modulation	RB		Channel	Result						Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization Of Max. ERP	
QPSK	1	0	Lowest	19.74	1.21	6.40	2.15	22.78	Horizontal	Pass
	1	0	Middle	19.55	1.22	6.40	2.15	22.58	Horizontal	Pass
	1	0	Highest	19.76	1.23	6.40	2.15	22.78	Horizontal	Pass
	1	0	Lowest	21.04	1.21	6.40	2.15	24.08	Vertical	Pass
	1	0	Middle	20.93	1.22	6.40	2.15	23.96	Vertical	Pass
	1	0	Highest	21.09	1.23	6.40	2.15	24.11	Vertical	Pass
16QAM	1	0	Lowest	19.24	1.21	6.40	2.15	22.28	Horizontal	Pass
	1	0	Middle	19.27	1.22	6.40	2.15	22.30	Horizontal	Pass
	1	0	Highest	19.48	1.23	6.40	2.15	22.50	Horizontal	Pass
	1	0	Lowest	20.74	1.21	6.40	2.15	23.78	Vertical	Pass
	1	0	Middle	20.76	1.22	6.40	2.15	23.79	Vertical	Pass
	1	0	Highest	20.8	1.23	6.40	2.15	23.82	Vertical	Pass
Limit	ERP<3W=34.77dBm									

Radiated Power (ERP) for LTE Band 13 / 5M											
Modulation	RB		Channel	Result					Polarization	Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Of Max. ERP	
QPSK	1	0	Lowest	15.98	1.21	6.40	2.15	19.02	Horizontal	Pass
	1	0	Middle	16.09	1.22	6.40	2.15	19.12	Horizontal	Pass
	1	0	Highest	16.21	1.23	6.40	2.15	19.23	Horizontal	Pass
	1	0	Lowest	17.41	1.21	6.40	2.15	20.45	Vertical	Pass
	1	0	Middle	17.59	1.22	6.40	2.15	20.62	Vertical	Pass
	1	0	Highest	17.56	1.23	6.40	2.15	20.58	Vertical	Pass
16QAM	1	0	Lowest	16.03	1.21	6.40	2.15	19.07	Horizontal	Pass
	1	0	Middle	15.9	1.22	6.40	2.15	18.93	Horizontal	Pass
	1	0	Highest	15.96	1.23	6.40	2.15	18.98	Horizontal	Pass
	1	0	Lowest	17.35	1.21	6.40	2.15	20.39	Vertical	Pass
	1	0	Middle	17.31	1.22	6.40	2.15	20.34	Vertical	Pass
	1	0	Highest	17.34	1.23	6.40	2.15	20.36	Vertical	Pass
Limit	ERP<3W=34.77dBm									

Radiated Power (ERP) for LTE Band 13 / 10M											
Modulation	RB		Channel	Result					Polarization	Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Of Max. ERP	
QPSK	1	0	Middle	16.4	1.22	6.40	2.15	19.43	Horizontal	Pass
	1	0	Middle	17.84	1.22	6.40	2.15	20.87	Vertical	Pass
16QAM	1	0	Middle	16.22	1.22	6.40	2.15	19.25	Horizontal	Pass
	1	0	Middle	17.7	1.22	6.40	2.15	20.73	Vertical	Pass
Limit	ERP<3W=34.77dBm									

Radiated Power (ERP) for LTE Band 17 / 5M											
Modulation	RB		Channel	Result							Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization	Of Max. ERP	
QPSK	1	0	Lowest	16.46	1.21	6.40	2.15	19.50	Horizontal		Pass
	1	0	Middle	16.31	1.22	6.40	2.15	19.34	Horizontal		Pass
	1	0	Highest	16.56	1.23	6.40	2.15	19.58	Horizontal		Pass
	1	0	Lowest	17.76	1.21	6.40	2.15	20.80	Vertical		Pass
	1	0	Middle	17.7	1.22	6.40	2.15	20.73	Vertical		Pass
	1	0	Highest	17.88	1.23	6.40	2.15	20.90	Vertical		Pass
16QAM	1	0	Lowest	16.04	1.21	6.40	2.15	19.08	Horizontal		Pass
	1	0	Middle	16.01	1.22	6.40	2.15	19.04	Horizontal		Pass
	1	0	Highest	16.37	1.23	6.40	2.15	19.39	Horizontal		Pass
	1	0	Lowest	17.43	1.21	6.40	2.15	20.47	Vertical		Pass
	1	0	Middle	17.38	1.22	6.40	2.15	20.41	Vertical		Pass
	1	0	Highest	17.67	1.23	6.40	2.15	20.69	Vertical		Pass
Limit	ERP<3W=34.77dBm										

Radiated Power (ERP) for LTE Band 17 / 10M											
Modulation	RB		Channel	Result							Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization	Of Max. ERP	
QPSK	1	0	Lowest	16.75	1.21	6.40	2.15	19.79	Horizontal		Pass
	1	0	Middle	16.55	1.22	6.40	2.15	19.58	Horizontal		Pass
	1	0	Highest	16.48	1.23	6.40	2.15	19.50	Horizontal		Pass
	1	0	Lowest	18.07	1.21	6.40	2.15	21.11	Vertical		Pass
	1	0	Middle	17.87	1.22	6.40	2.15	20.90	Vertical		Pass
	1	0	Highest	17.91	1.23	6.40	2.15	20.93	Vertical		Pass
16QAM	1	0	Lowest	16.24	1.21	6.40	2.15	19.28	Horizontal		Pass
	1	0	Middle	16.31	1.22	6.40	2.15	19.34	Horizontal		Pass
	1	0	Highest	16.34	1.23	6.40	2.15	19.36	Horizontal		Pass
	1	0	Lowest	17.68	1.21	6.40	2.15	20.72	Vertical		Pass
	1	0	Middle	17.76	1.22	6.40	2.15	20.79	Vertical		Pass
	1	0	Highest	17.66	1.23	6.40	2.15	20.68	Vertical		Pass
Limit	ERP<3W=34.77dBm										

Radiated Power (EIRP) for LTE Band 25 / 1.4M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I. R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.7	2.37	10.40	19.73	Horizontal	Pass
	1	0	Middle	11.5	2.39	10.42	19.53	Horizontal	Pass
	1	0	Highest	11.54	2.40	10.44	19.58	Horizontal	Pass
	1	0	Lowest	13.01	2.37	10.40	21.04	Vertical	Pass
	1	0	Middle	12.98	2.39	10.42	21.01	Vertical	Pass
	1	0	Highest	12.93	2.40	10.44	20.97	Vertical	Pass
16QAM	1	0	Lowest	11.46	2.37	10.40	19.49	Horizontal	Pass
	1	0	Middle	11.23	2.39	10.42	19.26	Horizontal	Pass
	1	0	Highest	11.51	2.40	10.44	19.55	Horizontal	Pass
	1	0	Lowest	12.8	2.37	10.40	20.83	Vertical	Pass
	1	0	Middle	12.69	2.39	10.42	20.72	Vertical	Pass
	1	0	Highest	12.82	2.40	10.44	20.86	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 25 / 3M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I. R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.4	2.37	10.40	19.43	Horizontal	Pass
	1	0	Middle	11.33	2.39	10.42	19.36	Horizontal	Pass
	1	0	Highest	11.44	2.40	10.44	19.48	Horizontal	Pass
	1	0	Lowest	12.78	2.37	10.40	20.81	Vertical	Pass
	1	0	Middle	12.75	2.39	10.42	20.78	Vertical	Pass
	1	0	Highest	12.89	2.40	10.44	20.93	Vertical	Pass
16QAM	1	0	Lowest	11.13	2.37	10.40	19.16	Horizontal	Pass
	1	0	Middle	11.21	2.39	10.42	19.24	Horizontal	Pass
	1	0	Highest	11.31	2.40	10.44	19.35	Horizontal	Pass
	1	0	Lowest	12.57	2.37	10.40	20.60	Vertical	Pass
	1	0	Middle	12.64	2.39	10.42	20.67	Vertical	Pass
	1	0	Highest	12.62	2.40	10.44	20.66	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 25 / 5M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I. R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.61	2.37	10.40	19.64	Horizontal	Pass
	1	0	Middle	11.69	2.39	10.42	19.72	Horizontal	Pass
	1	0	Highest	11.46	2.40	10.44	19.50	Horizontal	Pass
	1	0	Lowest	12.99	2.37	10.40	21.02	Vertical	Pass
	1	0	Middle	13.02	2.39	10.42	21.05	Vertical	Pass
	1	0	Highest	12.79	2.40	10.44	20.83	Vertical	Pass
16QAM	1	0	Lowest	11.4	2.37	10.40	19.43	Horizontal	Pass
	1	0	Middle	11.34	2.39	10.42	19.37	Horizontal	Pass
	1	0	Highest	11.21	2.40	10.44	19.25	Horizontal	Pass
	1	0	Lowest	12.76	2.37	10.40	20.79	Vertical	Pass
	1	0	Middle	12.82	2.39	10.42	20.85	Vertical	Pass
	1	0	Highest	12.57	2.40	10.44	20.61	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 25 / 10M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I. R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.56	2.37	10.40	19.59	Horizontal	Pass
	1	0	Middle	11.4	2.39	10.42	19.43	Horizontal	Pass
	1	0	Highest	11.69	2.40	10.44	19.73	Horizontal	Pass
	1	0	Lowest	13.03	2.37	10.40	21.06	Vertical	Pass
	1	0	Middle	12.83	2.39	10.42	20.86	Vertical	Pass
	1	0	Highest	13	2.40	10.44	21.04	Vertical	Pass
16QAM	1	0	Lowest	11.29	2.37	10.40	19.32	Horizontal	Pass
	1	0	Middle	11.39	2.39	10.42	19.42	Horizontal	Pass
	1	0	Highest	11.42	2.40	10.44	19.46	Horizontal	Pass
	1	0	Lowest	12.67	2.37	10.40	20.70	Vertical	Pass
	1	0	Middle	12.76	2.39	10.42	20.79	Vertical	Pass
	1	0	Highest	12.85	2.40	10.44	20.89	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 25 / 15M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I. R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.47	2.37	10.40	19.50	Horizontal	Pass
	1	0	Middle	11.69	2.39	10.42	19.72	Horizontal	Pass
	1	0	Highest	11.65	2.40	10.44	19.69	Horizontal	Pass
	1	0	Lowest	12.84	2.37	10.40	20.87	Vertical	Pass
	1	0	Middle	13.01	2.39	10.42	21.04	Vertical	Pass
	1	0	Highest	13.12	2.40	10.44	21.16	Vertical	Pass
16QAM	1	0	Lowest	11.2	2.37	10.40	19.23	Horizontal	Pass
	1	0	Middle	11.35	2.39	10.42	19.38	Horizontal	Pass
	1	0	Highest	11.35	2.40	10.44	19.39	Horizontal	Pass
	1	0	Lowest	12.6	2.37	10.40	20.63	Vertical	Pass
	1	0	Middle	12.76	2.39	10.42	20.79	Vertical	Pass
	1	0	Highest	12.78	2.40	10.44	20.82	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 25 / 20M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I. R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.82	2.37	10.40	19.85	Horizontal	Pass
	1	0	Middle	11.83	2.39	10.42	19.86	Horizontal	Pass
	1	0	Highest	11.86	2.40	10.44	19.90	Horizontal	Pass
	1	0	Lowest	13.12	2.37	10.40	21.15	Vertical	Pass
	1	0	Middle	13.16	2.39	10.42	21.19	Vertical	Pass
	1	0	Highest	13.31	2.40	10.44	21.35	Vertical	Pass
16QAM	1	0	Lowest	11.42	2.37	10.40	19.45	Horizontal	Pass
	1	0	Middle	11.54	2.39	10.42	19.57	Horizontal	Pass
	1	0	Highest	11.5	2.40	10.44	19.54	Horizontal	Pass
	1	0	Lowest	12.89	2.37	10.40	20.92	Vertical	Pass
	1	0	Middle	12.97	2.39	10.42	21.00	Vertical	Pass
	1	0	Highest	12.9	2.40	10.44	20.94	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (ERP) for LTE Band 26(Part 22) / 1.4M										
Modulation	RB		Channel	Result						Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization Of Max. ERP	
QPSK	1	0	Lowest	20.11	1.27	6.70	2.15	23.39	Horizontal	Pass
	1	0	Middle	20.3	1.28	6.70	2.15	23.57	Horizontal	Pass
	1	0	Highest	20.19	1.29	6.70	2.15	23.45	Horizontal	Pass
	1	0	Lowest	21.46	1.27	6.70	2.15	24.74	Vertical	Pass
	1	0	Middle	21.66	1.28	6.70	2.15	24.93	Vertical	Pass
	1	0	Highest	21.49	1.29	6.70	2.15	24.75	Vertical	Pass
16QAM	1	0	Lowest	20	1.27	6.70	2.15	23.28	Horizontal	Pass
	1	0	Middle	19.91	1.28	6.70	2.15	23.18	Horizontal	Pass
	1	0	Highest	19.91	1.29	6.70	2.15	23.17	Horizontal	Pass
	1	0	Lowest	21.35	1.27	6.70	2.15	24.63	Vertical	Pass
	1	0	Middle	21.34	1.28	6.70	2.15	24.61	Vertical	Pass
	1	0	Highest	21.23	1.29	6.70	2.15	24.49	Vertical	Pass
Limit	ERP<7W=38.45dBm									

Radiated Power (ERP) for LTE Band 26(Part 22) / 3M										
Modulation	RB		Channel	Result						Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization Of Max. ERP	
QPSK	1	0	Lowest	19.98	1.27	6.70	2.15	23.26	Horizontal	Pass
	1	0	Middle	20.2	1.28	6.70	2.15	23.47	Horizontal	Pass
	1	0	Highest	20.21	1.29	6.70	2.15	23.47	Horizontal	Pass
	1	0	Lowest	21.42	1.27	6.70	2.15	24.70	Vertical	Pass
	1	0	Middle	21.7	1.28	6.70	2.15	24.97	Vertical	Pass
	1	0	Highest	21.59	1.29	6.70	2.15	24.85	Vertical	Pass
16QAM	1	0	Lowest	19.59	1.27	6.70	2.15	22.87	Horizontal	Pass
	1	0	Middle	20.12	1.28	6.70	2.15	23.39	Horizontal	Pass
	1	0	Highest	19.96	1.29	6.70	2.15	23.22	Horizontal	Pass
	1	0	Lowest	21.04	1.27	6.70	2.15	24.32	Vertical	Pass
	1	0	Middle	21.44	1.28	6.70	2.15	24.71	Vertical	Pass
	1	0	Highest	21.39	1.29	6.70	2.15	24.65	Vertical	Pass
Limit	ERP<7W=38.45dBm									

Radiated Power (ERP) for LTE Band 26(Part 22) / 5M											
Modulation	RB		Channel	Result						Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization Of Max. ERP	
QPSK	1	0	Lowest	20.15	1.27	6.70	2.15	23.43	Horizontal	Pass
	1	0	Middle	20.18	1.28	6.70	2.15	23.45	Horizontal	Pass
	1	0	Highest	20	1.29	6.70	2.15	23.26	Horizontal	Pass
	1	0	Lowest	21.47	1.27	6.70	2.15	24.75	Vertical	Pass
	1	0	Middle	21.58	1.28	6.70	2.15	24.85	Vertical	Pass
	1	0	Highest	21.31	1.29	6.70	2.15	24.57	Vertical	Pass
16QAM	1	0	Lowest	19.93	1.27	6.70	2.15	23.21	Horizontal	Pass
	1	0	Middle	20.1	1.28	6.70	2.15	23.37	Horizontal	Pass
	1	0	Highest	19.7	1.29	6.70	2.15	22.96	Horizontal	Pass
	1	0	Lowest	21.29	1.27	6.70	2.15	24.57	Vertical	Pass
	1	0	Middle	21.42	1.28	6.70	2.15	24.69	Vertical	Pass
	1	0	Highest	21.05	1.29	6.70	2.15	24.31	Vertical	Pass
Limit	ERP<7W=38.45dBm									

Radiated Power (ERP) for LTE Band 26(Part 22) / 10M											
Modulation	RB		Channel	Result						Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization Of Max. ERP	
QPSK	1	0	Lowest	20.09	1.27	6.70	2.15	23.37	Horizontal	Pass
	1	0	Middle	20.19	1.28	6.70	2.15	23.46	Horizontal	Pass
	1	0	Highest	20.33	1.29	6.70	2.15	23.59	Horizontal	Pass
	1	0	Lowest	21.48	1.27	6.70	2.15	24.76	Vertical	Pass
	1	0	Middle	21.56	1.28	6.70	2.15	24.83	Vertical	Pass
	1	0	Highest	21.7	1.29	6.70	2.15	24.96	Vertical	Pass
16QAM	1	0	Lowest	19.83	1.27	6.70	2.15	23.11	Horizontal	Pass
	1	0	Middle	19.86	1.28	6.70	2.15	23.13	Horizontal	Pass
	1	0	Highest	20	1.29	6.70	2.15	23.26	Horizontal	Pass
	1	0	Lowest	21.24	1.27	6.70	2.15	24.52	Vertical	Pass
	1	0	Middle	21.17	1.28	6.70	2.15	24.44	Vertical	Pass
	1	0	Highest	21.39	1.29	6.70	2.15	24.65	Vertical	Pass
Limit	ERP<7W=38.45dBm									

Radiated Power (ERP) for LTE Band 26(Part 22) / 15M											
Modulation	RB		Channel	Result							Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization	Of Max. ERP	
QPSK	1	0	Lowest	20.61	1.27	6.70	2.15	23.89	Horizontal		Pass
	1	0	Middle	20.35	1.28	6.70	2.15	23.62	Horizontal		Pass
	1	0	Highest	20.5	1.29	6.70	2.15	23.76	Horizontal		Pass
	1	0	Lowest	22	1.27	6.70	2.15	25.28	Vertical		Pass
	1	0	Middle	21.82	1.28	6.70	2.15	25.09	Vertical		Pass
	1	0	Highest	21.94	1.29	6.70	2.15	25.20	Vertical		Pass
16QAM	1	0	Lowest	20.34	1.27	6.70	2.15	23.62	Horizontal		Pass
	1	0	Middle	20.24	1.28	6.70	2.15	23.51	Horizontal		Pass
	1	0	Highest	20.39	1.29	6.70	2.15	23.65	Horizontal		Pass
	1	0	Lowest	21.75	1.27	6.70	2.15	25.03	Vertical		Pass
	1	0	Middle	21.6	1.28	6.70	2.15	24.87	Vertical		Pass
	1	0	Highest	21.82	1.29	6.70	2.15	25.08	Vertical		Pass
Limit	ERP<7W=38.45dBm										

Radiated Power (ERP) for LTE Band 26(Part 90) / 1.4M											
Modulation	RB		Channel	Result							Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization	Of Max. ERP	
QPSK	1	0	Lowest	20.11	1.27	6.70	2.15	23.39	Horizontal		Pass
	1	0	Middle	20.05	1.27	6.70	2.15	23.33	Horizontal		Pass
	1	0	Highest	20.27	1.27	6.70	2.15	23.55	Horizontal		Pass
	1	0	Lowest	21.41	1.27	6.70	2.15	24.69	Vertical		Pass
	1	0	Middle	21.43	1.27	6.70	2.15	24.71	Vertical		Pass
	1	0	Highest	21.62	1.27	6.70	2.15	24.90	Vertical		Pass
16QAM	1	0	Lowest	19.68	1.27	6.70	2.15	22.96	Horizontal		Pass
	1	0	Middle	19.97	1.27	6.70	2.15	23.25	Horizontal		Pass
	1	0	Highest	19.88	1.27	6.70	2.15	23.16	Horizontal		Pass
	1	0	Lowest	21.12	1.27	6.70	2.15	24.40	Vertical		Pass
	1	0	Middle	21.29	1.27	6.70	2.15	24.57	Vertical		Pass
	1	0	Highest	21.32	1.27	6.70	2.15	24.60	Vertical		Pass
Limit	ERP<100W=50dBm										

Radiated Power (ERP) for LTE Band 26(Part 90) / 3M											
Modulation	RB		Channel	Result						Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization Of Max. ERP	
QPSK	1	0	Lowest	19.82	1.27	6.70	2.15	23.10	Horizontal	Pass
	1	0	Middle	19.98	1.27	6.70	2.15	23.26	Horizontal	Pass
	1	0	Highest	19.78	1.27	6.70	2.15	23.06	Horizontal	Pass
	1	0	Lowest	21.31	1.27	6.70	2.15	24.59	Vertical	Pass
	1	0	Middle	21.29	1.27	6.70	2.15	24.57	Vertical	Pass
	1	0	Highest	21.21	1.27	6.70	2.15	24.49	Vertical	Pass
16QAM	1	0	Lowest	19.56	1.27	6.70	2.15	22.84	Horizontal	Pass
	1	0	Middle	19.59	1.27	6.70	2.15	22.87	Horizontal	Pass
	1	0	Highest	19.5	1.27	6.70	2.15	22.78	Horizontal	Pass
	1	0	Lowest	21.04	1.27	6.70	2.15	24.32	Vertical	Pass
	1	0	Middle	21.08	1.27	6.70	2.15	24.36	Vertical	Pass
	1	0	Highest	20.96	1.27	6.70	2.15	24.24	Vertical	Pass
Limit	ERP<100W=50dBm									

Radiated Power (ERP) for LTE Band 26(Part 90) / 5M											
Modulation	RB		Channel	Result						Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization Of Max. ERP	
QPSK	1	0	Lowest	20.01	1.27	6.70	2.15	23.29	Horizontal	Pass
	1	0	Middle	20.17	1.27	6.70	2.15	23.45	Horizontal	Pass
	1	0	Highest	20.3	1.27	6.70	2.15	23.58	Horizontal	Pass
	1	0	Lowest	21.47	1.27	6.70	2.15	24.75	Vertical	Pass
	1	0	Middle	21.57	1.27	6.70	2.15	24.85	Vertical	Pass
	1	0	Highest	21.69	1.27	6.70	2.15	24.97	Vertical	Pass
16QAM	1	0	Lowest	19.8	1.27	6.70	2.15	23.08	Horizontal	Pass
	1	0	Middle	20.18	1.27	6.70	2.15	23.46	Horizontal	Pass
	1	0	Highest	19.92	1.27	6.70	2.15	23.20	Horizontal	Pass
	1	0	Lowest	21.3	1.27	6.70	2.15	24.58	Vertical	Pass
	1	0	Middle	21.49	1.27	6.70	2.15	24.77	Vertical	Pass
	1	0	Highest	21.36	1.27	6.70	2.15	24.64	Vertical	Pass
Limit	ERP<100W=50dBm									

Radiated Power (ERP) for LTE Band 26(Part 90) / 10M											
Modulation	RB		Channel	Result						Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	correction factor(dB)	PMeas E.R.P(dBm)	Polarization Of Max. ERP	
QPSK	1	0	Middle	20.58	1.27	6.70	2.15	23.86	Horizontal	Pass
	1	0	Middle	21.86	1.27	6.70	2.15	25.14	Vertical	Pass
16QAM	1	0	Middle	20.22	1.27	6.70	2.15	23.50	Horizontal	Pass
	1	0	Middle	21.48	1.27	6.70	2.15	24.76	Vertical	Pass
Limit	ERP<100W=50dBm									

2305-2315MHz

Radiated Power (EIRP) for LTE Band40 / 5M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.41	2.56	10.60	19.45	Horizontal	Pass
	1	0	Middle	11.59	2.67	10.65	19.57	Horizontal	Pass
	1	0	Highest	11.61	2.72	10.70	19.59	Horizontal	Pass
	1	0	Lowest	12.89	2.56	10.60	20.93	Vertical	Pass
	1	0	Middle	13	2.67	10.65	20.98	Vertical	Pass
	1	0	Highest	13.04	2.72	10.70	21.02	Vertical	Pass
16QAM	1	0	Lowest	11.24	2.56	10.60	19.28	Horizontal	Pass
	1	0	Middle	11.47	2.67	10.65	19.45	Horizontal	Pass
	1	0	Highest	11.48	2.72	10.70	19.46	Horizontal	Pass
	1	0	Lowest	12.69	2.56	10.60	20.73	Vertical	Pass
	1	0	Middle	12.93	2.67	10.65	20.91	Vertical	Pass
	1	0	Highest	12.8	2.72	10.70	20.78	Vertical	Pass
Limit	EIRP<250mW=23.97dBm								

Radiated Power (EIRP) for LTE Band 40 / 10M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Middle	11.76	2.67	10.65	19.74	Horizontal	Pass
	1	0	Middle	13.23	2.67	10.65	21.21	Vertical	Pass
16QAM	1	0	Middle	11.66	2.67	10.65	19.64	Horizontal	Pass
	1	0	Middle	13.06	2.67	10.65	21.04	Vertical	Pass
Limit	EIRP<250mW=23.97dBm								

2350-2360MHz

Radiated Power (EIRP) for LTE Band40 / 5M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.38	2.56	10.60	19.42	Horizontal	Pass
	1	0	Middle	11.25	2.67	10.65	19.23	Horizontal	Pass
	1	0	Highest	11.49	2.72	10.70	19.47	Horizontal	Pass
	1	0	Lowest	12.7	2.56	10.60	20.74	Vertical	Pass
	1	0	Middle	12.64	2.67	10.65	20.62	Vertical	Pass
	1	0	Highest	12.83	2.72	10.70	20.81	Vertical	Pass
16QAM	1	0	Lowest	11.21	2.56	10.60	19.25	Horizontal	Pass
	1	0	Middle	11.01	2.67	10.65	18.99	Horizontal	Pass
	1	0	Highest	11.16	2.72	10.70	19.14	Horizontal	Pass
	1	0	Lowest	12.54	2.56	10.60	20.58	Vertical	Pass
	1	0	Middle	12.49	2.67	10.65	20.47	Vertical	Pass
	1	0	Highest	12.48	2.72	10.70	20.46	Vertical	Pass
Limit	EIRP<250mW=23.97dBm								

Radiated Power (EIRP) for LTE Band 40 / 10M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Middle	11.48	2.67	10.65	19.46	Horizontal	Pass
	1	0	Middle	12.79	2.67	10.65	20.77	Vertical	Pass
16QAM	1	0	Middle	11.27	2.67	10.65	19.25	Horizontal	Pass
	1	0	Middle	12.67	2.67	10.65	20.65	Vertical	Pass
Limit	EIRP<250mW=23.97dBm								

Radiated Power (EIRP) for LTE Band41 / 5M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.37	2.56	10.60	19.41	Horizontal	Pass
	1	0	Middle	11.27	2.67	10.65	19.25	Horizontal	Pass
	1	0	Highest	11.6	2.72	10.70	19.58	Horizontal	Pass
	1	0	Lowest	12.68	2.56	10.60	20.72	Vertical	Pass
	1	0	Middle	12.61	2.67	10.65	20.59	Vertical	Pass
	1	0	Highest	12.98	2.72	10.70	20.96	Vertical	Pass
16QAM	1	0	Lowest	11.02	2.56	10.60	19.06	Horizontal	Pass
	1	0	Middle	11.12	2.67	10.65	19.10	Horizontal	Pass
	1	0	Highest	11.18	2.72	10.70	19.16	Horizontal	Pass
	1	0	Lowest	12.32	2.56	10.60	20.36	Vertical	Pass
	1	0	Middle	12.51	2.67	10.65	20.49	Vertical	Pass
	1	0	Highest	12.52	2.72	10.70	20.50	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 41 / 10M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.28	2.56	10.60	19.32	Horizontal	Pass
	1	0	Middle	11.13	2.67	10.65	19.11	Horizontal	Pass
	1	0	Highest	11.4	2.72	10.70	19.38	Horizontal	Pass
	1	0	Lowest	12.75	2.56	10.60	20.79	Vertical	Pass
	1	0	Middle	12.47	2.67	10.65	20.45	Vertical	Pass
	1	0	Highest	12.78	2.72	10.70	20.76	Vertical	Pass
16QAM	1	0	Lowest	11.01	2.56	10.60	19.05	Horizontal	Pass
	1	0	Middle	10.97	2.67	10.65	18.95	Horizontal	Pass
	1	0	Highest	11.25	2.72	10.70	19.23	Horizontal	Pass
	1	0	Lowest	12.49	2.56	10.60	20.53	Vertical	Pass
	1	0	Middle	12.28	2.67	10.65	20.26	Vertical	Pass
	1	0	Highest	12.6	2.72	10.70	20.58	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 41 / 15M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.27	2.56	10.60	19.31	Horizontal	Pass
	1	0	Middle	11.13	2.67	10.65	19.11	Horizontal	Pass
	1	0	Highest	11.37	2.72	10.70	19.35	Horizontal	Pass
	1	0	Lowest	12.71	2.56	10.60	20.75	Vertical	Pass
	1	0	Middle	12.54	2.67	10.65	20.52	Vertical	Pass
	1	0	Highest	12.68	2.72	10.70	20.66	Vertical	Pass
16QAM	1	0	Lowest	11.05	2.56	10.60	19.09	Horizontal	Pass
	1	0	Middle	10.94	2.67	10.65	18.92	Horizontal	Pass
	1	0	Highest	11.21	2.72	10.70	19.19	Horizontal	Pass
	1	0	Lowest	12.4	2.56	10.60	20.44	Vertical	Pass
	1	0	Middle	12.24	2.67	10.65	20.22	Vertical	Pass
	1	0	Highest	12.56	2.72	10.70	20.54	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 41 / 20M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	11.47	2.56	10.60	19.51	Horizontal	Pass
	1	0	Middle	11.49	2.67	10.65	19.47	Horizontal	Pass
	1	0	Highest	11.67	2.72	10.70	19.65	Horizontal	Pass
	1	0	Lowest	12.86	2.56	10.60	20.90	Vertical	Pass
	1	0	Middle	12.87	2.67	10.65	20.85	Vertical	Pass
	1	0	Highest	12.98	2.72	10.70	20.96	Vertical	Pass
16QAM	1	0	Lowest	11.03	2.56	10.60	19.07	Horizontal	Pass
	1	0	Middle	11.03	2.67	10.65	19.01	Horizontal	Pass
	1	0	Highest	11.36	2.72	10.70	19.34	Horizontal	Pass
	1	0	Lowest	12.47	2.56	10.60	20.51	Vertical	Pass
	1	0	Middle	12.44	2.67	10.65	20.42	Vertical	Pass
	1	0	Highest	12.71	2.72	10.70	20.69	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (EIRP) for LTE Band 66 / 1.4M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	13.75	2.35	10.13	21.53	Horizontal	Pass
	1	0	Middle	13.79	2.36	10.16	21.59	Horizontal	Pass
	1	0	Highest	13.75	2.37	10.22	21.60	Horizontal	Pass
	1	0	Lowest	15.23	2.35	10.13	23.01	Vertical	Pass
	1	0	Middle	15.22	2.36	10.16	23.02	Vertical	Pass
	1	0	Highest	15.23	2.37	10.22	23.08	Vertical	Pass
16QAM	1	0	Lowest	13.57	2.35	10.13	21.35	Horizontal	Pass
	1	0	Middle	13.46	2.36	10.16	21.26	Horizontal	Pass
	1	0	Highest	13.55	2.37	10.22	21.40	Horizontal	Pass
	1	0	Lowest	15.03	2.35	10.13	22.81	Vertical	Pass
	1	0	Middle	14.84	2.36	10.16	22.64	Vertical	Pass
	1	0	Highest	14.89	2.37	10.22	22.74	Vertical	Pass
Limit	EIRP<1W=30dBm								

Radiated Power (EIRP) for LTE Band 66 / 3M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	13.89	2.35	10.13	21.67	Horizontal	Pass
	1	0	Middle	13.81	2.36	10.16	21.61	Horizontal	Pass
	1	0	Highest	13.88	2.37	10.22	21.73	Horizontal	Pass
	1	0	Lowest	15.24	2.35	10.13	23.02	Vertical	Pass
	1	0	Middle	15.31	2.36	10.16	23.11	Vertical	Pass
	1	0	Highest	15.22	2.37	10.22	23.07	Vertical	Pass
16QAM	1	0	Lowest	13.46	2.35	10.13	21.24	Horizontal	Pass
	1	0	Middle	13.62	2.36	10.16	21.42	Horizontal	Pass
	1	0	Highest	13.51	2.37	10.22	21.36	Horizontal	Pass
	1	0	Lowest	14.88	2.35	10.13	22.66	Vertical	Pass
	1	0	Middle	15.07	2.36	10.16	22.87	Vertical	Pass
	1	0	Highest	14.88	2.37	10.22	22.73	Vertical	Pass
Limit	EIRP<1W=30dBm								

Radiated Power (EIRP) for LTE Band 66 / 5M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	13.55	2.35	10.13	21.33	Horizontal	Pass
	1	0	Middle	13.73	2.36	10.16	21.53	Horizontal	Pass
	1	0	Highest	13.35	2.37	10.22	21.20	Horizontal	Pass
	1	0	Lowest	15	2.35	10.13	22.78	Vertical	Pass
	1	0	Middle	15.05	2.36	10.16	22.85	Vertical	Pass
	1	0	Highest	14.76	2.37	10.22	22.61	Vertical	Pass
16QAM	1	0	Lowest	13.31	2.35	10.13	21.09	Horizontal	Pass
	1	0	Middle	13.22	2.36	10.16	21.02	Horizontal	Pass
	1	0	Highest	13.29	2.37	10.22	21.14	Horizontal	Pass
	1	0	Lowest	14.8	2.35	10.13	22.58	Vertical	Pass
	1	0	Middle	14.66	2.36	10.16	22.46	Vertical	Pass
	1	0	Highest	14.61	2.37	10.22	22.46	Vertical	Pass
Limit	EIRP<1W=30dBm								

Radiated Power (EIRP) for LTE Band 66 / 10M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	13.83	2.35	10.13	21.61	Horizontal	Pass
	1	0	Middle	13.71	2.36	10.16	21.51	Horizontal	Pass
	1	0	Highest	14	2.37	10.22	21.85	Horizontal	Pass
	1	0	Lowest	15.32	2.35	10.13	23.10	Vertical	Pass
	1	0	Middle	15.06	2.36	10.16	22.86	Vertical	Pass
	1	0	Highest	15.38	2.37	10.22	23.23	Vertical	Pass
16QAM	1	0	Lowest	13.59	2.35	10.13	21.37	Horizontal	Pass
	1	0	Middle	13.24	2.36	10.16	21.04	Horizontal	Pass
	1	0	Highest	13.53	2.37	10.22	21.38	Horizontal	Pass
	1	0	Lowest	15.02	2.35	10.13	22.80	Vertical	Pass
	1	0	Middle	14.71	2.36	10.16	22.51	Vertical	Pass
	1	0	Highest	14.96	2.37	10.22	22.81	Vertical	Pass
Limit	EIRP<1W=30dBm								

Radiated Power (EIRP) for LTE Band 66 / 15M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	13.65	2.35	10.13	21.43	Horizontal	Pass
	1	0	Middle	13.78	2.36	10.16	21.58	Horizontal	Pass
	1	0	Highest	13.64	2.37	10.22	21.49	Horizontal	Pass
	1	0	Lowest	15.14	2.35	10.13	22.92	Vertical	Pass
	1	0	Middle	15.22	2.36	10.16	23.02	Vertical	Pass
	1	0	Highest	15.06	2.37	10.22	22.91	Vertical	Pass
16QAM	1	0	Lowest	13.49	2.35	10.13	21.27	Horizontal	Pass
	1	0	Middle	13.7	2.36	10.16	21.50	Horizontal	Pass
	1	0	Highest	13.46	2.37	10.22	21.31	Horizontal	Pass
	1	0	Lowest	14.89	2.35	10.13	22.67	Vertical	Pass
	1	0	Middle	15.05	2.36	10.16	22.85	Vertical	Pass
	1	0	Highest	14.82	2.37	10.22	22.67	Vertical	Pass
Limit	EIRP<1W=30dBm								

Radiated Power (EIRP) for LTE Band 66 / 20M									
Modulation	RB		Channel	Result					Conclusion
	Size	Offset		S G.Level (dBm)	Cable loss	Gain (dBi)	PMeas E.I.R.P(dBm)	Polarization Of Max. EIRP	
QPSK	1	0	Lowest	14.1	2.35	10.13	21.88	Horizontal	Pass
	1	0	Middle	13.92	2.36	10.16	21.72	Horizontal	Pass
	1	0	Highest	13.87	2.37	10.22	21.72	Horizontal	Pass
	1	0	Lowest	15.49	2.35	10.13	23.27	Vertical	Pass
	1	0	Middle	15.34	2.36	10.16	23.14	Vertical	Pass
	1	0	Highest	15.32	2.37	10.22	23.17	Vertical	Pass
16QAM	1	0	Lowest	13.67	2.35	10.13	21.45	Horizontal	Pass
	1	0	Middle	13.83	2.36	10.16	21.63	Horizontal	Pass
	1	0	Highest	13.58	2.37	10.22	21.43	Horizontal	Pass
	1	0	Lowest	15.07	2.35	10.13	22.85	Vertical	Pass
	1	0	Middle	15.13	2.36	10.16	22.93	Vertical	Pass
	1	0	Highest	15.05	2.37	10.22	22.90	Vertical	Pass
Limit	EIRP<1W=30dBm								

6. OCCUPIED BANDWIDTH

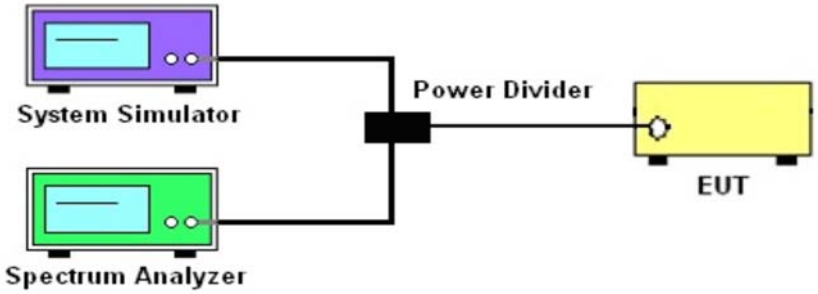
6.1 DESCRIPTION OF OCCUPIED BANDWIDTH MEASUREMENT

6.1.1 MEASUREMENT METHOD

1.The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

2.The 26 db emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 db below the maximum in-band spectral density of the modulated signal. spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

6.1.2 TEST SETUP



6.1.3 TEST PROCEDURES

1. The testing follows FCC KDB 971168 D01 v03r01 Section 4.2 and 4.3.

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 Occupied Bandwidth of the spectrum analyzer.

5. Measure and record the Occupied Bandwidth from the Spectrum Analyzer.

	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	PK	PK	PK	PK	PK
Trace	Max	Max	Max	Max	Max	Max
Sweep Count	Auto	Auto	Auto	Auto	Auto	Auto

6.1.4 MEASUREMENT RESULT

LTE Band 2 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
1.4	QPSK	1.096	1.31	1.102	1.284	1.092	1.282
1.4	16-QAM	1.098	1.311	1.09	1.286	1.094	1.281
3	QPSK	2.674	2.853	2.682	2.864	2.677	2.864
3	16-QAM	2.673	2.854	2.6736	2.87	2.675	2.848
5	QPSK	4.518	5.161	4.531	5.191	4.5202	5.312
5	16-QAM	4.534	5.189	4.5301	5.192	4.513	5.147
10	QPSK	8.951	9.864	8.958	9.9	8.977	9.938
10	16-QAM	8.95	9.702	8.955	9.792	8.958	9.876
15	QPSK	13.486	15.07	13.526	15.11	13.537	15.1
15	16-QAM	13.488	14.94	13.529	15.05	13.535	15.01
20	QPSK	17.917	19.63	17.985	19.86	17.895	19.36
20	16-QAM	17.896	19.36	17.97	19.72	17.898	19.41
LTE Band 4 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
1.4	QPSK	1.104	1.284	1.0923	1.291	1.096	1.317
1.4	16-QAM	1.09	1.282	1.094	1.291	1.0986	1.311
3	QPSK	2.681	2.869	2.678	2.859	2.672	2.845
3	16-QAM	2.675	2.857	2.675	2.85	2.673	2.854
5	QPSK	4.521	5.181	4.5324	5.165	4.517	5.18
5	16-QAM	4.542	5.217	4.545	5.254	4.515	5.144
10	QPSK	8.948	9.797	8.944	9.828	8.965	9.887
10	16-QAM	8.959	9.751	8.944	9.812	8.951	9.832
15	QPSK	13.511	15.16	13.449	14.99	13.507	15.14
15	16-QAM	13.495	15	14.49	14.95	13.52	15.07
20	QPSK	17.953	19.69	17.925	19.72	17.924	19.5
20	16-QAM	17.954	19.58	17.917	19.62	17.934	19.43
LTE Band 5 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
1.4	QPSK	1.1044	1.289	1.092	1.285	1.094	1.303
1.4	16-QAM	1.098	1.303	1.094	1.289	1.088	1.271
3	QPSK	2.681	2.862	2.677	2.864	2.674	2.854
3	16-QAM	2.673	2.873	2.6751	2.851	2.672	2.854
5	QPSK	4.552	5.208	4.511	5.179	4.592	5.157
5	16-QAM	4.512	5.133	4.538	5.165	4.546	5.182
10	QPSK	8.982	12.28	8.944	9.785	8.921	9.769
10	16-QAM	8.936	9.815	8.955	9.829	8.927	9.714

LTE Band 7 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
5	QPSK	4.507	5.166	4.531	5.19	4.519	5.167
5	16-QAM	4.538	5.172	4.541	5.21	4.519	5.184
10	QPSK	8.952	9.894	8.939	9.745	8.954	9.905
10	16-QAM	8.9512	9.772	8.952	9.88	8.952	9.873
15	QPSK	13.504	15.03	13.519	15.07	13.469	15.04
15	16-QAM	13.506	15.02	13.504	14.93	13.507	14.95
20	QPSK	17.947	19.56	17.927	19.67	17.914	19.42
20	16-QAM	17.968	19.48	17.92	19.6	17.912	19.51

LTE Band 12 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
1.4	QPSK	1.1065	1.32	1.1029	1.285	1.0931	1.288
1.4	16-QAM	1.104	1.321	1.0903	1.274	1.094	1.291
3	QPSK	2.68	2.864	2.679	2.868	2.6753	2.859
3	16-QAM	2.674	2.868	2.675	2.859	2.673	2.857
5	QPSK	4.528	5.18	4.527	5.18	4.508	5.107
5	16-QAM	4.533	5.233	4.525	5.155	4.52	5.222
10	QPSK	8.9192	9.675	8.974	9.953	8.9535	9.834
10	16-QAM	8.919	9.644	8.977	9.837	8.948	9.789

LTE Band 13 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
5	QPSK	4.525	5.171	4.527	5.192	4.527	5.16
5	16-QAM	4.528	5.166	4.545	5.245	4.531	5.182
10	QPSK	N/A	N/A	9.003	10.05	N/A	N/A
10	16-QAM	N/A	N/A	8.987	9.737	N/A	N/A

LTE Band 17 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
5	QPSK	4.515	5.2	4.518	5.179	4.523	5.151
5	16-QAM	4.54	5.173	4.5461	5.242	4.5061	5.079
10	QPSK	8.956	9.081	8.956	9.88	8.95	9.884
10	16-QAM	8.964	9.747	8.959	9.861	8.945	9.846

LTE Band 25 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
1.4	QPSK	1.095	1.303	1.102	1.281	1.094	1.295
1.4	16-QAM	1.09	1.277	1.0931	1.297	1.0992	1.303
3	QPSK	2.681	2.858	2.676	2.867	2.673	2.853
3	16-QAM	2.672	2.855	2.676	2.853	2.6711	2.847
5	QPSK	4.52	5.182	4.51	5.171	4.525	5.199
5	16-QAM	4.529	5.193	4.542	5.194	4.504	5.107
10	QPSK	8.94	9.771	8.948	9.919	8.955	9.847
10	16-QAM	8.953	9.81	8.956	9.859	8.935	9.743
15	QPSK	13.457	15.7	13.513	15.2	13.507	15.12
15	16-QAM	13.49	15.18	13.522	15.01	13.488	14.94
20	QPSK	17.874	19.38	17.985	19.84	17.928	19.35
20	16-QAM	17.897	19.44	17.943	19.56	17.964	19.42

LTE Band 26(Part 22) Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
1.4	QPSK	1.104	1.319	1.102	1.282	1.091	1.283
1.4	16-QAM	1.09	1.283	1.094	1.285	1.098	1.305
3	QPSK	2.6814	2.855	2.6757	2.862	2.6757	2.859
3	16-QAM	2.678	2.849	2.6713	2.853	2.6738	2.87
5	QPSK	4.506	4.927	4.501	5.114	4.51	4.918
5	16-QAM	4.516	4.946	4.516	5.04	4.488	4.904
10	QPSK	8.929	9.539	8.945	9.568	8.937	9.626
10	16-QAM	8.928	9.625	8.9398	9.6	8.918	9.535
15	QPSK	13.442	15.24	13.423	14.47	13.47	14.53
15	16-QAM	13.447	16.03	13.417	14.55	13.5	14.52

LTE Band 26(Part 90) Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
1.4	QPSK	1.091	1.276	1.096	1.304	1.1046	1.301
1.4	16-QAM	1.0987	1.309	1.0889	1.274	1.098	1.306
3	QPSK	2.678	2.863	2.677	2.865	2.678	2.85
3	16-QAM	2.6751	2.855	2.671	2.86	2.675	2.885
5	QPSK	4.498	4.95	4.4958	4.927	4.507	4.967
5	16-QAM	4.5084	4.925	4.501	4.975	4.489	4.911
10	QPSK	N/A	N/A	8.9352	9.555	N/A	N/A
10	16-QAM	N/A	N/A	8.942	9.54	N/A	N/A

2305-2315MHz

LTE Band 40 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
5	QPSK	4.516	5.079	4.505	5.266	4.514	5.309
5	16-QAM	4.5141	5.249	4.504	5.118	4.524	5.16
10	QPSK	N/A	N/A	8.948	9.891	N/A	N/A
10	16-QAM	N/A	N/A	8.938	9.657	N/A	N/A

2350-2360MHz

LTE Band 40 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
5	QPSK	4.516	5.132	4.504	5.111	4.512	5.183
5	16-QAM	4.5042	5.125	4.509	5.554	4.526	5.138
10	QPSK	N/A	N/A	8.953	9.833	N/A	N/A
10	16-QAM	N/A	N/A	8.946	9.675	N/A	N/A

LTE Band 41 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
5	QPSK	4.4943	4.983	4.4897	4.91	4.506	4.868
5	16-QAM	4.496	4.931	4.488	4.942	4.487	4.995
10	QPSK	8.934	9.618	8.939	9.737	8.931	9.578
10	16-QAM	8.934	9.503	8.93	9.923	8.926	9.451
15	QPSK	13.439	14.89	13.46	14.55	13.441	14.47
15	16-QAM	13.501	15.42	13.469	15.05	13.495	14.94
20	QPSK	17.876	19	17.884	19.17	17.934	18.95
20	16-QAM	17.875	19.41	17.853	19.17	17.881	19.1

LTE Band 66 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
1.4	QPSK	1.1012	1.312	1.1029	1.28	1.0931	1.275
1.4	16-QAM	1.0969	1.295	1.099	1.306	1.09	1.285
3	QPSK	2.681	2.865	2.6757	2.844	2.679	2.863
3	16-QAM	2.678	2.856	2.672	2.859	2.674	2.863
5	QPSK	4.5164	5.159	4.535	5.164	4.519	5.169
5	16-QAM	4.548	5.211	4.531	5.213	4.5122	5.13
10	QPSK	8.945	9.811	8.967	9.901	8.943	9.78
10	16-QAM	8.959	9.84	8.957	9.887	8.951	9.711
15	QPSK	13.453	14.85	13.532	15.06	13.458	15.01
15	16-QAM	13.503	15.06	13.523	15.29	13.512	14.95
20	QPSK	17.981	19.79	17.947	19.51	17.905	19.48
20	16-QAM	17.932	19.54	17.918	19.51	17.95	19.43

Note: Test chart See Appendix A

7. CONDUCTED BAND EDGE

7.1 DESCRIPTION OF CONDUCTED BAND EDGE MEASUREMENT

7.1.1 MEASUREMENT METHOD

1. §22.917(a)
For operations in the 824 – 849 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

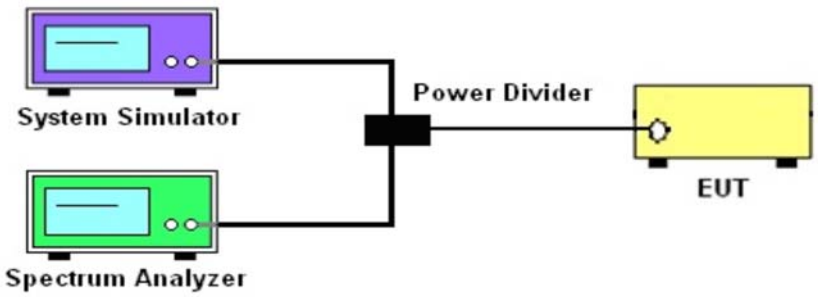
2. §24.238 (a)
For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed

3. §27.53 (h)
For operations in the 1710 – 1755 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

4. §27.53(m)(4)
For operations in the 2500 MHz ~ 2570 MHz band this section, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHzand 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licenseesoperating on frequencies below 2495 MHz may also submit a documented interference complaintagainst BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

5. §27.53 (g)
For operations in the 698 -746 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

7.1.2 TEST SETUP



7.1.3 TEST PROCEDURES

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0 and ANSI C63.26 2015 Section 5.7.

2. The EUT was connected to spectrum analyzer and system simulator via a power divider.

3. The band edges of low and high channels for the highest RF powers were measured. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.

4. Set spectrum analyzer with RMS/AVG detector.

5. The RF fundamental frequency should be excluded against the limit line in the operating frquency band.

6.The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
= P(W)- [43 + 10log(P)] (dB)
= [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
= -13dBm.

Band 7:
= P(W)- [55 + 10log(P)] (dB)
= [30 + 10log(P)] (dBm) - [55 + 10log(P)] (dB)
= -25dBm.

	LTE					
LTE BW	1.4M	3M	5M	10M	15M	20M
Span	12MHz	13MHz	15MHz	20MHz	25MHz	30MHz
RBW	30kHz	30kHz	100kHz	100kHz	300kHz	300kHz
VBW	100kHz	100kHz	300kHz	300kHz	1000kHz	1000kHz
Detector	RMS	RMS	RMS	RMS	RMS	RMS
Trace	Max	Max	Max	Max	Max	Max
Sweep Count	Auto	Auto	Auto	Auto	Auto	Auto

7.1.4 MEASUREMENT RESULT
Note: Test chart See Appendix B

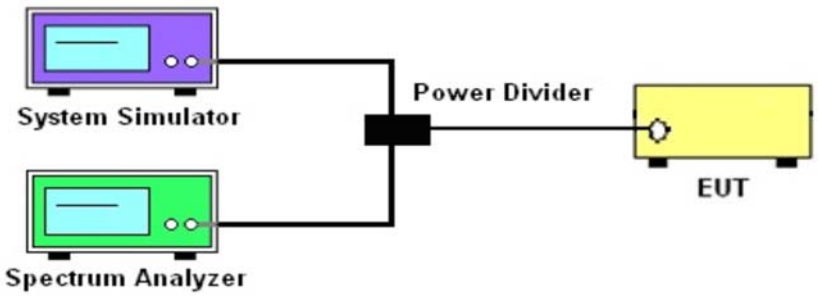
8. CONDUCTED SPURIOUS EMISSION

8.1 DESCRIPTION OF CONDUCTED SPURIOUS EMISSION MEASUREMENT

8.1.1 MEASUREMENT METHOD

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.
For Band 7:
The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.
It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

8.1.2 TEST SETUP



8.1.3 TEST PROCEDURES

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0 and ANSI C63.26 2015 Section 5.7.

2. The EUT was connected to spectrum analyzer and system simulator via a power divider.

3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement
4. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
5. The RF fundamental frequency should be excluded against the limit line in the operating frquency band.
6.The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
= P(W)- [43 + 10log(P)] (dB) = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
= -13dBm.
For Band 7: P(W)- [43 + 10log(P)] (dB) =-25dBm

	LTE					
LTE BW	1.4M	3M	5M	10M	15M	20M
Span	Auto	Auto	Auto	Auto	Auto	Auto
RBW	1000kHz	1000kHz	1000kHz	1000kHz	1000kHz	1000kHz
VBW	3000kHz	3000kHz	3000kHz	3000kHz	3000kHz	3000kHz
Detector	PK	PK	PK	PK	PK	PK
Trace	Max	Max	Max	Max	Max	Max

8.1.4 TEST RESULTS

Note: Test chart See Appendix C

9. RADIATED SPURIOUS EMISSION

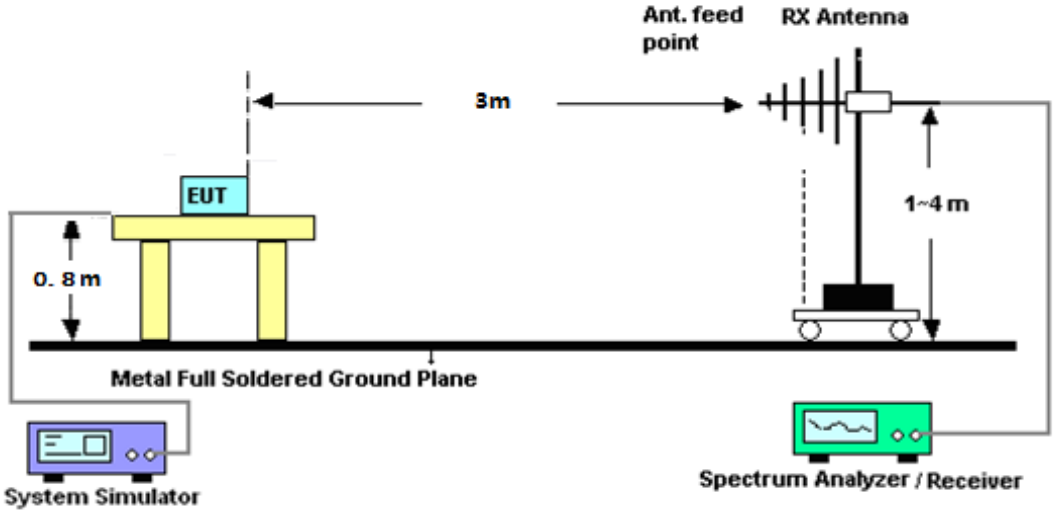
9.1 DESCRIPTION OF RADIATED SPURIOUS EMISSION

9.1.1 MEASUREMENT METHOD

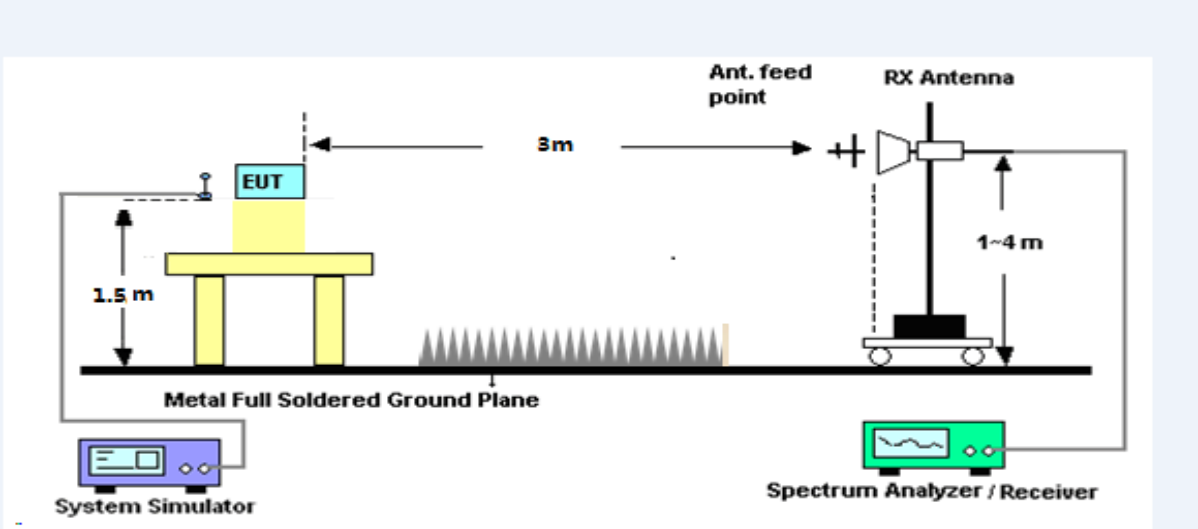
The radiated spurious emission was measured by substitution method according to ANSI C63.26 2015. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.
For Band 7 The power of any emission outside of the authorized operating frequency ranges must attenuated below the transmitter power (P) by a factor of at least 55 + 10 log (P) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

9.1.2 TEST SETUP

The procedure of radiated spurious emissions is as follows:
a) Pre-calibration With pre-calibration method, the Radiated Spurious Emissions(RSE) is calculated as, RSE=Rx (dBuV) +CL (dB) +SA (dB) +Gain (dBi) -107 (dBuV to dBm) The SA is calibrated using following setup.
b) EUT was placed on 1.5 m non-conductive stand at a 3 m test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 m from the test item for emission measurements. The height of receiving antenna is 0.8m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the test item and adjusting the receiving antenna polarization. The radiated emission measurements of all non-harmonic and harmonics of the transmit frequency through the 10th harmonic measured with peak detector and 1MHz bandwidth.
Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of any band into any of the other blocks.
The substitution method is used. Substitution values at each frequency are measured before and saved to the test software. A "reference path loss" is established and the ARpl is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss and the air loss. The measurement results are obtained as described below:
Power=PMea+ARpl
For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



9.1.3 TEST PROCEDURES

1. The testing FCC KDB 971168 D01 Section 7 and ANSI C63.26 2015 Section 5.5.

2. The EUT was placed on a rotatable wooden table with 1.5 meter above ground.

3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.

4. The table was rotated 360 degrees to determine the position of the highest spurious emission.

5. 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

6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.

7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.

8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.

9. Taking the record of output power at antenna port.

10. Repeat step 7 to step 8 for another polarization.

11. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
= P(W)- [43 + 10log(P)] (dB)
= [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
= -13dBm
.
For Band 7:
The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)
= [30 + 10log(P)] (dBm) - [55 + 10log(P)] (dB)
= -25dBm
EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
ERP (dBm) = EIRP - 2.15

9.1.4 TEST RESULTS

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3703.58	-34.51	12.60	12.93	-34.84	-13.00	-21.84	H
5556.95	-34.24	13.10	17.11	-38.25	-13.00	-25.25	H
7409.78	-33.32	11.50	22.20	-44.02	-13.00	-31.02	H
3703.58	-35.74	12.60	12.93	-36.07	-13.00	-23.07	V
5556.95	-34.59	13.10	17.11	-38.60	-13.00	-25.60	V
7409.78	-32.95	11.50	22.20	-43.65	-13.00	-30.65	V
LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3759.85	-34.13	12.60	12.93	-34.46	-13.00	-21.46	H
5639.56	-34.15	13.10	17.11	-38.16	-13.00	-25.16	H
7519.79	-33.54	11.50	22.20	-44.24	-13.00	-31.24	H
3759.85	-35.59	12.60	12.93	-35.92	-13.00	-22.92	V
5639.56	-35.17	13.10	17.11	-39.18	-13.00	-26.18	V
7519.79	-31.84	11.50	22.20	-42.54	-13.00	-29.54	V
LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3818.05	-34.17	12.60	12.93	-34.50	-13.00	-21.50	H
5727.24	-34.49	13.10	17.11	-38.50	-13.00	-25.50	H
7636.85	-33.08	11.50	22.20	-43.78	-13.00	-30.78	H
3818.05	-34.58	12.60	12.93	-34.91	-13.00	-21.91	V
5727.24	-34.28	13.10	17.11	-38.29	-13.00	-25.29	V
7636.85	-32.97	11.50	22.20	-43.67	-13.00	-30.67	V

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3703.54	-33.94	12.60	12.93	-34.27	-13.00	-21.27	H
5557.11	-34.14	13.10	17.11	-38.15	-13.00	-25.15	H
7409.53	-33.23	11.50	22.20	-43.93	-13.00	-30.93	H
3703.54	-35.17	12.60	12.93	-35.50	-13.00	-22.50	V
5557.11	-33.80	13.10	17.11	-37.81	-13.00	-24.81	V
7409.53	-32.09	11.50	22.20	-42.79	-13.00	-29.79	V
LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3759.92	-34.10	12.60	12.93	-34.43	-13.00	-21.43	H
5639.68	-35.01	13.10	17.11	-39.02	-13.00	-26.02	H
7519.90	-33.37	11.50	22.20	-44.07	-13.00	-31.07	H
3759.92	-35.80	12.60	12.93	-36.13	-13.00	-23.13	V
5639.68	-34.83	13.10	17.11	-38.84	-13.00	-25.84	V
7519.90	-31.97	11.50	22.20	-42.67	-13.00	-29.67	V
LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3818.12	-34.72	12.60	12.93	-35.05	-13.00	-22.05	H
5727.57	-34.04	13.10	17.11	-38.05	-13.00	-25.05	H
7636.78	-32.35	11.50	22.20	-43.05	-13.00	-30.05	H
3818.12	-34.85	12.60	12.93	-35.18	-13.00	-22.18	V
5727.57	-34.39	13.10	17.11	-38.40	-13.00	-25.40	V
7636.78	-31.82	11.50	22.20	-42.52	-13.00	-29.52	V

LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3704.84	-34.07	12.60	12.93	-34.40	-13.00	-21.40	H
5557.96	-35.12	13.10	17.11	-39.13	-13.00	-26.13	H
7410.21	-33.61	11.50	22.20	-44.31	-13.00	-31.31	H
3704.84	-34.57	12.60	12.93	-34.90	-13.00	-21.90	V
5557.96	-33.78	13.10	17.11	-37.79	-13.00	-24.79	V
7410.21	-32.05	11.50	22.20	-42.75	-13.00	-29.75	V
LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3759.53	-34.81	12.60	12.93	-35.14	-13.00	-22.14	H
5639.74	-35.12	13.10	17.11	-39.13	-13.00	-26.13	H
7520.16	-32.44	11.50	22.20	-43.14	-13.00	-30.14	H
3759.53	-35.55	12.60	12.93	-35.88	-13.00	-22.88	V
5639.74	-34.74	13.10	17.11	-38.75	-13.00	-25.75	V
7520.16	-32.45	11.50	22.20	-43.15	-13.00	-30.15	V
LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3813.86	-34.63	12.60	12.93	-34.96	-13.00	-21.96	H
5721.50	-34.01	13.10	17.11	-38.02	-13.00	-25.02	H
7628.41	-33.61	11.50	22.20	-44.31	-13.00	-31.31	H
3813.86	-34.93	12.60	12.93	-35.26	-13.00	-22.26	V
5721.50	-33.82	13.10	17.11	-37.83	-13.00	-24.83	V
7628.41	-32.55	11.50	22.20	-43.25	-13.00	-30.25	V

LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3710.52	-33.77	12.60	12.93	-34.10	-13.00	-21.10	H
5565.80	-35.11	13.10	17.11	-39.12	-13.00	-26.12	H
7420.68	-33.55	11.50	22.20	-44.25	-13.00	-31.25	H
3710.52	-35.42	12.60	12.93	-35.75	-13.00	-22.75	V
5565.80	-34.43	13.10	17.11	-38.44	-13.00	-25.44	V
7420.68	-33.11	11.50	22.20	-43.81	-13.00	-30.81	V
LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3759.54	-33.75	12.60	12.93	-34.08	-13.00	-21.08	H
5639.63	-34.24	13.10	17.11	-38.25	-13.00	-25.25	H
7519.77	-33.01	11.50	22.20	-43.71	-13.00	-30.71	H
3759.54	-35.65	12.60	12.93	-35.98	-13.00	-22.98	V
5639.63	-34.77	13.10	17.11	-38.78	-13.00	-25.78	V
7519.77	-32.06	11.50	22.20	-42.76	-13.00	-29.76	V
LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3808.98	-34.33	12.60	12.93	-34.66	-13.00	-21.66	H
5713.42	-34.03	13.10	17.11	-38.04	-13.00	-25.04	H
7618.09	-32.48	11.50	22.20	-43.18	-13.00	-30.18	H
3808.98	-34.78	12.60	12.93	-35.11	-13.00	-22.11	V
5713.42	-34.90	13.10	17.11	-38.91	-13.00	-25.91	V
7618.09	-32.33	11.50	22.20	-43.03	-13.00	-30.03	V

LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3715.52	-34.01	12.60	12.93	-34.34	-13.00	-21.34	H
5574.02	-34.73	13.10	17.11	-38.74	-13.00	-25.74	H
7618.31	-33.04	11.50	22.20	-43.74	-13.00	-30.74	H
3715.52	-35.05	12.60	12.93	-35.38	-13.00	-22.38	V
5574.02	-33.95	13.10	17.11	-37.96	-13.00	-24.96	V
7618.31	-32.03	11.50	22.20	-42.73	-13.00	-29.73	V
LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3759.55	-33.72	12.60	12.93	-34.05	-13.00	-21.05	H
5639.86	-34.79	13.10	17.11	-38.80	-13.00	-25.80	H
7520.00	-33.51	11.50	22.20	-44.21	-13.00	-31.21	H
3759.55	-36.01	12.60	12.93	-36.34	-13.00	-23.34	V
5639.86	-34.53	13.10	17.11	-38.54	-13.00	-25.54	V
7520.00	-31.98	11.50	22.20	-42.68	-13.00	-29.68	V
LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3803.39	-34.65	12.60	12.93	-34.98	-13.00	-21.98	H
5705.39	-34.70	13.10	17.11	-38.71	-13.00	-25.71	H
7606.89	-32.57	11.50	22.20	-43.27	-13.00	-30.27	H
3803.39	-35.14	12.60	12.93	-35.47	-13.00	-22.47	V
5705.39	-34.15	13.10	17.11	-38.16	-13.00	-25.16	V
7606.89	-32.60	11.50	22.20	-43.30	-13.00	-30.30	V

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3721.24	-34.33	12.60	12.93	-34.66	-13.00	-21.66	H
5581.19	-34.80	13.10	17.11	-38.81	-13.00	-25.81	H
7441.69	-33.09	11.50	22.20	-43.79	-13.00	-30.79	H
3721.24	-35.65	12.60	12.93	-35.98	-13.00	-22.98	V
5581.19	-34.06	13.10	17.11	-38.07	-13.00	-25.07	V
7441.69	-32.51	11.50	22.20	-43.21	-13.00	-30.21	V
LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3759.75	-33.69	12.60	12.93	-34.02	-13.00	-21.02	H
5639.68	-35.37	13.10	17.11	-39.38	-13.00	-26.38	H
7519.84	-32.23	11.50	22.20	-42.93	-13.00	-29.93	H
3759.75	-34.92	12.60	12.93	-35.25	-13.00	-22.25	V
5639.68	-34.90	13.10	17.11	-38.91	-13.00	-25.91	V
7519.84	-32.94	11.50	22.20	-43.64	-13.00	-30.64	V
LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3798.01	-34.76	12.60	12.93	-35.09	-13.00	-22.09	H
5697.27	-35.13	13.10	17.11	-39.14	-13.00	-26.14	H
7596.76	-32.21	11.50	22.20	-42.91	-13.00	-29.91	H
3798.01	-35.87	12.60	12.93	-36.20	-13.00	-23.20	V
5697.27	-33.80	13.10	17.11	-37.81	-13.00	-24.81	V
7596.76	-32.41	11.50	22.20	-43.11	-13.00	-30.11	V

LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3421.05	-33.72	12.90	12.56	-33.38	-13.00	-20.38	H
5131.91	-34.83	13.10	16.32	-38.05	-13.00	-25.05	H
6842.64	-33.00	12.33	21.13	-41.80	-13.00	-28.80	H
3421.05	-35.84	12.90	12.56	-35.50	-13.00	-22.50	V
5131.91	-34.22	13.10	16.32	-37.44	-13.00	-24.44	V
6842.64	-33.00	12.33	21.13	-41.80	-13.00	-28.80	V
LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3464.84	-33.54	12.90	12.56	-33.20	-13.00	-20.20	H
5196.70	-34.56	13.10	16.32	-37.78	-13.00	-24.78	H
6930.05	-32.47	12.33	21.13	-41.27	-13.00	-28.27	H
3464.84	-34.97	12.90	12.56	-34.63	-13.00	-21.63	V
5196.70	-34.00	13.10	16.32	-37.22	-13.00	-24.22	V
6930.05	-32.70	12.33	21.13	-41.50	-13.00	-28.50	V
LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3508.25	-33.67	12.90	12.56	-33.33	-13.00	-20.33	H
5262.30	-35.05	13.10	16.32	-38.27	-13.00	-25.27	H
7015.41	-32.61	12.33	21.13	-41.41	-13.00	-28.41	H
3508.25	-34.71	12.90	12.56	-34.37	-13.00	-21.37	V
5262.30	-35.00	13.10	16.32	-38.22	-13.00	-25.22	V
7015.41	-32.60	12.33	21.13	-41.40	-13.00	-28.40	V

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3423.77	-34.10	12.90	12.56	-33.76	-13.00	-20.76	H
5136.14	-35.16	13.10	16.32	-38.38	-13.00	-25.38	H
6848.78	-32.90	12.33	21.13	-41.70	-13.00	-28.70	H
3423.77	-34.95	12.90	12.56	-34.61	-13.00	-21.61	V
5136.14	-34.49	13.10	16.32	-37.71	-13.00	-24.71	V
6848.78	-32.47	12.33	21.13	-41.27	-13.00	-28.27	V
LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3464.59	-33.68	12.90	12.56	-33.34	-13.00	-20.34	H
5196.76	-35.15	13.10	16.32	-38.37	-13.00	-25.37	H
6930.05	-33.35	12.33	21.13	-42.15	-13.00	-29.15	H
3464.59	-34.77	12.90	12.56	-34.43	-13.00	-21.43	V
5196.76	-34.92	13.10	16.32	-38.14	-13.00	-25.14	V
6930.05	-32.65	12.33	21.13	-41.45	-13.00	-28.45	V
LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3506.10	-34.94	12.90	12.56	-34.60	-13.00	-21.60	H
5261.58	-34.41	13.10	16.32	-37.63	-13.00	-24.63	H
7012.48	-33.30	12.33	21.13	-42.10	-13.00	-29.10	H
3506.10	-34.94	12.90	12.56	-34.60	-13.00	-21.60	V
5261.58	-34.37	13.10	16.32	-37.59	-13.00	-24.59	V
7012.48	-31.95	12.33	21.13	-40.75	-13.00	-27.75	V

LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
13424.94	-34.86	12.90	12.56	-34.52	-13.00	-21.52	H
5136.83	-35.35	13.10	16.32	-38.57	-13.00	-25.57	H
6849.51	-32.43	12.33	21.13	-41.23	-13.00	-28.23	H
3424.94	-34.97	12.90	12.56	-34.63	-13.00	-21.63	V
5136.83	-33.85	13.10	16.32	-37.07	-13.00	-24.07	V
6849.51	-32.03	12.33	21.13	-40.83	-13.00	-27.83	V
LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3464.61	-34.56	12.90	12.56	-34.22	-13.00	-21.22	H
5196.95	-35.06	13.10	16.32	-38.28	-13.00	-25.28	H
6929.66	-33.22	12.33	21.13	-42.02	-13.00	-29.02	H
3464.61	-35.99	12.90	12.56	-35.65	-13.00	-22.65	V
5196.95	-34.36	13.10	16.32	-37.58	-13.00	-24.58	V
6929.66	-32.65	12.33	21.13	-41.45	-13.00	-28.45	V
LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3505.15	-34.00	12.90	12.56	-33.66	-13.00	-20.66	H
5257.10	-35.28	13.10	16.32	-38.50	-13.00	-25.50	H
7009.89	-32.16	12.33	21.13	-40.96	-13.00	-27.96	H
3505.15	-35.60	12.90	12.56	-35.26	-13.00	-22.26	V
5257.10	-34.83	13.10	16.32	-38.05	-13.00	-25.05	V
7009.89	-32.85	12.33	21.13	-41.65	-13.00	-28.65	V

LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3430.15	-34.45	12.90	12.56	-34.11	-13.00	-21.11	H
5145.14	-35.38	13.10	16.32	-38.60	-13.00	-25.60	H
6860.52	-33.05	12.33	21.13	-41.85	-13.00	-28.85	H
3430.15	-35.86	12.90	12.56	-35.52	-13.00	-22.52	V
5145.14	-34.45	13.10	16.32	-37.67	-13.00	-24.67	V
6860.52	-32.23	12.33	21.13	-41.03	-13.00	-28.03	V
LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3464.58	-34.17	12.90	12.56	-33.83	-13.00	-20.83	H
5196.59	-34.65	13.10	16.32	-37.87	-13.00	-24.87	H
6929.67	-32.31	12.33	21.13	-41.11	-13.00	-28.11	H
3464.58	-34.53	12.90	12.56	-34.19	-13.00	-21.19	V
5196.59	-34.27	13.10	16.32	-37.49	-13.00	-24.49	V
6929.67	-32.49	12.33	21.13	-41.29	-13.00	-28.29	V
LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3500.38	-34.92	12.90	12.56	-34.58	-13.00	-21.58	H
5250.14	-34.57	13.10	16.32	-37.79	-13.00	-24.79	H
7000.16	-32.69	12.33	21.13	-41.49	-13.00	-28.49	H
3500.38	-35.93	12.90	12.56	-35.59	-13.00	-22.59	V
5250.14	-35.22	13.10	16.32	-38.44	-13.00	-25.44	V
7000.16	-31.78	12.33	21.13	-40.58	-13.00	-27.58	V

LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3434.91	-33.65	12.90	12.56	-33.31	-13.00	-20.31	H
5152.22	-35.38	13.10	16.32	-38.60	-13.00	-25.60	H
6870.74	-33.20	12.33	21.13	-42.00	-13.00	-29.00	H
3434.91	-35.39	12.90	12.56	-35.05	-13.00	-22.05	V
5152.22	-33.89	13.10	16.32	-37.11	-13.00	-24.11	V
6870.74	-32.18	12.33	21.13	-40.98	-13.00	-27.98	V
LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3464.84	-34.06	12.90	12.56	-33.72	-13.00	-20.72	H
5196.84	-35.39	13.10	16.32	-38.61	-13.00	-25.61	H
6929.79	-32.43	12.33	21.13	-41.23	-13.00	-28.23	H
3464.84	-34.71	12.90	12.56	-34.37	-13.00	-21.37	V
5196.84	-34.66	13.10	16.32	-37.88	-13.00	-24.88	V
6929.79	-32.92	12.33	21.13	-41.72	-13.00	-28.72	V
LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3495.46	-34.50	12.90	12.56	-34.16	-13.00	-21.16	H
5242.22	-34.63	13.10	16.32	-37.85	-13.00	-24.85	H
6989.89	-32.89	12.33	21.13	-41.69	-13.00	-28.69	H
3495.46	-35.81	12.90	12.56	-35.47	-13.00	-22.47	V
5242.22	-34.25	13.10	16.32	-37.47	-13.00	-24.47	V
6989.89	-32.51	12.33	21.13	-41.31	-13.00	-28.31	V

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3440.00	-33.82	12.90	12.56	-33.48	-13.00	-20.48	H
5159.98	-34.84	13.10	16.32	-38.06	-13.00	-25.06	H
6880.62	-33.35	12.33	21.13	-42.15	-13.00	-29.15	H
3440.00	-34.89	12.90	12.56	-34.55	-13.00	-21.55	V
5159.98	-34.51	13.10	16.32	-37.73	-13.00	-24.73	V
6880.62	-33.05	12.33	21.13	-41.85	-13.00	-28.85	V
LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3465.02	-34.82	12.90	12.56	-34.48	-13.00	-21.48	H
5196.56	-34.02	13.10	16.32	-37.24	-13.00	-24.24	H
6929.96	-33.30	12.33	21.13	-42.10	-13.00	-29.10	H
3465.02	-35.21	12.90	12.56	-34.87	-13.00	-21.87	V
5196.56	-34.32	13.10	16.32	-37.54	-13.00	-24.54	V
6929.96	-32.79	12.33	21.13	-41.59	-13.00	-28.59	V
LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3490.23	-34.15	12.90	12.56	-33.81	-13.00	-20.81	H
5235.06	-34.65	13.10	16.32	-37.87	-13.00	-24.87	H
6979.36	-32.27	12.33	21.13	-41.07	-13.00	-28.07	H
3490.23	-34.64	12.90	12.56	-34.30	-13.00	-21.30	V
5235.06	-34.63	13.10	16.32	-37.85	-13.00	-24.85	V
6979.36	-32.12	12.33	21.13	-40.92	-13.00	-27.92	V

LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1648.48	-33.81	9.56	9.72	-33.97	-13.00	-20.97	H
2473.51	-35.25	10.50	10.86	-35.61	-13.00	-22.61	H
3298.71	-33.64	12.78	11.57	-32.43	-13.00	-19.43	H
1648.48	-34.95	9.56	9.72	-35.11	-13.00	-22.11	V
2473.51	-35.05	10.50	10.86	-35.41	-13.00	-22.41	V
3298.71	-32.98	12.78	11.57	-31.77	-13.00	-18.77	V
LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1672.88	-34.66	9.56	9.72	-34.82	-13.00	-21.82	H
2509.13	-34.63	10.50	10.86	-34.99	-13.00	-21.99	H
3345.37	-33.52	12.78	11.57	-32.31	-13.00	-19.31	H
1672.88	-34.88	9.56	9.72	-35.04	-13.00	-22.04	V
2509.13	-34.59	10.50	10.86	-34.95	-13.00	-21.95	V
3345.37	-33.00	12.78	11.57	-31.79	-13.00	-18.79	V
LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1696.03	-34.82	9.56	9.72	-34.98	-13.00	-21.98	H
2544.59	-35.12	10.50	10.86	-35.48	-13.00	-22.48	H
3393.03	-33.05	12.78	11.57	-31.84	-13.00	-18.84	H
1696.03	-35.38	9.56	9.72	-35.54	-13.00	-22.54	V
2544.59	-33.88	10.50	10.86	-34.24	-13.00	-21.24	V
3393.03	-32.48	12.78	11.57	-31.27	-13.00	-18.27	V

LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1650.33	-34.30	9.56	9.72	-34.46	-13.00	-21.46	H
2475.84	-34.78	10.50	10.86	-35.14	-13.00	-22.14	H
3301.39	-32.89	12.78	11.57	-31.68	-13.00	-18.68	H
1650.33	-35.79	9.56	9.72	-35.95	-13.00	-22.95	V
2475.84	-34.02	10.50	10.86	-34.38	-13.00	-21.38	V
3301.39	-32.83	12.78	11.57	-31.62	-13.00	-18.62	V
LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1672.16	-34.41	9.56	9.72	-34.57	-13.00	-21.57	H
2508.70	-34.17	10.50	10.86	-34.53	-13.00	-21.53	H
3345.72	-32.29	12.78	11.57	-31.08	-13.00	-18.08	H
1672.16	-35.18	9.56	9.72	-35.34	-13.00	-22.34	V
2508.70	-33.91	10.50	10.86	-34.27	-13.00	-21.27	V
3345.72	-33.16	12.78	11.57	-31.95	-13.00	-18.95	V
LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1694.43	-34.78	9.56	9.72	-34.94	-13.00	-21.94	H
2541.82	-34.45	10.50	10.86	-34.81	-13.00	-21.81	H
3389.15	-33.53	12.78	11.57	-32.32	-13.00	-19.32	H
1694.43	-35.97	9.56	9.72	-36.13	-13.00	-23.13	V
2541.82	-33.87	10.50	10.86	-34.23	-13.00	-21.23	V
3389.15	-33.16	12.78	11.57	-31.95	-13.00	-18.95	V

LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1652.35	-34.81	9.56	9.72	-34.97	-13.00	-21.97	H
2478.57	-34.52	10.50	10.86	-34.88	-13.00	-21.88	H
3305.42	-33.40	12.78	11.57	-32.19	-13.00	-19.19	H
1652.35	-34.65	9.56	9.72	-34.81	-13.00	-21.81	V
2478.57	-34.13	10.50	10.86	-34.49	-13.00	-21.49	V
3305.42	-32.78	12.78	11.57	-31.57	-13.00	-18.57	V
LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1672.25	-34.11	9.56	9.72	-34.27	-13.00	-21.27	H
2508.73	-34.87	10.50	10.86	-35.23	-13.00	-22.23	H
3345.46	-33.26	12.78	11.57	-32.05	-13.00	-19.05	H
1672.25	-35.19	9.56	9.72	-35.35	-13.00	-22.35	V
2508.73	-34.09	10.50	10.86	-34.45	-13.00	-21.45	V
3345.46	-32.23	12.78	11.57	-31.02	-13.00	-18.02	V
LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1692.37	-34.19	9.56	9.72	-34.35	-13.00	-21.35	H
2538.86	-34.56	10.50	10.86	-34.92	-13.00	-21.92	H
3385.85	-32.88	12.78	11.57	-31.67	-13.00	-18.67	H
1692.37	-34.84	9.56	9.72	-35.00	-13.00	-22.00	V
2538.86	-35.18	10.50	10.86	-35.54	-13.00	-22.54	V
3385.85	-32.08	12.78	11.57	-30.87	-13.00	-17.87	V

LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1657.49	-34.74	9.56	9.72	-34.90	-13.00	-21.90	H
2486.09	-34.06	10.50	10.86	-34.42	-13.00	-21.42	H
3315.06	-33.41	12.78	11.57	-32.20	-13.00	-19.20	H
1657.49	-35.00	9.56	9.72	-35.16	-13.00	-22.16	V
2486.09	-33.99	10.50	10.86	-34.35	-13.00	-21.35	V
3315.06	-31.78	12.78	11.57	-30.57	-13.00	-17.57	V
LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1672.56	-33.75	9.56	9.72	-33.91	-13.00	-20.91	H
2508.93	-34.76	10.50	10.86	-35.12	-13.00	-22.12	H
3345.38	-32.94	12.78	11.57	-31.73	-13.00	-18.73	H
1672.56	-34.82	9.56	9.72	-34.98	-13.00	-21.98	V
2508.93	-35.12	10.50	10.86	-35.48	-13.00	-22.48	V
3345.38	-32.59	12.78	11.57	-31.38	-13.00	-18.38	V
LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1687.27	-33.91	9.56	9.72	-34.07	-13.00	-21.07	H
2531.22	-34.99	10.50	10.86	-35.35	-13.00	-22.35	H
3375.86	-33.31	12.78	11.57	-32.10	-13.00	-19.10	H
1687.27	-35.10	9.56	9.72	-35.26	-13.00	-22.26	V
2531.22	-34.93	10.50	10.86	-35.29	-13.00	-22.29	V
3375.86	-32.45	12.78	11.57	-31.24	-13.00	-18.24	V

LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5005.39	-34.38	12.66	15.86	-37.58	-25.00	-12.58	H
7507.92	-34.95	11.46	19.28	-42.77	-25.00	-17.77	H
10010.59	-32.84	12.79	23.19	-43.24	-25.00	-18.24	H
5005.39	-35.43	12.66	15.86	-38.63	-25.00	-13.63	V
7507.92	-35.00	11.46	19.28	-42.82	-25.00	-17.82	V
10010.59	-32.50	12.79	23.19	-42.90	-25.00	-17.90	V
LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5070.09	-34.39	12.72	15.86	-37.53	-25.00	-12.53	H
7605.16	-35.25	11.46	19.28	-43.07	-25.00	-18.07	H
10140.05	-33.06	12.09	23.19	-44.16	-25.00	-19.16	H
5070.09	-35.41	12.72	15.86	-38.55	-25.00	-13.55	V
7605.16	-34.44	11.46	19.28	-42.26	-25.00	-17.26	V
10140.05	-33.01	12.09	23.19	-44.11	-25.00	-19.11	V
LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5133.99	-33.71	12.76	15.86	-36.81	-25.00	-11.81	H
7701.59	-34.01	11.45	19.28	-41.84	-25.00	-16.84	H
10268.52	-33.50	12.28	23.19	-44.41	-25.00	-19.41	H
5133.99	-34.58	12.76	15.86	-37.68	-25.00	-12.68	V
7701.59	-34.29	11.45	19.28	-42.12	-25.00	-17.12	V
10268.52	-33.01	12.28	23.19	-43.92	-25.00	-18.92	V

LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5010.50	-34.87	12.66	15.86	-38.07	-25.00	-13.07	H
7515.76	-34.42	11.46	19.28	-42.24	-25.00	-17.24	H
10020.77	-32.42	12.79	23.19	-42.82	-25.00	-17.82	H
5010.50	-35.13	12.66	15.86	-38.33	-25.00	-13.33	V
7515.76	-34.55	11.46	19.28	-42.37	-25.00	-17.37	V
10020.77	-33.03	12.79	23.19	-43.43	-25.00	-18.43	V
LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5070.01	-34.30	12.72	15.86	-37.44	-25.00	-12.44	H
7605.17	-35.38	11.46	19.28	-43.20	-25.00	-18.20	H
10139.94	-32.39	12.09	23.19	-43.49	-25.00	-18.49	H
5070.01	-35.31	12.72	15.86	-38.45	-25.00	-13.45	V
7605.17	-34.20	11.46	19.28	-42.02	-25.00	-17.02	V
10139.94	-32.24	12.09	23.19	-43.34	-25.00	-18.34	V
LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5129.38	-34.10	12.76	15.86	-37.20	-25.00	-12.20	H
7694.12	-34.07	11.45	19.28	-41.90	-25.00	-16.90	H
10259.00	-32.96	12.28	23.19	-43.87	-25.00	-18.87	H
5129.38	-36.00	12.76	15.86	-39.10	-25.00	-14.10	V
7694.12	-33.86	11.45	19.28	-41.69	-25.00	-16.69	V
10259.00	-32.35	12.28	23.19	-43.26	-25.00	-18.26	V

LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5015.91	-34.04	12.66	15.86	-37.24	-25.00	-12.24	H
7524.25	-35.40	11.46	19.28	-43.22	-25.00	-18.22	H
10031.98	-32.31	12.79	23.19	-42.71	-25.00	-17.71	H
5015.91	-35.53	12.66	15.86	-38.73	-25.00	-13.73	V
7524.25	-33.77	11.46	19.28	-41.59	-25.00	-16.59	V
10031.98	-32.27	12.79	23.19	-42.67	-25.00	-17.67	V
LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5069.93	-33.91	12.72	15.86	-37.05	-25.00	-12.05	H
7605.00	-34.37	11.46	19.28	-42.19	-25.00	-17.19	H
10140.25	-32.70	12.09	23.19	-43.80	-25.00	-18.80	H
5069.93	-35.25	12.72	15.86	-38.39	-25.00	-13.39	V
7605.00	-34.11	11.46	19.28	-41.93	-25.00	-16.93	V
10140.25	-32.61	12.09	23.19	-43.71	-25.00	-18.71	V
LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5123.55	-34.44	12.76	15.86	-37.54	-25.00	-12.54	H
7524.08	-34.30	11.45	19.28	-42.13	-25.00	-17.13	H
10032.32	-33.44	12.28	23.19	-44.35	-25.00	-19.35	H
5123.55	-35.14	12.76	15.86	-38.24	-25.00	-13.24	V
7524.08	-34.78	11.45	19.28	-42.61	-25.00	-17.61	V
10032.32	-31.82	12.28	23.19	-42.73	-25.00	-17.73	V

LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5021.29	-33.94	12.66	15.86	-37.14	-25.00	-12.14	H
7531.31	-35.24	11.46	19.28	-43.06	-25.00	-18.06	H
7523.92	-33.11	12.79	23.19	-43.51	-25.00	-18.51	H
5021.29	-35.94	12.66	15.86	-39.14	-25.00	-14.14	V
7531.31	-34.12	11.46	19.28	-41.94	-25.00	-16.94	V
7523.92	-33.05	12.79	23.19	-43.45	-25.00	-18.45	V
LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5070.19	-34.14	12.72	15.86	-37.28	-25.00	-12.28	H
7604.91	-33.99	11.46	19.28	-41.81	-25.00	-16.81	H
10139.88	-33.35	12.09	23.19	-44.45	-25.00	-19.45	H
5070.19	-34.83	12.72	15.86	-37.97	-25.00	-12.97	V
7604.91	-34.55	11.46	19.28	-42.37	-25.00	-17.37	V
10139.88	-32.47	12.09	23.19	-43.57	-25.00	-18.57	V
LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5119.06	-33.75	12.76	15.86	-36.85	-25.00	-11.85	H
7678.47	-34.63	11.45	19.28	-42.46	-25.00	-17.46	H
10238.05	-32.44	12.28	23.19	-43.35	-25.00	-18.35	H
5119.06	-34.54	12.76	15.86	-37.64	-25.00	-12.64	V
7678.47	-34.95	11.45	19.28	-42.78	-25.00	-17.78	V
10238.05	-32.20	12.28	23.19	-43.11	-25.00	-18.11	V

LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1399.38	-34.25	8.17	9.34	-35.42	-13.00	-22.42	H
2098.88	-34.64	9.53	10.42	-35.53	-13.00	-22.53	H
2798.71	-32.96	11.27	11.12	-32.81	-13.00	-19.81	H
1399.38	-34.79	8.17	9.34	-35.96	-13.00	-22.96	V
2098.88	-35.07	9.53	10.42	-35.96	-13.00	-22.96	V
2798.71	-32.51	11.27	11.12	-32.36	-13.00	-19.36	V
LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1414.68	-34.12	8.17	9.34	-35.29	-13.00	-22.29	H
2122.40	-34.79	9.53	10.42	-35.68	-13.00	-22.68	H
2829.78	-33.18	11.27	11.12	-33.03	-13.00	-20.03	H
1414.68	-35.61	8.17	9.34	-36.78	-13.00	-23.78	V
2122.40	-34.01	9.53	10.42	-34.90	-13.00	-21.90	V
2829.78	-32.92	11.27	11.12	-32.77	-13.00	-19.77	V
LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1430.25	-33.64	8.17	9.34	-34.81	-13.00	-21.81	H
2145.71	-34.76	9.53	10.42	-35.65	-13.00	-22.65	H
2861.08	-33.58	11.27	11.12	-33.43	-13.00	-20.43	H
1430.25	-34.64	8.17	9.34	-35.81	-13.00	-22.81	V
2145.71	-35.17	9.53	10.42	-36.06	-13.00	-23.06	V
2861.08	-32.74	11.27	11.12	-32.59	-13.00	-19.59	V

LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1400.52	-34.76	8.17	9.34	-35.93	-13.00	-22.93	H
2101.27	-35.49	9.53	10.42	-36.38	-13.00	-23.38	H
2801.55	-32.56	11.27	11.12	-32.41	-13.00	-19.41	H
1400.52	-34.59	8.17	9.34	-35.76	-13.00	-22.76	V
2101.27	-35.19	9.53	10.42	-36.08	-13.00	-23.08	V
2801.55	-31.99	11.27	11.12	-31.84	-13.00	-18.84	V
LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1414.80	-34.60	8.17	9.34	-35.77	-13.00	-22.77	H
2122.24	-34.38	9.53	10.42	-35.27	-13.00	-22.27	H
2829.77	-32.53	11.27	11.12	-32.38	-13.00	-19.38	H
1414.80	-34.73	8.17	9.34	-35.90	-13.00	-22.90	V
2122.24	-34.89	9.53	10.42	-35.78	-13.00	-22.78	V
2829.77	-32.12	11.27	11.12	-31.97	-13.00	-18.97	V
LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1428.58	-34.13	8.17	9.34	-35.30	-13.00	-22.30	H
2143.37	-35.30	9.53	10.42	-36.19	-13.00	-23.19	H
2857.69	-32.43	11.27	11.12	-32.28	-13.00	-19.28	H
1428.58	-34.85	8.17	9.34	-36.02	-13.00	-23.02	V
2143.37	-35.16	9.53	10.42	-36.05	-13.00	-23.05	V
2857.69	-32.89	11.27	11.12	-32.74	-13.00	-19.74	V

LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1402.95	-34.16	8.17	9.34	-35.33	-13.00	-22.33	H
2104.25	-35.06	9.53	10.42	-35.95	-13.00	-22.95	H
2805.66	-33.51	11.27	11.12	-33.36	-13.00	-20.36	H
1402.95	-35.53	8.17	9.34	-36.70	-13.00	-23.70	V
2104.25	-34.48	9.53	10.42	-35.37	-13.00	-22.37	V
2805.66	-32.61	11.27	11.12	-32.46	-13.00	-19.46	V
LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1414.98	-34.38	8.17	9.34	-35.55	-13.00	-22.55	H
2122.03	-35.33	9.53	10.42	-36.22	-13.00	-23.22	H
2829.64	-33.63	11.27	11.12	-33.48	-13.00	-20.48	H
1414.98	-36.00	8.17	9.34	-37.17	-13.00	-24.17	V
2122.03	-34.40	9.53	10.42	-35.29	-13.00	-22.29	V
2829.64	-32.84	11.27	11.12	-32.69	-13.00	-19.69	V
LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1426.50	-33.56	8.17	9.34	-34.73	-13.00	-21.73	H
2140.14	-34.56	9.53	10.42	-35.45	-13.00	-22.45	H
2853.80	-32.83	11.27	11.12	-32.68	-13.00	-19.68	H
1426.50	-35.69	8.17	9.34	-36.86	-13.00	-23.86	V
2140.14	-33.92	9.53	10.42	-34.81	-13.00	-21.81	V
2853.80	-32.42	11.27	11.12	-32.27	-13.00	-19.27	V

LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1407.85	-33.54	8.17	9.34	-34.71	-13.00	-21.71	H
2111.90	-34.73	9.53	10.42	-35.62	-13.00	-22.62	H
2815.97	-33.39	11.27	11.12	-33.24	-13.00	-20.24	H
1407.85	-34.54	8.17	9.34	-35.71	-13.00	-22.71	V
2111.90	-35.17	9.53	10.42	-36.06	-13.00	-23.06	V
2815.97	-31.81	11.27	11.12	-31.66	-13.00	-18.66	V
LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1414.51	-34.32	8.17	9.34	-35.49	-13.00	-22.49	H
2122.39	-34.81	9.53	10.42	-35.70	-13.00	-22.70	H
2829.61	-32.59	11.27	11.12	-32.44	-13.00	-19.44	H
1414.51	-35.98	8.17	9.34	-37.15	-13.00	-24.15	V
2122.39	-34.25	9.53	10.42	-35.14	-13.00	-22.14	V
2829.61	-32.19	11.27	11.12	-32.04	-13.00	-19.04	V
LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1421.66	-33.64	8.17	9.34	-34.81	-13.00	-21.81	H
2132.58	-34.25	9.53	10.42	-35.14	-13.00	-22.14	H
2843.97	-32.18	11.27	11.12	-32.03	-13.00	-19.03	H
1421.66	-35.28	8.17	9.34	-36.45	-13.00	-23.45	V
2132.58	-33.86	9.53	10.42	-34.75	-13.00	-21.75	V
2843.97	-32.85	11.27	11.12	-32.70	-13.00	-19.70	V

LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1558.87	-34.08	9.56	9.72	-34.24	-13.00	-21.24	H
2338.29	-34.79	10.50	10.86	-35.15	-13.00	-22.15	H
3118.31	-32.42	12.78	11.57	-31.21	-13.00	-18.21	H
1558.87	-34.67	9.56	9.72	-34.83	-13.00	-21.83	V
2338.29	-35.11	10.50	10.86	-35.47	-13.00	-22.47	V
3118.31	-33.13	12.78	11.57	-31.92	-13.00	-18.92	V
LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1564.30	-34.26	9.56	9.72	-34.42	-13.00	-21.42	H
2345.98	-35.28	10.50	10.86	-35.64	-13.00	-22.64	H
3127.86	-33.29	12.78	11.57	-32.08	-13.00	-19.08	H
1564.30	-35.82	9.56	9.72	-35.98	-13.00	-22.98	V
2345.98	-34.84	10.50	10.86	-35.20	-13.00	-22.20	V
3127.86	-32.11	12.78	11.57	-30.90	-13.00	-17.90	V
LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1568.90	-34.81	9.56	9.72	-34.97	-13.00	-21.97	H
2353.50	-34.95	10.50	10.86	-35.31	-13.00	-22.31	H
3138.24	-32.83	12.78	11.57	-31.62	-13.00	-18.62	H
1568.90	-35.35	9.56	9.72	-35.51	-13.00	-22.51	V
2353.50	-34.81	10.50	10.86	-35.17	-13.00	-22.17	V
3138.24	-31.78	12.78	11.57	-30.57	-13.00	-17.57	V

LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1563.71	-34.90	9.56	9.72	-35.06	-13.00	-22.06	H
2345.81	-34.10	10.50	10.86	-34.46	-13.00	-21.46	H
3127.69	-32.53	12.78	11.57	-31.32	-13.00	-18.32	H
1563.71	-34.94	9.56	9.72	-35.10	-13.00	-22.10	V
2345.81	-34.87	10.50	10.86	-35.23	-13.00	-22.23	V
3127.69	-32.18	12.78	11.57	-30.97	-13.00	-17.97	V

LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1413.04	-33.46	8.17	9.34	-34.63	-13.00	-21.63	H
2120.63	-34.85	9.53	10.42	-35.74	-13.00	-22.74	H
2826.51	-33.13	11.27	11.12	-32.98	-13.00	-19.98	H
1413.04	-34.72	8.17	9.34	-35.89	-13.00	-22.89	V
2120.63	-33.94	9.53	10.42	-34.83	-13.00	-21.83	V
2826.51	-32.61	11.27	11.12	-32.46	-13.00	-19.46	V
LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1420.02	-34.42	8.17	9.34	-35.59	-13.00	-22.59	H
2129.90	-34.64	9.53	10.42	-35.53	-13.00	-22.53	H
2840.23	-32.53	11.27	11.12	-32.38	-13.00	-19.38	H
1420.02	-35.51	8.17	9.34	-36.68	-13.00	-23.68	V
2129.90	-33.80	9.53	10.42	-34.69	-13.00	-21.69	V
2840.23	-33.07	11.27	11.12	-32.92	-13.00	-19.92	V
LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1425.95	-34.91	8.17	9.34	-36.08	-13.00	-23.08	H
2139.48	-34.19	9.53	10.42	-35.08	-13.00	-22.08	H
2852.34	-32.52	11.27	11.12	-32.37	-13.00	-19.37	H
1425.95	-35.70	8.17	9.34	-36.87	-13.00	-23.87	V
2139.48	-34.31	9.53	10.42	-35.20	-13.00	-22.20	V
2852.34	-31.79	11.27	11.12	-31.64	-13.00	-18.64	V

LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1418.17	-34.59	8.17	9.34	-35.76	-13.00	-22.76	H
2127.56	-34.54	9.53	10.42	-35.43	-13.00	-22.43	H
2836.50	-32.95	11.27	11.12	-32.80	-13.00	-19.80	H
1418.17	-35.14	8.17	9.34	-36.31	-13.00	-23.31	V
2127.56	-34.52	9.53	10.42	-35.41	-13.00	-22.41	V
2836.50	-32.28	11.27	11.12	-32.13	-13.00	-19.13	V
LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1419.82	-34.28	8.17	9.34	-35.45	-13.00	-22.45	H
2130.27	-34.03	9.53	10.42	-34.92	-13.00	-21.92	H
2840.27	-32.64	11.27	11.12	-32.49	-13.00	-19.49	H
1419.82	-36.02	8.17	9.34	-37.19	-13.00	-24.19	V
2130.27	-35.18	9.53	10.42	-36.07	-13.00	-23.07	V
2840.27	-31.72	11.27	11.12	-31.57	-13.00	-18.57	V
LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1421.41	-33.92	8.17	9.34	-35.09	-13.00	-22.09	H
2131.69	-34.91	9.53	10.42	-35.80	-13.00	-22.80	H
2842.56	-33.09	11.27	11.12	-32.94	-13.00	-19.94	H
1421.41	-35.05	8.17	9.34	-36.22	-13.00	-23.22	V
2131.69	-35.13	9.53	10.42	-36.02	-13.00	-23.02	V
2842.56	-33.16	11.27	11.12	-33.01	-13.00	-20.01	V

LTE Band 25 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3701.34	-33.65	12.60	12.93	-33.98	-13.00	-20.98	H
5551.92	-34.90	13.10	17.11	-38.91	-13.00	-25.91	H
7402.45	-33.12	11.50	22.20	-43.82	-13.00	-30.82	H
3701.34	-35.54	12.60	12.93	-35.87	-13.00	-22.87	V
5551.92	-33.81	13.10	17.11	-37.82	-13.00	-24.82	V
7402.45	-32.01	11.50	22.20	-42.71	-13.00	-29.71	V
LTE Band 25 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3765.23	-34.54	12.60	12.93	-34.87	-13.00	-21.87	H
5646.95	-34.02	13.10	17.11	-38.03	-13.00	-25.03	H
7530.20	-32.55	11.50	22.20	-43.25	-13.00	-30.25	H
3765.23	-35.99	12.60	12.93	-36.32	-13.00	-23.32	V
5646.95	-34.76	13.10	17.11	-38.77	-13.00	-25.77	V
7530.20	-33.06	11.50	22.20	-43.76	-13.00	-30.76	V
LTE Band 25 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3828.37	-34.19	12.60	12.93	-34.52	-13.00	-21.52	H
5727.48	-34.17	13.10	17.11	-38.18	-13.00	-25.18	H
7657.13	-33.16	11.50	22.20	-43.86	-13.00	-30.86	H
3828.37	-35.32	12.60	12.93	-35.65	-13.00	-22.65	V
5727.48	-34.70	13.10	17.11	-38.71	-13.00	-25.71	V
7657.13	-33.10	11.50	22.20	-43.80	-13.00	-30.80	V

LTE Band 25 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3703.04	-34.17	12.60	12.93	-34.50	-13.00	-21.50	H
5554.58	-35.42	13.10	17.11	-39.43	-13.00	-26.43	H
7405.87	-32.52	11.50	22.20	-43.22	-13.00	-30.22	H
3703.04	-34.61	12.60	12.93	-34.94	-13.00	-21.94	V
5554.58	-34.47	13.10	17.11	-38.48	-13.00	-25.48	V
7405.87	-32.79	11.50	22.20	-43.49	-13.00	-30.49	V
LTE Band 25 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3765.25	-33.71	12.60	12.93	-34.04	-13.00	-21.04	H
5647.08	-34.74	13.10	17.11	-38.75	-13.00	-25.75	H
7529.94	-33.30	11.50	22.20	-44.00	-13.00	-31.00	H
3765.25	-34.87	12.60	12.93	-35.20	-13.00	-22.20	V
5647.08	-34.49	13.10	17.11	-38.50	-13.00	-25.50	V
7529.94	-32.13	11.50	22.20	-42.83	-13.00	-29.83	V
LTE Band 25 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3827.16	-33.82	12.60	12.93	-34.15	-13.00	-21.15	H
5740.00	-34.04	13.10	17.11	-38.05	-13.00	-25.05	H
7654.27	-32.39	11.50	22.20	-43.09	-13.00	-30.09	H
3827.16	-34.84	12.60	12.93	-35.17	-13.00	-22.17	V
5740.00	-34.22	13.10	17.11	-38.23	-13.00	-25.23	V
7654.27	-31.71	11.50	22.20	-42.41	-13.00	-29.41	V

LTE Band 25 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3705.16	-34.52	12.60	12.93	-34.85	-13.00	-21.85	H
5557.28	-35.26	13.10	17.11	-39.27	-13.00	-26.27	H
7410.24	-32.77	11.50	22.20	-43.47	-13.00	-30.47	H
3705.16	-35.74	12.60	12.93	-36.07	-13.00	-23.07	V
5557.28	-34.66	13.10	17.11	-38.67	-13.00	-25.67	V
7410.24	-33.00	11.50	22.20	-43.70	-13.00	-30.70	V
LTE Band 25 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3764.87	-34.90	12.60	12.93	-35.23	-13.00	-22.23	H
5647.05	-34.18	13.10	17.11	-38.19	-13.00	-25.19	H
7530.03	-33.61	11.50	22.20	-44.31	-13.00	-31.31	H
3764.87	-35.78	12.60	12.93	-36.11	-13.00	-23.11	V
5647.05	-34.23	13.10	17.11	-38.24	-13.00	-25.24	V
7530.03	-32.07	11.50	22.20	-42.77	-13.00	-29.77	V
LTE Band 25 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3825.05	-34.13	12.60	12.93	-34.46	-13.00	-21.46	H
5737.26	-34.74	13.10	17.11	-38.75	-13.00	-25.75	H
7650.79	-33.04	11.50	22.20	-43.74	-13.00	-30.74	H
3825.05	-34.67	12.60	12.93	-35.00	-13.00	-22.00	V
5737.26	-34.38	13.10	17.11	-38.39	-13.00	-25.39	V
7650.79	-33.20	11.50	22.20	-43.90	-13.00	-30.90	V

LTE Band 25 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3710.28	-34.42	12.60	12.93	-34.75	-13.00	-21.75	H
5565.43	-34.83	13.10	17.11	-38.84	-13.00	-25.84	H
7419.80	-32.22	11.50	22.20	-42.92	-13.00	-29.92	H
3710.28	-35.29	12.60	12.93	-35.62	-13.00	-22.62	V
5565.43	-35.11	13.10	17.11	-39.12	-13.00	-26.12	V
7419.80	-32.55	11.50	22.20	-43.25	-13.00	-30.25	V
LTE Band 25 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3765.14	-34.31	12.60	12.93	-34.64	-13.00	-21.64	H
5647.31	-35.41	13.10	17.11	-39.42	-13.00	-26.42	H
7530.25	-32.77	11.50	22.20	-43.47	-13.00	-30.47	H
3765.14	-34.59	12.60	12.93	-34.92	-13.00	-21.92	V
5647.31	-34.95	13.10	17.11	-38.96	-13.00	-25.96	V
7530.25	-32.42	11.50	22.20	-43.12	-13.00	-30.12	V
LTE Band 25 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3819.95	-34.38	12.60	12.93	-34.71	-13.00	-21.71	H
5729.69	-35.30	13.10	17.11	-39.31	-13.00	-26.31	H
7639.87	-32.83	11.50	22.20	-43.53	-13.00	-30.53	H
3819.95	-34.80	12.60	12.93	-35.13	-13.00	-22.13	V
5729.69	-34.98	13.10	17.11	-38.99	-13.00	-25.99	V
7639.87	-32.44	11.50	22.20	-43.14	-13.00	-30.14	V

LTE Band 25 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3714.96	-34.37	12.60	12.93	-34.70	-13.00	-21.70	H
5572.08	-34.48	13.10	17.11	-38.49	-13.00	-25.49	H
7430.65	-32.51	11.50	22.20	-43.21	-13.00	-30.21	H
3714.96	-34.67	12.60	12.93	-35.00	-13.00	-22.00	V
5572.08	-34.68	13.10	17.11	-38.69	-13.00	-25.69	V
7430.65	-32.16	11.50	22.20	-42.86	-13.00	-29.86	V
LTE Band 25 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3765.01	-33.50	12.60	12.93	-33.83	-13.00	-20.83	H
5647.22	-34.94	13.10	17.11	-38.95	-13.00	-25.95	H
7430.23	-33.65	11.50	22.20	-44.35	-13.00	-31.35	H
3765.01	-34.80	12.60	12.93	-35.13	-13.00	-22.13	V
5647.22	-34.23	13.10	17.11	-38.24	-13.00	-25.24	V
7430.23	-32.39	11.50	22.20	-43.09	-13.00	-30.09	V
LTE Band 25 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3815.40	-34.88	12.60	12.93	-35.21	-13.00	-22.21	H
5722.25	-34.96	13.10	17.11	-38.97	-13.00	-25.97	H
7630.17	-32.97	11.50	22.20	-43.67	-13.00	-30.67	H
3815.40	-35.13	12.60	12.93	-35.46	-13.00	-22.46	V
5722.25	-34.31	13.10	17.11	-38.32	-13.00	-25.32	V
7630.17	-31.75	11.50	22.20	-42.45	-13.00	-29.45	V

LTE Band 25 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3720.20	-33.85	12.60	12.93	-34.18	-13.00	-21.18	H
5580.15	-34.01	13.10	17.11	-38.02	-13.00	-25.02	H
7439.76	-32.82	11.50	22.20	-43.52	-13.00	-30.52	H
3720.20	-35.07	12.60	12.93	-35.40	-13.00	-22.40	V
5580.15	-34.74	13.10	17.11	-38.75	-13.00	-25.75	V
7439.76	-32.66	11.50	22.20	-43.36	-13.00	-30.36	V
LTE Band 25 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3764.84	-33.49	12.60	12.93	-33.82	-13.00	-20.82	H
5647.02	-35.44	13.10	17.11	-39.45	-13.00	-26.45	H
7529.93	-32.99	11.50	22.20	-43.69	-13.00	-30.69	H
3764.84	-35.98	12.60	12.93	-36.31	-13.00	-23.31	V
5647.02	-33.99	13.10	17.11	-38.00	-13.00	-25.00	V
7529.93	-32.07	11.50	22.20	-42.77	-13.00	-29.77	V
LTE Band 25 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3810.25	-33.99	12.60	12.93	-34.32	-13.00	-21.32	H
5715.40	-35.28	13.10	17.11	-39.29	-13.00	-26.29	H
7620.22	-33.11	11.50	22.20	-43.81	-13.00	-30.81	H
3810.25	-35.44	12.60	12.93	-35.77	-13.00	-22.77	V
5715.40	-34.62	13.10	17.11	-38.63	-13.00	-25.63	V
7620.22	-32.23	11.50	22.20	-42.93	-13.00	-29.93	V

LTE Band 26(Part 22) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1649.15	-34.60	9.56	9.72	-34.76	-13.00	-21.76	H
2473.43	-34.76	10.50	10.86	-35.12	-13.00	-22.12	H
3298.73	-33.61	12.78	11.57	-32.40	-13.00	-19.40	H
1649.15	-35.71	9.56	9.72	-35.87	-13.00	-22.87	V
2473.43	-33.99	10.50	10.86	-34.35	-13.00	-21.35	V
3298.73	-33.20	12.78	11.57	-31.99	-13.00	-18.99	V
LTE Band 26(Part 22) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1673.05	-33.92	9.56	9.72	-34.08	-13.00	-21.08	H
2509.10	-34.47	10.50	10.86	-34.83	-13.00	-21.83	H
3345.92	-32.55	12.78	11.57	-31.34	-13.00	-18.34	H
1673.05	-35.71	9.56	9.72	-35.87	-13.00	-22.87	V
2509.10	-34.34	10.50	10.86	-34.70	-13.00	-21.70	V
3345.92	-32.62	12.78	11.57	-31.41	-13.00	-18.41	V
LTE Band 26(Part 22) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1696.67	-33.78	9.56	9.72	-33.94	-13.00	-20.94	H
2544.67	-34.56	10.50	10.86	-34.92	-13.00	-21.92	H
3392.93	-33.33	12.78	11.57	-32.12	-13.00	-19.12	H
1696.67	-35.84	9.56	9.72	-36.00	-13.00	-23.00	V
2544.67	-34.34	10.50	10.86	-34.70	-13.00	-21.70	V
3392.93	-32.67	12.78	11.57	-31.46	-13.00	-18.46	V

LTE Band 26(Part 22) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1651.07	-34.81	9.56	9.72	-34.97	-13.00	-21.97	H
2476.51	-35.42	10.50	10.86	-35.78	-13.00	-22.78	H
3301.80	-32.59	12.78	11.57	-31.38	-13.00	-18.38	H
1651.07	-35.54	9.56	9.72	-35.70	-13.00	-22.70	V
2476.51	-34.94	10.50	10.86	-35.30	-13.00	-22.30	V
3301.80	-32.22	12.78	11.57	-31.01	-13.00	-18.01	V
LTE Band 26(Part 22) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1672.97	-34.22	9.56	9.72	-34.38	-13.00	-21.38	H
2509.08	-35.35	10.50	10.86	-35.71	-13.00	-22.71	H
3346.16	-33.08	12.78	11.57	-31.87	-13.00	-18.87	H
1672.97	-34.74	9.56	9.72	-34.90	-13.00	-21.90	V
2509.08	-34.12	10.50	10.86	-34.48	-13.00	-21.48	V
3346.16	-32.94	12.78	11.57	-31.73	-13.00	-18.73	V
LTE Band 26(Part 22) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1695.58	-34.04	9.56	9.72	-34.20	-13.00	-21.20	H
2542.46	-34.96	10.50	10.86	-35.32	-13.00	-22.32	H
3389.90	-32.45	12.78	11.57	-31.24	-13.00	-18.24	H
1695.58	-35.22	9.56	9.72	-35.38	-13.00	-22.38	V
2542.46	-33.87	10.50	10.86	-34.23	-13.00	-21.23	V
3389.90	-32.42	12.78	11.57	-31.21	-13.00	-18.21	V

LTE Band 26(Part 22) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1652.66	-33.54	9.56	9.72	-33.70	-13.00	-20.70	H
2479.51	-35.44	10.50	10.86	-35.80	-13.00	-22.80	H
3306.55	-32.41	12.78	11.57	-31.20	-13.00	-18.20	H
1652.66	-35.47	9.56	9.72	-35.63	-13.00	-22.63	V
2479.51	-34.10	10.50	10.86	-34.46	-13.00	-21.46	V
3306.55	-32.56	12.78	11.57	-31.35	-13.00	-18.35	V
LTE Band 26(Part 22) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1673.12	-33.59	9.56	9.72	-33.75	-13.00	-20.75	H
2508.91	-35.34	10.50	10.86	-35.70	-13.00	-22.70	H
3345.88	-32.82	12.78	11.57	-31.61	-13.00	-18.61	H
1673.12	-34.90	9.56	9.72	-35.06	-13.00	-22.06	V
2508.91	-34.42	10.50	10.86	-34.78	-13.00	-21.78	V
3345.88	-31.71	12.78	11.57	-30.50	-13.00	-17.50	V
LTE Band 26(Part 22) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1693.57	-33.50	9.56	9.72	-33.66	-13.00	-20.66	H
2539.44	-35.41	10.50	10.86	-35.77	-13.00	-22.77	H
3385.95	-33.04	12.78	11.57	-31.83	-13.00	-18.83	H
1693.57	-35.80	9.56	9.72	-35.96	-13.00	-22.96	V
2539.44	-34.10	10.50	10.86	-34.46	-13.00	-21.46	V
3385.95	-32.76	12.78	11.57	-31.55	-13.00	-18.55	V

LTE Band 26(Part 22) / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1657.77	-34.88	9.56	9.72	-35.04	-13.00	-22.04	H
2486.35	-34.46	10.50	10.86	-34.82	-13.00	-21.82	H
3315.80	-32.84	12.78	11.57	-31.63	-13.00	-18.63	H
1657.77	-35.21	9.56	9.72	-35.37	-13.00	-22.37	V
2486.35	-34.04	10.50	10.86	-34.40	-13.00	-21.40	V
3315.80	-32.22	12.78	11.57	-31.01	-13.00	-18.01	V
LTE Band 26(Part 22) / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1673.05	-34.84	9.56	9.72	-35.00	-13.00	-22.00	H
2508.83	-35.08	10.50	10.86	-35.44	-13.00	-22.44	H
3346.25	-32.47	12.78	11.57	-31.26	-13.00	-18.26	H
1673.05	-35.66	9.56	9.72	-35.82	-13.00	-22.82	V
2508.83	-35.05	10.50	10.86	-35.41	-13.00	-22.41	V
3346.25	-32.62	12.78	11.57	-31.41	-13.00	-18.41	V
LTE Band 26(Part 22) / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1688.78	-34.50	9.56	9.72	-34.66	-13.00	-21.66	H
2532.49	-34.55	10.50	10.86	-34.91	-13.00	-21.91	H
3376.31	-33.31	12.78	11.57	-32.10	-13.00	-19.10	H
1688.78	-34.63	9.56	9.72	-34.79	-13.00	-21.79	V
2532.49	-34.94	10.50	10.86	-35.30	-13.00	-22.30	V
3376.31	-32.82	12.78	11.57	-31.61	-13.00	-18.61	V

LTE Band 26(Part 22) / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1663.01	-34.47	9.56	9.72	-34.63	-13.00	-21.63	H
2494.51	-34.93	10.50	10.86	-35.29	-13.00	-22.29	H
3325.89	-33.50	12.78	11.57	-32.29	-13.00	-19.29	H
1663.01	-35.16	9.56	9.72	-35.32	-13.00	-22.32	V
2494.51	-34.46	10.50	10.86	-34.82	-13.00	-21.82	V
3325.89	-32.79	12.78	11.57	-31.58	-13.00	-18.58	V
LTE Band 26(Part 22) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1673.25	-34.68	9.56	9.72	-34.84	-13.00	-21.84	H
2508.85	-34.45	10.50	10.86	-34.81	-13.00	-21.81	H
3345.84	-32.31	12.78	11.57	-31.10	-13.00	-18.10	H
1673.25	-35.04	9.56	9.72	-35.20	-13.00	-22.20	V
2508.85	-34.56	10.50	10.86	-34.92	-13.00	-21.92	V
3345.84	-32.10	12.78	11.57	-30.89	-13.00	-17.89	V
LTE Band 26(Part 22) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1683.63	-33.44	9.56	9.72	-33.60	-13.00	-20.60	H
2524.05	-35.35	10.50	10.86	-35.71	-13.00	-22.71	H
3366.26	-32.93	12.78	11.57	-31.72	-13.00	-18.72	H
1683.63	-35.76	9.56	9.72	-35.92	-13.00	-22.92	V
2524.05	-34.13	10.50	10.86	-34.49	-13.00	-21.49	V
3366.26	-33.11	12.78	11.57	-31.90	-13.00	-18.90	V

LTE Band 26(Part 90) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1629.38	-33.86	9.56	9.72	-34.02	-13.00	-21.02	H
2443.97	-34.70	10.50	10.86	-35.06	-13.00	-22.06	H
3258.65	-33.26	12.78	11.57	-32.05	-13.00	-19.05	H
1629.38	-35.32	9.56	9.72	-35.48	-13.00	-22.48	V
2443.97	-34.60	10.50	10.86	-34.96	-13.00	-21.96	V
3258.65	-32.75	12.78	11.57	-31.54	-13.00	-18.54	V
LTE Band 26(Part 90) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1637.89	-34.71	9.56	9.72	-34.87	-13.00	-21.87	H
2456.81	-34.83	10.50	10.86	-35.19	-13.00	-22.19	H
3276.12	-32.76	12.78	11.57	-31.55	-13.00	-18.55	H
1637.89	-35.72	9.56	9.72	-35.88	-13.00	-22.88	V
2456.81	-33.91	10.50	10.86	-34.27	-13.00	-21.27	V
3276.12	-32.30	12.78	11.57	-31.09	-13.00	-18.09	V
LTE Band 26(Part 90) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
41646.38	-34.09	9.56	9.72	-34.25	-13.00	-21.25	H
2456.78	-34.75	10.50	10.86	-35.11	-13.00	-22.11	H
3257.94	-33.55	12.78	11.57	-32.34	-13.00	-19.34	H
1646.38	-35.42	9.56	9.72	-35.58	-13.00	-22.58	V
2456.78	-34.20	10.50	10.86	-34.56	-13.00	-21.56	V
3257.94	-32.55	12.78	11.57	-31.34	-13.00	-18.34	V

LTE Band 26(Part 90) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1631.15	-33.92	9.56	9.72	-34.08	-13.00	-21.08	H
2446.41	-35.26	10.50	10.86	-35.62	-13.00	-22.62	H
3261.67	-32.37	12.78	11.57	-31.16	-13.00	-18.16	H
1631.15	-34.85	9.56	9.72	-35.01	-13.00	-22.01	V
2446.41	-34.08	10.50	10.86	-34.44	-13.00	-21.44	V
3261.67	-32.62	12.78	11.57	-31.41	-13.00	-18.41	V
LTE Band 26(Part 90) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1637.85	-33.97	9.56	9.72	-34.13	-13.00	-21.13	H
2457.12	-35.28	10.50	10.86	-35.64	-13.00	-22.64	H
3275.80	-33.43	12.78	11.57	-32.22	-13.00	-19.22	H
1637.85	-34.99	9.56	9.72	-35.15	-13.00	-22.15	V
2457.12	-34.41	10.50	10.86	-34.77	-13.00	-21.77	V
3275.80	-32.30	12.78	11.57	-31.09	-13.00	-18.09	V
LTE Band 26(Part 90) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1644.98	-33.94	9.56	9.72	-34.10	-13.00	-21.10	H
2467.24	-34.74	10.50	10.86	-35.10	-13.00	-22.10	H
3276.22	-32.63	12.78	11.57	-31.42	-13.00	-18.42	H
1644.98	-35.53	9.56	9.72	-35.69	-13.00	-22.69	V
2467.24	-33.80	10.50	10.86	-34.16	-13.00	-21.16	V
3276.22	-33.17	12.78	11.57	-31.96	-13.00	-18.96	V

LTE Band 26(Part 90) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1632.89	-34.51	9.56	9.72	-34.67	-13.00	-21.67	H
2449.49	-34.65	10.50	10.86	-35.01	-13.00	-22.01	H
3266.48	-32.85	12.78	11.57	-31.64	-13.00	-18.64	H
1632.89	-36.02	9.56	9.72	-36.18	-13.00	-23.18	V
2449.49	-34.70	10.50	10.86	-35.06	-13.00	-22.06	V
3266.48	-32.82	12.78	11.57	-31.61	-13.00	-18.61	V
LTE Band 26(Part 90) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1638.02	-34.13	9.56	9.72	-34.29	-13.00	-21.29	H
2456.92	-35.40	10.50	10.86	-35.76	-13.00	-22.76	H
3276.15	-32.27	12.78	11.57	-31.06	-13.00	-18.06	H
1638.02	-34.85	9.56	9.72	-35.01	-13.00	-22.01	V
2456.92	-34.04	10.50	10.86	-34.40	-13.00	-21.40	V
3276.15	-31.87	12.78	11.57	-30.66	-13.00	-17.66	V
LTE Band 26(Part 90) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1642.96	-33.62	9.56	9.72	-33.78	-13.00	-20.78	H
2464.33	-34.84	10.50	10.86	-35.20	-13.00	-22.20	H
3286.20	-32.35	12.78	11.57	-31.14	-13.00	-18.14	H
1642.96	-35.40	9.56	9.72	-35.56	-13.00	-22.56	V
2464.33	-34.41	10.50	10.86	-34.77	-13.00	-21.77	V
3286.20	-32.29	12.78	11.57	-31.08	-13.00	-18.08	V

LTE Band 26(Part 90) / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
1637.87	-34.44	9.56	9.72	-34.60	-13.00	-21.60	H
2457.26	-34.20	10.50	10.86	-34.56	-13.00	-21.56	H
3276.07	-33.16	12.78	11.57	-31.95	-13.00	-18.95	H
1637.87	-35.55	9.56	9.72	-35.71	-13.00	-22.71	V
2457.26	-34.34	10.50	10.86	-34.70	-13.00	-21.70	V
3276.07	-32.00	12.78	11.57	-30.79	-13.00	-17.79	V

2305-2315MHz

LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
4615.26	-45.46	12.91	12.95	-45.50	-40.00	-5.50	H
6922.37	-41.76	13.18	17.02	-45.60	-40.00	-5.60	H
9229.77	-35.30	12.45	21.78	-44.63	-40.00	-4.63	H
4615.26	-45.54	12.91	12.95	-45.58	-40.00	-5.58	V
6922.37	-41.50	13.18	17.02	-45.34	-40.00	-5.34	V
9229.77	-35.33	12.45	21.78	-44.66	-40.00	-4.66	V
LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
4620.44	-34.80	12.91	12.95	-34.84	-40.00	5.16	H
6929.91	-34.13	13.18	17.02	-37.97	-40.00	2.03	H
9240.26	-33.23	12.45	21.78	-42.56	-40.00	-2.56	H
4620.44	-35.24	12.91	12.95	-35.28	-40.00	4.72	V
6929.91	-35.21	13.18	17.02	-39.05	-40.00	0.95	V
9240.26	-33.13	12.45	21.78	-42.46	-40.00	-2.46	V
LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
4625.52	-33.80	12.91	12.95	-33.84	-40.00	6.16	H
6937.68	-35.00	13.18	17.02	-38.84	-40.00	1.16	H
9249.75	-33.15	12.45	21.78	-42.48	-40.00	-2.48	H
4625.52	-35.69	12.91	12.95	-35.73	-40.00	4.27	V
6937.68	-35.16	13.18	17.02	-39.00	-40.00	1.00	V
9249.75	-33.15	12.45	21.78	-42.48	-40.00	-2.48	V

LTE Band 40 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
4620.44	-33.74	12.91	12.95	-33.78	-40.00	6.22	H
6930.08	-34.56	13.18	17.02	-38.40	-40.00	1.60	H
9240.12	-32.32	12.45	21.78	-41.65	-40.00	-1.65	H
4620.44	-35.66	12.91	12.95	-35.70	-40.00	4.30	V
6930.08	-34.20	13.18	17.02	-38.04	-40.00	1.96	V
9240.12	-32.10	12.45	21.78	-41.43	-40.00	-1.43	V

2350-2360MHz

LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
4704.94	-45.21	12.91	12.95	-45.25	-40.00	-5.25	H
7057.16	-42.29	13.18	17.02	-46.13	-40.00	-6.13	H
9409.97	-36.49	12.45	21.78	-45.82	-40.00	-5.82	H
4704.94	-45.68	12.91	12.95	-45.72	-40.00	-5.72	V
7057.16	-41.65	13.18	17.02	-45.49	-40.00	-5.49	V
9409.97	-35.56	12.45	21.78	-44.89	-40.00	-4.89	V
LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
4709.90	-45.76	12.91	12.95	-45.80	-40.00	-5.80	H
7064.82	-42.03	13.18	17.02	-45.87	-40.00	-5.87	H
9419.89	-35.64	12.45	21.78	-44.97	-40.00	-4.97	H
4709.90	-45.32	12.91	12.95	-45.36	-40.00	-5.36	V
7064.82	-41.28	13.18	17.02	-45.12	-40.00	-5.12	V
9419.89	-35.88	12.45	21.78	-45.21	-40.00	-5.21	V
LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
4715.14	-45.77	12.91	12.95	-45.81	-40.00	-5.81	H
7071.91	-41.01	13.18	17.02	-44.85	-40.00	-4.85	H
9430.12	-36.40	12.45	21.78	-45.73	-40.00	-5.73	H
4715.14	-45.03	12.91	12.95	-45.07	-40.00	-5.07	V
7071.91	-41.96	13.18	17.02	-45.80	-40.00	-5.80	V
9430.12	-36.70	12.45	21.78	-46.03	-40.00	-6.03	V

LTE Band 40 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
4710.16	-45.82	12.91	12.95	-45.86	-40.00	-5.86	H
7064.86	-41.03	13.18	17.02	-44.87	-40.00	-4.87	H
9419.82	-35.75	12.45	21.78	-45.08	-40.00	-5.08	H
4710.16	-45.67	12.91	12.95	-45.71	-40.00	-5.71	V
7064.86	-40.87	13.18	17.02	-44.71	-40.00	-4.71	V
9419.82	-36.55	12.45	21.78	-45.88	-40.00	-5.88	V

LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5114.98	-34.65	12.66	15.86	-37.85	-25.00	-12.85	H
7672.81	-34.26	11.46	19.28	-42.08	-25.00	-17.08	H
10229.85	-33.27	12.79	23.19	-43.67	-25.00	-18.67	H
4997.18	-35.11	12.66	15.86	-38.31	-25.00	-13.31	V
7495.74	-34.73	11.46	19.28	-42.55	-25.00	-17.55	V
9994.26	-32.93	12.79	23.19	-43.33	-25.00	-18.33	V
LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5210.13	-34.30	12.72	15.86	-37.44	-25.00	-12.44	H
7815.10	-34.93	11.46	19.28	-42.75	-25.00	-17.75	H
10420.25	-32.80	12.09	23.19	-43.90	-25.00	-18.90	H
5210.13	-35.66	12.72	15.86	-38.80	-25.00	-13.80	V
7815.10	-35.06	11.46	19.28	-42.88	-25.00	-17.88	V
10420.25	-32.37	12.09	23.19	-43.47	-25.00	-18.47	V
LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5304.80	-34.71	12.76	15.86	-37.81	-25.00	-12.81	H
7957.67	-34.73	11.45	19.28	-42.56	-25.00	-17.56	H
10610.30	-33.35	12.28	23.19	-44.26	-25.00	-19.26	H
5304.80	-35.40	12.76	15.86	-38.50	-25.00	-13.50	V
7957.67	-33.80	11.45	19.28	-41.63	-25.00	-16.63	V
10610.30	-32.31	12.28	23.19	-43.22	-25.00	-18.22	V

LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5120.08	-33.57	12.66	15.86	-36.77	-25.00	-11.77	H
7680.07	-35.17	11.46	19.28	-42.99	-25.00	-17.99	H
10240.19	-32.98	12.79	23.19	-43.38	-25.00	-18.38	H
5120.08	-34.77	12.66	15.86	-37.97	-25.00	-12.97	V
7680.07	-34.43	11.46	19.28	-42.25	-25.00	-17.25	V
10240.19	-33.01	12.79	23.19	-43.41	-25.00	-18.41	V
LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5210.05	-34.05	12.72	15.86	-37.19	-25.00	-12.19	H
7815.17	-35.42	11.46	19.28	-43.24	-25.00	-18.24	H
10420.05	-32.92	12.09	23.19	-44.02	-25.00	-19.02	H
5210.05	-35.46	12.72	15.86	-38.60	-25.00	-13.60	V
7815.17	-34.74	11.46	19.28	-42.56	-25.00	-17.56	V
10420.05	-32.58	12.09	23.19	-43.68	-25.00	-18.68	V
LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5300.25	-33.71	12.76	15.86	-36.81	-25.00	-11.81	H
7949.91	-34.06	11.45	19.28	-41.89	-25.00	-16.89	H
10599.99	-32.71	12.28	23.19	-43.62	-25.00	-18.62	H
5300.25	-34.74	12.76	15.86	-37.84	-25.00	-12.84	V
7949.91	-34.74	11.45	19.28	-42.57	-25.00	-17.57	V
10599.99	-32.14	12.28	23.19	-43.05	-25.00	-18.05	V

LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5124.87	-33.45	12.66	15.86	-36.65	-25.00	-11.65	H
7687.73	-34.20	11.46	19.28	-42.02	-25.00	-17.02	H
10250.37	-32.74	12.79	23.19	-43.14	-25.00	-18.14	H
5124.87	-35.44	12.66	15.86	-38.64	-25.00	-13.64	V
7687.73	-34.22	11.46	19.28	-42.04	-25.00	-17.04	V
10250.37	-31.84	12.79	23.19	-42.24	-25.00	-17.24	V
LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5210.08	-34.86	12.72	15.86	-38.00	-25.00	-13.00	H
7815.24	-34.84	11.46	19.28	-42.66	-25.00	-17.66	H
10420.06	-33.41	12.09	23.19	-44.51	-25.00	-19.51	H
5210.08	-34.87	12.72	15.86	-38.01	-25.00	-13.01	V
7815.24	-33.81	11.46	19.28	-41.63	-25.00	-16.63	V
10420.06	-31.91	12.09	23.19	-43.01	-25.00	-18.01	V
LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5297.85	-34.24	12.76	15.86	-37.34	-25.00	-12.34	H
7942.32	-34.11	11.45	19.28	-41.94	-25.00	-16.94	H
10589.95	-33.10	12.28	23.19	-44.01	-25.00	-19.01	H
5297.85	-34.71	12.76	15.86	-37.81	-25.00	-12.81	V
7942.32	-33.91	11.45	19.28	-41.74	-25.00	-16.74	V
10589.95	-32.18	12.28	23.19	-43.09	-25.00	-18.09	V

LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5130.15	-33.71	12.66	15.86	-36.91	-25.00	-11.91	H
7694.84	-34.05	11.46	19.28	-41.87	-25.00	-16.87	H
10260.09	-33.33	12.79	23.19	-43.73	-25.00	-18.73	H
5130.15	-35.49	12.66	15.86	-38.69	-25.00	-13.69	V
7694.84	-35.10	11.46	19.28	-42.92	-25.00	-17.92	V
10260.09	-32.95	12.79	23.19	-43.35	-25.00	-18.35	V
LTE Band 41 /20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5209.83	-33.74	12.72	15.86	-36.88	-25.00	-11.88	H
7815.29	-34.61	11.46	19.28	-42.43	-25.00	-17.43	H
10420.00	-32.68	12.09	23.19	-43.78	-25.00	-18.78	H
5209.83	-35.46	12.72	15.86	-38.60	-25.00	-13.60	V
7815.29	-35.06	11.46	19.28	-42.88	-25.00	-17.88	V
10420.00	-31.90	12.09	23.19	-43.00	-25.00	-18.00	V
LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
5290.23	-34.68	12.76	15.86	-37.78	-25.00	-12.78	H
7935.08	-34.84	11.45	19.28	-42.67	-25.00	-17.67	H
10579.88	-32.88	12.28	23.19	-43.79	-25.00	-18.79	H
5290.23	-35.84	12.76	15.86	-38.94	-25.00	-13.94	V
7935.08	-34.70	11.45	19.28	-42.53	-25.00	-17.53	V
10579.88	-32.90	12.28	23.19	-43.81	-25.00	-18.81	V

LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3421.36	-34.44	12.90	12.56	-34.10	-13.00	-21.10	H
5131.95	-34.46	13.10	16.32	-37.68	-13.00	-24.68	H
6842.44	-32.90	12.33	21.13	-41.70	-13.00	-28.70	H
3421.36	-35.23	12.90	12.56	-34.89	-13.00	-21.89	V
5131.95	-33.93	13.10	16.32	-37.15	-13.00	-24.15	V
6842.44	-32.49	12.33	21.13	-41.29	-13.00	-28.29	V
LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3489.84	-34.63	12.90	12.56	-34.29	-13.00	-21.29	H
5234.98	-34.30	13.10	16.32	-37.52	-13.00	-24.52	H
6979.87	-32.32	12.33	21.13	-41.12	-13.00	-28.12	H
3489.84	-35.02	12.90	12.56	-34.68	-13.00	-21.68	V
5234.98	-35.20	13.10	16.32	-38.42	-13.00	-25.42	V
6979.87	-32.72	12.33	21.13	-41.52	-13.00	-28.52	V
LTE Band 66 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3557.96	-34.61	12.90	12.56	-34.27	-13.00	-21.27	H
5336.94	-35.02	13.10	16.32	-38.24	-13.00	-25.24	H
7117.19	-33.25	12.33	21.13	-42.05	-13.00	-29.05	H
3557.96	-34.79	12.90	12.56	-34.45	-13.00	-21.45	V
5336.94	-33.80	13.10	16.32	-37.02	-13.00	-24.02	V
7117.19	-31.81	12.33	21.13	-40.61	-13.00	-27.61	V

LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3423.02	-34.89	12.90	12.56	-34.55	-13.00	-21.55	H
5134.16	-34.59	13.10	16.32	-37.81	-13.00	-24.81	H
6846.16	-33.30	12.33	21.13	-42.10	-13.00	-29.10	H
3423.02	-34.80	12.90	12.56	-34.46	-13.00	-21.46	V
5134.16	-34.34	13.10	16.32	-37.56	-13.00	-24.56	V
6846.16	-32.94	12.33	21.13	-41.74	-13.00	-28.74	V
LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3489.78	-33.92	12.90	12.56	-33.58	-13.00	-20.58	H
5234.95	-34.13	13.10	16.32	-37.35	-13.00	-24.35	H
6980.09	-32.89	12.33	21.13	-41.69	-13.00	-28.69	H
3489.78	-35.60	12.90	12.56	-35.26	-13.00	-22.26	V
5234.95	-34.51	13.10	16.32	-37.73	-13.00	-24.73	V
6980.09	-32.57	12.33	21.13	-41.37	-13.00	-28.37	V
LTE Band 66 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3556.76	-34.10	12.90	12.56	-33.76	-13.00	-20.76	H
5262.24	-34.61	13.10	16.32	-37.83	-13.00	-24.83	H
7113.92	-33.12	12.33	21.13	-41.92	-13.00	-28.92	H
3556.76	-35.39	12.90	12.56	-35.05	-13.00	-22.05	V
5262.24	-34.57	13.10	16.32	-37.79	-13.00	-24.79	V
7113.92	-31.98	12.33	21.13	-40.78	-13.00	-27.78	V

LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3425.11	-34.41	12.90	12.56	-34.07	-13.00	-21.07	H
5137.26	-34.79	13.10	16.32	-38.01	-13.00	-25.01	H
6850.10	-33.57	12.33	21.13	-42.37	-13.00	-29.37	H
3425.11	-35.81	12.90	12.56	-35.47	-13.00	-22.47	V
5137.26	-34.39	13.10	16.32	-37.61	-13.00	-24.61	V
6850.10	-31.98	12.33	21.13	-40.78	-13.00	-27.78	V
LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3489.90	-34.44	12.90	12.56	-34.10	-13.00	-21.10	H
5234.83	-34.68	13.10	16.32	-37.90	-13.00	-24.90	H
6980.07	-32.90	12.33	21.13	-41.70	-13.00	-28.70	H
3489.90	-35.05	12.90	12.56	-34.71	-13.00	-21.71	V
5234.83	-33.78	13.10	16.32	-37.00	-13.00	-24.00	V
6980.07	-32.14	12.33	21.13	-40.94	-13.00	-27.94	V
LTE Band 66 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3557.93	-34.17	12.90	12.56	-33.83	-13.00	-20.83	H
52353.72	-34.33	13.10	16.32	-37.55	-13.00	-24.55	H
7109.98	-32.74	12.33	21.13	-41.54	-13.00	-28.54	H
3557.93	-35.91	12.90	12.56	-35.57	-13.00	-22.57	V
52353.72	-34.92	13.10	16.32	-38.14	-13.00	-25.14	V
7109.98	-32.03	12.33	21.13	-40.83	-13.00	-27.83	V

LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3429.92	-34.89	12.90	12.56	-34.55	-13.00	-21.55	H
5145.11	-34.89	13.10	16.32	-38.11	-13.00	-25.11	H
6880.25	-32.44	12.33	21.13	-41.24	-13.00	-28.24	H
3429.92	-35.95	12.90	12.56	-35.61	-13.00	-22.61	V
5145.11	-35.20	13.10	16.32	-38.42	-13.00	-25.42	V
6880.25	-31.73	12.33	21.13	-40.53	-13.00	-27.53	V
LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3490.08	-33.87	12.90	12.56	-33.53	-13.00	-20.53	H
5235.22	-35.24	13.10	16.32	-38.46	-13.00	-25.46	H
6980.23	-33.43	12.33	21.13	-42.23	-13.00	-29.23	H
3490.08	-34.67	12.90	12.56	-34.33	-13.00	-21.33	V
5235.22	-34.00	13.10	16.32	-37.22	-13.00	-24.22	V
6980.23	-32.22	12.33	21.13	-41.02	-13.00	-28.02	V
LTE Band 66 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3550.68	-33.52	12.90	12.56	-33.18	-13.00	-20.18	H
5235.03	-35.29	13.10	16.32	-38.51	-13.00	-25.51	H
7099.98	-32.82	12.33	21.13	-41.62	-13.00	-28.62	H
3550.68	-35.20	12.90	12.56	-34.86	-13.00	-21.86	V
5235.03	-35.11	13.10	16.32	-38.33	-13.00	-25.33	V
7099.98	-32.92	12.33	21.13	-41.72	-13.00	-28.72	V

LTE Band 66 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3435.11	-34.51	12.90	12.56	-34.17	-13.00	-21.17	H
5152.40	-34.83	13.10	16.32	-38.05	-13.00	-25.05	H
6870.20	-33.63	12.33	21.13	-42.43	-13.00	-29.43	H
3435.11	-35.94	12.90	12.56	-35.60	-13.00	-22.60	V
5152.40	-34.86	13.10	16.32	-38.08	-13.00	-25.08	V
6870.20	-31.94	12.33	21.13	-40.74	-13.00	-27.74	V
LTE Band 66 /15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3490.02	-34.52	12.90	12.56	-34.18	-13.00	-21.18	H
5235.12	-34.98	13.10	16.32	-38.20	-13.00	-25.20	H
6980.10	-33.10	12.33	21.13	-41.90	-13.00	-28.90	H
3490.02	-35.31	12.90	12.56	-34.97	-13.00	-21.97	V
5235.12	-34.93	13.10	16.32	-38.15	-13.00	-25.15	V
6980.10	-32.29	12.33	21.13	-41.09	-13.00	-28.09	V
LTE Band 66 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3545.06	-33.68	12.90	12.56	-33.34	-13.00	-20.34	H
5332.49	-34.25	13.10	16.32	-37.47	-13.00	-24.47	H
7090.01	-32.39	12.33	21.13	-41.19	-13.00	-28.19	H
3545.06	-35.94	12.90	12.56	-35.60	-13.00	-22.60	V
5332.49	-34.34	13.10	16.32	-37.56	-13.00	-24.56	V
7090.01	-31.85	12.33	21.13	-40.65	-13.00	-27.65	V

LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3439.87	-33.79	12.90	12.56	-33.45	-13.00	-20.45	H
5159.80	-35.47	13.10	16.32	-38.69	-13.00	-25.69	H
6879.84	-33.05	12.33	21.13	-41.85	-13.00	-28.85	H
3439.87	-35.97	12.90	12.56	-35.63	-13.00	-22.63	V
5159.80	-34.12	13.10	16.32	-37.34	-13.00	-24.34	V
6879.84	-31.86	12.33	21.13	-40.66	-13.00	-27.66	V
LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3490.06	-34.23	12.90	12.56	-33.89	-13.00	-20.89	H
5235.11	-34.65	13.10	16.32	-37.87	-13.00	-24.87	H
6980.16	-33.29	12.33	21.13	-42.09	-13.00	-29.09	H
3490.06	-35.67	12.90	12.56	-35.33	-13.00	-22.33	V
5235.11	-34.33	13.10	16.32	-37.55	-13.00	-24.55	V
6980.16	-32.78	12.33	21.13	-41.58	-13.00	-28.58	V
LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3539.88	-33.86	12.90	12.56	-33.52	-13.00	-20.52	H
5309.90	-34.80	13.10	16.32	-38.02	-13.00	-25.02	H
7080.51	-32.75	12.33	21.13	-41.55	-13.00	-28.55	H
3539.88	-35.76	12.90	12.56	-35.42	-13.00	-22.42	V
5309.90	-35.07	13.10	16.32	-38.29	-13.00	-25.29	V
7080.51	-31.84	12.33	21.13	-40.64	-13.00	-27.64	V

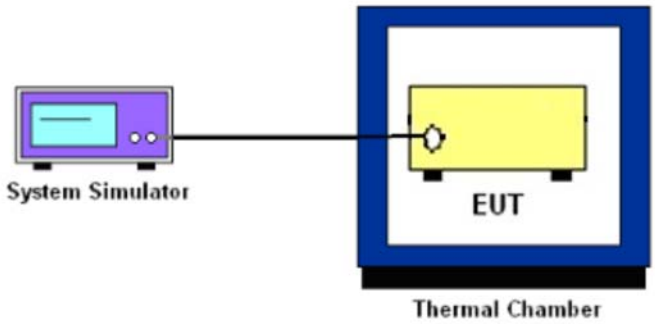
10. FREQUENCY STABILITY

10.1 DESCRIPTION OF FREQUENCY STABILITY MEASUREMENT

10.1.1 MEASUREMENT METHOD

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

10.1.2 TEST SETUP



10.1.3 TEST PROCEDURES FOR TEMPERATURE VARIATION

1. The EUT was set up in the thermal chamber and connected with the system simulator.

2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

10.1.4 TEST PROCEDURES FOR VOLTAGE VARIATION

1. The testing follows FCC KDB 971168 D01v01r03 Section 9.

2. The EUT was placed in a temperature chamber at 25±5° C and connected with the system simlator.

3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.

4. The variation in frequency was measured for the worst case.

10.1.5 TEST RESULTS

LTE Band 2 (QPSK) / 1880MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.59	0.007	2.5ppm	PASS
40		34.09	0.018		
30		27.15	0.014		
20		34.97	0.019		
10		17.67	0.009		
0		34.40	0.018		
-10		20.95	0.011		
-20		22.06	0.012		
-30		22.63	0.012		
20	Maximum Voltage	22.18	0.012		
20	BEP	20.88	0.011		

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	21.72	0.012	2.5ppm	PASS
40		11.85	0.006		
30		17.52	0.009		
20		15.35	0.008		
10		20.04	0.011		
0		20.92	0.011		
-10		28.36	0.015		
-20		20.94	0.011		
-30		31.49	0.017		
20	Maximum Voltage	30.02	0.016		
20	BEP	26.13	0.014		

LTE Band 4 (QPSK) / 1733MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	15.00	0.009	2.5ppm	PASS
40		30.56	0.018		
30		27.60	0.016		
20		12.69	0.007		
10		14.51	0.008		
0		18.22	0.011		
-10		20.99	0.012		
-20		16.57	0.010		
-30		19.10	0.011		
20	Maximum Voltage	16.11	0.009		
20	BEP	32.16	0.019		

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	21.69	0.013	2.5ppm	PASS
40		15.47	0.009		
30		35.45	0.020		
20		21.76	0.013		
10		16.56	0.010		
0		12.57	0.007		
-10		31.84	0.018		
-20		29.47	0.017		
-30		14.68	0.008		
20	Maximum Voltage	30.02	0.017		
20	BEP	25.08	0.014		

LTE Band 5 (QPSK) / 836.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.10	0.028	2.5ppm	PASS
40		18.76	0.026		
30		15.21	0.021		
20		32.96	0.046		
10		17.34	0.024		
0		28.17	0.040		
-10		35.36	0.005		
-20		31.42	0.044		
-30		15.55	0.022		
20	Maximum Voltage	36.44	0.051		
20	BEP	33.12	0.047		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.73	0.028	2.5ppm	PASS
40		20.54	0.029		
30		30.09	0.042		
20		16.96	0.024		
10		27.95	0.039		
0		36.39	0.051		
-10		35.82	0.005		
-20		23.95	0.034		
-30		18.05	0.025		
20	Maximum Voltage	21.98	0.031		
20	BEP	32.58	0.046		

LTE Band 7 (QPSK) / 2535MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.20	0.007	2.5ppm	PASS
40		30.06	0.012		
30		22.79	0.009		
20		32.24	0.013		
10		17.78	0.007		
0		35.82	0.014		
-10		36.36	0.014		
-20		31.64	0.012		
-30		35.50	0.014		
20	Maximum Voltage	25.27	0.010		
20	BEP	21.73	0.009		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	24.59	0.010	2.5ppm	PASS
40		22.06	0.009		
30		28.31	0.011		
20		26.75	0.011		
10		31.52	0.012		
0		26.10	0.010		
-10		13.85	0.005		
-20		20.45	0.008		
-30		18.26	0.007		
20	Maximum Voltage	34.67	0.014		
20	BEP	35.32	0.014		

LTE Band 12 (QPSK) / 707.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	26.59	0.037	2.5ppm	PASS
40		24.77	0.035		
30		17.50	0.025		
20		32.67	0.046		
10		35.16	0.050		
0		22.57	0.032		
-10		30.44	0.004		
-20		12.60	0.018		
-30		23.37	0.033		
20	Maximum Voltage	26.65	0.038		
20	BEP	12.45	0.018		

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.25	0.019	2.5ppm	PASS
40		20.61	0.029		
30		26.82	0.038		
20		28.54	0.040		
10		21.62	0.030		
0		19.34	0.027		
-10		19.53	0.003		
-20		19.56	0.028		
-30		36.44	0.051		
20	Maximum Voltage	24.30	0.034		
20	BEP	15.74	0.022		

LTE Band 13 (QPSK) / 782MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	15.10	0.021	2.5ppm	PASS
40		20.44	0.029		
30		21.58	0.030		
20		15.80	0.022		
10		15.61	0.022		
0		17.36	0.024		
-10		14.33	0.002		
-20		35.07	0.049		
-30		22.63	0.032		
20	Maximum Voltage	24.77	0.035		
20	BEP	15.76	0.022		

LTE Band 13 (QPSK) / 782MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	22.37	0.032	2.5ppm	PASS
40		15.47	0.022		
30		29.63	0.042		
20		27.26	0.038		
10		32.18	0.045		
0		19.25	0.027		
-10		21.54	0.003		
-20		15.33	0.022		
-30		13.26	0.019		
20	Maximum Voltage	17.42	0.025		
20	BEP	27.75	0.039		

LTE Band 17 (QPSK) / 710MHz / BW5M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	26.12	0.037	2.5ppm	PASS
40		26.97	0.038		
30		17.44	0.025		
20		11.89	0.017		
10		20.59	0.029		
0		31.76	0.045		
-10		35.66	0.005		
-20		27.24	0.038		
-30		18.58	0.026		
20	Maximum Voltage	27.41	0.039		
20	BEP	22.27	0.031		

LTE Band 17 (QPSK) / 710MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	33.43	0.047	2.5ppm	PASS
40		17.27	0.024		
30		29.91	0.042		
20		24.47	0.034		
10		14.72	0.021		
0		19.13	0.027		
-10		33.99	0.005		
-20		13.89	0.020		
-30		35.82	0.050		
20	Maximum Voltage	31.46	0.044		
20	BEP	14.62	0.021		

LTE Band 25 (QPSK) / 1882.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	26.99	0.014	2.5ppm	PASS
40		35.88	0.019		
30		21.24	0.011		
20		28.16	0.015		
10		31.70	0.017		
0		12.84	0.007		
-10		22.04	0.012		
-20		21.58	0.011		
-30		30.39	0.016		
20	Maximum Voltage	16.50	0.009		
20	BEP	22.04	0.012		

LTE Band 25 (QPSK) / 1882.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	28.13	0.015	2.5ppm	PASS
40		20.49	0.011		
30		24.06	0.013		
20		31.51	0.017		
10		24.64	0.013		
0		18.36	0.010		
-10		33.73	0.018		
-20		26.08	0.014		
-30		22.00	0.012		
20	Maximum Voltage	33.89	0.018		
20	BEP	26.39	0.014		

LTE Band 26(Part 22) (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.59	0.008	2.5ppm	PASS
40		23.11	0.013		
30		34.21	0.020		
20		17.32	0.010		
10		27.61	0.016		
0		25.99	0.015		
-10		20.52	0.012		
-20		12.96	0.007		
-30		16.78	0.010		
20	Maximum Voltage	34.31	0.020		
20	BEP	26.09	0.015		

LTE Band 26(Part 22) (QPSK) / 836.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	28.14	0.016	2.5ppm	PASS
40		17.96	0.010		
30		29.35	0.017		
20		15.88	0.009		
10		27.62	0.016		
0		14.62	0.008		
-10		36.04	0.021		
-20		17.39	0.010		
-30		14.19	0.008		
20	Maximum Voltage	18.96	0.011		
20	BEP	34.57	0.020		

LTE Band 26(Part 90) (QPSK) / 819MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.20	0.010	2.5ppm	PASS
40		21.39	0.012		
30		14.18	0.008		
20		24.05	0.014		
10		15.77	0.009		
0		25.60	0.015		
-10		25.35	0.015		
-20		19.58	0.011		
-30		26.72	0.015		
20	Maximum Voltage	18.39	0.011		
20	BEP	34.57	0.020		

LTE Band 26(Part 90) (QPSK) / 819MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.33	0.019	2.5ppm	PASS
40		28.70	0.017		
30		25.87	0.015		
20		20.79	0.012		
10		22.42	0.013		
0		15.92	0.009		
-10		18.24	0.011		
-20		11.84	0.007		
-30		18.12	0.010		
20	Maximum Voltage	12.85	0.007		
20	BEP	30.39	0.018		

2305-2315M

LTE Band 40 (QPSK) / 2310MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.69	0.013	2.5ppm	PASS
40		28.12	0.011		
30		25.58	0.010		
20		25.58	0.010		
10		20.10	0.008		
0		23.28	0.009		
-10		19.17	0.008		
-20		27.91	0.011		
-30		13.96	0.006		
20	Maximum Voltage	33.75	0.013		
20	BEP	12.53	0.005		

2350-2360M

LTE Band 40 (QPSK) / 2355MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.72	0.007	2.5ppm	PASS
40		36.11	0.014		
30		25.83	0.010		
20		21.80	0.009		
10		13.91	0.005		
0		18.86	0.007		
-10		15.06	0.006		
-20		35.07	0.014		
-30		11.79	0.005		
20	Maximum Voltage	33.76	0.013		
20	BEP	22.71	0.009		

LTE Band 41 (QPSK) / 2605MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.57	0.006	2.5ppm	PASS
40		33.96	0.013		
30		12.38	0.005		
20		30.16	0.012		
10		24.86	0.010		
0		26.48	0.010		
-10		17.17	0.007		
-20		12.59	0.005		
-30		12.51	0.005		
20	Maximum Voltage	28.73	0.011		
20	BEP	31.62	0.012		

LTE Band 41 (QPSK) / 2605MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	15.37	0.006	2.5ppm	PASS
40		23.58	0.009		
30		19.80	0.008		
20		33.45	0.013		
10		16.03	0.006		
0		11.75	0.005		
-10		21.66	0.009		
-20		26.02	0.010		
-30		13.86	0.005		
20	Maximum Voltage	35.04	0.014		
20	BEP	17.33	0.007		

LTE Band 66 (QPSK) / 1745MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	34.14	0.020	2.5ppm	PASS
40		32.87	0.019		
30		23.20	0.013		
20		25.58	0.015		
10		28.05	0.016		
0		19.14	0.011		
-10		31.31	0.018		
-20		27.75	0.016		
-30		25.27	0.015		
20	Maximum Voltage	26.81	0.015		
20	BEP	34.53	0.020		

LTE Band 66 (QPSK) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.00	0.012	2.5ppm	PASS
40		12.04	0.007		
30		27.57	0.016		
20		14.76	0.009		
10		22.34	0.013		
0		29.90	0.017		
-10		17.65	0.010		
-20		24.68	0.014		
-30		28.87	0.017		
20	Maximum Voltage	12.85	0.007		
20	BEP	12.11	0.007		

APPENDIX-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

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