RADIO TEST REPORT

Report No.:STS2305319W06

Issued for

Trackimo INC.

680 Central Ave, Cedarhurst, New York 11516, USA

Product Name:	GPS Tracker
Brand:	Tracki, Trackimo
Model Number:	TRKM010B
Series Model(s):	TRKM010W, TRKM010J, TRKM010V, TRKM010T, TRKM010E
FCC ID:	2AAI6-TRKM010B
Test Standard:	47 CFR Part 2, 22, 24(E), 27, 90

Shenzhen STS Test Services Co., Ltd.
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Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China
TEL: +86-755 3688 6288 FAX: +86-755 3688 6277 E-mail:sts@stsapp.com

TEST RESULT CERTIFICATION

Applicant's Name.....:	Trackimo INC.
Address.....:	680 Central Ave, Cedarhurst, New York 11516, USA
Manufacturer's Name.....:	Trackimo INC.
Address.....:	680 Central Ave, Cedarhurst, New York 11516, USA

Product Description

Product Name .....:	GPS Tracker
Brand .....:	Tracki, Trackimo
Model Number.....:	TRKM010B
Series Model(s) .....:	TRKM010W, TRKM010J, TRKM010V, TRKM010T, TRKM010E
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 .....:	24 Sept. 2021
Date (s) of performance of tests :	24 Sept. 2021 ~ 16 June 2023
Date of Issue .....:	16 June 2023
Test Result .....:	Pass

Testing Engineer : Chris Chen

(Chris Chen)

Technical Manager : Sean She

(Sean she)

Authorized Signatory : Bovey Yang

(Bovey Yang)

APPROVAL

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Revision History

Rev.	Issue Date	Report NO.	Effect Page	Contents
00	22 Oct. 2021	STS2109174W06	ALL	Initial Issue
00	16 June 2023	STS2305319W06	ALL	Update the applicant, manufacturer, brand name, serial mode, hardware version number and radiated spurious data, and delete Band 13, update antenna gain and add series models.

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	±1.197dB
2	Unwanted Emissions, conducted	±2.896dB
3	All emissions, radiated 9K-30MHz	±3.84dB
4	All emissions, radiated 30M-1GHz	±3.94dB
5	All emissions, radiated 1G-6GHz	±4.59dB
6	All emissions, radiated>6G	±5.22dB
7	Conducted Emission (9KHz-150KHz)	±2.14dB
8	Conducted Emission (150KHz-30MHz)	±2.54dB

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	GPS Tracker
Brand	Tracki, Trackimo
Model Number	TRKM010B
Series Model(s)	TRKM010W, TRKM010J, TRKM010V, TRKM010T, TRKM010E
Model Difference	The difference only in the model name and Brand name.
Frequency Bands	U.S. Bands: LTE FDD Band 2 LTE FDD Band 4 LTE FDD Band 5 LTE FDD Band 7 LTE FDD Band 12 LTE FDD Band 17 LTE FDD Band 25 LTE FDD Band 26 LTE TDD Band 41
SIM Card	Only support single SIM Card.
Antenna	PIFA
Antenna gain	LTE B2: -4.45 dBi,LTE B4: -4.33 dBi,LTE B5: -11.97 dBi, LTE B7: -2.36 dBi,LTE B12: -10.64 dBi,LTE B17: -10.64 dBi, LTE B25: -4.45 dBi,LTE B26: -10.82 dBi,LTE B41: -1.87 dBi
Battery parameter	Rated Voltage: 3.7V Charge Limit Voltage: 4.2V Capacity: 600mAh
Rating	Input: DC 5V 500mA
Extreme Vol. Limits	3.3V to 4.2V (Nominal 3.7V)
Extreme Temp. Tolerance	-10℃ to +55℃
Hardware version number	UB12 PCB V0.3
Software version number	0.3

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

2.1.2 PRODUCT SPECIFICATION SUBJECTIVE TO THIS STANDARD

Product Specification Subjective To This Standard	
Tx Frequency	LTE Band 2:1850~1910MHz LTE Band 4:1710~1755MHz LTE Band 5:824~849MHz LTE Band 7:2500~2570MHz LTE Band 12:699~716MHz LTE Band 17:704~716MHz LTE Band 25:1850~1915MHz LTE Band 26:814~849MHz LTE Band 41:2555~2655MHz
Rx Frequency	LTE Band 2:1930 ~1990MHz LTE Band 4:2110~2155MHz LTE Band 5:869~894MHz LTE Band 7:2620~2690MHz LTE Band 12:729~746MHz LTE Band 17:734~746MHz LTE Band 25:1930~1995MHz LTE Band 26:859~894MHz LTE Band 41:2555~2655MHz
Bandwidth	LTE Band 2: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz /20MHz LTE Band 5: 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 7: 5MHz / 10MHz / 15MHz /20MHz LTE Band 12: 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 17: 5MHz / 10MHz LTE Band 25: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz /20MHz LTE Band 26: 1.4MHz / 3MHz / 5MHz / 10MHz/15MHz LTE Band 41: 5MHz / 10MHz / 15MHz /20MHz
Maximum Output Power	LTE Band 2: 24.23 dBm LTE Band 4: 24.88 dBm LTE Band 5: 24.68 dBm LTE Band 7: 23.95 dBm LTE Band 12: 25.12 dBm LTE Band 17: 24.23 dBm LTE Band 25: 24.66 dBm LTE Band 26: 25.23 dBm LTE Band 41: 24.35 dBm
Type of Modulation	QPSK /16QAM

The Bandwidth channel frequency division table for Band 26:

Part90				Part22			
TX	814MHz	-	824MHz	TX	824MHz	-	849MHz
RX	859MHz	-	869MHz	RX	869MHz	-	894MHz
Band26	BW	Channel	Frequency	Band26	BW	Channel	Frequency
Low	1.4M	26697	814.7	Low	1.4M	26797	824.7
	3M	26705	815.5		3M	26805	825.5
	5M	26715	816.5		5M	26815	826.5
Middle	1.4/3/5/10	26740	819		10M	26840	829
High	1.4M	26783	823.3		15M	26865	831.5
	3M	26775	822.5	Middle	1.4/3/5/10/15	26915	836.5
	5M	26765	821.5	High	1.4M	27033	848.3
					3M	27025	847.5
					5M	27015	846.5
					10M	26990	844
					15M	26965	841.5

RF Function	Band	UE Category UL	Modulation	Power Class	Ant Gain(dBi)	Ant Type	SIM Card
LTE	FDD:2/4/5/7/12//17/25/26		UL：QPSK, 16QAM DL：QPSK, 16QAM	3	B2: -4.45 B4: -4.33 B5: -11.97 B7: -2.36 B12: -10.64 B17: -10.64 B25: -4.45 B26: -10.82 B41: -1.87	PIFA	1 SIM 1 is used to tested.
	TDD:41						

2.1.3 EMISSION DESIGNATOR

LTE Band 2	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M11G7D	1M11W7D
3	2M69G7D	2M69W7D
5	4M54G7D	4M55W7D
10	8M96G7D	8M95W7D
15	13M6G7D	13M5W7D
20	18M0G7D	18M0W7D
LTE Band 4	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M11G7D	1M11W7D
3	2M69G7D	2M69W7D
5	4M54G7D	4M54W7D
10	8M96G7D	8M96W7D
15	13M5G7D	13M5W7D
20	18M0G7D	18M0W7D
LTE Band 5	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M14G7D	1M13W7D
3	2M72G7D	2M71W7D
5	4M56G7D	4M57W7D
10	8M97G7D	8M96W7D
LTE Band 7	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M53G7D	4M55W7D
10	8M95G7D	8M95W7D
15	13M5G7D	13M5W7D
20	18M0G7D	18M0W7D
LTE Band 12	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M69G7D	2M69W7D
5	4M53G7D	4M56W7D
10	8M96G7D	8M95W7D
LTE Band 17	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M54G7D	4M54W7D
10	8M95G7D	8M95W7D
LTE Band 25	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M11G7D	1M11W7D
3	2M69G7D	2M69W7D
5	4M52G7D	4M54W7D
10	8M96G7D	8M95W7D
15	13M5G7D	13M5W7D
20	18M0G7D	18M0W7D

LTE Band 26 (Part 22)	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M11W7D
3	2M69G7D	2M69W7D
5	4M52G7D	4M56W7D
10	8M96G7D	8M96W7D
15	13M5G7D	13M5W7D
LTE Band 26 (Part 90)	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M11G7D	1M11W7D
3	2M69G7D	2M69W7D
5	4M52G7D	4M54W7D
10	8M91G7D	8M90W7D
LTE Band 41	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M52G7D	4M52W7D
10	8M95G7D	8M95W7D
15	13M5G7D	13M5W7D
20	17M9G7D	18M0W7D

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
	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
	41			v	v	v	v	v	v	v	v	v	v	v	v
Peak&Avera Ratio	2						v	v	v	v		v	v	v	v
	4						v	v	v	v		v	v	v	v
	5				v			v	v	v		v	v	v	v
	7						v	v	v	v		v	v	v	v
	12				v			v	v	v		v	v	v	v
	17				v			v	v	v		v	v	v	v
	25						v	v	v	v		v	v	v	v
	26					v		v	v	v		v	v	v	v
	41						v	v	v	v		v	v	v	v
26dB&99% Bandwidth	2	v	v	v	v	v	v	v	v			v	v	v	v
	4	v	v	v	v	v	v	v	v			v	v	v	v
	5	v	v	v	v			v	v			v	v	v	v
	7			v	v	v	v	v	v			v	v	v	v
	12	v	v	v	v			v	v			v	v	v	v
	17			v	v			v	v			v	v	v	v
	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
	41			v	v	v	v	v	v			v	v	v	v
Conducted Band Edge	2	v	v	v	v	v	v	v	v	v		v	v	v	v
	4	v	v	v	v	v	v	v	v	v		v	v	v	v
	5	v	v	v	v			v	v	v		v	v	v	v
	7			v	v	v	v	v	v	v		v	v	v	v
	12	v	v	v	v			v	v	v		v	v	v	v

	17			V	V			V	V	V		V	V	V	V
	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
	41			V	V	V	V	V	V	V		V	V	V	V
Conducted Spurious Emission	2	V	V	V	V	V	V	V	V	V			V	V	V
	4	V	V	V	V	V	V	V	V	V			V	V	V
	5	V	V	V	V			V	V	V			V	V	V
	7			V	V	V	V	V	V	V			V	V	V
	12	V	V	V	V			V	V	V			V	V	V
	17			V	V			V	V	V			V	V	V
	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
	41			V	V	V	V	V	V	V			V	V	V
Frequency Stability	2				V			V				V		V	
	4				V			V				V		V	
	5				V			V				V		V	
	7				V			V				V		V	
	12				V			V				V		V	
	17				V			V				V		V	
	25				V			V				V		V	
	26				V			V				V		V	
	41				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
	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
	41			V	V	V	V	V	V	V			V	V	V
Radiated Spurious Emission	2	V	V	V	V	V	V	V		V			V	V	V
	4	V	V	V	V	V	V	V		V			V	V	V
	5	V	V	V	V			V		V			V	V	V
	7			V	V	V	V	V		V			V	V	V
	12	V	V	V	V			V		V			V	V	V
	17			V	V			V		V			V	V	V
	25	V	V	V	V	V	V	V		V			V	V	V
	26	V	V	V	V	V		V		V			V	V	V
	41			V	V	V	V	V		V			V	V	V

2.1.5 RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for filing to comply with the 47 CFR Part 2, 22, 24(E), 27, 90.

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.

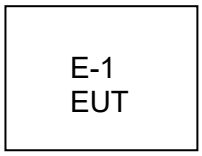


Table 2-1 Equipment Used in EUT System

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) "YES" is means "with core"; "NO" is means "without core".

2.1.10 MEASUREMENT INSTRUMENTS

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

RF Radiation Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2023.03.03	2024.03.02
Wireless Communications Test Set	R&S	CMW 500	117239	2023.03.01	2024.02.29
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2022.07.04	2023.07.03
Pre-Amplifier (1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2022.09.29	2023.09.28
Positioning Controller	MF	MF-7802	MF-780208587	N/A	N/A
Signal Analyzer	R&S	FSV 40-N	101823	2022.09.29	2023.09.28
Switch Control Box	N/A	N/A	N/A	N/A	N/A
Filter Box	BALUN Technology	SU319E	BL-SZ1530051	N/A	N/A
Video Controller	SKET	FCS C-3	N/A	N/A	N/A
Bilog Antenna	TESEQ	CBL6111D	34678	2022.09.30	2024.09.29
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2021.10.11	2023.10.10
Antenna Mast	MF	MFA-440H	N/A	N/A	N/A
Turn Table	MF	N/A	N/A	N/A	N/A
AC Power Source	APC	KDF-11010G	F214050035	N/A	N/A
DC Power Supply	Zhaoxin	RXN 605D	20R605D11010081	N/A	N/A
Test SW	EMC Test Software	15.2.0.339			
	EZ-EMC	Ver.STSLAB-03A1 RE			
RF Connected Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2023.03.03	2024.03.02
Wireless Communications Test Set	R&S	CMW 500	131428	2023.03.01	2024.02.29
Signal Analyzer	Agilent	N9020A	MY52440124	2023.03.01	2024.02.29
RF Automatic Test System	Maiwei	MW200-SFCB	N/A	N/A	N/A
Temperature & Humidity Test Chamber	Safety test	AG80L	171200018	2023.03.01	2024.02.29
Programmable Power Supply	Agilent	E3642A	MY40002025	2022.09.29	2023.09.28
Test SW	MTS 8200	2.0.0.0			

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	23.94	23.20	22.59
1.4	1	2		23.69	22.91	22.34
1.4	1	5		23.49	22.62	22.08
1.4	3	0		23.28	22.38	21.84
1.4	3	1		23.03	22.17	21.59
1.4	3	2		22.81	21.88	21.34
1.4	6	0		22.56	21.60	21.09
1.4	1	0	16-QAM	23.69	22.90	22.30
1.4	1	2		23.48	22.69	22.04
1.4	1	5		23.21	22.41	21.75
1.4	3	0		22.94	22.13	21.49
1.4	3	1		22.64	21.84	21.25
1.4	3	2		22.39	21.63	21.04
1.4	6	0		22.12	21.34	20.76
3	1	0	QPSK	23.93	23.26	23.62
3	1	7		23.65	23.00	23.34
3	1	14		23.42	22.77	23.08
3	8	0		23.21	22.56	22.83
3	8	4		22.91	22.32	22.60
3	8	7		22.69	22.08	22.31
3	15	0		22.39	21.84	22.08
3	1	0	16-QAM	23.69	22.97	23.35
3	1	7		23.43	22.76	23.07
3	1	14		23.23	22.54	22.85
3	8	0		22.95	22.34	22.60
3	8	4		22.72	22.05	22.34
3	8	7		22.48	21.75	22.13
3	15	0		22.28	21.49	21.92

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.95	23.32	23.66
5	1	12		23.70	23.05	23.44
5	1	24		23.48	22.84	23.14
5	12	0		23.24	22.61	22.85
5	12	6		23.03	22.40	22.64
5	12	11		22.81	22.18	22.43
5	25	0		22.59	21.95	22.23
5	1	0	16-QAM	23.75	23.05	23.46
5	1	12		23.46	22.81	23.24
5	1	24		23.25	22.58	22.95
5	12	0		22.99	22.29	22.69
5	12	6		22.78	22.05	22.46
5	12	11		22.54	21.83	22.21
5	25	0		22.30	21.61	21.99
10	1	0	QPSK	23.98	23.45	23.75
10	1	24		23.76	23.24	23.52
10	1	49		23.49	23.00	23.23
10	25	0		23.21	22.79	22.97
10	25	12		22.96	22.57	22.69
10	25	24		22.74	22.28	22.42
10	50	0		22.47	22.00	22.19
10	1	0	16-QAM	23.73	23.17	23.47
10	1	24		23.51	22.96	23.23
10	1	49		23.25	22.76	22.94
10	25	0		23.02	22.49	22.68
10	25	12		22.76	22.21	22.47
10	25	24		22.47	21.94	22.19
10	50	0		22.27	21.69	21.94

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	24.02	23.65	23.81
15	1	37		23.78	23.41	23.54
15	1	74		23.54	23.18	23.26
15	36	0		23.31	22.93	23.04
15	36	18		23.06	22.70	22.83
15	36	39		22.86	22.47	22.54
15	75	0		22.63	22.23	22.34
15	1	0	16-QAM	23.76	23.40	23.54
15	1	38		23.52	23.14	23.27
15	1	75		23.23	22.92	22.98
15	36	0		23.02	22.69	22.70
15	36	18		22.75	22.40	22.48
15	36	39		22.51	22.12	22.25
15	75	0		22.24	21.89	21.98
20	1	0	QPSK	24.23	24.03	24.12
20	1	49		24.00	23.82	23.82
20	1	99		23.70	23.52	23.57
20	50	0		23.41	23.31	23.30
20	50	24		23.16	23.10	23.08
20	50	49		22.88	22.87	22.81
20	100	0		22.60	22.62	22.55
20	1	0	16-QAM	24.03	23.74	23.86
20	1	49		23.82	23.45	23.65
20	1	99		23.58	23.24	23.43
20	50	0		23.35	22.97	23.14
20	50	24		23.10	22.74	22.92
20	50	49		22.87	22.49	22.64
20	100	0		22.62	22.24	22.38

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.89	23.78	23.92
1.4	1	2		23.63	23.55	23.71
1.4	1	5		23.43	23.33	23.46
1.4	3	0		23.15	23.07	23.26
1.4	3	1		22.95	22.80	23.05
1.4	3	2		22.67	22.60	22.80
1.4	6	0		22.45	22.31	22.52
1.4	1	0	16-QAM	23.65	23.54	23.67
1.4	1	2		23.43	23.27	23.41
1.4	1	5		23.22	22.97	23.16
1.4	3	0		22.94	22.72	22.88
1.4	3	1		22.66	22.47	22.65
1.4	3	2		22.41	22.23	22.38
1.4	6	0		22.16	22.03	22.09
3	1	0	QPSK	23.95	23.86	23.95
3	1	7		23.70	23.61	23.72
3	1	14		23.41	23.37	23.52
3	8	0		23.14	23.14	23.28
3	8	4		22.87	22.93	23.07
3	8	7		22.64	22.67	22.87
3	15	0		22.35	22.43	22.64
3	1	0	16-QAM	23.68	23.57	23.74
3	1	7		23.45	23.32	23.47
3	1	14		23.21	23.02	23.22
3	8	0		22.97	22.75	22.93
3	8	4		22.69	22.47	22.69
3	8	7		22.44	22.20	22.45
3	15	0		22.15	21.96	22.15

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	24.02	23.96	23.99
5	1	12		23.74	23.67	23.70
5	1	24		23.52	23.44	23.46
5	12	0		23.30	23.20	23.20
5	12	6		23.07	22.97	22.93
5	12	11		22.79	22.75	22.72
5	25	0		22.55	22.47	22.49
5	1	0	16-QAM	23.74	23.73	23.75
5	1	12		23.46	23.48	23.55
5	1	24		23.17	23.25	23.33
5	12	0		22.96	22.98	23.04
5	12	6		22.67	22.72	22.75
5	12	11		22.42	22.48	22.45
5	25	0		22.16	22.25	22.22
10	1	0	QPSK	24.23	24.12	24.13
10	1	24		23.98	23.92	23.93
10	1	49		23.78	23.71	23.64
10	25	0		23.57	23.41	23.36
10	25	12		23.35	23.11	23.09
10	25	24		23.05	22.85	22.80
10	50	0		22.78	22.58	22.60
10	1	0	16-QAM	24.03	23.83	23.93
10	1	24		23.81	23.58	23.63
10	1	49		23.53	23.36	23.37
10	25	0		23.25	23.15	23.10
10	25	12		23.00	22.91	22.80
10	25	24		22.80	22.65	22.51
10	50	0		22.51	22.41	22.28

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	24.32	24.26	24.29
15	1	37		24.10	24.00	24.01
15	1	74		23.83	23.71	23.75
15	36	0		23.58	23.44	23.50
15	36	18		23.31	23.21	23.30
15	36	39		23.03	23.01	23.09
15	75	0		22.73	22.71	22.84
15	1	0	16-QAM	24.09	23.99	24.00
15	1	38		23.82	23.71	23.79
15	1	75		23.57	23.43	23.56
15	36	0		23.36	23.15	23.35
15	36	18		23.08	22.88	23.12
15	36	39		22.80	22.62	22.84
15	75	0		22.54	22.39	22.56
20	1	0	QPSK	24.85	24.88	24.76
20	1	49		24.62	24.59	24.49
20	1	99		24.39	24.39	24.21
20	50	0		24.09	24.11	23.93
20	50	24		23.82	23.87	23.72
20	50	49		23.57	23.59	23.42
20	100	0		23.29	23.38	23.12
20	1	0	16-QAM	24.63	24.62	24.53
20	1	49		24.37	24.34	24.24
20	1	99		24.15	24.10	23.97
20	50	0		23.89	23.83	23.73
20	50	24		23.60	23.63	23.50
20	50	49		23.36	23.37	23.20
20	100	0		23.09	23.14	22.92

LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.89	23.78	23.88
1.4	1	2		23.65	23.57	23.61
1.4	1	5		23.41	23.33	23.35
1.4	3	0		23.20	23.08	23.06
1.4	3	1		22.97	22.79	22.79
1.4	3	2		22.76	22.51	22.59
1.4	6	0		22.48	22.28	22.33
1.4	1	0	16-QAM	23.66	23.58	23.61
1.4	1	2		23.41	23.34	23.34
1.4	1	5		23.21	23.10	23.13
1.4	3	0		22.98	22.80	22.84
1.4	3	1		22.72	22.53	22.58
1.4	3	2		22.45	22.26	22.36
1.4	6	0		22.17	22.03	22.13
3	1	0	QPSK	23.98	23.86	23.95
3	1	7		23.74	23.63	23.74
3	1	14		23.51	23.34	23.49
3	8	0		23.29	23.13	23.20
3	8	4		23.00	22.89	22.98
3	8	7		22.77	22.61	22.75
3	15	0		22.49	22.36	22.46
3	1	0	16-QAM	23.72	23.58	23.67
3	1	7		23.51	23.36	23.38
3	1	14		23.26	23.07	23.10
3	8	0		23.05	22.83	22.88
3	8	4		22.77	22.53	22.67
3	8	7		22.53	22.27	22.39
3	15	0		22.32	21.99	22.17

LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	24.12	24.06	24.23
5	1	12		23.88	23.84	23.99
5	1	24		23.63	23.64	23.69
5	12	0		23.35	23.42	23.49
5	12	6		23.12	23.15	23.21
5	12	11		22.92	22.85	22.91
5	25	0		22.69	22.56	22.67
5	1	0	16-QAM	23.85	23.82	23.95
5	1	12		23.59	23.58	23.68
5	1	24		23.34	23.33	23.39
5	12	0		23.06	23.03	23.09
5	12	6		22.83	22.82	22.80
5	12	11		22.63	22.58	22.52
5	25	0		22.34	22.29	22.22
10	1	0	QPSK	24.56	24.62	24.68
10	1	24		24.27	24.37	24.40
10	1	49		24.01	24.08	24.17
10	25	0		23.80	23.81	23.90
10	25	12		23.51	23.54	23.69
10	25	24		23.29	23.32	23.39
10	50	0		23.00	23.10	23.16
10	1	0	16-QAM	24.27	24.36	24.38
10	1	24		24.03	24.16	24.14
10	1	49		23.74	23.93	23.90
10	25	0		23.49	23.69	23.66
10	25	12		23.26	23.45	23.44
10	25	24		23.02	23.25	23.17
10	50	0		22.81	22.99	22.95

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.56	22.62	22.68
5	1	12		22.36	22.36	22.38
5	1	24		22.11	22.10	22.18
5	12	0		21.83	21.86	21.92
5	12	6		21.58	21.61	21.71
5	12	11		21.33	21.34	21.49
5	25	0		21.07	21.09	21.26
5	1	0	16-QAM	22.31	22.40	22.45
5	1	12		22.05	22.17	22.20
5	1	24		21.81	21.94	21.91
5	12	0		21.58	21.66	21.67
5	12	6		21.35	21.46	21.46
5	12	11		21.13	21.20	21.21
5	25	0		20.91	20.96	21.01
10	1	0	QPSK	22.75	22.78	22.86
10	1	24		22.47	22.52	22.65
10	1	49		22.21	22.23	22.36
10	25	0		22.00	21.94	22.10
10	25	12		21.73	21.71	21.90
10	25	24		21.43	21.42	21.64
10	50	0		21.17	21.13	21.37
10	1	0	16-QAM	22.50	22.53	22.63
10	1	24		22.21	22.32	22.41
10	1	49		21.96	22.10	22.15
10	25	0		21.74	21.82	21.94
10	25	12		21.51	21.59	21.65
10	25	24		21.27	21.35	21.37
10	50	0		21.01	21.05	21.14

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.12	23.23	23.18
15	1	37		22.87	23.02	22.95
15	1	74		22.62	22.76	22.69
15	36	0		22.33	22.51	22.47
15	36	18		22.08	22.21	22.18
15	36	39		21.85	21.95	21.92
15	75	0		21.59	21.66	21.63
15	1	0	16-QAM	22.87	22.96	22.93
15	1	38		22.61	22.68	22.66
15	1	75		22.31	22.45	22.44
15	36	0		22.06	22.17	22.17
15	36	18		21.80	21.92	21.94
15	36	39		21.57	21.70	21.74
15	75	0		21.28	21.46	21.54
20	1	0	QPSK	23.89	23.95	23.94
20	1	49		23.67	23.65	23.67
20	1	99		23.46	23.36	23.47
20	50	0		23.20	23.10	23.23
20	50	24		22.91	22.81	22.96
20	50	49		22.64	22.56	22.75
20	100	0		22.36	22.30	22.50
20	1	0	16-QAM	23.60	23.70	23.68
20	1	49		23.36	23.44	23.43
20	1	99		23.12	23.18	23.22
20	50	0		22.85	22.95	22.97
20	50	24		22.88	22.75	22.88
20	50	49		22.59	22.51	22.61
20	100	0		22.25	22.22	22.42

LTE Band 12 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	24.89	24.62	24.88
1.4	1	2		24.60	24.35	24.66
1.4	1	5		24.33	24.12	24.36
1.4	3	0		24.08	23.88	24.09
1.4	3	1		23.81	23.59	23.81
1.4	3	2		23.54	23.33	23.51
1.4	6	0		23.31	23.13	23.22
1.4	1	0	16-QAM	24.68	24.33	24.60
1.4	1	2		24.42	24.03	24.39
1.4	1	5		24.16	23.74	24.17
1.4	3	0		23.88	23.48	23.96
1.4	3	1		23.64	23.24	23.71
1.4	3	2		23.35	23.00	23.43
1.4	6	0		23.09	22.78	23.18
3	1	0	QPSK	24.92	24.85	24.96
3	1	7		24.70	24.56	24.73
3	1	14		24.44	24.31	24.47
3	8	0		24.16	24.07	24.19
3	8	4		23.86	23.78	23.97
3	8	7		23.61	23.55	23.72
3	15	0		23.32	23.27	23.44
3	1	0	16-QAM	24.64	24.56	24.72
3	1	7		24.37	24.35	24.43
3	1	14		24.17	24.12	24.23
3	8	0		23.90	23.84	23.98
3	8	4		23.67	23.56	23.72
3	8	7		23.43	23.31	23.45
3	15	0		23.17	23.01	23.20

LTE Band 12 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	24.93	24.92	24.96
5	1	12		24.66	24.63	24.69
5	1	24		24.42	24.37	24.46
5	12	0		24.13	24.13	24.20
5	12	6		23.90	23.85	23.96
5	12	11		23.67	23.55	23.76
5	25	0		23.41	23.34	23.55
5	1	0	16-QAM	24.72	24.72	24.73
5	1	12		24.50	24.44	24.52
5	1	24		24.27	24.18	24.27
5	12	0		23.99	23.97	24.00
5	12	6		23.69	23.77	23.76
5	12	11		23.47	23.50	23.50
5	25	0		23.19	23.21	23.28
10	1	0	QPSK	25.02	25.12	25.06
10	1	24		24.79	24.92	24.84
10	1	49		24.55	24.71	24.55
10	25	0		24.27	24.48	24.29
10	25	12		23.98	24.21	24.01
10	25	24		23.70	24.00	23.78
10	50	0		23.44	23.70	23.52
10	1	0	16-QAM	24.72	24.89	24.82
10	1	24		24.52	24.67	24.57
10	1	49		24.32	24.44	24.34
10	25	0		24.09	24.16	24.05
10	25	12		23.83	23.92	23.79
10	25	24		23.53	23.71	23.59
10	50	0		23.33	23.49	23.30

LTE Band 17 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.56	23.62	23.68
5	1	12		23.34	23.40	23.40
5	1	24		23.06	23.14	23.17
5	12	0		22.79	22.89	22.93
5	12	6		22.57	22.65	22.66
5	12	11		22.35	22.36	22.37
5	25	0		22.14	22.13	22.07
5	1	0	16-QAM	23.28	23.33	23.44
5	1	12		23.01	23.05	23.24
5	1	24		22.74	22.83	23.02
5	12	0		22.46	22.53	22.78
5	12	6		22.23	22.30	22.53
5	12	11		21.99	22.08	22.23
5	25	0		21.72	21.85	21.98
10	1	0	QPSK	24.03	24.12	24.23
10	1	24		23.77	23.89	23.95
10	1	49		23.56	23.64	23.65
10	25	0		23.35	23.41	23.36
10	25	12		23.05	23.19	23.08
10	25	24		22.82	22.98	22.87
10	50	0		22.57	22.69	22.57
10	1	0	16-QAM	23.80	23.89	24.03
10	1	24		23.54	23.60	23.75
10	1	49		23.26	23.33	23.49
10	25	0		22.99	23.04	23.28
10	25	12		22.73	22.76	23.04
10	25	24		22.44	22.50	22.81
10	50	0		22.16	22.26	22.53

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.32	23.45	23.56
1.4	1	2		23.10	23.21	23.36
1.4	1	5		22.82	22.92	23.06
1.4	3	0		22.58	22.67	22.84
1.4	3	1		22.37	22.40	22.58
1.4	3	2		22.09	22.19	22.32
1.4	6	0		21.85	21.91	22.07
1.4	1	0	16-QAM	23.05	23.19	23.34
1.4	1	2		22.83	22.90	23.05
1.4	1	5		22.62	22.64	22.78
1.4	3	0		22.39	22.36	22.51
1.4	3	1		22.17	22.09	22.23
1.4	3	2		21.89	21.87	21.99
1.4	6	0		21.59	21.59	21.73
3	1	0	QPSK	23.56	23.62	23.68
3	1	7		23.28	23.33	23.39
3	1	14		22.99	23.09	23.17
3	8	0		22.78	22.88	22.90
3	8	4		22.58	22.59	22.64
3	8	7		22.33	22.31	22.36
3	15	0		22.11	22.07	22.10
3	1	0	16-QAM	23.30	23.39	23.47
3	1	7		23.05	23.15	23.19
3	1	14		22.80	22.92	22.97
3	8	0		22.58	22.66	22.68
3	8	4		22.37	22.42	22.41
3	8	7		22.09	22.22	22.20
3	15	0		21.86	22.01	21.96

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.85	23.89	23.92
5	1	12		23.58	23.64	23.64
5	1	24		23.33	23.37	23.41
5	12	0		23.12	23.12	23.12
5	12	6		22.83	22.90	22.85
5	12	11		22.55	22.61	22.59
5	25	0		22.33	22.39	22.37
5	1	0	16-QAM	23.57	23.62	23.63
5	1	12		23.33	23.40	23.34
5	1	24		23.09	23.10	23.12
5	12	0		22.88	22.85	22.85
5	12	6		22.65	22.58	22.64
5	12	11		22.45	22.36	22.37
5	25	0		22.17	22.14	22.10
10	1	0	QPSK	23.95	23.96	23.99
10	1	24		23.72	23.68	23.76
10	1	49		23.51	23.39	23.48
10	25	0		23.27	23.10	23.25
10	25	12		23.03	22.84	22.97
10	25	24		22.75	22.59	22.73
10	50	0		22.46	22.36	22.53
10	1	0	16-QAM	23.69	23.72	23.70
10	1	24		23.45	23.43	23.46
10	1	49		23.19	23.15	23.16
10	25	0		22.90	22.89	22.90
10	25	12		22.69	22.61	22.66
10	25	24		22.42	22.35	22.46
10	50	0		22.16	22.13	22.22

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	24.13	24.23	24.32
15	1	37		23.90	23.94	24.04
15	1	74		23.69	23.69	23.77
15	36	0		23.48	23.43	23.48
15	36	18		23.21	23.22	23.18
15	36	39		22.98	22.94	22.93
15	75	0		22.71	22.74	22.72
15	1	0	16-QAM	23.87	23.99	24.09
15	1	38		23.58	23.72	23.88
15	1	75		23.30	23.49	23.68
15	36	0		23.09	23.26	23.48
15	36	18		22.80	22.96	23.22
15	36	39		22.54	22.73	22.97
15	75	0		22.30	22.51	22.76
20	1	0	QPSK	24.56	24.62	24.66
20	1	49		24.35	24.34	24.36
20	1	99		24.08	24.07	24.14
20	50	0		23.85	23.78	23.91
20	50	24		23.58	23.49	23.68
20	50	49		23.29	23.21	23.40
20	100	0		23.06	22.94	23.15
20	1	0	16-QAM	24.33	24.35	24.44
20	1	49		24.07	24.06	24.20
20	1	99		23.82	23.81	23.95
20	50	0		23.57	23.57	23.74
20	50	24		23.32	23.32	23.46
20	50	49		23.07	23.09	23.17
20	100	0		22.83	22.81	22.88

LTE Band 26(Part 22) Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	24.85	24.89	24.92
1.4	1	2		24.65	24.66	24.70
1.4	1	5		24.42	24.41	24.49
1.4	3	0		24.15	24.21	24.26
1.4	3	1		23.85	23.98	24.04
1.4	3	2		23.63	23.72	23.79
1.4	6	0		23.40	23.51	23.53
1.4	1	0	16-QAM	24.58	24.63	24.64
1.4	1	2		24.32	24.40	24.37
1.4	1	5		24.05	24.17	24.16
1.4	3	0		23.76	23.93	23.94
1.4	3	1		23.50	23.67	23.65
1.4	3	2		23.29	23.43	23.37
1.4	6	0		23.06	23.18	23.13
3	1	0	QPSK	24.86	24.92	24.96
3	1	7		24.57	24.62	24.69
3	1	14		24.27	24.34	24.40
3	8	0		24.06	24.13	24.13
3	8	4		23.80	23.86	23.83
3	8	7		23.60	23.62	23.59
3	15	0		23.32	23.40	23.38
3	1	0	16-QAM	24.66	24.66	24.72
3	1	7		24.43	24.44	24.49
3	1	14		24.22	24.22	24.28
3	8	0		24.01	23.93	24.06
3	8	4		23.76	23.68	23.83
3	8	7		23.47	23.43	23.62
3	15	0		23.26	23.20	23.38

LTE Band 26(Part 22) Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	24.93	24.96	24.99
5	1	12		24.72	24.72	24.76
5	1	24		24.43	24.48	24.53
5	12	0		24.16	24.19	24.30
5	12	6		23.91	23.91	24.04
5	12	11		23.62	23.69	23.81
5	25	0		23.39	23.40	23.56
5	1	0	16-QAM	24.69	24.73	24.76
5	1	12		24.47	24.49	24.50
5	1	24		24.26	24.25	24.25
5	12	0		23.96	24.00	24.03
5	12	6		23.67	23.74	23.75
5	12	11		23.41	23.45	23.49
5	25	0		23.16	23.17	23.27
10	1	0	QPSK	24.99	25.01	25.03
10	1	24		24.77	24.71	24.74
10	1	49		24.48	24.47	24.52
10	25	0		24.23	24.22	24.23
10	25	12		24.01	24.00	24.00
10	25	24		23.80	23.80	23.79
10	50	0		23.59	23.54	23.59
10	1	0	16-QAM	24.70	24.77	24.73
10	1	24		24.41	24.54	24.53
10	1	49		24.19	24.30	24.28
10	25	0		23.99	24.03	24.02
10	25	12		23.71	23.80	23.75
10	25	24		23.47	23.54	23.53
10	50	0		23.17	23.29	23.24

LTE Band 26(Part 22) Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	25.12	25.19	25.23
15	1	37		24.83	24.90	24.94
15	1	74		24.58	24.67	24.70
15	36	0		24.29	24.42	24.44
15	36	18		24.03	24.16	24.23
15	36	39		23.73	23.95	23.95
15	75	0		23.52	23.70	23.70
15	1	0	16-QAM	24.91	24.92	24.95
15	1	38		24.65	24.70	24.68
15	1	75		24.39	24.49	24.47
15	36	0		24.16	24.24	24.17
15	36	18		23.88	24.04	23.93
15	36	39		23.67	23.75	23.68
15	75	0		23.44	23.45	23.45

LTE Band 26(Part 90) Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	24.35	24.89	24.93
1.4	1	2		24.06	24.61	24.65
1.4	1	5		23.78	24.38	24.40
1.4	3	0		23.49	24.14	24.11
1.4	3	1		23.27	23.92	23.82
1.4	3	2		23.02	23.63	23.59
1.4	6	0		22.74	23.40	23.35
1.4	1	0	16-QAM	24.08	24.66	24.71
1.4	1	2		23.78	24.42	24.49
1.4	1	5		23.51	24.21	24.21
1.4	3	0		23.23	23.98	23.91
1.4	3	1		22.98	23.75	23.66
1.4	3	2		22.74	23.49	23.43
1.4	6	0		22.54	23.28	23.22
3	1	0	QPSK	24.55	24.93	24.98
3	1	7		24.32	24.72	24.74
3	1	14		24.07	24.44	24.45
3	8	0		23.81	24.18	24.23
3	8	4		23.57	23.94	23.96
3	8	7		23.29	23.70	23.72
3	15	0		22.99	23.41	23.44
3	1	0	16-QAM	24.34	24.73	24.71
3	1	7		24.10	24.52	24.50
3	1	14		23.86	24.26	24.21
3	8	0		23.61	24.03	23.91
3	8	4		23.41	23.79	23.63
3	8	7		23.19	23.58	23.38
3	15	0		22.96	23.36	23.12

LTE Band 26(Part 90) Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	24.89	25.02	25.06
5	1	12		24.66	24.73	24.77
5	1	24		24.46	24.44	24.49
5	12	0		24.17	24.18	24.28
5	12	6		23.90	23.95	24.06
5	12	11		23.66	23.73	23.85
5	25	0		23.39	23.51	23.57
5	1	0	16-QAM	24.67	24.75	24.79
5	1	12		24.38	24.49	24.57
5	1	24		24.14	24.22	24.37
5	12	0		23.86	24.00	24.07
5	12	6		23.63	23.70	23.86
5	12	11		23.36	23.47	23.61
5	25	0		23.12	23.18	23.34
10	1	0	QPSK	N/A	25.23	N/A
10	1	24		N/A	24.93	N/A
10	1	49		N/A	24.67	N/A
10	25	0		N/A	24.40	N/A
10	25	12		N/A	24.15	N/A
10	25	24		N/A	23.92	N/A
10	50	0		N/A	23.65	N/A
10	1	0	16-QAM	N/A	24.94	N/A
10	1	24		N/A	24.64	N/A
10	1	49		N/A	24.41	N/A
10	25	0		N/A	24.14	N/A
10	25	12		N/A	23.86	N/A
10	25	24		N/A	23.61	N/A
10	50	0		N/A	23.37	N/A

LTE Band 41 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.35	23.42	23.52
5	1	12		23.08	23.13	23.26
5	1	24		22.81	22.90	22.99
5	12	0		22.53	22.64	22.73
5	12	6		22.24	22.39	22.43
5	12	11		21.98	22.17	22.20
5	25	0		21.70	21.96	21.96
5	1	0	16-QAM	23.09	23.16	23.26
5	1	12		22.83	22.94	23.02
5	1	24		22.57	22.64	22.82
5	12	0		22.31	22.43	22.53
5	12	6		22.11	22.22	22.33
5	12	11		21.83	21.98	22.12
5	25	0		21.55	21.69	21.89
10	1	0	QPSK	23.52	23.59	23.69
10	1	24		23.23	23.32	23.49
10	1	49		22.98	23.06	23.23
10	25	0		22.71	22.85	22.94
10	25	12		22.46	22.59	22.69
10	25	24		22.17	22.29	22.41
10	50	0		21.90	22.08	22.13
10	1	0	16-QAM	23.28	23.30	23.41
10	1	24		23.04	23.09	23.16
10	1	49		22.76	22.89	22.86
10	25	0		22.56	22.67	22.66
10	25	12		22.28	22.45	22.45
10	25	24		22.08	22.25	22.18
10	50	0		21.87	22.03	21.93

LTE Band 41 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.72	23.75	23.88
15	1	37		23.48	23.52	23.64
15	1	74		23.25	23.23	23.37
15	36	0		23.03	23.01	23.15
15	36	18		22.76	22.72	22.90
15	36	39		22.52	22.43	22.63
15	75	0		22.25	22.17	22.41
15	1	0	16-QAM	23.48	23.47	23.62
15	1	38		23.27	23.27	23.37
15	1	75		23.07	23.05	23.10
15	36	0		22.82	22.81	22.89
15	36	18		22.56	22.52	22.61
15	36	39		22.34	22.27	22.36
15	75	0		22.07	22.05	22.06
20	1	0	QPSK	24.22	24.23	24.35
20	1	49		23.98	23.94	24.10
20	1	99		23.70	23.65	23.80
20	50	0		23.42	23.44	23.55
20	50	24		23.20	23.21	23.26
20	50	49		22.95	23.00	23.01
20	100	0		22.70	22.72	22.79
20	1	0	16-QAM	23.98	23.93	24.09
20	1	49		23.72	23.65	23.86
20	1	99		23.43	23.35	23.57
20	50	0		23.22	23.07	23.30
20	50	24		22.96	22.83	23.02
20	50	49		22.67	22.61	22.73
20	100	0		22.45	22.38	22.46

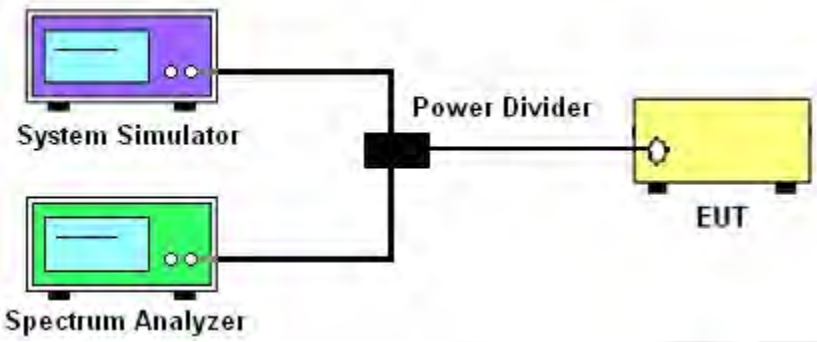
4. PEAK-TO-AVERAGE RATIO

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	3.3	4.85	4.63
20	100		5.17	5.5	5.43
20	1	16-QAM	4.53	5.51	5.36
20	100		5.84	6.23	6.06
Limit			≤13dB		

LTE Band 4 PAR [dBm]				
RB Size	Modulation	Lowest	Middle	Highest
		P-A	P-A	P-A
1	QPSK	4.09	5.68	4.78
100		5.58	5.34	5.88
1	16-QAM	4.6	5.73	5.5
100		6.17	6.14	6.67
Limit				≤13dB

LTE Band 5 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
10	1	QPSK	2.14	3.98	5.21
10	50		4.26	3.66	4.23
10	1	16-QAM	2.57	4.67	3.79
10	50		5.12	4.39	4.98
Limit			≤13dB		

LTE Band 7 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
20	1	QPSK	4.62	4.9	4.53
20	100		5.8	5.42	5.67
20	1	16-QAM	6.09	5.55	5.58
20	100		6.49	6.22	6.38
Limit			≤13dB		

LTE Band 12 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
10	1	QPSK	4.25	4.99	5.37
10	50		5.49	5.35	5.36
10	1	16-QAM	4.91	5.51	5.52
10	50		6.29	6.05	6.27
Limit			≤13dB		

LTE Band 17 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
10	1	QPSK	5.41	5.2	4.77
10	50		5.44	5.48	5.54
10	1	16-QAM	5.67	6.08	6.14
10	50		6.16	6.03	6.23
Limit			≤13dB		

LTE Band 17 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
10	1	QPSK	5.41	5.2	4.77
10	50		5.44	5.48	5.54
10	1	16-QAM	5.67	6.08	6.14
10	50		6.16	6.03	6.23
Limit			≤13dB		

LTE Band 25 PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
20	1	QPSK	4.17	3.57	4.24
20	100		5.3	5.75	5.51
20	1	16-QAM	5.05	4.08	4.56
20	100		5.95	6.42	6.19
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	4.05	5.56	4.97
15	75		5.89	5.36	5.59
15	1	16-QAM	4.18	6.17	5.78
15	75		6.31	5.97	6.1
Limit			≤13dB		

LTE Band 26(Part 90) PAR [dBm]			
BW [MHz]	RB Size	Modulation	Middle
			P-A
10	1	QPSK	5.47
10	50		5.1
10	1	16-QAM	6.31
10	50		5.75
Limit			≤13dB

LTE Band 41PAR [dBm]					
BW [MHz]	RB Size	Modulation	Lowest	Middle	Highest
			P-A	P-A	P-A
20	1	QPSK	5.11	4.65	4.59
20	100		5.97	6.67	5.72
20	1	16-QAM	6.38	5.24	5.08
20	100		6.4	6.83	7.86
Limit			≤13dB		

Note: Test chart See Appendix D

5. RADIATED POWER AND EFFECTIVE ISOTROPIC RADIATED POWER

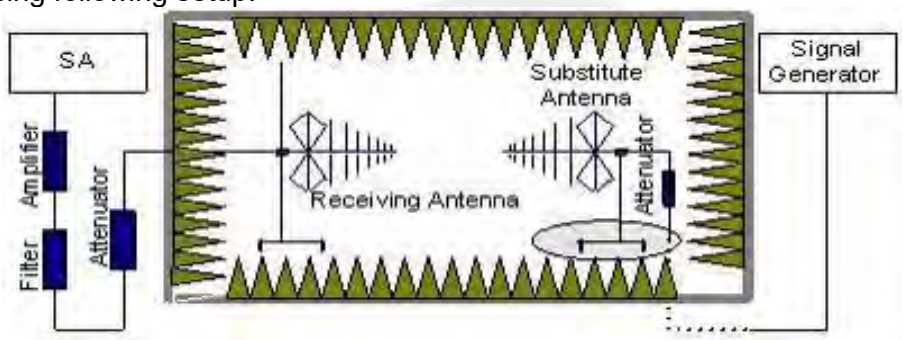
5.1 DESCRIPTION OF THE ERP/EIRP MEASUREMENT

5.1.1 MEASUREMENT METHOD

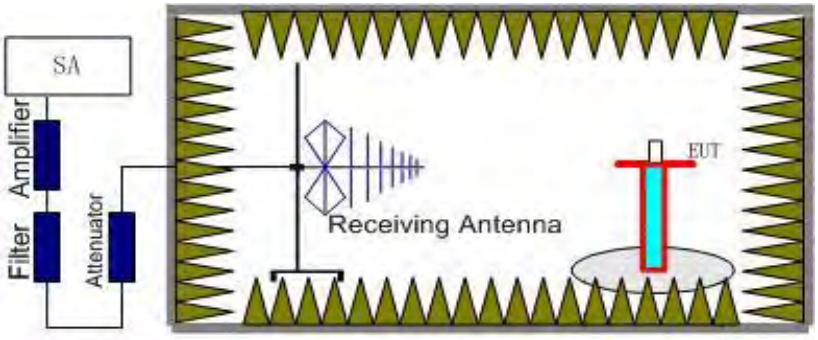
Effective radiated power output measurements by substitution method according to ANSI C63.26 2015, and the spectrum analyzer configuration follows KDB 971168 D01 Power Meas.
License Digital Systems. Mobile and portable (hand-held) stations operating are limited to average ERP, Equivalent isotropic radiated 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. EIRP=S.G Level+ Gain-Cable loss; ERP=S.G Level+ Gain-Cable loss-2.15.

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	13.33	2.37	10.40	21.36	Horizontal	Pass
	1	0	Middle	12.5	2.39	10.42	20.53	Horizontal	Pass
	1	0	Highest	11.86	2.40	10.44	19.90	Horizontal	Pass
	1	0	Lowest	14.71	2.37	10.40	22.74	Vertical	Pass
	1	0	Middle	13.81	2.39	10.42	21.84	Vertical	Pass
	1	0	Highest	13.33	2.40	10.44	21.37	Vertical	Pass
16QAM	1	0	Lowest	12.93	2.37	10.40	20.96	Horizontal	Pass
	1	0	Middle	12.29	2.39	10.42	20.32	Horizontal	Pass
	1	0	Highest	11.6	2.40	10.44	19.64	Horizontal	Pass
	1	0	Lowest	14.37	2.37	10.40	22.40	Vertical	Pass
	1	0	Middle	13.64	2.39	10.42	21.67	Vertical	Pass
	1	0	Highest	12.92	2.40	10.44	20.96	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	13.22	2.37	10.40	21.25	Horizontal	Pass
	1	0	Middle	12.59	2.39	10.42	20.62	Horizontal	Pass
	1	0	Highest	12.89	2.40	10.44	20.93	Horizontal	Pass
	1	0	Lowest	14.56	2.37	10.40	22.59	Vertical	Pass
	1	0	Middle	13.98	2.39	10.42	22.01	Vertical	Pass
	1	0	Highest	14.33	2.40	10.44	22.37	Vertical	Pass
16QAM	1	0	Lowest	13.03	2.37	10.40	21.06	Horizontal	Pass
	1	0	Middle	12.24	2.39	10.42	20.27	Horizontal	Pass
	1	0	Highest	12.61	2.40	10.44	20.65	Horizontal	Pass
	1	0	Lowest	14.46	2.37	10.40	22.49	Vertical	Pass
	1	0	Middle	13.55	2.39	10.42	21.58	Vertical	Pass
	1	0	Highest	14.09	2.40	10.44	22.13	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	13.22	2.37	10.40	21.25	Horizontal	Pass
	1	0	Middle	12.74	2.39	10.42	20.77	Horizontal	Pass
	1	0	Highest	13	2.40	10.44	21.04	Horizontal	Pass
	1	0	Lowest	14.65	2.37	10.40	22.68	Vertical	Pass
	1	0	Middle	14.05	2.39	10.42	22.08	Vertical	Pass
	1	0	Highest	14.33	2.40	10.44	22.37	Vertical	Pass
16QAM	1	0	Lowest	12.97	2.37	10.40	21.00	Horizontal	Pass
	1	0	Middle	12.42	2.39	10.42	20.45	Horizontal	Pass
	1	0	Highest	12.7	2.40	10.44	20.74	Horizontal	Pass
	1	0	Lowest	14.46	2.37	10.40	22.49	Vertical	Pass
	1	0	Middle	13.73	2.39	10.42	21.76	Vertical	Pass
	1	0	Highest	14.13	2.40	10.44	22.17	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	13.36	2.37	10.40	21.39	Horizontal	Pass
	1	0	Middle	12.67	2.39	10.42	20.70	Horizontal	Pass
	1	0	Highest	13.06	2.40	10.44	21.10	Horizontal	Pass
	1	0	Lowest	14.66	2.37	10.40	22.69	Vertical	Pass
	1	0	Middle	14.11	2.39	10.42	22.14	Vertical	Pass
	1	0	Highest	14.36	2.40	10.44	22.40	Vertical	Pass
16QAM	1	0	Lowest	12.98	2.37	10.40	21.01	Horizontal	Pass
	1	0	Middle	12.33	2.39	10.42	20.36	Horizontal	Pass
	1	0	Highest	12.79	2.40	10.44	20.83	Horizontal	Pass
	1	0	Lowest	14.46	2.37	10.40	22.49	Vertical	Pass
	1	0	Middle	13.75	2.39	10.42	21.78	Vertical	Pass
	1	0	Highest	14.22	2.40	10.44	22.26	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	13.33	2.37	10.40	21.36	Horizontal	Pass
	1	0	Middle	12.86	2.39	10.42	20.89	Horizontal	Pass
	1	0	Highest	13.07	2.40	10.44	21.11	Horizontal	Pass
	1	0	Lowest	14.79	2.37	10.40	22.82	Vertical	Pass
	1	0	Middle	14.22	2.39	10.42	22.25	Vertical	Pass
	1	0	Highest	14.55	2.40	10.44	22.59	Vertical	Pass
16QAM	1	0	Lowest	12.92	2.37	10.40	20.95	Horizontal	Pass
	1	0	Middle	12.73	2.39	10.42	20.76	Horizontal	Pass
	1	0	Highest	12.73	2.40	10.44	20.77	Horizontal	Pass
	1	0	Lowest	14.38	2.37	10.40	22.41	Vertical	Pass
	1	0	Middle	14.14	2.39	10.42	22.17	Vertical	Pass
	1	0	Highest	14.18	2.40	10.44	22.22	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	13.48	2.37	10.40	21.51	Horizontal	Pass
	1	0	Middle	13.4	2.39	10.42	21.43	Horizontal	Pass
	1	0	Highest	13.44	2.40	10.44	21.48	Horizontal	Pass
	1	0	Lowest	14.86	2.37	10.40	22.89	Vertical	Pass
	1	0	Middle	14.77	2.39	10.42	22.80	Vertical	Pass
	1	0	Highest	14.85	2.40	10.44	22.89	Vertical	Pass
16QAM	1	0	Lowest	13.29	2.37	10.40	21.32	Horizontal	Pass
	1	0	Middle	13.03	2.39	10.42	21.06	Horizontal	Pass
	1	0	Highest	13.02	2.40	10.44	21.06	Horizontal	Pass
	1	0	Lowest	14.68	2.37	10.40	22.71	Vertical	Pass
	1	0	Middle	14.38	2.39	10.42	22.41	Vertical	Pass
	1	0	Highest	14.44	2.40	10.44	22.48	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	13.33	2.35	10.13	21.11	Horizontal	Pass
	1	0	Middle	13.26	2.36	10.16	21.06	Horizontal	Pass
	1	0	Highest	13.5	2.37	10.22	21.35	Horizontal	Pass
	1	0	Lowest	14.8	2.35	10.13	22.58	Vertical	Pass
	1	0	Middle	14.76	2.36	10.16	22.56	Vertical	Pass
	1	0	Highest	14.84	2.37	10.22	22.69	Vertical	Pass
16QAM	1	0	Lowest	12.98	2.35	10.13	20.76	Horizontal	Pass
	1	0	Middle	13.03	2.36	10.16	20.83	Horizontal	Pass
	1	0	Highest	13.12	2.37	10.22	20.97	Horizontal	Pass
	1	0	Lowest	14.48	2.35	10.13	22.26	Vertical	Pass
	1	0	Middle	14.51	2.36	10.16	22.31	Vertical	Pass
	1	0	Highest	14.42	2.37	10.22	22.27	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	13.47	2.35	10.13	21.25	Horizontal	Pass
	1	0	Middle	13.36	2.36	10.16	21.16	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	14.81	2.36	10.16	22.61	Vertical	Pass
	1	0	Highest	14.87	2.37	10.22	22.72	Vertical	Pass
16QAM	1	0	Lowest	13.2	2.35	10.13	20.98	Horizontal	Pass
	1	0	Middle	13.11	2.36	10.16	20.91	Horizontal	Pass
	1	0	Highest	13.19	2.37	10.22	21.04	Horizontal	Pass
	1	0	Lowest	14.52	2.35	10.13	22.30	Vertical	Pass
	1	0	Middle	14.53	2.36	10.16	22.33	Vertical	Pass
	1	0	Highest	14.59	2.37	10.22	22.44	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	13.54	2.35	10.13	21.32	Horizontal	Pass
	1	0	Middle	13.52	2.36	10.16	21.32	Horizontal	Pass
	1	0	Highest	13.4	2.37	10.22	21.25	Horizontal	Pass
	1	0	Lowest	14.91	2.35	10.13	22.69	Vertical	Pass
	1	0	Middle	14.88	2.36	10.16	22.68	Vertical	Pass
	1	0	Highest	14.78	2.37	10.22	22.63	Vertical	Pass
16QAM	1	0	Lowest	13.23	2.35	10.13	21.01	Horizontal	Pass
	1	0	Middle	13.1	2.36	10.16	20.90	Horizontal	Pass
	1	0	Highest	13.14	2.37	10.22	20.99	Horizontal	Pass
	1	0	Lowest	14.67	2.35	10.13	22.45	Vertical	Pass
	1	0	Middle	14.54	2.36	10.16	22.34	Vertical	Pass
	1	0	Highest	14.5	2.37	10.22	22.35	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	13.78	2.35	10.13	21.56	Horizontal	Pass
	1	0	Middle	13.59	2.36	10.16	21.39	Horizontal	Pass
	1	0	Highest	13.53	2.37	10.22	21.38	Horizontal	Pass
	1	0	Lowest	15.17	2.35	10.13	22.95	Vertical	Pass
	1	0	Middle	15.03	2.36	10.16	22.83	Vertical	Pass
	1	0	Highest	14.95	2.37	10.22	22.80	Vertical	Pass
16QAM	1	0	Lowest	13.58	2.35	10.13	21.36	Horizontal	Pass
	1	0	Middle	13.32	2.36	10.16	21.12	Horizontal	Pass
	1	0	Highest	13.42	2.37	10.22	21.27	Horizontal	Pass
	1	0	Lowest	15	2.35	10.13	22.78	Vertical	Pass
	1	0	Middle	14.7	2.36	10.16	22.50	Vertical	Pass
	1	0	Highest	14.84	2.37	10.22	22.69	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	13.78	2.35	10.13	21.56	Horizontal	Pass
	1	0	Middle	13.62	2.36	10.16	21.42	Horizontal	Pass
	1	0	Highest	13.66	2.37	10.22	21.51	Horizontal	Pass
	1	0	Lowest	15.24	2.35	10.13	23.02	Vertical	Pass
	1	0	Middle	15.09	2.36	10.16	22.89	Vertical	Pass
	1	0	Highest	15.05	2.37	10.22	22.90	Vertical	Pass
16QAM	1	0	Lowest	13.66	2.35	10.13	21.44	Horizontal	Pass
	1	0	Middle	13.38	2.36	10.16	21.18	Horizontal	Pass
	1	0	Highest	13.5	2.37	10.22	21.35	Horizontal	Pass
	1	0	Lowest	15.05	2.35	10.13	22.83	Vertical	Pass
	1	0	Middle	14.81	2.36	10.16	22.61	Vertical	Pass
	1	0	Highest	14.87	2.37	10.22	22.72	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	14.26	2.35	10.13	22.04	Horizontal	Pass
	1	0	Middle	14.41	2.36	10.16	22.21	Horizontal	Pass
	1	0	Highest	14.04	2.37	10.22	21.89	Horizontal	Pass
	1	0	Lowest	15.74	2.35	10.13	23.52	Vertical	Pass
	1	0	Middle	15.87	2.36	10.16	23.67	Vertical	Pass
	1	0	Highest	15.53	2.37	10.22	23.38	Vertical	Pass
16QAM	1	0	Lowest	14.2	2.35	10.13	21.98	Horizontal	Pass
	1	0	Middle	14.23	2.36	10.16	22.03	Horizontal	Pass
	1	0	Highest	14.13	2.37	10.22	21.98	Horizontal	Pass
	1	0	Lowest	15.64	2.35	10.13	23.42	Vertical	Pass
	1	0	Middle	15.53	2.36	10.16	23.33	Vertical	Pass
	1	0	Highest	15.44	2.37	10.22	23.29	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	17.92	1.27	6.70	2.15	21.20	Horizontal		Pass
	1	0	Middle	17.81	1.28	6.70	2.15	21.08	Horizontal		Pass
	1	0	Highest	18.07	1.29	6.70	2.15	21.33	Horizontal		Pass
	1	0	Lowest	19.25	1.27	6.70	2.15	22.53	Vertical		Pass
	1	0	Middle	19.29	1.28	6.70	2.15	22.56	Vertical		Pass
	1	0	Highest	19.41	1.29	6.70	2.15	22.67	Vertical		Pass
16QAM	1	0	Lowest	17.61	1.27	6.70	2.15	20.89	Horizontal		Pass
	1	0	Middle	17.46	1.28	6.70	2.15	20.73	Horizontal		Pass
	1	0	Highest	17.64	1.29	6.70	2.15	20.90	Horizontal		Pass
	1	0	Lowest	19.02	1.27	6.70	2.15	22.30	Vertical		Pass
	1	0	Middle	18.91	1.28	6.70	2.15	22.18	Vertical		Pass
	1	0	Highest	19.07	1.29	6.70	2.15	22.33	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	18.04	1.27	6.70	2.15	21.32	Horizontal		Pass
	1	0	Middle	17.85	1.28	6.70	2.15	21.12	Horizontal		Pass
	1	0	Highest	17.89	1.29	6.70	2.15	21.15	Horizontal		Pass
	1	0	Lowest	19.46	1.27	6.70	2.15	22.74	Vertical		Pass
	1	0	Middle	19.27	1.28	6.70	2.15	22.54	Vertical		Pass
	1	0	Highest	19.36	1.29	6.70	2.15	22.62	Vertical		Pass
16QAM	1	0	Lowest	17.92	1.27	6.70	2.15	21.20	Horizontal		Pass
	1	0	Middle	17.69	1.28	6.70	2.15	20.96	Horizontal		Pass
	1	0	Highest	17.71	1.29	6.70	2.15	20.97	Horizontal		Pass
	1	0	Lowest	19.22	1.27	6.70	2.15	22.50	Vertical		Pass
	1	0	Middle	19.03	1.28	6.70	2.15	22.30	Vertical		Pass
	1	0	Highest	19.18	1.29	6.70	2.15	22.44	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	18.05	1.27	6.70	2.15	21.33	Horizontal		Pass
	1	0	Middle	18.07	1.28	6.70	2.15	21.34	Horizontal		Pass
	1	0	Highest	18.16	1.29	6.70	2.15	21.42	Horizontal		Pass
	1	0	Lowest	19.49	1.27	6.70	2.15	22.77	Vertical		Pass
	1	0	Middle	19.41	1.28	6.70	2.15	22.68	Vertical		Pass
	1	0	Highest	19.64	1.29	6.70	2.15	22.90	Vertical		Pass
16QAM	1	0	Lowest	17.89	1.27	6.70	2.15	21.17	Horizontal		Pass
	1	0	Middle	17.77	1.28	6.70	2.15	21.04	Horizontal		Pass
	1	0	Highest	17.94	1.29	6.70	2.15	21.20	Horizontal		Pass
	1	0	Lowest	19.26	1.27	6.70	2.15	22.54	Vertical		Pass
	1	0	Middle	19.17	1.28	6.70	2.15	22.44	Vertical		Pass
	1	0	Highest	19.31	1.29	6.70	2.15	22.57	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	18.57	1.27	6.70	2.15	21.85	Horizontal		Pass
	1	0	Middle	18.61	1.28	6.70	2.15	21.88	Horizontal		Pass
	1	0	Highest	18.72	1.29	6.70	2.15	21.98	Horizontal		Pass
	1	0	Lowest	19.93	1.27	6.70	2.15	23.21	Vertical		Pass
	1	0	Middle	20.09	1.28	6.70	2.15	23.36	Vertical		Pass
	1	0	Highest	20.1	1.29	6.70	2.15	23.36	Vertical		Pass
16QAM	1	0	Lowest	18.43	1.27	6.70	2.15	21.71	Horizontal		Pass
	1	0	Middle	18.33	1.28	6.70	2.15	21.60	Horizontal		Pass
	1	0	Highest	18.39	1.29	6.70	2.15	21.65	Horizontal		Pass
	1	0	Lowest	19.77	1.27	6.70	2.15	23.05	Vertical		Pass
	1	0	Middle	19.75	1.28	6.70	2.15	23.02	Vertical		Pass
	1	0	Highest	19.76	1.29	6.70	2.15	23.02	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	11.77	2.56	10.60	19.81	Horizontal	Pass
	1	0	Middle	11.89	2.67	10.65	19.87	Horizontal	Pass
	1	0	Highest	12	2.72	10.70	19.98	Horizontal	Pass
	1	0	Lowest	13.24	2.56	10.60	21.28	Vertical	Pass
	1	0	Middle	13.36	2.67	10.65	21.34	Vertical	Pass
	1	0	Highest	13.41	2.72	10.70	21.39	Vertical	Pass
16QAM	1	0	Lowest	11.57	2.56	10.60	19.61	Horizontal	Pass
	1	0	Middle	11.66	2.67	10.65	19.64	Horizontal	Pass
	1	0	Highest	11.81	2.72	10.70	19.79	Horizontal	Pass
	1	0	Lowest	12.88	2.56	10.60	20.92	Vertical	Pass
	1	0	Middle	13.16	2.67	10.65	21.14	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	11.96	2.56	10.60	20.00	Horizontal	Pass
	1	0	Middle	12.08	2.67	10.65	20.06	Horizontal	Pass
	1	0	Highest	12.2	2.72	10.70	20.18	Horizontal	Pass
	1	0	Lowest	13.38	2.56	10.60	21.42	Vertical	Pass
	1	0	Middle	13.43	2.67	10.65	21.41	Vertical	Pass
	1	0	Highest	13.53	2.72	10.70	21.51	Vertical	Pass
16QAM	1	0	Lowest	11.84	2.56	10.60	19.88	Horizontal	Pass
	1	0	Middle	11.93	2.67	10.65	19.91	Horizontal	Pass
	1	0	Highest	11.9	2.72	10.70	19.88	Horizontal	Pass
	1	0	Lowest	13.23	2.56	10.60	21.27	Vertical	Pass
	1	0	Middle	13.25	2.67	10.65	21.23	Vertical	Pass
	1	0	Highest	13.33	2.72	10.70	21.31	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	12.27	2.56	10.60	20.31	Horizontal	Pass
	1	0	Middle	12.51	2.67	10.65	20.49	Horizontal	Pass
	1	0	Highest	12.44	2.72	10.70	20.42	Horizontal	Pass
	1	0	Lowest	13.69	2.56	10.60	21.73	Vertical	Pass
	1	0	Middle	13.93	2.67	10.65	21.91	Vertical	Pass
	1	0	Highest	13.83	2.72	10.70	21.81	Vertical	Pass
16QAM	1	0	Lowest	12.09	2.56	10.60	20.13	Horizontal	Pass
	1	0	Middle	12.24	2.67	10.65	20.22	Horizontal	Pass
	1	0	Highest	12.39	2.72	10.70	20.37	Horizontal	Pass
	1	0	Lowest	13.46	2.56	10.60	21.50	Vertical	Pass
	1	0	Middle	13.74	2.67	10.65	21.72	Vertical	Pass
	1	0	Highest	13.75	2.72	10.70	21.73	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	13.21	2.56	10.60	21.25	Horizontal	Pass
	1	0	Middle	13.43	2.67	10.65	21.41	Horizontal	Pass
	1	0	Highest	13.25	2.72	10.70	21.23	Horizontal	Pass
	1	0	Lowest	14.61	2.56	10.60	22.65	Vertical	Pass
	1	0	Middle	14.77	2.67	10.65	22.75	Vertical	Pass
	1	0	Highest	14.7	2.72	10.70	22.68	Vertical	Pass
16QAM	1	0	Lowest	12.87	2.56	10.60	20.91	Horizontal	Pass
	1	0	Middle	13	2.67	10.65	20.98	Horizontal	Pass
	1	0	Highest	12.96	2.72	10.70	20.94	Horizontal	Pass
	1	0	Lowest	14.23	2.56	10.60	22.27	Vertical	Pass
	1	0	Middle	14.4	2.67	10.65	22.38	Vertical	Pass
	1	0	Highest	14.3	2.72	10.70	22.28	Vertical	Pass
Limit	EIRP<2W=33dBm								

Radiated Power (ERP) for LTE Band 12 / 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	19.24	1.21	6.40	2.15	22.28	Horizontal	Pass
	1	0	Middle	18.94	1.22	6.40	2.15	21.97	Horizontal	Pass
	1	0	Highest	19.01	1.23	6.40	2.15	22.03	Horizontal	Pass
	1	0	Lowest	20.56	1.21	6.40	2.15	23.60	Vertical	Pass
	1	0	Middle	20.37	1.22	6.40	2.15	23.40	Vertical	Pass
	1	0	Highest	20.5	1.23	6.40	2.15	23.52	Vertical	Pass
16QAM	1	0	Lowest	19.01	1.21	6.40	2.15	22.05	Horizontal	Pass
	1	0	Middle	18.47	1.22	6.40	2.15	21.50	Horizontal	Pass
	1	0	Highest	18.76	1.23	6.40	2.15	21.78	Horizontal	Pass
	1	0	Lowest	20.35	1.21	6.40	2.15	23.39	Vertical	Pass
	1	0	Middle	19.96	1.22	6.40	2.15	22.99	Vertical	Pass
	1	0	Highest	20.19	1.23	6.40	2.15	23.21	Vertical	Pass
Limit	ERP<3W=34.77dBm									

Radiated Power (ERP) for LTE Band 12 / 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	19.1	1.21	6.40	2.15	22.14	Horizontal	Pass
	1	0	Middle	19.24	1.22	6.40	2.15	22.27	Horizontal	Pass
	1	0	Highest	19.2	1.23	6.40	2.15	22.22	Horizontal	Pass
	1	0	Lowest	20.51	1.21	6.40	2.15	23.55	Vertical	Pass
	1	0	Middle	20.55	1.22	6.40	2.15	23.58	Vertical	Pass
	1	0	Highest	20.63	1.23	6.40	2.15	23.65	Vertical	Pass
16QAM	1	0	Lowest	18.79	1.21	6.40	2.15	21.83	Horizontal	Pass
	1	0	Middle	18.79	1.22	6.40	2.15	21.82	Horizontal	Pass
	1	0	Highest	19.08	1.23	6.40	2.15	22.10	Horizontal	Pass
	1	0	Lowest	20.25	1.21	6.40	2.15	23.29	Vertical	Pass
	1	0	Middle	20.23	1.22	6.40	2.15	23.26	Vertical	Pass
	1	0	Highest	20.4	1.23	6.40	2.15	23.42	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	19.3	1.21	6.40	2.15	22.34	Horizontal	Pass
	1	0	Middle	19.17	1.22	6.40	2.15	22.20	Horizontal	Pass
	1	0	Highest	19.22	1.23	6.40	2.15	22.24	Horizontal	Pass
	1	0	Lowest	20.63	1.21	6.40	2.15	23.67	Vertical	Pass
	1	0	Middle	20.67	1.22	6.40	2.15	23.70	Vertical	Pass
	1	0	Highest	20.69	1.23	6.40	2.15	23.71	Vertical	Pass
16QAM	1	0	Lowest	18.95	1.21	6.40	2.15	21.99	Horizontal	Pass
	1	0	Middle	18.92	1.22	6.40	2.15	21.95	Horizontal	Pass
	1	0	Highest	19.09	1.23	6.40	2.15	22.11	Horizontal	Pass
	1	0	Lowest	20.29	1.21	6.40	2.15	23.33	Vertical	Pass
	1	0	Middle	20.34	1.22	6.40	2.15	23.37	Vertical	Pass
	1	0	Highest	20.51	1.23	6.40	2.15	23.53	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	19.33	1.21	6.40	2.15	22.37	Horizontal	Pass
	1	0	Middle	19.5	1.22	6.40	2.15	22.53	Horizontal	Pass
	1	0	Highest	19.39	1.23	6.40	2.15	22.41	Horizontal	Pass
	1	0	Lowest	20.7	1.21	6.40	2.15	23.74	Vertical	Pass
	1	0	Middle	20.81	1.22	6.40	2.15	23.84	Vertical	Pass
	1	0	Highest	20.8	1.23	6.40	2.15	23.82	Vertical	Pass
16QAM	1	0	Lowest	19.04	1.21	6.40	2.15	22.08	Horizontal	Pass
	1	0	Middle	19.22	1.22	6.40	2.15	22.25	Horizontal	Pass
	1	0	Highest	19.15	1.23	6.40	2.15	22.17	Horizontal	Pass
	1	0	Lowest	20.42	1.21	6.40	2.15	23.46	Vertical	Pass
	1	0	Middle	20.65	1.22	6.40	2.15	23.68	Vertical	Pass
	1	0	Highest	20.6	1.23	6.40	2.15	23.62	Vertical	Pass
Limit	ERP<3W=34.77dBm									

Radiated Power (ERP) for LTE Band 13 / 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	17.44	1.21	6.40	2.15	20.48	Horizontal		Pass
	1	0	Middle	17.62	1.22	6.40	2.15	20.65	Horizontal		Pass
	1	0	Highest	17.51	1.23	6.40	2.15	20.53	Horizontal		Pass
	1	0	Lowest	18.93	1.21	6.40	2.15	21.97	Vertical		Pass
	1	0	Middle	19.02	1.22	6.40	2.15	22.05	Vertical		Pass
	1	0	Highest	18.97	1.23	6.40	2.15	21.99	Vertical		Pass
16QAM	1	0	Lowest	17.22	1.21	6.40	2.15	20.26	Horizontal		Pass
	1	0	Middle	17.29	1.22	6.40	2.15	20.32	Horizontal		Pass
	1	0	Highest	17.4	1.23	6.40	2.15	20.42	Horizontal		Pass
	1	0	Lowest	18.57	1.21	6.40	2.15	21.61	Vertical		Pass
	1	0	Middle	18.7	1.22	6.40	2.15	21.73	Vertical		Pass
	1	0	Highest	18.87	1.23	6.40	2.15	21.89	Vertical		Pass
Limit	ERP<3W=34.77dBm										

Radiated Power (ERP) for LTE Band 13 / 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	18.46	1.22	6.40	2.15	21.49	Horizontal		Pass
	1	0	Middle	19.83	1.22	6.40	2.15	22.86	Vertical		Pass
16QAM	1	0	Middle	18.13	1.22	6.40	2.15	21.16	Horizontal		Pass
	1	0	Middle	19.53	1.22	6.40	2.15	22.56	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	17.79	1.21	6.40	2.15	20.83	Horizontal	Pass
	1	0	Middle	17.97	1.22	6.40	2.15	21.00	Horizontal	Pass
	1	0	Highest	17.99	1.23	6.40	2.15	21.01	Horizontal	Pass
	1	0	Lowest	19.27	1.21	6.40	2.15	22.31	Vertical	Pass
	1	0	Middle	19.28	1.22	6.40	2.15	22.31	Vertical	Pass
	1	0	Highest	19.42	1.23	6.40	2.15	22.44	Vertical	Pass
16QAM	1	0	Lowest	17.5	1.21	6.40	2.15	20.54	Horizontal	Pass
	1	0	Middle	17.68	1.22	6.40	2.15	20.71	Horizontal	Pass
	1	0	Highest	17.66	1.23	6.40	2.15	20.68	Horizontal	Pass
	1	0	Lowest	18.92	1.21	6.40	2.15	21.96	Vertical	Pass
	1	0	Middle	19.04	1.22	6.40	2.15	22.07	Vertical	Pass
	1	0	Highest	19.03	1.23	6.40	2.15	22.05	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	18.37	1.21	6.40	2.15	21.41	Horizontal	Pass
	1	0	Middle	18.37	1.22	6.40	2.15	21.40	Horizontal	Pass
	1	0	Highest	18.41	1.23	6.40	2.15	21.43	Horizontal	Pass
	1	0	Lowest	19.79	1.21	6.40	2.15	22.83	Vertical	Pass
	1	0	Middle	19.77	1.22	6.40	2.15	22.80	Vertical	Pass
	1	0	Highest	19.86	1.23	6.40	2.15	22.88	Vertical	Pass
16QAM	1	0	Lowest	18.05	1.21	6.40	2.15	21.09	Horizontal	Pass
	1	0	Middle	18.16	1.22	6.40	2.15	21.19	Horizontal	Pass
	1	0	Highest	18.39	1.23	6.40	2.15	21.41	Horizontal	Pass
	1	0	Lowest	19.41	1.21	6.40	2.15	22.45	Vertical	Pass
	1	0	Middle	19.52	1.22	6.40	2.15	22.55	Vertical	Pass
	1	0	Highest	19.7	1.23	6.40	2.15	22.72	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	12.67	2.37	10.40	20.70	Horizontal	Pass
	1	0	Middle	12.66	2.39	10.42	20.69	Horizontal	Pass
	1	0	Highest	12.84	2.40	10.44	20.88	Horizontal	Pass
	1	0	Lowest	14.04	2.37	10.40	22.07	Vertical	Pass
	1	0	Middle	14.16	2.39	10.42	22.19	Vertical	Pass
	1	0	Highest	14.18	2.40	10.44	22.22	Vertical	Pass
16QAM	1	0	Lowest	12.36	2.37	10.40	20.39	Horizontal	Pass
	1	0	Middle	12.48	2.39	10.42	20.51	Horizontal	Pass
	1	0	Highest	12.55	2.40	10.44	20.59	Horizontal	Pass
	1	0	Lowest	13.75	2.37	10.40	21.78	Vertical	Pass
	1	0	Middle	13.86	2.39	10.42	21.89	Vertical	Pass
	1	0	Highest	13.94	2.40	10.44	21.98	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	12.8	2.37	10.40	20.83	Horizontal	Pass
	1	0	Middle	12.85	2.39	10.42	20.88	Horizontal	Pass
	1	0	Highest	12.97	2.40	10.44	21.01	Horizontal	Pass
	1	0	Lowest	14.3	2.37	10.40	22.33	Vertical	Pass
	1	0	Middle	14.25	2.39	10.42	22.28	Vertical	Pass
	1	0	Highest	14.43	2.40	10.44	22.47	Vertical	Pass
16QAM	1	0	Lowest	12.49	2.37	10.40	20.52	Horizontal	Pass
	1	0	Middle	12.58	2.39	10.42	20.61	Horizontal	Pass
	1	0	Highest	12.68	2.40	10.44	20.72	Horizontal	Pass
	1	0	Lowest	13.97	2.37	10.40	22.00	Vertical	Pass
	1	0	Middle	14.02	2.39	10.42	22.05	Vertical	Pass
	1	0	Highest	14.16	2.40	10.44	22.20	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	13.27	2.37	10.40	21.30	Horizontal	Pass
	1	0	Middle	13.3	2.39	10.42	21.33	Horizontal	Pass
	1	0	Highest	13.15	2.40	10.44	21.19	Horizontal	Pass
	1	0	Lowest	14.61	2.37	10.40	22.64	Vertical	Pass
	1	0	Middle	14.63	2.39	10.42	22.66	Vertical	Pass
	1	0	Highest	14.51	2.40	10.44	22.55	Vertical	Pass
16QAM	1	0	Lowest	12.84	2.37	10.40	20.87	Horizontal	Pass
	1	0	Middle	12.95	2.39	10.42	20.98	Horizontal	Pass
	1	0	Highest	12.79	2.40	10.44	20.83	Horizontal	Pass
	1	0	Lowest	14.33	2.37	10.40	22.36	Vertical	Pass
	1	0	Middle	14.34	2.39	10.42	22.37	Vertical	Pass
	1	0	Highest	14.21	2.40	10.44	22.25	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	13.3	2.37	10.40	21.33	Horizontal	Pass
	1	0	Middle	13.29	2.39	10.42	21.32	Horizontal	Pass
	1	0	Highest	13.39	2.40	10.44	21.43	Horizontal	Pass
	1	0	Lowest	14.64	2.37	10.40	22.67	Vertical	Pass
	1	0	Middle	14.68	2.39	10.42	22.71	Vertical	Pass
	1	0	Highest	14.72	2.40	10.44	22.76	Vertical	Pass
16QAM	1	0	Lowest	13.1	2.37	10.40	21.13	Horizontal	Pass
	1	0	Middle	12.92	2.39	10.42	20.95	Horizontal	Pass
	1	0	Highest	12.95	2.40	10.44	20.99	Horizontal	Pass
	1	0	Lowest	14.42	2.37	10.40	22.45	Vertical	Pass
	1	0	Middle	14.38	2.39	10.42	22.41	Vertical	Pass
	1	0	Highest	14.33	2.40	10.44	22.37	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	13.33	2.37	10.40	21.36	Horizontal	Pass
	1	0	Middle	13.48	2.39	10.42	21.51	Horizontal	Pass
	1	0	Highest	13.62	2.40	10.44	21.66	Horizontal	Pass
	1	0	Lowest	14.75	2.37	10.40	22.78	Vertical	Pass
	1	0	Middle	14.89	2.39	10.42	22.92	Vertical	Pass
	1	0	Highest	15.05	2.40	10.44	23.09	Vertical	Pass
16QAM	1	0	Lowest	13.08	2.37	10.40	21.11	Horizontal	Pass
	1	0	Middle	13.25	2.39	10.42	21.28	Horizontal	Pass
	1	0	Highest	13.25	2.40	10.44	21.29	Horizontal	Pass
	1	0	Lowest	14.57	2.37	10.40	22.60	Vertical	Pass
	1	0	Middle	14.65	2.39	10.42	22.68	Vertical	Pass
	1	0	Highest	14.71	2.40	10.44	22.75	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	13.87	2.37	10.40	21.90	Horizontal	Pass
	1	0	Middle	13.81	2.39	10.42	21.84	Horizontal	Pass
	1	0	Highest	13.98	2.40	10.44	22.02	Horizontal	Pass
	1	0	Lowest	15.23	2.37	10.40	23.26	Vertical	Pass
	1	0	Middle	15.25	2.39	10.42	23.28	Vertical	Pass
	1	0	Highest	15.34	2.40	10.44	23.38	Vertical	Pass
16QAM	1	0	Lowest	13.55	2.37	10.40	21.58	Horizontal	Pass
	1	0	Middle	13.64	2.39	10.42	21.67	Horizontal	Pass
	1	0	Highest	13.74	2.40	10.44	21.78	Horizontal	Pass
	1	0	Lowest	14.98	2.37	10.40	23.01	Vertical	Pass
	1	0	Middle	14.98	2.39	10.42	23.01	Vertical	Pass
	1	0	Highest	15.13	2.40	10.44	23.17	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	18.85	1.27	6.70	2.15	22.13	Horizontal	Pass
	1	0	Middle	18.86	1.28	6.70	2.15	22.13	Horizontal	Pass
	1	0	Highest	18.87	1.29	6.70	2.15	22.13	Horizontal	Pass
	1	0	Lowest	20.19	1.27	6.70	2.15	23.47	Vertical	Pass
	1	0	Middle	20.25	1.28	6.70	2.15	23.52	Vertical	Pass
	1	0	Highest	20.29	1.29	6.70	2.15	23.55	Vertical	Pass
16QAM	1	0	Lowest	18.59	1.27	6.70	2.15	21.87	Horizontal	Pass
	1	0	Middle	18.65	1.28	6.70	2.15	21.92	Horizontal	Pass
	1	0	Highest	18.69	1.29	6.70	2.15	21.95	Horizontal	Pass
	1	0	Lowest	19.98	1.27	6.70	2.15	23.26	Vertical	Pass
	1	0	Middle	20.06	1.28	6.70	2.15	23.33	Vertical	Pass
	1	0	Highest	19.99	1.29	6.70	2.15	23.25	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	19.06	1.27	6.70	2.15	22.34	Horizontal	Pass
	1	0	Middle	19.07	1.28	6.70	2.15	22.34	Horizontal	Pass
	1	0	Highest	19	1.29	6.70	2.15	22.26	Horizontal	Pass
	1	0	Lowest	20.36	1.27	6.70	2.15	23.64	Vertical	Pass
	1	0	Middle	20.4	1.28	6.70	2.15	23.67	Vertical	Pass
	1	0	Highest	20.39	1.29	6.70	2.15	23.65	Vertical	Pass
16QAM	1	0	Lowest	18.65	1.27	6.70	2.15	21.93	Horizontal	Pass
	1	0	Middle	18.51	1.28	6.70	2.15	21.78	Horizontal	Pass
	1	0	Highest	18.82	1.29	6.70	2.15	22.08	Horizontal	Pass
	1	0	Lowest	20.06	1.27	6.70	2.15	23.34	Vertical	Pass
	1	0	Middle	19.99	1.28	6.70	2.15	23.26	Vertical	Pass
	1	0	Highest	20.23	1.29	6.70	2.15	23.49	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	18.98	1.27	6.70	2.15	22.26	Horizontal	Pass
	1	0	Middle	18.94	1.28	6.70	2.15	22.21	Horizontal	Pass
	1	0	Highest	18.91	1.29	6.70	2.15	22.17	Horizontal	Pass
	1	0	Lowest	20.3	1.27	6.70	2.15	23.58	Vertical	Pass
	1	0	Middle	20.34	1.28	6.70	2.15	23.61	Vertical	Pass
	1	0	Highest	20.37	1.29	6.70	2.15	23.63	Vertical	Pass
16QAM	1	0	Lowest	18.86	1.27	6.70	2.15	22.14	Horizontal	Pass
	1	0	Middle	18.8	1.28	6.70	2.15	22.07	Horizontal	Pass
	1	0	Highest	18.72	1.29	6.70	2.15	21.98	Horizontal	Pass
	1	0	Lowest	20.2	1.27	6.70	2.15	23.48	Vertical	Pass
	1	0	Middle	20.19	1.28	6.70	2.15	23.46	Vertical	Pass
	1	0	Highest	20.19	1.29	6.70	2.15	23.45	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	18.91	1.27	6.70	2.15	22.19	Horizontal	Pass
	1	0	Middle	19.11	1.28	6.70	2.15	22.38	Horizontal	Pass
	1	0	Highest	19.14	1.29	6.70	2.15	22.40	Horizontal	Pass
	1	0	Lowest	20.37	1.27	6.70	2.15	23.65	Vertical	Pass
	1	0	Middle	20.42	1.28	6.70	2.15	23.69	Vertical	Pass
	1	0	Highest	20.56	1.29	6.70	2.15	23.82	Vertical	Pass
16QAM	1	0	Lowest	18.63	1.27	6.70	2.15	21.91	Horizontal	Pass
	1	0	Middle	18.94	1.28	6.70	2.15	22.21	Horizontal	Pass
	1	0	Highest	18.84	1.29	6.70	2.15	22.10	Horizontal	Pass
	1	0	Lowest	20.12	1.27	6.70	2.15	23.40	Vertical	Pass
	1	0	Middle	20.28	1.28	6.70	2.15	23.55	Vertical	Pass
	1	0	Highest	20.21	1.29	6.70	2.15	23.47	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	19.3	1.27	6.70	2.15	22.58	Horizontal	Pass
	1	0	Middle	19.22	1.28	6.70	2.15	22.49	Horizontal	Pass
	1	0	Highest	19.34	1.29	6.70	2.15	22.60	Horizontal	Pass
	1	0	Lowest	20.62	1.27	6.70	2.15	23.90	Vertical	Pass
	1	0	Middle	20.63	1.28	6.70	2.15	23.90	Vertical	Pass
	1	0	Highest	20.76	1.29	6.70	2.15	24.02	Vertical	Pass
16QAM	1	0	Lowest	19.01	1.27	6.70	2.15	22.29	Horizontal	Pass
	1	0	Middle	18.88	1.28	6.70	2.15	22.15	Horizontal	Pass
	1	0	Highest	19.12	1.29	6.70	2.15	22.38	Horizontal	Pass
	1	0	Lowest	20.42	1.27	6.70	2.15	23.70	Vertical	Pass
	1	0	Middle	20.32	1.28	6.70	2.15	23.59	Vertical	Pass
	1	0	Highest	20.48	1.29	6.70	2.15	23.74	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	18.27	1.27	6.70	2.15	21.55	Horizontal	Pass
	1	0	Middle	18.97	1.27	6.70	2.15	22.25	Horizontal	Pass
	1	0	Highest	18.95	1.27	6.70	2.15	22.23	Horizontal	Pass
	1	0	Lowest	19.75	1.27	6.70	2.15	23.03	Vertical	Pass
	1	0	Middle	20.36	1.27	6.70	2.15	23.64	Vertical	Pass
	1	0	Highest	20.27	1.27	6.70	2.15	23.55	Vertical	Pass
16QAM	1	0	Lowest	18.19	1.27	6.70	2.15	21.47	Horizontal	Pass
	1	0	Middle	18.69	1.27	6.70	2.15	21.97	Horizontal	Pass
	1	0	Highest	18.73	1.27	6.70	2.15	22.01	Horizontal	Pass
	1	0	Lowest	19.59	1.27	6.70	2.15	22.87	Vertical	Pass
	1	0	Middle	20.11	1.27	6.70	2.15	23.39	Vertical	Pass
	1	0	Highest	20.14	1.27	6.70	2.15	23.42	Vertical	Pass
Limit	ERP<100W=50dBm									

Radiated Power (ERP) for LTE Band 26(Part 90) / 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	18.66	1.27	6.70	2.15	21.94	Horizontal	Pass
	1	0	Middle	18.98	1.27	6.70	2.15	22.26	Horizontal	Pass
	1	0	Highest	19	1.27	6.70	2.15	22.28	Horizontal	Pass
	1	0	Lowest	20.03	1.27	6.70	2.15	23.31	Vertical	Pass
	1	0	Middle	20.45	1.27	6.70	2.15	23.73	Vertical	Pass
	1	0	Highest	20.43	1.27	6.70	2.15	23.71	Vertical	Pass
16QAM	1	0	Lowest	18.44	1.27	6.70	2.15	21.72	Horizontal	Pass
	1	0	Middle	18.75	1.27	6.70	2.15	22.03	Horizontal	Pass
	1	0	Highest	18.73	1.27	6.70	2.15	22.01	Horizontal	Pass
	1	0	Lowest	19.76	1.27	6.70	2.15	23.04	Vertical	Pass
	1	0	Middle	20.2	1.27	6.70	2.15	23.48	Vertical	Pass
	1	0	Highest	20.18	1.27	6.70	2.15	23.46	Vertical	Pass
Limit	ERP<100W=50dBm									

Radiated Power (ERP) for LTE Band 26(Part 90) / 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	18.96	1.27	6.70	2.15	22.24	Horizontal	Pass
	1	0	Middle	18.94	1.27	6.70	2.15	22.22	Horizontal	Pass
	1	0	Highest	19.02	1.27	6.70	2.15	22.30	Horizontal	Pass
	1	0	Lowest	20.28	1.27	6.70	2.15	23.56	Vertical	Pass
	1	0	Middle	20.38	1.27	6.70	2.15	23.66	Vertical	Pass
	1	0	Highest	20.41	1.27	6.70	2.15	23.69	Vertical	Pass
16QAM	1	0	Lowest	18.75	1.27	6.70	2.15	22.03	Horizontal	Pass
	1	0	Middle	18.82	1.27	6.70	2.15	22.10	Horizontal	Pass
	1	0	Highest	18.9	1.27	6.70	2.15	22.18	Horizontal	Pass
	1	0	Lowest	20.09	1.27	6.70	2.15	23.37	Vertical	Pass
	1	0	Middle	20.13	1.27	6.70	2.15	23.41	Vertical	Pass
	1	0	Highest	20.27	1.27	6.70	2.15	23.55	Vertical	Pass
Limit	ERP<100W=50dBm									

Radiated Power (ERP) for LTE Band 26(Part 90) / 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	19.41	1.27	6.70	2.15	22.69	Horizontal	Pass
	1	0	Middle	20.73	1.27	6.70	2.15	24.01	Vertical	Pass
16QAM	1	0	Middle	18.89	1.27	6.70	2.15	22.17	Horizontal	Pass
	1	0	Middle	20.21	1.27	6.70	2.15	23.49	Vertical	Pass
Limit	ERP<100W=50dBm									

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	12.61	2.56	10.60	20.65	Horizontal	Pass
	1	0	Middle	12.66	2.67	10.65	20.64	Horizontal	Pass
	1	0	Highest	12.97	2.72	10.70	20.95	Horizontal	Pass
	1	0	Lowest	14.06	2.56	10.60	22.10	Vertical	Pass
	1	0	Middle	14.14	2.67	10.65	22.12	Vertical	Pass
	1	0	Highest	14.34	2.72	10.70	22.32	Vertical	Pass
16QAM	1	0	Lowest	12.37	2.56	10.60	20.41	Horizontal	Pass
	1	0	Middle	12.57	2.67	10.65	20.55	Horizontal	Pass
	1	0	Highest	12.59	2.72	10.70	20.57	Horizontal	Pass
	1	0	Lowest	13.78	2.56	10.60	21.82	Vertical	Pass
	1	0	Middle	13.88	2.67	10.65	21.86	Vertical	Pass
	1	0	Highest	14.03	2.72	10.70	22.01	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	12.77	2.56	10.60	20.81	Horizontal	Pass
	1	0	Middle	12.98	2.67	10.65	20.96	Horizontal	Pass
	1	0	Highest	13.06	2.72	10.70	21.04	Horizontal	Pass
	1	0	Lowest	14.1	2.56	10.60	22.14	Vertical	Pass
	1	0	Middle	14.36	2.67	10.65	22.34	Vertical	Pass
	1	0	Highest	14.46	2.72	10.70	22.44	Vertical	Pass
16QAM	1	0	Lowest	12.65	2.56	10.60	20.69	Horizontal	Pass
	1	0	Middle	12.64	2.67	10.65	20.62	Horizontal	Pass
	1	0	Highest	12.58	2.72	10.70	20.56	Horizontal	Pass
	1	0	Lowest	14.03	2.56	10.60	22.07	Vertical	Pass
	1	0	Middle	14.1	2.67	10.65	22.08	Vertical	Pass
	1	0	Highest	14.05	2.72	10.70	22.03	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	12.95	2.56	10.60	20.99	Horizontal	Pass
	1	0	Middle	12.97	2.67	10.65	20.95	Horizontal	Pass
	1	0	Highest	13.15	2.72	10.70	21.13	Horizontal	Pass
	1	0	Lowest	14.45	2.56	10.60	22.49	Vertical	Pass
	1	0	Middle	14.43	2.67	10.65	22.41	Vertical	Pass
	1	0	Highest	14.58	2.72	10.70	22.56	Vertical	Pass
16QAM	1	0	Lowest	12.78	2.56	10.60	20.82	Horizontal	Pass
	1	0	Middle	12.84	2.67	10.65	20.82	Horizontal	Pass
	1	0	Highest	13.05	2.72	10.70	21.03	Horizontal	Pass
	1	0	Lowest	14.23	2.56	10.60	22.27	Vertical	Pass
	1	0	Middle	14.28	2.67	10.65	22.26	Vertical	Pass
	1	0	Highest	14.37	2.72	10.70	22.35	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	13.54	2.56	10.60	21.58	Horizontal	Pass
	1	0	Middle	13.53	2.67	10.65	21.51	Horizontal	Pass
	1	0	Highest	13.67	2.72	10.70	21.65	Horizontal	Pass
	1	0	Lowest	14.85	2.56	10.60	22.89	Vertical	Pass
	1	0	Middle	14.94	2.67	10.65	22.92	Vertical	Pass
	1	0	Highest	15.1	2.72	10.70	23.08	Vertical	Pass
16QAM	1	0	Lowest	13.26	2.56	10.60	21.30	Horizontal	Pass
	1	0	Middle	13.13	2.67	10.65	21.11	Horizontal	Pass
	1	0	Highest	13.39	2.72	10.70	21.37	Horizontal	Pass
	1	0	Lowest	14.71	2.56	10.60	22.75	Vertical	Pass
	1	0	Middle	14.58	2.67	10.65	22.56	Vertical	Pass
	1	0	Highest	14.75	2.72	10.70	22.73	Vertical	Pass
Limit	EIRP<2W=33dBm								

6. OCCUPIED BANDWIDTH

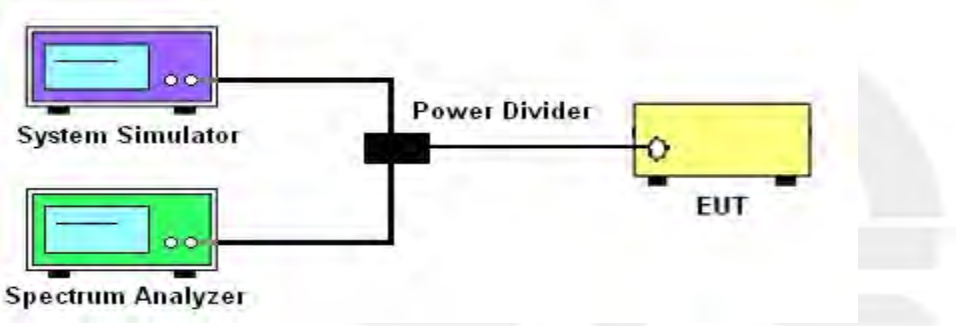
6.1 DESCRIPTION OF OCCUPIED BANDWIDTH MEASUREMENT

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	1.102	1.293	1.1	1.306	1.106	1.32
1.4	16-QAM	1.108	1.365	1.108	1.321	1.0991	1.384
3	QPSK	2.69	2.985	2.693	3.02	2.689	3.104
3	16-QAM	2.692	3.077	2.685	2.986	2.687	3.07
5	QPSK	4.538	5.289	4.518	5.27	4.512	5.427
5	16-QAM	4.552	5.364	4.534	5.328	4.545	5.446
10	QPSK	8.937	9.799	8.958	9.979	8.961	9.747
10	16-QAM	8.931	9.78	8.953	9.868	8.949	10
15	QPSK	13.45	15.15	13.508	15.54	13.553	15.42
15	16-QAM	13.48	14.92	13.539	15.21	13.544	14.86
20	QPSK	17.932	19.65	18.013	19.88	18.026	19.96
20	16-QAM	17.947	19.74	17.988	19.82	18.01	20.18
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	1.102	1.326	1.098	1.313	1.1068	1.346
1.4	16-QAM	1.109	1.409	1.11	1.298	1.104	1.383
3	QPSK	2.693	2.996	2.691	3.085	2.6913	2.979
3	16-QAM	2.687	3.04	2.692	3.099	2.686	3.002
5	QPSK	4.515	5.47	4.5381	5.234	4.522	5.211
5	16-QAM	4.544	5.519	4.542	5.415	4.533	5.308
10	QPSK	8.936	9.751	8.941	9.897	8.961	9.761
10	16-QAM	8.946	9.732	8.946	9.731	8.962	10.1
15	QPSK	13.459	15.2	13.494	15.81	13.531	15.47
15	16-QAM	13.498	14.98	13.514	15.21	13.52	14.97
20	QPSK	17.913	19.59	17.948	19.88	17.993	19.96
20	16-QAM	17.965	19.64	17.939	19.85	18.012	20.17
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	1.098	1.29	1.144	2.021	1.1	1.319
1.4	16-QAM	1.108	1.296	1.13	2.151	1.107	1.342
3	QPSK	2.69	2.992	2.724	5.028	2.694	3.311
3	16-QAM	2.692	3.11	2.71	4.144	2.691	3.418
5	QPSK	4.52	5.207	4.5602	7.243	4.545	6.198
5	16-QAM	4.539	5.264	4.574	8.162	4.5526	6.687
10	QPSK	8.95	10.13	8.969	13.97	8.959	10.81
10	16-QAM	8.958	9.766	8.952	11.76	8.958	10.04

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	4.518	5.248	4.514	5.326	4.527	5.317
5	16-QAM	4.532	5.309	4.549	5.353	4.554	5.402
10	QPSK	8.939	9.81	8.949	9.854	8.942	9.747
10	16-QAM	8.953	10.06	8.936	9.805	8.948	9.911
15	QPSK	13.529	15.53	13.502	15.31	13.454	15.26
15	16-QAM	13.54	15.32	13.5	14.91	13.486	14.9
20	QPSK	17.953	19.66	17.979	19.81	17.916	19.52
20	16-QAM	17.989	19.8	17.977	19.86	17.931	19.7

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	1.1	1.296	1.102	1.291	1.099	1.298
1.4	16-QAM	1.102	1.38	1.1089	1.398	1.108	1.299
3	QPSK	2.6915	3.003	2.693	2.987	2.69	3.085
3	16-QAM	2.693	3.074	2.685	2.989	2.688	3.064
5	QPSK	4.5259	5.289	4.514	5.367	4.534	5.349
5	16-QAM	4.531	5.322	4.546	5.509	4.562	5.531
10	QPSK	8.939	9.803	8.931	9.918	8.956	9.728
10	16-QAM	8.945	9.679	8.932	9.851	8.946	10.07

LTE Band 26 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
1.4	QPSK	1.1	1.3	1.1052	1.34	1.102	1.315
1.4	16-QAM	1.1	1.414	1.108	1.337	1.108	1.315
3	QPSK	2.69	3.035	2.692	2.978	2.689	3.006
3	16-QAM	2.6877	3.021	2.691	3.094	2.687	2.989
5	QPSK	4.517	5.211	4.504	5.16	4.512	5.314
5	16-QAM	4.515	5.297	4.535	5.333	4.529	5.337
10	QPSK	N/A	N/A	8.914	9.691	N/A	N/A
10	16-QAM	N/A	N/A	8.903	9.686	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	4.513	5.248	4.512	5.388	4.54	5.324
5	16-QAM	4.538	5.603	4.545	5.407	4.538	5.301
10	QPSK	8.921	9.722	8.932	9.862	8.947	9.71
10	16-QAM	8.922	9.749	8.936	9.786	8.95	9.939

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	1.097	1.309	1.106	1.322	1.1032	1.478
1.4	16-QAM	1.1	1.376	1.108	1.319	1.108	1.313
3	QPSK	2.693	3.02	2.689	3.094	2.69	2.987
3	16-QAM	2.688	2.991	2.6879	3.037	2.691	3.086
5	QPSK	4.519	5.206	4.517	5.502	4.525	5.294
5	16-QAM	4.544	5.374	4.52	5.355	4.527	5.252
10	QPSK	8.93	9.768	8.957	9.943	8.924	9.695
10	16-QAM	8.953	10.01	8.943	9.755	8.924	9.8
15	QPSK	13.446	15.14	13.531	15.64	13.491	15.06
15	16-QAM	13.497	14.92	13.5	14.93	13.504	15.15
20	QPSK	17.906	19.81	18.005	19.87	17.971	19.64
20	16-QAM	17.924	19.75	17.989	19.6	17.98	19.84
LTE Band 26 Bandwidth [MHz]							
BW [MHz]	Mode	Lowest		Middle		Highest	
		99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
1.4	QPSK	1.1049	1.315	1.1048	1.297	1.098	1.298
1.4	16-QAM	1.1088	1.362	1.11	1.364	1.0965	1.348
3	QPSK	2.6938	3.016	2.6873	3.1	2.6873	2.977
3	16-QAM	2.687	3.068	2.69	3.077	2.685	2.983
5	QPSK	4.5225	5.452	4.518	5.276	4.496	5.155
5	16-QAM	4.558	5.499	4.512	5.314	4.532	5.292
10	QPSK	8.948	9.733	8.923	9.82	8.959	9.737
10	16-QAM	8.959	9.964	8.922	9.749	8.943	9.741
15	QPSK	13.457	15.08	13.444	15.29	13.504	15.27
15	16-QAM	13.51	14.95	13.454	15.13	13.499	14.87
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	4.496	5.043	4.521	5.164	4.52	5.27
5	16-QAM	4.513	5.183	4.516	5.215	4.513	5.373
10	QPSK	8.944	9.939	8.943	9.868	8.954	9.891
10	16-QAM	8.931	9.671	8.934	10.03	8.949	9.752
15	QPSK	13.464	15.6	13.483	15.74	13.515	15.29
15	16-QAM	13.543	15.18	13.523	15.78	13.506	15
20	QPSK	17.921	19.84	17.928	19.7	17.943	19.61
20	16-QAM	17.92	19.53	17.962	19.72	17.926	19.82

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.

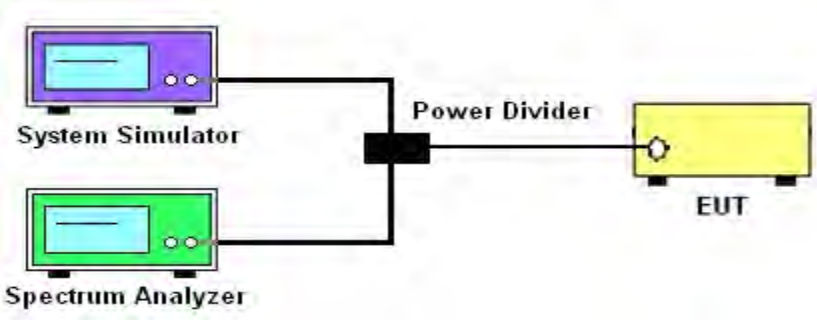
2. §24.238 (a)
For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent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

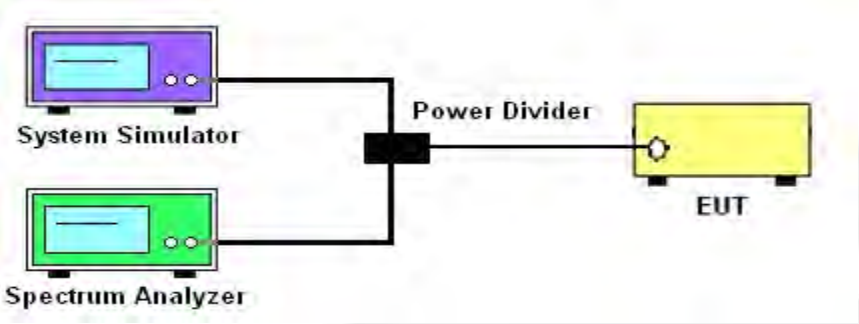
8. CONDUCTED SPURIOUS EMISSION

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

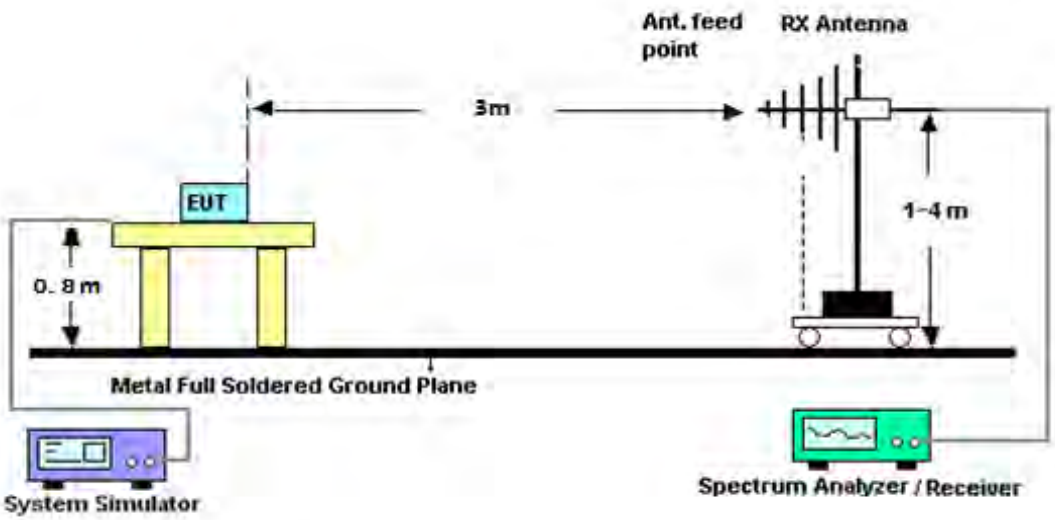
9.1 DESCRIPTION OF RADIATED SPURIOUS EMISSION

9.1.1 MEASUREMENT METHOD

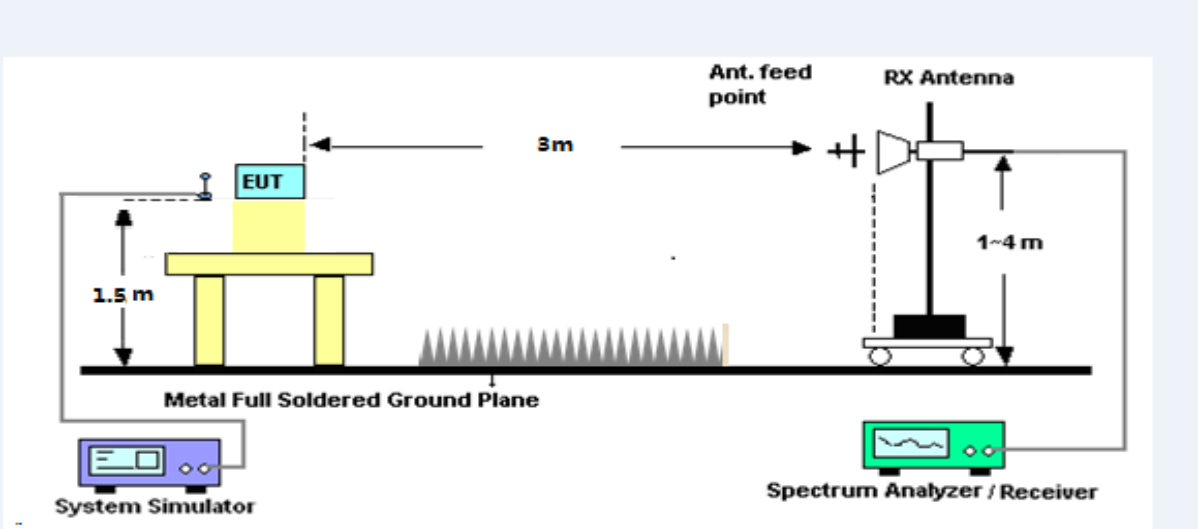
The radiated spurious emission was measured by substitution method according to ANSI C63.26 2015. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.
For Band 7 The power of any emission 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

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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
PMea=S.G Level+ Ant-Cable loss; Margin=PMea-Limit.

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
3701.16	-34.35	12.60	12.93	-34.68	-13.00	-21.68	H
5552.11	-34.91	13.10	17.11	-38.92	-13.00	-25.92	H
7402.69	-32.26	11.50	22.20	-42.96	-13.00	-29.96	H
3701.16	-34.77	12.60	12.93	-35.10	-13.00	-22.10	V
5552.11	-34.22	13.10	17.11	-38.23	-13.00	-25.23	V
7402.69	-32.33	11.50	22.20	-43.03	-13.00	-30.03	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
3760.11	-33.58	12.60	12.93	-33.91	-13.00	-20.91	H
5640.12	-34.27	13.10	17.11	-38.28	-13.00	-25.28	H
7520.05	-32.80	11.50	22.20	-43.50	-13.00	-30.50	H
3760.11	-34.74	12.60	12.93	-35.07	-13.00	-22.07	V
5640.12	-34.24	13.10	17.11	-38.25	-13.00	-25.25	V
7520.05	-32.32	11.50	22.20	-43.02	-13.00	-30.02	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
3818.50	-34.75	12.60	12.93	-35.08	-13.00	-22.08	H
5727.81	-35.24	13.10	17.11	-39.25	-13.00	-26.25	H
7637.00	-33.41	11.50	22.20	-44.11	-13.00	-31.11	H
3818.50	-35.29	12.60	12.93	-35.62	-13.00	-22.62	V
5727.81	-35.10	13.10	17.11	-39.11	-13.00	-26.11	V
7637.00	-33.04	11.50	22.20	-43.74	-13.00	-30.74	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
3703.15	-34.25	12.60	12.93	-34.58	-13.00	-21.58	H
5554.45	-34.62	13.10	17.11	-38.63	-13.00	-25.63	H
7406.12	-32.99	11.50	22.20	-43.69	-13.00	-30.69	H
3703.15	-35.97	12.60	12.93	-36.30	-13.00	-23.30	V
5554.45	-34.67	13.10	17.11	-38.68	-13.00	-25.68	V
7406.12	-32.24	11.50	22.20	-42.94	-13.00	-29.94	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
3760.13	-33.47	12.60	12.93	-33.80	-13.00	-20.80	H
5640.19	-34.80	13.10	17.11	-38.81	-13.00	-25.81	H
7519.85	-32.98	11.50	22.20	-43.68	-13.00	-30.68	H
3760.13	-35.41	12.60	12.93	-35.74	-13.00	-22.74	V
5640.19	-34.68	13.10	17.11	-38.69	-13.00	-25.69	V
7519.85	-32.62	11.50	22.20	-43.32	-13.00	-30.32	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
3817.06	-33.96	12.60	12.93	-34.29	-13.00	-21.29	H
5725.57	-34.70	13.10	17.11	-38.71	-13.00	-25.71	H
7634.04	-33.14	11.50	22.20	-43.84	-13.00	-30.84	H
3817.06	-35.90	12.60	12.93	-36.23	-13.00	-23.23	V
5725.57	-34.69	13.10	17.11	-38.70	-13.00	-25.70	V
7634.04	-32.03	11.50	22.20	-42.73	-13.00	-29.73	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
3705.33	-34.06	12.60	12.93	-34.39	-13.00	-21.39	H
5557.34	-34.18	13.10	17.11	-38.19	-13.00	-25.19	H
7409.97	-33.11	11.50	22.20	-43.81	-13.00	-30.81	H
3705.33	-35.09	12.60	12.93	-35.42	-13.00	-22.42	V
5557.34	-34.41	13.10	17.11	-38.42	-13.00	-25.42	V
7409.97	-32.13	11.50	22.20	-42.83	-13.00	-29.83	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
3760.01	-34.27	12.60	12.93	-34.60	-13.00	-21.60	H
5640.06	-34.97	13.10	17.11	-38.98	-13.00	-25.98	H
7520.30	-32.94	11.50	22.20	-43.64	-13.00	-30.64	H
3760.01	-35.53	12.60	12.93	-35.86	-13.00	-22.86	V
5640.06	-34.85	13.10	17.11	-38.86	-13.00	-25.86	V
7520.30	-32.22	11.50	22.20	-42.92	-13.00	-29.92	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
3815.24	-33.96	12.60	12.93	-34.29	-13.00	-21.29	H
5722.49	-34.34	13.10	17.11	-38.35	-13.00	-25.35	H
7630.10	-33.64	11.50	22.20	-44.34	-13.00	-31.34	H
3815.24	-35.47	12.60	12.93	-35.80	-13.00	-22.80	V
5722.49	-35.04	13.10	17.11	-39.05	-13.00	-26.05	V
7630.10	-33.16	11.50	22.20	-43.86	-13.00	-30.86	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
3710.38	-34.27	12.60	12.93	-34.60	-13.00	-21.60	H
5565.41	-34.24	13.10	17.11	-38.25	-13.00	-25.25	H
7420.11	-33.56	11.50	22.20	-44.26	-13.00	-31.26	H
3710.38	-34.68	12.60	12.93	-35.01	-13.00	-22.01	V
5565.41	-34.41	13.10	17.11	-38.42	-13.00	-25.42	V
7420.11	-33.20	11.50	22.20	-43.90	-13.00	-30.90	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
3759.89	-33.44	12.60	12.93	-33.77	-13.00	-20.77	H
5639.90	-34.52	13.10	17.11	-38.53	-13.00	-25.53	H
7520.00	-33.15	11.50	22.20	-43.85	-13.00	-30.85	H
3759.89	-35.92	12.60	12.93	-36.25	-13.00	-23.25	V
5639.90	-33.95	13.10	17.11	-37.96	-13.00	-24.96	V
7520.00	-33.17	11.50	22.20	-43.87	-13.00	-30.87	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
3810.01	-33.59	12.60	12.93	-33.92	-13.00	-20.92	H
5714.83	-34.97	13.10	17.11	-38.98	-13.00	-25.98	H
7620.29	-33.29	11.50	22.20	-43.99	-13.00	-30.99	H
3810.01	-34.97	12.60	12.93	-35.30	-13.00	-22.30	V
5714.83	-34.66	13.10	17.11	-38.67	-13.00	-25.67	V
7620.29	-31.79	11.50	22.20	-42.49	-13.00	-29.49	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
3715.17	-34.61	12.60	12.93	-34.94	-13.00	-21.94	H
5572.31	-35.23	13.10	17.11	-39.24	-13.00	-26.24	H
7430.72	-33.18	11.50	22.20	-43.88	-13.00	-30.88	H
3715.17	-35.33	12.60	12.93	-35.66	-13.00	-22.66	V
5572.31	-33.92	13.10	17.11	-37.93	-13.00	-24.93	V
7430.72	-32.27	11.50	22.20	-42.97	-13.00	-29.97	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
3760.18	-33.64	12.60	12.93	-33.97	-13.00	-20.97	H
5640.05	-35.01	13.10	17.11	-39.02	-13.00	-26.02	H
7520.23	-33.40	11.50	22.20	-44.10	-13.00	-31.10	H
3760.18	-34.86	12.60	12.93	-35.19	-13.00	-22.19	V
5640.05	-33.92	13.10	17.11	-37.93	-13.00	-24.93	V
7520.23	-32.72	11.50	22.20	-43.42	-13.00	-30.42	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
3805.10	-33.78	12.60	12.93	-34.11	-13.00	-21.11	H
5707.27	-35.36	13.10	17.11	-39.37	-13.00	-26.37	H
7610.20	-32.30	11.50	22.20	-43.00	-13.00	-30.00	H
3805.10	-35.06	12.60	12.93	-35.39	-13.00	-22.39	V
5707.27	-35.02	13.10	17.11	-39.03	-13.00	-26.03	V
7610.20	-32.29	11.50	22.20	-42.99	-13.00	-29.99	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
3720.14	-34.63	12.60	12.93	-34.96	-13.00	-21.96	H
5580.55	-35.41	13.10	17.11	-39.42	-13.00	-26.42	H
7439.68	-33.23	11.50	22.20	-43.93	-13.00	-30.93	H
3720.14	-34.96	12.60	12.93	-35.29	-13.00	-22.29	V
5580.55	-34.55	13.10	17.11	-38.56	-13.00	-25.56	V
7439.68	-32.24	11.50	22.20	-42.94	-13.00	-29.94	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
3759.87	-33.60	12.60	12.93	-33.93	-13.00	-20.93	H
5639.94	-34.72	13.10	17.11	-38.73	-13.00	-25.73	H
7520.17	-33.25	11.50	22.20	-43.95	-13.00	-30.95	H
3759.87	-35.50	12.60	12.93	-35.83	-13.00	-22.83	V
5639.94	-33.83	13.10	17.11	-37.84	-13.00	-24.84	V
7520.17	-31.99	11.50	22.20	-42.69	-13.00	-29.69	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
3799.95	-34.75	12.60	12.93	-35.08	-13.00	-22.08	H
5700.07	-35.38	13.10	17.11	-39.39	-13.00	-26.39	H
7599.88	-32.67	11.50	22.20	-43.37	-13.00	-30.37	H
3799.95	-34.75	12.60	12.93	-35.08	-13.00	-22.08	V
5700.07	-33.91	13.10	17.11	-37.92	-13.00	-24.92	V
7599.88	-32.36	11.50	22.20	-43.06	-13.00	-30.06	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
3421.30	-33.96	12.90	12.56	-33.62	-13.00	-20.62	H
5132.14	-34.11	13.10	16.32	-37.33	-13.00	-24.33	H
6842.40	-32.39	12.33	21.13	-41.19	-13.00	-28.19	H
3421.30	-35.95	12.90	12.56	-35.61	-13.00	-22.61	V
5132.14	-34.10	13.10	16.32	-37.32	-13.00	-24.32	V
6842.40	-32.24	12.33	21.13	-41.04	-13.00	-28.04	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
3464.65	-33.82	12.90	12.56	-33.48	-13.00	-20.48	H
5196.98	-34.14	13.10	16.32	-37.36	-13.00	-24.36	H
6929.94	-32.71	12.33	21.13	-41.51	-13.00	-28.51	H
3464.65	-34.58	12.90	12.56	-34.24	-13.00	-21.24	V
5196.98	-34.41	13.10	16.32	-37.63	-13.00	-24.63	V
6929.94	-32.33	12.33	21.13	-41.13	-13.00	-28.13	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
3508.34	-33.90	12.90	12.56	-33.56	-13.00	-20.56	H
5262.29	-35.05	13.10	16.32	-38.27	-13.00	-25.27	H
7015.52	-33.31	12.33	21.13	-42.11	-13.00	-29.11	H
3508.34	-35.32	12.90	12.56	-34.98	-13.00	-21.98	V
5262.29	-34.57	13.10	16.32	-37.79	-13.00	-24.79	V
7015.52	-32.35	12.33	21.13	-41.15	-13.00	-28.15	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
3423.82	-33.63	12.90	12.56	-33.29	-13.00	-20.29	H
5136.15	-34.49	13.10	16.32	-37.71	-13.00	-24.71	H
6848.74	-32.90	12.33	21.13	-41.70	-13.00	-28.70	H
3423.82	-35.29	12.90	12.56	-34.95	-13.00	-21.95	V
5136.15	-34.13	13.10	16.32	-37.35	-13.00	-24.35	V
6848.74	-31.71	12.33	21.13	-40.51	-13.00	-27.51	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
3464.95	-34.14	12.90	12.56	-33.80	-13.00	-20.80	H
5196.81	-34.87	13.10	16.32	-38.09	-13.00	-25.09	H
6930.12	-32.84	12.33	21.13	-41.64	-13.00	-28.64	H
3464.95	-35.08	12.90	12.56	-34.74	-13.00	-21.74	V
5196.81	-34.60	13.10	16.32	-37.82	-13.00	-24.82	V
6930.12	-32.30	12.33	21.13	-41.10	-13.00	-28.10	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
3505.87	-34.69	12.90	12.56	-34.35	-13.00	-21.35	H
5261.66	-34.14	13.10	16.32	-37.36	-13.00	-24.36	H
7012.50	-32.41	12.33	21.13	-41.21	-13.00	-28.21	H
3505.87	-35.43	12.90	12.56	-35.09	-13.00	-22.09	V
5261.66	-34.37	13.10	16.32	-37.59	-13.00	-24.59	V
7012.50	-32.62	12.33	21.13	-41.42	-13.00	-28.42	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
3424.73	-33.49	12.90	12.56	-33.15	-13.00	-20.15	H
5137.24	-34.84	13.10	16.32	-38.06	-13.00	-25.06	H
6849.68	-32.17	12.33	21.13	-40.97	-13.00	-27.97	H
3424.73	-35.39	12.90	12.56	-35.05	-13.00	-22.05	V
5137.24	-34.55	13.10	16.32	-37.77	-13.00	-24.77	V
6849.68	-32.66	12.33	21.13	-41.46	-13.00	-28.46	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
3464.69	-33.51	12.90	12.56	-33.17	-13.00	-20.17	H
5196.72	-34.52	13.10	16.32	-37.74	-13.00	-24.74	H
6929.82	-32.43	12.33	21.13	-41.23	-13.00	-28.23	H
3464.69	-34.95	12.90	12.56	-34.61	-13.00	-21.61	V
5196.72	-34.21	13.10	16.32	-37.43	-13.00	-24.43	V
6929.82	-32.00	12.33	21.13	-40.80	-13.00	-27.80	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
3504.97	-34.32	12.90	12.56	-33.98	-13.00	-20.98	H
5257.13	-34.57	13.10	16.32	-37.79	-13.00	-24.79	H
7009.93	-33.48	12.33	21.13	-42.28	-13.00	-29.28	H
3504.97	-35.90	12.90	12.56	-35.56	-13.00	-22.56	V
5257.13	-34.96	13.10	16.32	-38.18	-13.00	-25.18	V
7009.93	-31.94	12.33	21.13	-40.74	-13.00	-27.74	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
3429.96	-34.20	12.90	12.56	-33.86	-13.00	-20.86	H
5145.15	-34.54	13.10	16.32	-37.76	-13.00	-24.76	H
6860.37	-33.50	12.33	21.13	-42.30	-13.00	-29.30	H
3429.96	-34.98	12.90	12.56	-34.64	-13.00	-21.64	V
5145.15	-34.65	13.10	16.32	-37.87	-13.00	-24.87	V
6860.37	-32.98	12.33	21.13	-41.78	-13.00	-28.78	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
3464.46	-34.66	12.90	12.56	-34.32	-13.00	-21.32	H
5196.41	-34.12	13.10	16.32	-37.34	-13.00	-24.34	H
6929.76	-32.97	12.33	21.13	-41.77	-13.00	-28.77	H
3464.46	-35.04	12.90	12.56	-34.70	-13.00	-21.70	V
5196.41	-33.97	13.10	16.32	-37.19	-13.00	-24.19	V
6929.76	-33.11	12.33	21.13	-41.91	-13.00	-28.91	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
3500.51	-34.61	12.90	12.56	-34.27	-13.00	-21.27	H
5250.13	-34.45	13.10	16.32	-37.67	-13.00	-24.67	H
6999.83	-33.11	12.33	21.13	-41.91	-13.00	-28.91	H
3500.51	-35.89	12.90	12.56	-35.55	-13.00	-22.55	V
5250.13	-34.53	13.10	16.32	-37.75	-13.00	-24.75	V
6999.83	-32.41	12.33	21.13	-41.21	-13.00	-28.21	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
3434.83	-34.07	12.90	12.56	-33.73	-13.00	-20.73	H
5152.18	-34.75	13.10	16.32	-37.97	-13.00	-24.97	H
6870.37	-32.45	12.33	21.13	-41.25	-13.00	-28.25	H
3434.83	-34.69	12.90	12.56	-34.35	-13.00	-21.35	V
5152.18	-35.10	13.10	16.32	-38.32	-13.00	-25.32	V
6870.37	-32.38	12.33	21.13	-41.18	-13.00	-28.18	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
3464.79	-34.61	12.90	12.56	-34.27	-13.00	-21.27	H
5196.80	-35.10	13.10	16.32	-38.32	-13.00	-25.32	H
6929.72	-32.93	12.33	21.13	-41.73	-13.00	-28.73	H
3464.79	-34.66	12.90	12.56	-34.32	-13.00	-21.32	V
5196.80	-34.69	13.10	16.32	-37.91	-13.00	-24.91	V
6929.72	-32.34	12.33	21.13	-41.14	-13.00	-28.14	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
3495.23	-33.86	12.90	12.56	-33.52	-13.00	-20.52	H
5242.07	-34.44	13.10	16.32	-37.66	-13.00	-24.66	H
6990.32	-32.82	12.33	21.13	-41.62	-13.00	-28.62	H
3495.23	-34.72	12.90	12.56	-34.38	-13.00	-21.38	V
5242.07	-34.31	13.10	16.32	-37.53	-13.00	-24.53	V
6990.32	-32.50	12.33	21.13	-41.30	-13.00	-28.30	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
3440.31	-34.22	12.90	12.56	-33.88	-13.00	-20.88	H
5159.93	-34.81	13.10	16.32	-38.03	-13.00	-25.03	H
6880.69	-33.50	12.33	21.13	-42.30	-13.00	-29.30	H
3440.31	-35.05	12.90	12.56	-34.71	-13.00	-21.71	V
5159.93	-33.94	13.10	16.32	-37.16	-13.00	-24.16	V
6880.69	-32.91	12.33	21.13	-41.71	-13.00	-28.71	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
3464.64	-33.94	12.90	12.56	-33.60	-13.00	-20.60	H
5196.39	-35.48	13.10	16.32	-38.70	-13.00	-25.70	H
6929.81	-33.04	12.33	21.13	-41.84	-13.00	-28.84	H
3464.64	-34.89	12.90	12.56	-34.55	-13.00	-21.55	V
5196.39	-35.14	13.10	16.32	-38.36	-13.00	-25.36	V
6929.81	-32.81	12.33	21.13	-41.61	-13.00	-28.61	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
3490.38	-33.52	12.90	12.56	-33.18	-13.00	-20.18	H
5234.92	-35.40	13.10	16.32	-38.62	-13.00	-25.62	H
6979.77	-33.22	12.33	21.13	-42.02	-13.00	-29.02	H
3490.38	-35.21	12.90	12.56	-34.87	-13.00	-21.87	V
5234.92	-34.89	13.10	16.32	-38.11	-13.00	-25.11	V
6979.77	-33.02	12.33	21.13	-41.82	-13.00	-28.82	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
1648.64	-34.80	9.56	9.72	-34.96	-13.00	-21.96	H
2473.67	-35.02	10.50	10.86	-35.38	-13.00	-22.38	H
3298.52	-32.28	12.78	11.57	-31.07	-13.00	-18.07	H
1648.64	-35.46	9.56	9.72	-35.62	-13.00	-22.62	V
2473.67	-33.86	10.50	10.86	-34.22	-13.00	-21.22	V
3298.52	-32.28	12.78	11.57	-31.07	-13.00	-18.07	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
1672.70	-34.62	9.56	9.72	-34.78	-13.00	-21.78	H
2509.39	-34.02	10.50	10.86	-34.38	-13.00	-21.38	H
3345.54	-33.03	12.78	11.57	-31.82	-13.00	-18.82	H
1672.70	-35.62	9.56	9.72	-35.78	-13.00	-22.78	V
2509.39	-35.19	10.50	10.86	-35.55	-13.00	-22.55	V
3345.54	-32.60	12.78	11.57	-31.39	-13.00	-18.39	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
1696.19	-33.66	9.56	9.72	-33.82	-13.00	-20.82	H
2544.66	-34.39	10.50	10.86	-34.75	-13.00	-21.75	H
3393.04	-33.57	12.78	11.57	-32.36	-13.00	-19.36	H
1696.19	-34.62	9.56	9.72	-34.78	-13.00	-21.78	V
2544.66	-34.30	10.50	10.86	-34.66	-13.00	-21.66	V
3393.04	-32.49	12.78	11.57	-31.28	-13.00	-18.28	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
1650.31	-34.92	9.56	9.72	-35.08	-13.00	-22.08	H
2476.04	-35.33	10.50	10.86	-35.69	-13.00	-22.69	H
3301.55	-33.09	12.78	11.57	-31.88	-13.00	-18.88	H
1650.31	-35.84	9.56	9.72	-36.00	-13.00	-23.00	V
2476.04	-34.61	10.50	10.86	-34.97	-13.00	-21.97	V
3301.55	-33.03	12.78	11.57	-31.82	-13.00	-18.82	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
1672.31	-34.32	9.56	9.72	-34.48	-13.00	-21.48	H
2508.86	-35.06	10.50	10.86	-35.42	-13.00	-22.42	H
3345.77	-32.18	12.78	11.57	-30.97	-13.00	-17.97	H
1672.31	-35.51	9.56	9.72	-35.67	-13.00	-22.67	V
2508.86	-34.92	10.50	10.86	-35.28	-13.00	-22.28	V
3345.77	-32.54	12.78	11.57	-31.33	-13.00	-18.33	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
1694.69	-33.84	9.56	9.72	-34.00	-13.00	-21.00	H
2542.06	-35.06	10.50	10.86	-35.42	-13.00	-22.42	H
3389.35	-33.60	12.78	11.57	-32.39	-13.00	-19.39	H
1694.69	-35.62	9.56	9.72	-35.78	-13.00	-22.78	V
2542.06	-34.65	10.50	10.86	-35.01	-13.00	-22.01	V
3389.35	-32.77	12.78	11.57	-31.56	-13.00	-18.56	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
1652.54	-34.35	9.56	9.72	-34.51	-13.00	-21.51	H
2478.85	-34.91	10.50	10.86	-35.27	-13.00	-22.27	H
3305.48	-32.49	12.78	11.57	-31.28	-13.00	-18.28	H
1652.54	-35.99	9.56	9.72	-36.15	-13.00	-23.15	V
2478.85	-34.26	10.50	10.86	-34.62	-13.00	-21.62	V
3305.48	-32.73	12.78	11.57	-31.52	-13.00	-18.52	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
1672.13	-34.05	9.56	9.72	-34.21	-13.00	-21.21	H
2508.74	-34.03	10.50	10.86	-34.39	-13.00	-21.39	H
3345.51	-32.78	12.78	11.57	-31.57	-13.00	-18.57	H
1672.13	-34.86	9.56	9.72	-35.02	-13.00	-22.02	V
2508.74	-34.11	10.50	10.86	-34.47	-13.00	-21.47	V
3345.51	-31.72	12.78	11.57	-30.51	-13.00	-17.51	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
1692.17	-33.73	9.56	9.72	-33.89	-13.00	-20.89	H
2539.04	-34.21	10.50	10.86	-34.57	-13.00	-21.57	H
3385.87	-33.07	12.78	11.57	-31.86	-13.00	-18.86	H
1692.17	-35.40	9.56	9.72	-35.56	-13.00	-22.56	V
2539.04	-34.87	10.50	10.86	-35.23	-13.00	-22.23	V
3385.87	-31.96	12.78	11.57	-30.75	-13.00	-17.75	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
1657.60	-34.21	9.56	9.72	-34.37	-13.00	-21.37	H
2486.30	-35.37	10.50	10.86	-35.73	-13.00	-22.73	H
3315.01	-32.73	12.78	11.57	-31.52	-13.00	-18.52	H
1657.60	-34.64	9.56	9.72	-34.80	-13.00	-21.80	V
2486.30	-34.83	10.50	10.86	-35.19	-13.00	-22.19	V
3315.01	-32.92	12.78	11.57	-31.71	-13.00	-18.71	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
1672.19	-33.49	9.56	9.72	-33.65	-13.00	-20.65	H
2508.65	-34.05	10.50	10.86	-34.41	-13.00	-21.41	H
3345.48	-33.23	12.78	11.57	-32.02	-13.00	-19.02	H
1672.19	-35.08	9.56	9.72	-35.24	-13.00	-22.24	V
2508.65	-34.43	10.50	10.86	-34.79	-13.00	-21.79	V
3345.48	-32.41	12.78	11.57	-31.20	-13.00	-18.20	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
1687.55	-34.22	9.56	9.72	-34.38	-13.00	-21.38	H
2531.19	-35.33	10.50	10.86	-35.69	-13.00	-22.69	H
3375.70	-33.24	12.78	11.57	-32.03	-13.00	-19.03	H
1687.55	-34.54	9.56	9.72	-34.70	-13.00	-21.70	V
2531.19	-35.11	10.50	10.86	-35.47	-13.00	-22.47	V
3375.70	-32.18	12.78	11.57	-30.97	-13.00	-17.97	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
5005.20	-34.55	12.66	15.86	-37.75	-25.00	-12.75	H
7507.74	-34.41	11.46	19.28	-42.23	-25.00	-17.23	H
10010.36	-33.49	12.79	23.19	-43.89	-25.00	-18.89	H
5005.20	-35.46	12.66	15.86	-38.66	-25.00	-13.66	V
7507.74	-34.83	11.46	19.28	-42.65	-25.00	-17.65	V
10010.36	-32.12	12.79	23.19	-42.52	-25.00	-17.52	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
5069.70	-33.76	12.72	15.86	-36.90	-25.00	-11.90	H
7604.80	-34.25	11.46	19.28	-42.07	-25.00	-17.07	H
10139.65	-33.32	12.09	23.19	-44.42	-25.00	-19.42	H
5069.70	-35.37	12.72	15.86	-38.51	-25.00	-13.51	V
7604.80	-34.17	11.46	19.28	-41.99	-25.00	-16.99	V
10139.65	-32.00	12.09	23.19	-43.10	-25.00	-18.10	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
5133.64	-33.79	12.76	15.86	-36.89	-25.00	-11.89	H
7701.48	-35.48	11.45	19.28	-43.31	-25.00	-18.31	H
10268.50	-32.76	12.28	23.19	-43.67	-25.00	-18.67	H
5133.64	-34.66	12.76	15.86	-37.76	-25.00	-12.76	V
7701.48	-34.57	11.45	19.28	-42.40	-25.00	-17.40	V
10268.50	-32.47	12.28	23.19	-43.38	-25.00	-18.38	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
5010.38	-33.92	12.66	15.86	-37.12	-25.00	-12.12	H
7515.46	-34.91	11.46	19.28	-42.73	-25.00	-17.73	H
10020.57	-32.44	12.79	23.19	-42.84	-25.00	-17.84	H
5010.38	-34.78	12.66	15.86	-37.98	-25.00	-12.98	V
7515.46	-33.94	11.46	19.28	-41.76	-25.00	-16.76	V
10020.57	-31.77	12.79	23.19	-42.17	-25.00	-17.17	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
5069.64	-34.83	12.72	15.86	-37.97	-25.00	-12.97	H
7605.11	-34.97	11.46	19.28	-42.79	-25.00	-17.79	H
10139.63	-32.75	12.09	23.19	-43.85	-25.00	-18.85	H
5069.64	-35.70	12.72	15.86	-38.84	-25.00	-13.84	V
7605.11	-35.01	11.46	19.28	-42.83	-25.00	-17.83	V
10139.63	-32.14	12.09	23.19	-43.24	-25.00	-18.24	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
5129.21	-34.58	12.76	15.86	-37.68	-25.00	-12.68	H
7693.91	-34.95	11.45	19.28	-42.78	-25.00	-17.78	H
10258.90	-32.46	12.28	23.19	-43.37	-25.00	-18.37	H
5129.21	-34.68	12.76	15.86	-37.78	-25.00	-12.78	V
7693.91	-34.72	11.45	19.28	-42.55	-25.00	-17.55	V
10258.90	-31.74	12.28	23.19	-42.65	-25.00	-17.65	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
5015.47	-34.56	12.66	15.86	-37.76	-25.00	-12.76	H
7524.01	-35.08	11.46	19.28	-42.90	-25.00	-17.90	H
10031.93	-33.18	12.79	23.19	-43.58	-25.00	-18.58	H
5015.47	-35.68	12.66	15.86	-38.88	-25.00	-13.88	V
7524.01	-35.02	11.46	19.28	-42.84	-25.00	-17.84	V
10031.93	-32.17	12.79	23.19	-42.57	-25.00	-17.57	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
5069.59	-34.61	12.72	15.86	-37.75	-25.00	-12.75	H
7605.09	-35.27	11.46	19.28	-43.09	-25.00	-18.09	H
10139.61	-32.37	12.09	23.19	-43.47	-25.00	-18.47	H
5069.59	-36.00	12.72	15.86	-39.14	-25.00	-14.14	V
7605.09	-34.29	11.46	19.28	-42.11	-25.00	-17.11	V
10139.61	-33.10	12.09	23.19	-44.20	-25.00	-19.20	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
5123.07	-33.93	12.76	15.86	-37.03	-25.00	-12.03	H
7523.93	-34.52	11.45	19.28	-42.35	-25.00	-17.35	H
10032.26	-32.59	12.28	23.19	-43.50	-25.00	-18.50	H
5123.07	-34.98	12.76	15.86	-38.08	-25.00	-13.08	V
7523.93	-33.99	11.45	19.28	-41.82	-25.00	-16.82	V
10032.26	-33.00	12.28	23.19	-43.91	-25.00	-18.91	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
5021.04	-33.69	12.66	15.86	-36.89	-25.00	-11.89	H
7530.87	-34.28	11.46	19.28	-42.10	-25.00	-17.10	H
10258.54	-32.21	12.79	23.19	-42.61	-25.00	-17.61	H
5021.04	-34.83	12.66	15.86	-38.03	-25.00	-13.03	V
7530.87	-34.73	11.46	19.28	-42.55	-25.00	-17.55	V
10258.54	-32.65	12.79	23.19	-43.05	-25.00	-18.05	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
5069.87	-33.83	12.72	15.86	-36.97	-25.00	-11.97	H
7604.81	-35.46	11.46	19.28	-43.28	-25.00	-18.28	H
10139.93	-32.56	12.09	23.19	-43.66	-25.00	-18.66	H
5069.87	-34.53	12.72	15.86	-37.67	-25.00	-12.67	V
7604.81	-34.97	11.46	19.28	-42.79	-25.00	-17.79	V
10139.93	-33.01	12.09	23.19	-44.11	-25.00	-19.11	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
5118.91	-33.53	12.76	15.86	-36.63	-25.00	-11.63	H
7678.22	-35.35	11.45	19.28	-43.18	-25.00	-18.18	H
10237.97	-33.11	12.28	23.19	-44.02	-25.00	-19.02	H
5118.91	-34.70	12.76	15.86	-37.80	-25.00	-12.80	V
7678.22	-35.04	11.45	19.28	-42.87	-25.00	-17.87	V
10237.97	-31.80	12.28	23.19	-42.71	-25.00	-17.71	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
1399.22	-34.76	8.17	9.34	-35.93	-13.00	-22.93	H
2098.81	-34.15	9.53	10.42	-35.04	-13.00	-22.04	H
2798.48	-33.45	11.27	11.12	-33.30	-13.00	-20.30	H
1399.22	-34.60	8.17	9.34	-35.77	-13.00	-22.77	V
2098.81	-33.84	9.53	10.42	-34.73	-13.00	-21.73	V
2798.48	-31.90	11.27	11.12	-31.75	-13.00	-18.75	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
1414.85	-34.67	8.17	9.34	-35.84	-13.00	-22.84	H
2122.49	-35.12	9.53	10.42	-36.01	-13.00	-23.01	H
2829.85	-33.23	11.27	11.12	-33.08	-13.00	-20.08	H
1414.85	-35.99	8.17	9.34	-37.16	-13.00	-24.16	V
2122.49	-34.92	9.53	10.42	-35.81	-13.00	-22.81	V
2829.85	-31.83	11.27	11.12	-31.68	-13.00	-18.68	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
1430.45	-33.50	8.17	9.34	-34.67	-13.00	-21.67	H
2145.74	-34.47	9.53	10.42	-35.36	-13.00	-22.36	H
2861.00	-33.01	11.27	11.12	-32.86	-13.00	-19.86	H
1430.45	-35.72	8.17	9.34	-36.89	-13.00	-23.89	V
2145.74	-34.63	9.53	10.42	-35.52	-13.00	-22.52	V
2861.00	-32.45	11.27	11.12	-32.30	-13.00	-19.30	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
1400.54	-34.75	8.17	9.34	-35.92	-13.00	-22.92	H
2101.24	-34.69	9.53	10.42	-35.58	-13.00	-22.58	H
2801.71	-33.37	11.27	11.12	-33.22	-13.00	-20.22	H
1400.54	-35.86	8.17	9.34	-37.03	-13.00	-24.03	V
2101.24	-33.82	9.53	10.42	-34.71	-13.00	-21.71	V
2801.71	-33.15	11.27	11.12	-33.00	-13.00	-20.00	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
1414.56	-34.45	8.17	9.34	-35.62	-13.00	-22.62	H
2122.40	-34.67	9.53	10.42	-35.56	-13.00	-22.56	H
2829.50	-33.52	11.27	11.12	-33.37	-13.00	-20.37	H
1414.56	-34.57	8.17	9.34	-35.74	-13.00	-22.74	V
2122.40	-33.84	9.53	10.42	-34.73	-13.00	-21.73	V
2829.50	-32.79	11.27	11.12	-32.64	-13.00	-19.64	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
1428.92	-34.00	8.17	9.34	-35.17	-13.00	-22.17	H
2143.27	-34.28	9.53	10.42	-35.17	-13.00	-22.17	H
2857.96	-33.53	11.27	11.12	-33.38	-13.00	-20.38	H
1428.92	-35.31	8.17	9.34	-36.48	-13.00	-23.48	V
2143.27	-34.82	9.53	10.42	-35.71	-13.00	-22.71	V
2857.96	-31.99	11.27	11.12	-31.84	-13.00	-18.84	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
1402.75	-33.48	8.17	9.34	-34.65	-13.00	-21.65	H
2104.50	-35.03	9.53	10.42	-35.92	-13.00	-22.92	H
2805.57	-32.83	11.27	11.12	-32.68	-13.00	-19.68	H
1402.75	-34.69	8.17	9.34	-35.86	-13.00	-22.86	V
2104.50	-34.95	9.53	10.42	-35.84	-13.00	-22.84	V
2805.57	-31.88	11.27	11.12	-31.73	-13.00	-18.73	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
1414.95	-34.23	8.17	9.34	-35.40	-13.00	-22.40	H
2122.26	-35.06	9.53	10.42	-35.95	-13.00	-22.95	H
2829.65	-32.38	11.27	11.12	-32.23	-13.00	-19.23	H
1414.95	-35.16	8.17	9.34	-36.33	-13.00	-23.33	V
2122.26	-34.38	9.53	10.42	-35.27	-13.00	-22.27	V
2829.65	-32.91	11.27	11.12	-32.76	-13.00	-19.76	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
1426.81	-33.51	8.17	9.34	-34.68	-13.00	-21.68	H
2140.11	-35.41	9.53	10.42	-36.30	-13.00	-23.30	H
2853.97	-32.61	11.27	11.12	-32.46	-13.00	-19.46	H
1426.81	-35.59	8.17	9.34	-36.76	-13.00	-23.76	V
2140.11	-33.76	9.53	10.42	-34.65	-13.00	-21.65	V
2853.97	-32.06	11.27	11.12	-31.91	-13.00	-18.91	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
1407.80	-33.64	8.17	9.34	-34.81	-13.00	-21.81	H
2111.66	-34.58	9.53	10.42	-35.47	-13.00	-22.47	H
2815.60	-33.30	11.27	11.12	-33.15	-13.00	-20.15	H
1407.80	-35.41	8.17	9.34	-36.58	-13.00	-23.58	V
2111.66	-34.04	9.53	10.42	-34.93	-13.00	-21.93	V
2815.60	-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
1414.55	-33.66	8.17	9.34	-34.83	-13.00	-21.83	H
2122.12	-35.48	9.53	10.42	-36.37	-13.00	-23.37	H
2829.71	-33.41	11.27	11.12	-33.26	-13.00	-20.26	H
1414.55	-35.81	8.17	9.34	-36.98	-13.00	-23.98	V
2122.12	-34.73	9.53	10.42	-35.62	-13.00	-22.62	V
2829.71	-32.77	11.27	11.12	-32.62	-13.00	-19.62	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
1421.54	-33.60	8.17	9.34	-34.77	-13.00	-21.77	H
2132.68	-35.33	9.53	10.42	-36.22	-13.00	-23.22	H
2843.91	-33.48	11.27	11.12	-33.33	-13.00	-20.33	H
1421.54	-34.52	8.17	9.34	-35.69	-13.00	-22.69	V
2132.68	-34.66	9.53	10.42	-35.55	-13.00	-22.55	V
2843.91	-31.99	11.27	11.12	-31.84	-13.00	-18.84	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
1413.33	-33.45	8.17	9.34	-34.62	-13.00	-21.62	H
2120.51	-35.31	9.53	10.42	-36.20	-13.00	-23.20	H
2826.58	-32.41	11.27	11.12	-32.26	-13.00	-19.26	H
1413.33	-36.01	8.17	9.34	-37.18	-13.00	-24.18	V
2120.51	-34.09	9.53	10.42	-34.98	-13.00	-21.98	V
2826.58	-31.71	11.27	11.12	-31.56	-13.00	-18.56	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
1420.16	-33.60	8.17	9.34	-34.77	-13.00	-21.77	H
2130.20	-34.22	9.53	10.42	-35.11	-13.00	-22.11	H
2839.83	-33.32	11.27	11.12	-33.17	-13.00	-20.17	H
1420.16	-34.97	8.17	9.34	-36.14	-13.00	-23.14	V
2130.20	-34.34	9.53	10.42	-35.23	-13.00	-22.23	V
2839.83	-32.21	11.27	11.12	-32.06	-13.00	-19.06	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
1426.42	-34.28	8.17	9.34	-35.45	-13.00	-22.45	H
2139.29	-34.50	9.53	10.42	-35.39	-13.00	-22.39	H
2852.69	-32.89	11.27	11.12	-32.74	-13.00	-19.74	H
1426.42	-35.55	8.17	9.34	-36.72	-13.00	-23.72	V
2139.29	-34.36	9.53	10.42	-35.25	-13.00	-22.25	V
2852.69	-32.93	11.27	11.12	-32.78	-13.00	-19.78	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
1418.42	-34.68	8.17	9.34	-35.85	-13.00	-22.85	H
2127.19	-34.06	9.53	10.42	-34.95	-13.00	-21.95	H
2836.79	-33.37	11.27	11.12	-33.22	-13.00	-20.22	H
1418.42	-35.36	8.17	9.34	-36.53	-13.00	-23.53	V
2127.19	-33.82	9.53	10.42	-34.71	-13.00	-21.71	V
2836.79	-33.17	11.27	11.12	-33.02	-13.00	-20.02	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
1419.95	-33.62	8.17	9.34	-34.79	-13.00	-21.79	H
2129.91	-34.45	9.53	10.42	-35.34	-13.00	-22.34	H
2840.16	-32.85	11.27	11.12	-32.70	-13.00	-19.70	H
1419.95	-36.00	8.17	9.34	-37.17	-13.00	-24.17	V
2129.91	-34.49	9.53	10.42	-35.38	-13.00	-22.38	V
2840.16	-32.82	11.27	11.12	-32.67	-13.00	-19.67	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
1421.26	-34.88	8.17	9.34	-36.05	-13.00	-23.05	H
2131.86	-34.40	9.53	10.42	-35.29	-13.00	-22.29	H
2842.52	-33.59	11.27	11.12	-33.44	-13.00	-20.44	H
1421.26	-35.56	8.17	9.34	-36.73	-13.00	-23.73	V
2131.86	-34.34	9.53	10.42	-35.23	-13.00	-22.23	V
2842.52	-32.65	11.27	11.12	-32.50	-13.00	-19.50	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
3701.10	-34.83	12.60	12.93	-35.16	-13.00	-22.16	H
5552.17	-34.43	13.10	17.11	-38.44	-13.00	-25.44	H
7402.37	-32.24	11.50	22.20	-42.94	-13.00	-29.94	H
3701.10	-35.78	12.60	12.93	-36.11	-13.00	-23.11	V
5552.17	-34.64	13.10	17.11	-38.65	-13.00	-25.65	V
7402.37	-32.14	11.50	22.20	-42.84	-13.00	-29.84	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
3760.26	-34.17	12.60	12.93	-34.50	-13.00	-21.50	H
5639.90	-34.45	13.10	17.11	-38.46	-13.00	-25.46	H
7519.95	-33.53	11.50	22.20	-44.23	-13.00	-31.23	H
3760.26	-35.51	12.60	12.93	-35.84	-13.00	-22.84	V
5639.90	-34.25	13.10	17.11	-38.26	-13.00	-25.26	V
7519.95	-32.53	11.50	22.20	-43.23	-13.00	-30.23	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
3818.59	-33.45	12.60	12.93	-33.78	-13.00	-20.78	H
5727.71	-35.25	13.10	17.11	-39.26	-13.00	-26.26	H
7636.82	-32.68	11.50	22.20	-43.38	-13.00	-30.38	H
3818.59	-35.08	12.60	12.93	-35.41	-13.00	-22.41	V
5727.71	-34.70	13.10	17.11	-38.71	-13.00	-25.71	V
7636.82	-32.99	11.50	22.20	-43.69	-13.00	-30.69	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
3702.87	-34.85	12.60	12.93	-35.18	-13.00	-22.18	H
5554.58	-35.23	13.10	17.11	-39.24	-13.00	-26.24	H
7405.88	-33.28	11.50	22.20	-43.98	-13.00	-30.98	H
3702.87	-35.14	12.60	12.93	-35.47	-13.00	-22.47	V
5554.58	-34.23	13.10	17.11	-38.24	-13.00	-25.24	V
7405.88	-32.41	11.50	22.20	-43.11	-13.00	-30.11	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
3759.99	-33.77	12.60	12.93	-34.10	-13.00	-21.10	H
5640.24	-34.51	13.10	17.11	-38.52	-13.00	-25.52	H
7520.15	-33.27	11.50	22.20	-43.97	-13.00	-30.97	H
3759.99	-35.08	12.60	12.93	-35.41	-13.00	-22.41	V
5640.24	-34.60	13.10	17.11	-38.61	-13.00	-25.61	V
7520.15	-32.52	11.50	22.20	-43.22	-13.00	-30.22	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
3816.87	-34.01	12.60	12.93	-34.34	-13.00	-21.34	H
5725.40	-34.81	13.10	17.11	-38.82	-13.00	-25.82	H
7633.91	-32.46	11.50	22.20	-43.16	-13.00	-30.16	H
3816.87	-35.23	12.60	12.93	-35.56	-13.00	-22.56	V
5725.40	-34.77	13.10	17.11	-38.78	-13.00	-25.78	V
7633.91	-31.73	11.50	22.20	-42.43	-13.00	-29.43	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
3705.28	-33.48	12.60	12.93	-33.81	-13.00	-20.81	H
5557.45	-34.24	13.10	17.11	-38.25	-13.00	-25.25	H
7410.07	-32.81	11.50	22.20	-43.51	-13.00	-30.51	H
3705.28	-35.56	12.60	12.93	-35.89	-13.00	-22.89	V
5557.45	-34.29	13.10	17.11	-38.30	-13.00	-25.30	V
7410.07	-32.86	11.50	22.20	-43.56	-13.00	-30.56	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
3759.84	-34.76	12.60	12.93	-35.09	-13.00	-22.09	H
5640.24	-34.01	13.10	17.11	-38.02	-13.00	-25.02	H
7519.96	-32.55	11.50	22.20	-43.25	-13.00	-30.25	H
3759.84	-34.97	12.60	12.93	-35.30	-13.00	-22.30	V
5640.24	-34.15	13.10	17.11	-38.16	-13.00	-25.16	V
7519.96	-32.37	11.50	22.20	-43.07	-13.00	-30.07	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
3815.40	-34.58	12.60	12.93	-34.91	-13.00	-21.91	H
5722.14	-34.95	13.10	17.11	-38.96	-13.00	-25.96	H
7630.08	-32.16	11.50	22.20	-42.86	-13.00	-29.86	H
3815.40	-35.37	12.60	12.93	-35.70	-13.00	-22.70	V
5722.14	-34.40	13.10	17.11	-38.41	-13.00	-25.41	V
7630.08	-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 Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit （dBm）	Margin (dBm)	Polarity
3710.49	-33.81	12.60	12.93	-34.14	-13.00	-21.14	H
5565.48	-35.47	13.10	17.11	-39.48	-13.00	-26.48	H
7419.99	-32.91	11.50	22.20	-43.61	-13.00	-30.61	H
3710.49	-35.27	12.60	12.93	-35.60	-13.00	-22.60	V
5565.48	-33.84	13.10	17.11	-37.85	-13.00	-24.85	V
7419.99	-32.10	11.50	22.20	-42.80	-13.00	-29.80	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
3759.99	-34.02	12.60	12.93	-34.35	-13.00	-21.35	H
5639.97	-35.32	13.10	17.11	-39.33	-13.00	-26.33	H
7520.29	-32.69	11.50	22.20	-43.39	-13.00	-30.39	H
3759.99	-35.38	12.60	12.93	-35.71	-13.00	-22.71	V
5639.97	-34.76	13.10	17.11	-38.77	-13.00	-25.77	V
7520.29	-32.39	11.50	22.20	-43.09	-13.00	-30.09	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
3810.41	-34.33	12.60	12.93	-34.66	-13.00	-21.66	H
5715.05	-35.04	13.10	17.11	-39.05	-13.00	-26.05	H
7619.84	-32.85	11.50	22.20	-43.55	-13.00	-30.55	H
3810.41	-35.26	12.60	12.93	-35.59	-13.00	-22.59	V
5715.05	-34.25	13.10	17.11	-38.26	-13.00	-25.26	V
7619.84	-32.51	11.50	22.20	-43.21	-13.00	-30.21	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
3715.05	-34.03	12.60	12.93	-34.36	-13.00	-21.36	H
5572.31	-34.37	13.10	17.11	-38.38	-13.00	-25.38	H
7430.77	-32.36	11.50	22.20	-43.06	-13.00	-30.06	H
3715.05	-35.68	12.60	12.93	-36.01	-13.00	-23.01	V
5572.31	-34.98	13.10	17.11	-38.99	-13.00	-25.99	V
7430.77	-33.12	11.50	22.20	-43.82	-13.00	-30.82	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
3759.91	-34.81	12.60	12.93	-35.14	-13.00	-22.14	H
5640.03	-35.07	13.10	17.11	-39.08	-13.00	-26.08	H
7519.92	-32.38	11.50	22.20	-43.08	-13.00	-30.08	H
3759.91	-35.50	12.60	12.93	-35.83	-13.00	-22.83	V
5640.03	-34.51	13.10	17.11	-38.52	-13.00	-25.52	V
7519.92	-32.75	11.50	22.20	-43.45	-13.00	-30.45	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
3805.21	-34.65	12.60	12.93	-34.98	-13.00	-21.98	H
5707.28	-34.33	13.10	17.11	-38.34	-13.00	-25.34	H
7610.02	-32.75	11.50	22.20	-43.45	-13.00	-30.45	H
3805.21	-34.63	12.60	12.93	-34.96	-13.00	-21.96	V
5707.28	-34.38	13.10	17.11	-38.39	-13.00	-25.39	V
7610.02	-32.02	11.50	22.20	-42.72	-13.00	-29.72	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
3720.03	-34.75	12.60	12.93	-35.08	-13.00	-22.08	H
5580.27	-34.31	13.10	17.11	-38.32	-13.00	-25.32	H
7440.12	-33.61	11.50	22.20	-44.31	-13.00	-31.31	H
3720.03	-34.61	12.60	12.93	-34.94	-13.00	-21.94	V
5580.27	-33.99	13.10	17.11	-38.00	-13.00	-25.00	V
7440.12	-32.81	11.50	22.20	-43.51	-13.00	-30.51	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
3759.97	-34.67	12.60	12.93	-35.00	-13.00	-22.00	H
5639.90	-34.00	13.10	17.11	-38.01	-13.00	-25.01	H
7520.09	-32.97	11.50	22.20	-43.67	-13.00	-30.67	H
3759.97	-35.79	12.60	12.93	-36.12	-13.00	-23.12	V
5639.90	-33.96	13.10	17.11	-37.97	-13.00	-24.97	V
7520.09	-32.94	11.50	22.20	-43.64	-13.00	-30.64	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
3799.94	-33.99	12.60	12.93	-34.32	-13.00	-21.32	H
5699.74	-35.02	13.10	17.11	-39.03	-13.00	-26.03	H
7600.02	-32.42	11.50	22.20	-43.12	-13.00	-30.12	H
3799.94	-35.42	12.60	12.93	-35.75	-13.00	-22.75	V
5699.74	-34.67	13.10	17.11	-38.68	-13.00	-25.68	V
7600.02	-32.85	11.50	22.20	-43.55	-13.00	-30.55	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
1649.08	-34.60	9.56	9.72	-34.76	-13.00	-21.76	H
2473.21	-34.04	10.50	10.86	-34.40	-13.00	-21.40	H
3298.86	-32.35	12.78	11.57	-31.14	-13.00	-18.14	H
1649.08	-35.74	9.56	9.72	-35.90	-13.00	-22.90	V
2473.21	-34.32	10.50	10.86	-34.68	-13.00	-21.68	V
3298.86	-32.45	12.78	11.57	-31.24	-13.00	-18.24	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
1672.82	-34.04	9.56	9.72	-34.20	-13.00	-21.20	H
2509.09	-35.39	10.50	10.86	-35.75	-13.00	-22.75	H
3346.25	-32.88	12.78	11.57	-31.67	-13.00	-18.67	H
1672.82	-35.42	9.56	9.72	-35.58	-13.00	-22.58	V
2509.09	-33.86	10.50	10.86	-34.22	-13.00	-21.22	V
3346.25	-32.96	12.78	11.57	-31.75	-13.00	-18.75	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
1696.70	-34.27	9.56	9.72	-34.43	-13.00	-21.43	H
2544.91	-35.07	10.50	10.86	-35.43	-13.00	-22.43	H
3392.81	-32.15	12.78	11.57	-30.94	-13.00	-17.94	H
1696.70	-35.48	9.56	9.72	-35.64	-13.00	-22.64	V
2544.91	-34.04	10.50	10.86	-34.40	-13.00	-21.40	V
3392.81	-31.73	12.78	11.57	-30.52	-13.00	-17.52	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
1651.28	-34.59	9.56	9.72	-34.75	-13.00	-21.75	H
2476.25	-34.14	10.50	10.86	-34.50	-13.00	-21.50	H
3301.82	-32.61	12.78	11.57	-31.40	-13.00	-18.40	H
1651.28	-35.35	9.56	9.72	-35.51	-13.00	-22.51	V
2476.25	-33.98	10.50	10.86	-34.34	-13.00	-21.34	V
3301.82	-32.42	12.78	11.57	-31.21	-13.00	-18.21	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	-33.69	9.56	9.72	-33.85	-13.00	-20.85	H
2509.28	-35.26	10.50	10.86	-35.62	-13.00	-22.62	H
3346.17	-32.48	12.78	11.57	-31.27	-13.00	-18.27	H
1672.97	-35.53	9.56	9.72	-35.69	-13.00	-22.69	V
2509.28	-35.03	10.50	10.86	-35.39	-13.00	-22.39	V
3346.17	-32.35	12.78	11.57	-31.14	-13.00	-18.14	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
1695.49	-34.37	9.56	9.72	-34.53	-13.00	-21.53	H
2542.33	-34.90	10.50	10.86	-35.26	-13.00	-22.26	H
3390.16	-33.50	12.78	11.57	-32.29	-13.00	-19.29	H
1695.49	-34.89	9.56	9.72	-35.05	-13.00	-22.05	V
2542.33	-34.11	10.50	10.86	-34.47	-13.00	-21.47	V
3390.16	-31.90	12.78	11.57	-30.69	-13.00	-17.69	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
1652.98	-34.57	9.56	9.72	-34.73	-13.00	-21.73	H
2479.28	-35.42	10.50	10.86	-35.78	-13.00	-22.78	H
3306.77	-32.28	12.78	11.57	-31.07	-13.00	-18.07	H
1652.98	-34.56	9.56	9.72	-34.72	-13.00	-21.72	V
2479.28	-34.70	10.50	10.86	-35.06	-13.00	-22.06	V
3306.77	-32.72	12.78	11.57	-31.51	-13.00	-18.51	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
1672.99	-33.96	9.56	9.72	-34.12	-13.00	-21.12	H
2508.96	-34.87	10.50	10.86	-35.23	-13.00	-22.23	H
3346.03	-32.50	12.78	11.57	-31.29	-13.00	-18.29	H
1672.99	-35.63	9.56	9.72	-35.79	-13.00	-22.79	V
2508.96	-34.70	10.50	10.86	-35.06	-13.00	-22.06	V
3346.03	-31.98	12.78	11.57	-30.77	-13.00	-17.77	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
1693.64	-34.53	9.56	9.72	-34.69	-13.00	-21.69	H
2539.04	-34.73	10.50	10.86	-35.09	-13.00	-22.09	H
3386.09	-32.48	12.78	11.57	-31.27	-13.00	-18.27	H
1693.64	-35.50	9.56	9.72	-35.66	-13.00	-22.66	V
2539.04	-34.12	10.50	10.86	-34.48	-13.00	-21.48	V
3386.09	-32.45	12.78	11.57	-31.24	-13.00	-18.24	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
1658.12	-33.52	9.56	9.72	-33.68	-13.00	-20.68	H
2486.45	-34.31	10.50	10.86	-34.67	-13.00	-21.67	H
3315.73	-32.75	12.78	11.57	-31.54	-13.00	-18.54	H
1658.12	-35.18	9.56	9.72	-35.34	-13.00	-22.34	V
2486.45	-35.10	10.50	10.86	-35.46	-13.00	-22.46	V
3315.73	-32.57	12.78	11.57	-31.36	-13.00	-18.36	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
1673.04	-33.51	9.56	9.72	-33.67	-13.00	-20.67	H
2508.91	-34.29	10.50	10.86	-34.65	-13.00	-21.65	H
3345.83	-33.38	12.78	11.57	-32.17	-13.00	-19.17	H
1673.04	-35.88	9.56	9.72	-36.04	-13.00	-23.04	V
2508.91	-34.24	10.50	10.86	-34.60	-13.00	-21.60	V
3345.83	-32.26	12.78	11.57	-31.05	-13.00	-18.05	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
1688.37	-34.61	9.56	9.72	-34.77	-13.00	-21.77	H
2532.11	-34.61	10.50	10.86	-34.97	-13.00	-21.97	H
3376.08	-33.56	12.78	11.57	-32.35	-13.00	-19.35	H
1688.37	-34.56	9.56	9.72	-34.72	-13.00	-21.72	V
2532.11	-34.23	10.50	10.86	-34.59	-13.00	-21.59	V
3376.08	-33.06	12.78	11.57	-31.85	-13.00	-18.85	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
1663.16	-33.63	9.56	9.72	-33.79	-13.00	-20.79	H
2494.22	-35.04	10.50	10.86	-35.40	-13.00	-22.40	H
3325.86	-33.47	12.78	11.57	-32.26	-13.00	-19.26	H
1663.16	-35.89	9.56	9.72	-36.05	-13.00	-23.05	V
2494.22	-34.53	10.50	10.86	-34.89	-13.00	-21.89	V
3325.86	-31.97	12.78	11.57	-30.76	-13.00	-17.76	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
1673.11	-34.52	9.56	9.72	-34.68	-13.00	-21.68	H
2508.87	-34.13	10.50	10.86	-34.49	-13.00	-21.49	H
3346.11	-33.55	12.78	11.57	-32.34	-13.00	-19.34	H
1673.11	-35.08	9.56	9.72	-35.24	-13.00	-22.24	V
2508.87	-35.04	10.50	10.86	-35.40	-13.00	-22.40	V
3346.11	-32.83	12.78	11.57	-31.62	-13.00	-18.62	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
1683.66	-34.84	9.56	9.72	-35.00	-13.00	-22.00	H
2524.17	-34.24	10.50	10.86	-34.60	-13.00	-21.60	H
3366.41	-32.29	12.78	11.57	-31.08	-13.00	-18.08	H
1683.66	-35.66	9.56	9.72	-35.82	-13.00	-22.82	V
2524.17	-34.72	10.50	10.86	-35.08	-13.00	-22.08	V
3366.41	-32.72	12.78	11.57	-31.51	-13.00	-18.51	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
1649.02	-33.56	9.56	9.72	-33.72	-13.00	-20.72	H
2473.31	-35.07	10.50	10.86	-35.43	-13.00	-22.43	H
3298.73	-32.59	12.78	11.57	-31.38	-13.00	-18.38	H
1649.02	-34.64	9.56	9.72	-34.80	-13.00	-21.80	V
2473.31	-34.25	10.50	10.86	-34.61	-13.00	-21.61	V
3298.73	-32.41	12.78	11.57	-31.20	-13.00	-18.20	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
1672.90	-34.55	9.56	9.72	-34.71	-13.00	-21.71	H
2508.80	-34.41	10.50	10.86	-34.77	-13.00	-21.77	H
3346.17	-32.86	12.78	11.57	-31.65	-13.00	-18.65	H
1672.90	-35.56	9.56	9.72	-35.72	-13.00	-22.72	V
2508.80	-35.12	10.50	10.86	-35.48	-13.00	-22.48	V
3346.17	-32.65	12.78	11.57	-31.44	-13.00	-18.44	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
1696.62	-34.49	9.56	9.72	-34.65	-13.00	-21.65	H
2544.55	-34.25	10.50	10.86	-34.61	-13.00	-21.61	H
3393.03	-33.10	12.78	11.57	-31.89	-13.00	-18.89	H
1696.62	-35.79	9.56	9.72	-35.95	-13.00	-22.95	V
2544.55	-33.84	10.50	10.86	-34.20	-13.00	-21.20	V
3393.03	-32.51	12.78	11.57	-31.30	-13.00	-18.30	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
1651.08	-34.46	9.56	9.72	-34.62	-13.00	-21.62	H
2476.54	-35.25	10.50	10.86	-35.61	-13.00	-22.61	H
3301.61	-33.45	12.78	11.57	-32.24	-13.00	-19.24	H
1651.08	-34.67	9.56	9.72	-34.83	-13.00	-21.83	V
2476.54	-35.17	10.50	10.86	-35.53	-13.00	-22.53	V
3301.61	-32.00	12.78	11.57	-30.79	-13.00	-17.79	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
1673.10	-34.74	9.56	9.72	-34.90	-13.00	-21.90	H
2509.24	-34.08	10.50	10.86	-34.44	-13.00	-21.44	H
3345.99	-32.35	12.78	11.57	-31.14	-13.00	-18.14	H
1673.10	-35.72	9.56	9.72	-35.88	-13.00	-22.88	V
2509.24	-33.85	10.50	10.86	-34.21	-13.00	-21.21	V
3345.99	-31.90	12.78	11.57	-30.69	-13.00	-17.69	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
1695.78	-33.54	9.56	9.72	-33.70	-13.00	-20.70	H
2542.47	-34.00	10.50	10.86	-34.36	-13.00	-21.36	H
3389.96	-32.80	12.78	11.57	-31.59	-13.00	-18.59	H
1695.78	-35.83	9.56	9.72	-35.99	-13.00	-22.99	V
2542.47	-33.87	10.50	10.86	-34.23	-13.00	-21.23	V
3389.96	-32.52	12.78	11.57	-31.31	-13.00	-18.31	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
1652.62	-34.44	9.56	9.72	-34.60	-13.00	-21.60	H
2479.18	-34.83	10.50	10.86	-35.19	-13.00	-22.19	H
3306.53	-33.38	12.78	11.57	-32.17	-13.00	-19.17	H
1652.62	-35.46	9.56	9.72	-35.62	-13.00	-22.62	V
2479.18	-35.14	10.50	10.86	-35.50	-13.00	-22.50	V
3306.53	-32.03	12.78	11.57	-30.82	-13.00	-17.82	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
1672.85	-33.89	9.56	9.72	-34.05	-13.00	-21.05	H
2508.83	-34.55	10.50	10.86	-34.91	-13.00	-21.91	H
3345.81	-32.41	12.78	11.57	-31.20	-13.00	-18.20	H
1672.85	-35.60	9.56	9.72	-35.76	-13.00	-22.76	V
2508.83	-34.36	10.50	10.86	-34.72	-13.00	-21.72	V
3345.81	-32.45	12.78	11.57	-31.24	-13.00	-18.24	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
1693.47	-34.64	9.56	9.72	-34.80	-13.00	-21.80	H
2539.35	-34.30	10.50	10.86	-34.66	-13.00	-21.66	H
3385.92	-32.95	12.78	11.57	-31.74	-13.00	-18.74	H
1693.47	-35.83	9.56	9.72	-35.99	-13.00	-22.99	V
2539.35	-34.63	10.50	10.86	-34.99	-13.00	-21.99	V
3385.92	-33.19	12.78	11.57	-31.98	-13.00	-18.98	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
1663.19	-33.68	9.56	9.72	-33.84	-13.00	-20.84	H
2494.48	-34.73	10.50	10.86	-35.09	-13.00	-22.09	H
3325.74	-33.45	12.78	11.57	-32.24	-13.00	-19.24	H
1663.19	-35.27	9.56	9.72	-35.43	-13.00	-22.43	V
2494.48	-34.81	10.50	10.86	-35.17	-13.00	-22.17	V
3325.74	-32.86	12.78	11.57	-31.65	-13.00	-18.65	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
5115.11	-34.39	12.66	15.86	-37.59	-25.00	-12.59	H
7672.63	-34.04	11.46	19.28	-41.86	-25.00	-16.86	H
10230.21	-32.26	12.79	23.19	-42.66	-25.00	-17.66	H
5115.11	-35.04	12.66	15.86	-38.24	-25.00	-13.24	V
7672.63	-34.64	11.46	19.28	-42.46	-25.00	-17.46	V
10230.21	-32.28	12.79	23.19	-42.68	-25.00	-17.68	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
5209.82	-34.50	12.72	15.86	-37.64	-25.00	-12.64	H
7815.38	-35.02	11.46	19.28	-42.84	-25.00	-17.84	H
10420.33	-33.20	12.09	23.19	-44.30	-25.00	-19.30	H
5209.82	-35.32	12.72	15.86	-38.46	-25.00	-13.46	V
7815.38	-33.91	11.46	19.28	-41.73	-25.00	-16.73	V
10420.33	-33.07	12.09	23.19	-44.17	-25.00	-19.17	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
5304.79	-34.14	12.76	15.86	-37.24	-25.00	-12.24	H
7957.44	-34.62	11.45	19.28	-42.45	-25.00	-17.45	H
10610.01	-32.27	12.28	23.19	-43.18	-25.00	-18.18	H
5304.79	-35.68	12.76	15.86	-38.78	-25.00	-13.78	V
7957.44	-34.04	11.45	19.28	-41.87	-25.00	-16.87	V
10610.01	-32.55	12.28	23.19	-43.46	-25.00	-18.46	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
5119.89	-34.44	12.66	15.86	-37.64	-25.00	-12.64	H
7679.97	-35.39	11.46	19.28	-43.21	-25.00	-18.21	H
10240.12	-33.32	12.79	23.19	-43.72	-25.00	-18.72	H
5119.89	-35.17	12.66	15.86	-38.37	-25.00	-13.37	V
7679.97	-35.07	11.46	19.28	-42.89	-25.00	-17.89	V
10240.12	-32.73	12.79	23.19	-43.13	-25.00	-18.13	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
5209.81	-34.03	12.72	15.86	-37.17	-25.00	-12.17	H
7815.31	-35.46	11.46	19.28	-43.28	-25.00	-18.28	H
10420.21	-33.22	12.09	23.19	-44.32	-25.00	-19.32	H
5209.81	-35.89	12.72	15.86	-39.03	-25.00	-14.03	V
7815.31	-34.11	11.46	19.28	-41.93	-25.00	-16.93	V
10420.21	-31.82	12.09	23.19	-42.92	-25.00	-17.92	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
5300.04	-33.46	12.76	15.86	-36.56	-25.00	-11.56	H
7950.04	-34.19	11.45	19.28	-42.02	-25.00	-17.02	H
10600.10	-33.11	12.28	23.19	-44.02	-25.00	-19.02	H
5300.04	-35.54	12.76	15.86	-38.64	-25.00	-13.64	V
7950.04	-34.04	11.45	19.28	-41.87	-25.00	-16.87	V
10600.10	-32.37	12.28	23.19	-43.28	-25.00	-18.28	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
5124.84	-34.89	12.66	15.86	-38.09	-25.00	-13.09	H
7687.83	-35.29	11.46	19.28	-43.11	-25.00	-18.11	H
10250.37	-33.23	12.79	23.19	-43.63	-25.00	-18.63	H
5124.84	-35.33	12.66	15.86	-38.53	-25.00	-13.53	V
7687.83	-34.45	11.46	19.28	-42.27	-25.00	-17.27	V
10250.37	-32.43	12.79	23.19	-42.83	-25.00	-17.83	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
5209.97	-34.53	12.72	15.86	-37.67	-25.00	-12.67	H
7815.17	-34.66	11.46	19.28	-42.48	-25.00	-17.48	H
10419.99	-33.20	12.09	23.19	-44.30	-25.00	-19.30	H
5209.97	-35.04	12.72	15.86	-38.18	-25.00	-13.18	V
7815.17	-34.38	11.46	19.28	-42.20	-25.00	-17.20	V
10419.99	-32.38	12.09	23.19	-43.48	-25.00	-18.48	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
5298.00	-34.46	12.76	15.86	-37.56	-25.00	-12.56	H
7942.53	-35.32	11.45	19.28	-43.15	-25.00	-18.15	H
10590.07	-33.39	12.28	23.19	-44.30	-25.00	-19.30	H
5298.00	-34.54	12.76	15.86	-37.64	-25.00	-12.64	V
7942.53	-33.78	11.45	19.28	-41.61	-25.00	-16.61	V
10590.07	-31.92	12.28	23.19	-42.83	-25.00	-17.83	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
5129.85	-33.72	12.66	15.86	-36.92	-25.00	-11.92	H
7694.81	-34.06	11.46	19.28	-41.88	-25.00	-16.88	H
10260.22	-32.94	12.79	23.19	-43.34	-25.00	-18.34	H
5129.85	-35.37	12.66	15.86	-38.57	-25.00	-13.57	V
7694.81	-34.12	11.46	19.28	-41.94	-25.00	-16.94	V
10260.22	-32.63	12.79	23.19	-43.03	-25.00	-18.03	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
5210.08	-33.87	12.72	15.86	-37.01	-25.00	-12.01	H
7815.15	-34.98	11.46	19.28	-42.80	-25.00	-17.80	H
10420.02	-32.83	12.09	23.19	-43.93	-25.00	-18.93	H
5210.08	-35.92	12.72	15.86	-39.06	-25.00	-14.06	V
7815.15	-35.15	11.46	19.28	-42.97	-25.00	-17.97	V
10420.02	-32.16	12.09	23.19	-43.26	-25.00	-18.26	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
5290.10	-34.00	12.76	15.86	-37.10	-25.00	-12.10	H
7935.05	-35.10	11.45	19.28	-42.93	-25.00	-17.93	H
10579.97	-32.89	12.28	23.19	-43.80	-25.00	-18.80	H
5290.10	-34.59	12.76	15.86	-37.69	-25.00	-12.69	V
7935.05	-34.60	11.45	19.28	-42.43	-25.00	-17.43	V
10579.97	-32.31	12.28	23.19	-43.22	-25.00	-18.22	V

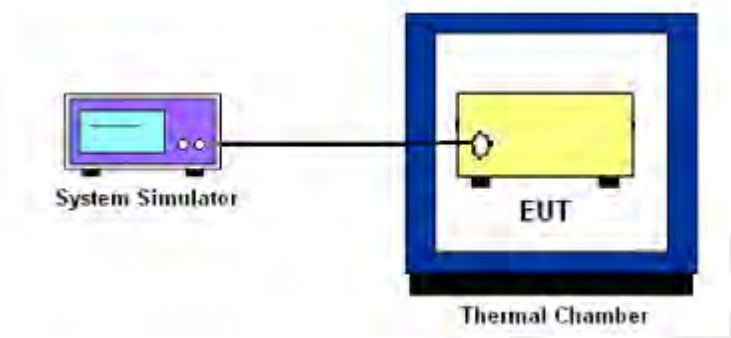
10. FREQUENCY STABILITY

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 (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	26.51	0.014	2.5ppm	PASS
40		35.48	0.019		
30		24.77	0.013		
20		27.35	0.015		
10		31.72	0.017		
0		30.81	0.016		
-10		27.75	0.015		
-20		34.68	0.018		
-30		32.37	0.017		
20	Maximum Voltage	29.08	0.015		
20	BEP	33.89	0.018		

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	29.57	0.016	2.5ppm	PASS
40		16.48	0.009		
30		35.96	0.019		
20		26.80	0.014		
10		16.64	0.009		
0		29.11	0.015		
-10		22.53	0.012		
-20		20.12	0.011		
-30		16.31	0.009		
20	Maximum Voltage	25.84	0.014		
20	BEP	17.76	0.009		

LTE Band 4 (QPSK) / 1733MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	19.92	0.011	2.5ppm	PASS
40		29.81	0.017		
30		19.20	0.011		
20		12.82	0.007		
10		26.16	0.015		
0		20.34	0.012		
-10		25.72	0.015		
-20		31.35	0.018		
-30		15.45	0.009		
20	Maximum Voltage	19.94	0.012		
20	BEP	28.54	0.016		

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	25.03	0.014	2.5ppm	PASS
40		33.53	0.019		
30		19.58	0.011		
20		23.61	0.014		
10		36.06	0.021		
0		25.72	0.015		
-10		20.01	0.012		
-20		14.28	0.008		
-30		25.16	0.015		
20	Maximum Voltage	24.20	0.014		
20	BEP	26.14	0.015		

LTE Band 5 (QPSK) / 836.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	25.85	0.036	2.5ppm	PASS
40		15.89	0.022		
30		26.17	0.037		
20		18.04	0.025		
10		23.17	0.033		
0		31.35	0.044		
-10		27.43	0.004		
-20		28.66	0.040		
-30		20.17	0.028		
20	Maximum Voltage	16.34	0.023		
20	BEP	36.05	0.051		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.02	0.017	2.5ppm	PASS
40		34.30	0.048		
30		13.76	0.019		
20		26.19	0.037		
10		31.86	0.045		
0		11.82	0.017		
-10		26.08	0.004		
-20		31.05	0.044		
-30		12.17	0.017		
20	Maximum Voltage	31.01	0.044		
20	BEP	16.61	0.023		

LTE Band 7 (QPSK) / 2535MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.34	0.013	2.5ppm	PASS
40		28.59	0.011		
30		32.10	0.013		
20		13.45	0.005		
10		32.08	0.013		
0		27.55	0.011		
-10		21.76	0.009		
-20		21.04	0.008		
-30		29.81	0.012		
20	Maximum Voltage	13.83	0.005		
20	BEP	19.87	0.008		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	29.86	0.012	2.5ppm	PASS
40		35.50	0.014		
30		18.01	0.007		
20		30.51	0.012		
10		25.06	0.010		
0		25.73	0.010		
-10		14.27	0.006		
-20		14.49	0.006		
-30		26.90	0.011		
20	Maximum Voltage	15.27	0.006		
20	BEP	27.40	0.011		

LTE Band 12 (QPSK) / 707.5MHz / BW5M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	17.49	0.025	2.5ppm	PASS
40		35.13	0.049		
30		31.35	0.044		
20		35.38	0.050		
10		14.40	0.020		
0		34.22	0.048		
-10		25.97	0.004		
-20		15.81	0.022		
-30		17.63	0.025		
20	Maximum Voltage	35.78	0.050		
20	BEP	14.67	0.021		

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	27.41	0.039	2.5ppm	PASS
40		16.63	0.023		
30		22.65	0.032		
20		12.87	0.018		
10		19.89	0.028		
0		13.91	0.020		
-10		15.35	0.002		
-20		32.14	0.045		
-30		35.47	0.050		
20	Maximum Voltage	18.34	0.026		
20	BEP	26.96	0.038		

LTE Band 17 (QPSK) / 710MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.19	0.028	2.5ppm	PASS
40		30.02	0.042		
30		29.16	0.041		
20		14.42	0.020		
10		14.72	0.021		
0		25.23	0.036		
-10		16.58	0.002		
-20		17.76	0.025		
-30		13.71	0.019		
20	Maximum Voltage	30.33	0.043		
20	BEP	22.12	0.031		

LTE Band 17 (QPSK) / 710MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.60	0.018	2.5ppm	PASS
40		26.00	0.037		
30		14.74	0.021		
20		19.86	0.028		
10		27.29	0.038		
0		34.48	0.049		
-10		12.24	0.002		
-20		27.56	0.039		
-30		12.52	0.018		
20	Maximum Voltage	27.77	0.039		
20	BEP	14.72	0.021		

LTE Band 25 (QPSK) / 1882.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	28.69	0.015	2.5ppm	PASS
40		35.76	0.019		
30		28.53	0.015		
20		16.38	0.009		
10		30.90	0.016		
0		30.37	0.016		
-10		27.85	0.015		
-20		30.23	0.016		
-30		30.29	0.016		
20	Maximum Voltage	33.08	0.018		
20	BEP	28.83	0.015		

LTE Band 25 (QPSK) / 1882.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.98	0.009	2.5ppm	PASS
40		26.77	0.014		
30		21.11	0.011		
20		17.92	0.010		
10		27.66	0.015		
0		22.27	0.012		
-10		29.23	0.016		
-20		34.52	0.018		
-30		20.69	0.011		
20	Maximum Voltage	18.86	0.010		
20	BEP	23.39	0.012		

LTE Band 26(Part 22) (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.38	0.011	2.5ppm	PASS
40		33.53	0.019		
30		32.14	0.019		
20		31.13	0.018		
10		20.43	0.012		
0		29.42	0.017		
-10		19.39	0.011		
-20		18.89	0.011		
-30		11.61	0.007		
20	Maximum Voltage	15.41	0.009		
20	BEP	22.61	0.013		

LTE Band 26(Part 22) (QPSK) / 836.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.84	0.020	2.5ppm	PASS
40		30.17	0.017		
30		15.30	0.009		
20		25.18	0.015		
10		17.82	0.010		
0		24.56	0.014		
-10		26.94	0.016		
-20		33.77	0.019		
-30		17.70	0.010		
20	Maximum Voltage	29.46	0.017		
20	BEP	12.16	0.007		

LTE Band 26(Part 90) (QPSK) / 819MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	21.98	0.013	2.5ppm	PASS
40		23.30	0.013		
30		12.68	0.007		
20		15.87	0.009		
10		13.98	0.008		
0		13.81	0.008		
-10		22.31	0.013		
-20		25.31	0.015		
-30		26.81	0.015		
20	Maximum Voltage	35.89	0.021		
20	BEP	25.18	0.015		

LTE Band 26(Part 90) (QPSK) / 819MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.91	0.010	2.5ppm	PASS
40		15.69	0.009		
30		26.18	0.015		
20		15.07	0.009		
10		30.40	0.018		
0		15.51	0.009		
-10		35.77	0.021		
-20		34.27	0.020		
-30		11.88	0.007		
20	Maximum Voltage	26.02	0.015		
20	BEP	22.97	0.013		

LTE Band 41 (QPSK) / 2605MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.30	0.007	2.5ppm	PASS
40		21.15	0.008		
30		19.74	0.008		
20		36.37	0.014		
10		11.60	0.005		
0		24.61	0.010		
-10		28.08	0.011		
-20		15.96	0.006		
-30		22.70	0.009		
20	Maximum Voltage	32.32	0.013		
20	BEP	31.98	0.013		

LTE Band 41 (QPSK) / 2605MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	28.09	0.011	2.5ppm	PASS
40		33.04	0.013		
30		21.78	0.009		
20		36.23	0.014		
10		21.87	0.009		
0		18.69	0.007		
-10		31.35	0.012		
-20		31.41	0.012		
-30		16.85	0.007		
20	Maximum Voltage	28.12	0.011		
20	BEP	22.57	0.009		

APPENDIX-PHOTOS OF TEST SETUP

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

※※※※※END OF THE REPORT※※※※※