



RADIO TEST REPORT

Report No.:STS2207124W02

Issued for

Trackimo INC.

680 Central Ave, Cedarhurst, New York 11516, USA

Product Name:	GPS Tracker
Brand Name:	Tracki, Trackimo
Model Name:	TRKI005-T
Series Model:	TRKI006-T, TRKM049-T, TRKM045-T, TRKM045-V
FCC ID:	2AAI6-TRKI005
Test Standard:	47 CFR Part 2, 22, 24(E), 27, 90

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**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 Name: Tracki, Trackimo
Model Name: TRKI005-T
Series Model: TRKI006-T, TRKM049-T, TRKM045-T, TRKM045-V
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: 20 July 2022
Date (s) of performance of tests ..: 20 July 2022 ~ 26 Sept. 2022
Date of Issue: 26 Sept. 2022
Test Result: Pass

Testing Engineer :

(Chris Chen)

Technical Manager :

(Sean she)

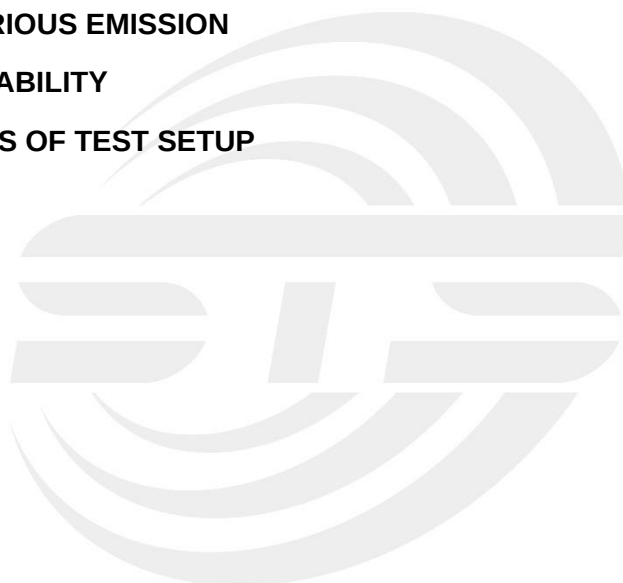
Authorized Signatory :

(Bovey Yang)





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**Revision History**

Rev.	Issue Date	Report NO.	Effect Page	Contents
00	26 Sept. 2022	STS2207124W02	ALL	Initial Issue





1. SUMMARY OF TEST RESULTS

1.1 TEST RESULTS DESCRIPTION AND LABORATORY INFORMATION

FCC Rule	Description	Limit	Result
§2.1046	Conducted Output Power	Reporting Only	PASS
§24.232(d) §22.913(d) §27.50(a)(B)	Peak-to-Average Ratio	<13 dB	PASS
§2.1049 §22.917 §24.238(b) §27.53(h)(3) §27.53(m)(6) §90.209	Occupied Bandwidth	Reporting Only	PASS
§2.1051) §22.917 §24.238(a) §27.53(g) §27.53(h) §90.691	Conducted Band Edge Measurement	<43+10log10(P[Watts])	PASS
§27.53(m)(4)		<43+10log10(P[Watts])	PASS
§2.1051 §22.917 §24.238(a) §27.53(g) §27.53(h) §90.691	Conducted Spurious Emission	<43+10log10(P[Watts])	PASS
§27.53(m)(4)	Conducted Spurious Emission	< 55+10log10(P[Watts])	PASS
§2.1055 §22.355 §24.235 §27.54 §90.213	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22 Within Authorized Band	PASS
§27.50(c)(10)	Effective Radiated Power	ERP < 3 Watt	PASS
§24.232(c) §27.50(h)(2)	Equivalent Isotropic Radiated Power	EIRP < 2Watt	PASS
§27.50(d)(4)	Equivalent Isotropic Radiated Power	EIRP < 1Watt	PASS
§22.913	Effective Radiated Power	ERP < 7 Watt	PASS
§90.635(b)	Effective Radiated Power	ERP < 100Watt	PASS
§2.1053 §22.917 §24.238(a) §27.53(g) §27.53(h) §90.691	Radiated Spurious Emission	< 43+10log10(P[Watts])	PASS
§27.53(m)(4)	Radiated Spurious Emission	< 55+10log10(P[Watts])	PASS



1.1.1 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

1.1.2 MEASUREMENT UNCERTAINTY

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

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



2. GENERAL INFORMATION

2.1 TECHNICAL SPECIFICATIONS AND REGULATIONS

2.1.1 PRODUCT DESCRIPTION

A major technical description of EUT is described as following:

Product Name	GPS Tracker
Trade Name	Tracki, Trackimo
Model Name	TRKI005-T
Series Model	TRKI006-T, TRKM049-T, TRKM045-T, TRKM045-V
Model Difference	The electrical circuit design, layout, components used and internal wiring for above models are identical, only different in TRKI006-T has one more plastic clip accessory than TRKI005-T; TRKM049-T, TRKM045-T, TRKM045-V and TRKI005-T only different in 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
SIM Card	Built-in single card
Antenna	PIFA
Antenna gain	LTEB2/B25: -5.85dBi, LTEB4: -7.58dBi, LTEB5/B26: -6.29dBi, LTEB7: 0.39dBi, LTEB12/B17: -7.68dBi
Battery parameter	Rated Voltage: 3.8V Charge Limit Voltage: 4.35V Capacity: 500mAh
Rating	Input: DC 5V 500mA
Extreme Vol. Limits	3V to 4.35V (Nominal 3.8V)
Extreme Temp. Tolerance	-10°C to +55°C
Hardware version number	Curve SYD V0.1
Software version number	Curve SYD V0.1

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
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
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
Maximum Output Power	LTE Band 2: 22.91 dBm LTE Band 4: 22.89 dBm LTE Band 5: 22.54 dBm LTE Band 7: 22.89 dBm LTE Band 12: 23.56 dBm LTE Band 17: 22.51 dBm LTE Band 25: 23.27 dBm LTE Band 26: 22.96 dBm
Type of Modulation	QPSK /16QAM



Channle List:

Test channel list							
Band2	1.9GHz	Frequency (MHz)	Channel	Band4	1.7GHz	Frequency (MHz)	Channel
L	1.4M	1850.7	18607	L	1.4M	1710.7	19957
	3M	1851.5	18615		3M	1711.5	19965
	5M	1852.5	18625		5M	1712.5	19975
	10M	1855	18650		10M	1715	20000
	15M	1857.5	18675		15M	1717.5	20025
	20M	1860	18700		20M	1720	20050
M	1.4/3/5/10/15/20M	1880	18900	M	1.4/3/5/10/15/20M	1732.5	20175
H	1.4M	1909.3	19193	H	1.4M	1754.3	20393
	3M	1908.5	19185		3M	1753.5	20385
	5M	1907.5	19175		5M	1752.5	20375
	10M	1905	19150		10M	1750	20350
	15M	1902.5	19125		15M	1747.5	20325
	20M	1900	19100		20M	1745	20300
Band5	850MHz	Frequency (MHz)	Channel	Band7	2.6GHz	Frequency (MHz)	Channel
L	1.4M	824.7	20407	L	5M	2502.5	20775
	3M	825.5	20415		10M	2505	20800
	5M	826.5	20425		15M	2507.5	20825
	10M	829	20450		20M	2510	20850
M	1.4/3/5/10M	836.5	20525	M	5/10/15/20M	2535	21100
H	1.4M	848.3	20643	H	5M	2567.5	21425
	3M	847.5	20635		10M	2565	21400
	5M	846.5	20625		15M	2562.5	21375
	10M	844	20600		20M	2560	21350
Band12	700MHz	Frequency (MHz)	Channel	Band13	700MHz	Frequency (MHz)	Channel
L	1.4M	699.7	23017	L	5M	779.5	23205
	3M	700.5	23025		10M	782	23230
	5M	701.5	23035		/	/	/
	10M	704	23060		/	/	/
M	1.4/3/5/10M	707.5	23095	M	5/10M	782	23230



H	1.4M	715.3	23173	H	5M	784.5	23255
	3M	714.5	23165		10M	782	23230
	5M	713.5	23155		/	/	/
	10M	711	23130		/	/	/
Band14	700MHz	Frequency (MHz)	Channel	Band25	1.9GHz	Frequency (MHz)	Channel
L	5M	790.5	23305	L	1.4M	1850.7	26047
	10M	793	23330		3M	1851.5	26055
	/	/	/		5M	1852.5	26065
	/	/	/		10M	1855	26090
	/	/	/		15M	1857.5	26115
	/	/	/		20M	1860	26140
M	5/10M	793	23330	M	1.4/3/5/10/15/20M	1882,5	26365
H	5M	795.5	23355	H	1.4M	1914.3	26683
	10M	793	23330		3M	1913.5	26675
	/	/	/		5M	1912.5	26665
	/	/	/		10M	1910	26640
	/	/	/		15M	1907.5	26615
	/	/	/		20M	1905	26590
Band26 (part 90)	850MHz	Frequency (MHz)	Channel	Band26 (part 20)	850MHz	Frequency (MHz)	Channel
L	1.4M	814.7	26697	L	1.4M	824.7	26797
	3M	815.5	26705		3M	825.5	26805
	5M	816.5	26715		5M	826.5	26815
	/	/	/		10M	829	26840
	/	/	/		15M	831.5	26865
M	1.4/3/5/10 M	819	26740	M	1.4/3/5/10/15M	836.5	26915
H	1.4M	823.3	26783	H	1.4M	848.3	27033
	3M	822.5	26775		3M	847.5	27025
	5M	821.5	26765		5M	846.5	27015
	/	/	/		10M	844	26990
	/	/	/		15M	841.5	26965
Band30	2.3GHz	Frequency (MHz)	Channel	Band38	2.6GHz	Frequency (MHz)	Channel
L	5M	2307.5	27685	L	5M	2572.5	37775
	/	/	/		10M	2575	37800



	/	/	/		15M	2577.5	37825
	/	/	/		20M	2580	37850
M	5/10M	2310	27710	M	5/10/15/20 M	2595	38000
H	5M	2312.5	27735	H	5M	2617.5	38225
	/	/	/		10M	2615	38200
	/	/	/		15M	2612.5	38175
	/	/	/		20M	2610	38150
Band40a	2.3GHz	Frequency (MHz)	Channel	Band40 b	2.3GHz	Frequency (MHz)	Channel
L	5M	2307.5	38725	L	5M	2352.5	39175
M	5/10/M	2310	38750	M	5/10/M	2355	39200
H	5M	2312.5	38775	H	5M	2357.5	39225
Band41	2.5GHz	Frequency (MHz)	Channel	Band66	1.7GHz	Frequency (MHz)	Channel
L	5M	2498.5	39675	L	1.4M	1710.7	131979
	10M	2501	39700		3M	1711.5	131987
	15M	2503.5	39725		5M	1712.5	131997
	20M	2506	39750		10M	1715	132022
	/	/	/		15M	1717.5	132047
	/	/	/		20M	1720	132072
M	5/10/15/20 M	2593	40620	M	1.4/3/5/10/ 15/20M	1745	132322
H	5M	2687.5	41565	H	1.4M	1779.3	132665
	10M	2685	41540		3M	1778.5	132657
	15M	2682.5	41515		5M	1777.5	132647
	20M	2680	41490		10M	1775	132622
	/	/	/		15M	1772.5	132597
	/	/	/		20M	1770	132572



2.1.3 EMISSION DESIGNATOR

LTE Band 2	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M09G7D	1M11W7D
3	2M72G7D	2M70W7D
5	4M52G7D	4M51W7D
10	9M01G7D	8M99W7D
15	13M5G7D	13M5W7D
20	17M9G7D	17M9W7D
LTE Band 4	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M71G7D	2M72W7D
5	4M53G7D	4M53W7D
10	8M99G7D	8M97W7D
15	13M5G7D	13M5W7D
20	17M9G7D	17M9W7D
LTE Band 5	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M71G7D	2M71W7D
5	4M53G7D	4M50W7D
10	9M00G7D	8M99W7D
LTE Band 7	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M52G7D	4M53W7D
10	9M00G7D	8M99W7D
15	13M5G7D	13M5W7D
20	18M0G7D	18M0W7D
LTE Band 12	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M11W7D
3	2M71G7D	2M70W7D
5	4M51G7D	4M52W7D
10	9M01G7D	9M03W7D
LTE Band 17	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M52G7D	4M51W7D
10	8M97G7D	8M98W7D
LTE Band 25	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M71G7D	2M71W7D
5	4M55G7D	4M51W7D
10	9M01G7D	8M97W7D
15	13M4G7D	13M4W7D
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	2M70G7D	2M71W7D
5	4M53G7D	4M51W7D
10	8M97G7D	8M98W7D
15	13M5G7D	13M5W7D
LTE Band 26 (Part 90)	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M11W7D
3	2M71G7D	2M71W7D
5	4M51G7D	4M51W7D
10	9M03G7D	8M96W7D





2.1.4 TEST CONFIGURATION OF EQUIPMENT UNDER TEST

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

Remark:

1. The mark 'v' means that this configuration is chosen for testing
2. The mark '-' means that this bandwidth is not supported.
3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated.

ITEMS	Band	Bandwidth (MHz)						Modulation		RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	1	Half	Full	L	M	H
Max. Output Power	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v			v	v	v	v	v	v	v	v
	7			v	v	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v			v	v	v	v	v	v	v	v
	17			v	v			v	v	v	v	v	v	v	v
	25	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak&Avera Ratio	26	v	v	v	v	v		v	v	v	v	v	v	v	v
	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	
26dB&99% Bandwidth	25	v	v	v	v	v	v	v	v	v		v		v	
	26	v	v	v	v	v		v	v	v		v		v	
	2	v	v	v	v	v	v	v	v			v		v	
	4	v	v	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	
Conducted Band Edge	17			v	v			v	v			v		v	
	25	v	v	v	v	v	v	v	v			v		v	
	26	v	v	v	v	v		v	v			v		v	
	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



Conducted Spurious Emission	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
	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
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	
E.R.P.& E.I.R.P.	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v			v	v	v	v	v	v	v	v
	7			v	v	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v			v	v	v	v	v	v	v	v
	17			v	v			v	v	v	v	v	v	v	v
	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
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



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

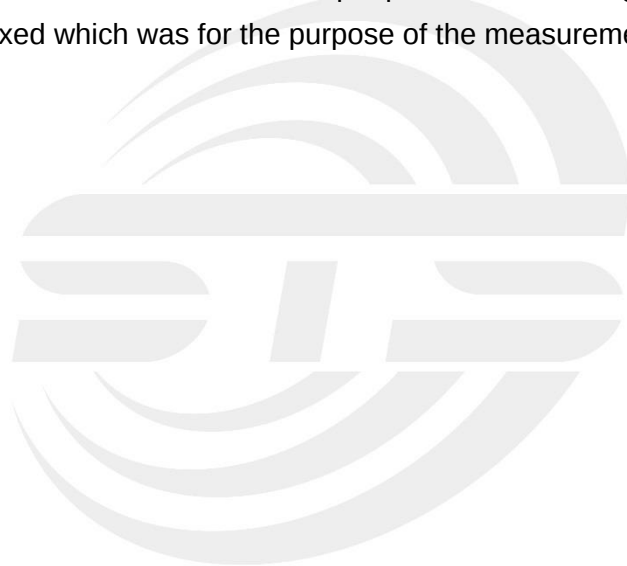
The battery and the charger, earphone supplied by the applicant were used as accessories and being tested with eut intended for fcc grant together.

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.

E-1
EUT

Table 2-1 Equipment Used in EUT System

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

Note:

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



2.1.10 MEASUREMENT INSTRUMENTS

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

Radiation Test equipment

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

RF Connected Test

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Universal Radio communication tester	R&S	CMU200	111058	2021.09.29	2022.09.28
Wireless Communications Test Set	R&S	CMW 500	131428	2022.03.01	2023.02.28
Signal Analyzer	Agilent	N9020A	MY52440124	2022.03.01	2023.02.28
Temperature& Humidity test chamber	Safety test	AG80L	171200018	2022.03.01	2023.02.28
Programmable power supply	Agilent	E3642A	MY40002025	2021.10.08	2022.10.07
Temperature & Humidity	SW-108	SuWei	N/A	2022.03.02	2023.03.01
Test SW	FARAD	LZ-RF /LzRf-3A3			



2.1.11 MEASUREMENT RESULTS EXPLANATION EXAMPLE

For all conducted test items:

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

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

Offset = RF Cable Loss + Attenuator Factor.



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

3.1 DESCRIPTION OF THE CONDUCTED OUTPUT POWER MEASUREMENT

3.1.1 MEASUREMENT METHOD

CONDUCTED OUTPUT POWER:

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

Configuration follows KDB 971168 D01 v03r01.

C63.26 2015 Section 5.2.5.5.

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

(1) $ERP \text{ or } EIRP = P_{Meas} + GT$

$ERP = EIRP - 2.15$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas} , e.g., dBm or dBW)

P_{Meas} measured transmitter output power or PSD, in dBm or dBW

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

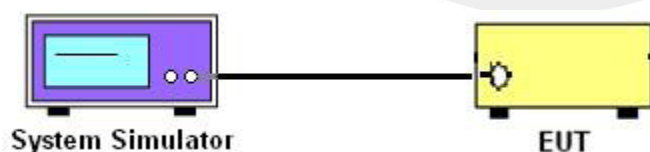
For devices utilizing multiple antennas, see 6.4 for guidance with respect to determining the effective array transmit antenna gain term to be used in the above equation.

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

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

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

3.1.2 TEST SETUP



3.1.3 TEST PROCEDURES

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



3.1.4 TEST RESULTS

Radiated Power (EIRP) for LTE Band 2 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	22.07	-5.85	16.22	2.00	33.01	PASS
		1	2		22.00	-5.85	16.15	2.00	33.01	PASS
		1	5		21.89	-5.85	16.04	2.00	33.01	PASS
		3	0		21.75	-5.85	15.90	2.00	33.01	PASS
		3	1		21.56	-5.85	15.71	2.00	33.01	PASS
		3	2		21.43	-5.85	15.58	2.00	33.01	PASS
		6	0		21.41	-5.85	15.56	2.00	33.01	PASS
		1	0	16QAM	21.98	-5.85	16.13	2.00	33.01	PASS
		1	2		22.00	-5.85	16.15	2.00	33.01	PASS
		1	5		21.74	-5.85	15.89	2.00	33.01	PASS
		3	0		21.72	-5.85	15.87	2.00	33.01	PASS
		3	1		21.53	-5.85	15.68	2.00	33.01	PASS
		3	2		21.29	-5.85	15.44	2.00	33.01	PASS
		6	0		21.34	-5.85	15.49	2.00	33.01	PASS
	Middle	1	0	QPSK	22.14	-5.85	16.29	2.00	33.01	PASS
		1	2		22.09	-5.85	16.24	2.00	33.01	PASS
		1	5		22.06	-5.85	16.21	2.00	33.01	PASS
		3	0		21.91	-5.85	16.06	2.00	33.01	PASS
		3	1		21.75	-5.85	15.90	2.00	33.01	PASS
		3	2		21.69	-5.85	15.84	2.00	33.01	PASS
		6	0		21.58	-5.85	15.73	2.00	33.01	PASS
		1	0	16QAM	21.98	-5.85	16.13	2.00	33.01	PASS
		1	2		22.05	-5.85	16.20	2.00	33.01	PASS
		1	5		21.87	-5.85	16.02	2.00	33.01	PASS
		3	0		21.81	-5.85	15.96	2.00	33.01	PASS
		3	1		21.68	-5.85	15.83	2.00	33.01	PASS
		3	2		21.65	-5.85	15.80	2.00	33.01	PASS
		6	0		21.51	-5.85	15.66	2.00	33.01	PASS
	Highest	1	0	QPSK	22.09	-5.85	16.24	2.00	33.01	PASS
		1	2		22.01	-5.85	16.16	2.00	33.01	PASS
		1	5		21.85	-5.85	16.00	2.00	33.01	PASS
		3	0		21.67	-5.85	15.82	2.00	33.01	PASS
		3	1		21.49	-5.85	15.64	2.00	33.01	PASS
		3	2		21.35	-5.85	15.50	2.00	33.01	PASS
		6	0		21.19	-5.85	15.34	2.00	33.01	PASS
		1	0	16QAM	21.94	-5.85	16.09	2.00	33.01	PASS
		1	2		21.87	-5.85	16.02	2.00	33.01	PASS
		1	5		21.69	-5.85	15.84	2.00	33.01	PASS
		3	0		21.51	-5.85	15.66	2.00	33.01	PASS
		3	1		21.38	-5.85	15.53	2.00	33.01	PASS
		3	2		21.32	-5.85	15.47	2.00	33.01	PASS
		6	0		21.11	-5.85	15.26	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 2 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	22.22	-5.85	16.37	2.00	33.01	PASS
		1	7		22.08	-5.85	16.23	2.00	33.01	PASS
		1	14		22.00	-5.85	16.15	2.00	33.01	PASS
		8	0		21.97	-5.85	16.12	2.00	33.01	PASS
		8	4		21.79	-5.85	15.94	2.00	33.01	PASS
		8	7		21.73	-5.85	15.88	2.00	33.01	PASS
		15	0		21.62	-5.85	15.77	2.00	33.01	PASS
		1	0	16QAM	22.12	-5.85	16.27	2.00	33.01	PASS
		1	7		22.02	-5.85	16.17	2.00	33.01	PASS
		1	14		21.84	-5.85	15.99	2.00	33.01	PASS
		8	0		21.92	-5.85	16.07	2.00	33.01	PASS
		8	4		21.78	-5.85	15.93	2.00	33.01	PASS
		8	7		21.62	-5.85	15.77	2.00	33.01	PASS
		15	0		21.60	-5.85	15.75	2.00	33.01	PASS
	Middle	1	0	QPSK	22.35	-5.85	16.50	2.00	33.01	PASS
		1	7		22.21	-5.85	16.36	2.00	33.01	PASS
		1	14		22.10	-5.85	16.25	2.00	33.01	PASS
		8	0		21.95	-5.85	16.10	2.00	33.01	PASS
		8	4		21.93	-5.85	16.08	2.00	33.01	PASS
		8	7		21.78	-5.85	15.93	2.00	33.01	PASS
		15	0		21.73	-5.85	15.88	2.00	33.01	PASS
		1	0	16QAM	22.33	-5.85	16.48	2.00	33.01	PASS
		1	7		22.07	-5.85	16.22	2.00	33.01	PASS
		1	14		21.96	-5.85	16.11	2.00	33.01	PASS
		8	0		21.94	-5.85	16.09	2.00	33.01	PASS
		8	4		21.88	-5.85	16.03	2.00	33.01	PASS
		8	7		21.61	-5.85	15.76	2.00	33.01	PASS
		15	0		21.57	-5.85	15.72	2.00	33.01	PASS
	Highest	1	0	QPSK	22.39	-5.85	16.54	2.00	33.01	PASS
		1	7		22.34	-5.85	16.49	2.00	33.01	PASS
		1	14		22.25	-5.85	16.40	2.00	33.01	PASS
		8	0		22.05	-5.85	16.20	2.00	33.01	PASS
		8	4		22.02	-5.85	16.17	2.00	33.01	PASS
		8	7		21.94	-5.85	16.09	2.00	33.01	PASS
		15	0		21.84	-5.85	15.99	2.00	33.01	PASS
		1	0	16QAM	22.38	-5.85	16.53	2.00	33.01	PASS
		1	7		22.24	-5.85	16.39	2.00	33.01	PASS
		1	14		22.11	-5.85	16.26	2.00	33.01	PASS
		8	0		22.03	-5.85	16.18	2.00	33.01	PASS
		8	4		21.88	-5.85	16.03	2.00	33.01	PASS
		8	7		21.86	-5.85	16.01	2.00	33.01	PASS
		15	0		21.75	-5.85	15.90	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 2 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	22.33	-5.85	16.48	2.00	33.01	PASS
		1	12		22.23	-5.85	16.38	2.00	33.01	PASS
		1	24		22.21	-5.85	16.36	2.00	33.01	PASS
		12	0		22.13	-5.85	16.28	2.00	33.01	PASS
		12	6		21.96	-5.85	16.11	2.00	33.01	PASS
		12	11		21.88	-5.85	16.03	2.00	33.01	PASS
		25	0		21.87	-5.85	16.02	2.00	33.01	PASS
		1	0	16QAM	22.19	-5.85	16.34	2.00	33.01	PASS
		1	12		22.19	-5.85	16.34	2.00	33.01	PASS
		1	24		22.18	-5.85	16.33	2.00	33.01	PASS
		12	0		22.09	-5.85	16.24	2.00	33.01	PASS
		12	6		21.92	-5.85	16.07	2.00	33.01	PASS
		12	11		21.80	-5.85	15.95	2.00	33.01	PASS
		25	0		21.79	-5.85	15.94	2.00	33.01	PASS
	Middle	1	0	QPSK	22.29	-5.85	16.44	2.00	33.01	PASS
		1	12		22.19	-5.85	16.34	2.00	33.01	PASS
		1	24		22.08	-5.85	16.23	2.00	33.01	PASS
		12	0		22.06	-5.85	16.21	2.00	33.01	PASS
		12	6		21.97	-5.85	16.12	2.00	33.01	PASS
		12	11		21.90	-5.85	16.05	2.00	33.01	PASS
		25	0		21.83	-5.85	15.98	2.00	33.01	PASS
		1	0	16QAM	22.23	-5.85	16.38	2.00	33.01	PASS
		1	12		22.14	-5.85	16.29	2.00	33.01	PASS
		1	24		22.00	-5.85	16.15	2.00	33.01	PASS
		12	0		22.01	-5.85	16.16	2.00	33.01	PASS
		12	6		21.91	-5.85	16.06	2.00	33.01	PASS
		12	11		21.82	-5.85	15.97	2.00	33.01	PASS
		25	0		21.70	-5.85	15.85	2.00	33.01	PASS
	Highest	1	0	QPSK	22.40	-5.85	16.55	2.00	33.01	PASS
		1	12		22.29	-5.85	16.44	2.00	33.01	PASS
		1	24		22.13	-5.85	16.28	2.00	33.01	PASS
		12	0		22.09	-5.85	16.24	2.00	33.01	PASS
		12	6		21.93	-5.85	16.08	2.00	33.01	PASS
		12	11		21.77	-5.85	15.92	2.00	33.01	PASS
		25	0		21.74	-5.85	15.89	2.00	33.01	PASS
		1	0	16QAM	22.22	-5.85	16.37	2.00	33.01	PASS
		1	12		22.19	-5.85	16.34	2.00	33.01	PASS
		1	24		22.05	-5.85	16.20	2.00	33.01	PASS
		12	0		21.96	-5.85	16.11	2.00	33.01	PASS
		12	6		21.77	-5.85	15.92	2.00	33.01	PASS
		12	11		21.65	-5.85	15.80	2.00	33.01	PASS
		25	0		21.64	-5.85	15.79	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 2 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	22.57	-5.85	16.72	2.00	33.01	PASS
		1	24		22.41	-5.85	16.56	2.00	33.01	PASS
		1	49		22.39	-5.85	16.54	2.00	33.01	PASS
		25	0		22.26	-5.85	16.41	2.00	33.01	PASS
		25	12		22.07	-5.85	16.22	2.00	33.01	PASS
		25	24		22.04	-5.85	16.19	2.00	33.01	PASS
		50	0		21.84	-5.85	15.99	2.00	33.01	PASS
		1	0	16QAM	22.52	-5.85	16.67	2.00	33.01	PASS
		1	24		22.28	-5.85	16.43	2.00	33.01	PASS
		1	49		22.38	-5.85	16.53	2.00	33.01	PASS
		25	0		22.21	-5.85	16.36	2.00	33.01	PASS
		25	12		21.88	-5.85	16.03	2.00	33.01	PASS
		25	24		21.87	-5.85	16.02	2.00	33.01	PASS
		50	0		21.77	-5.85	15.92	2.00	33.01	PASS
	Middle	1	0	QPSK	22.63	-5.85	16.78	2.00	33.01	PASS
		1	24		22.50	-5.85	16.65	2.00	33.01	PASS
		1	49		22.34	-5.85	16.49	2.00	33.01	PASS
		25	0		22.18	-5.85	16.33	2.00	33.01	PASS
		25	12		22.06	-5.85	16.21	2.00	33.01	PASS
		25	24		21.88	-5.85	16.03	2.00	33.01	PASS
		50	0		21.79	-5.85	15.94	2.00	33.01	PASS
		1	0	16QAM	22.58	-5.85	16.73	2.00	33.01	PASS
		1	24		22.47	-5.85	16.62	2.00	33.01	PASS
		1	49		22.18	-5.85	16.33	2.00	33.01	PASS
		25	0		22.02	-5.85	16.17	2.00	33.01	PASS
		25	12		21.89	-5.85	16.04	2.00	33.01	PASS
		25	24		21.74	-5.85	15.89	2.00	33.01	PASS
		50	0		21.73	-5.85	15.88	2.00	33.01	PASS
	Highest	1	0	QPSK	22.61	-5.85	16.76	2.00	33.01	PASS
		1	24		22.58	-5.85	16.73	2.00	33.01	PASS
		1	49		22.53	-5.85	16.68	2.00	33.01	PASS
		25	0		22.34	-5.85	16.49	2.00	33.01	PASS
		25	12		22.22	-5.85	16.37	2.00	33.01	PASS
		25	24		22.11	-5.85	16.26	2.00	33.01	PASS
		50	0		22.01	-5.85	16.16	2.00	33.01	PASS
		1	0	16QAM	22.46	-5.85	16.61	2.00	33.01	PASS
		1	24		22.39	-5.85	16.54	2.00	33.01	PASS
		1	49		22.44	-5.85	16.59	2.00	33.01	PASS
		25	0		22.17	-5.85	16.32	2.00	33.01	PASS
		25	12		22.22	-5.85	16.37	2.00	33.01	PASS
		25	24		22.05	-5.85	16.20	2.00	33.01	PASS
		50	0		21.95	-5.85	16.10	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 2 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	22.68	-5.85	16.83	2.00	33.01	PASS
		1	37		22.67	-5.85	16.82	2.00	33.01	PASS
		1	74		22.64	-5.85	16.79	2.00	33.01	PASS
		36	0		22.50	-5.85	16.65	2.00	33.01	PASS
		36	18		22.33	-5.85	16.48	2.00	33.01	PASS
		36	39		22.32	-5.85	16.47	2.00	33.01	PASS
		75	0		22.23	-5.85	16.38	2.00	33.01	PASS
		1	0	16QAM	22.51	-5.85	16.66	2.00	33.01	PASS
		1	37		22.59	-5.85	16.74	2.00	33.01	PASS
		1	74		22.58	-5.85	16.73	2.00	33.01	PASS
		36	0		22.42	-5.85	16.57	2.00	33.01	PASS
		36	18		22.28	-5.85	16.43	2.00	33.01	PASS
		36	39		22.12	-5.85	16.27	2.00	33.01	PASS
		75	0		22.15	-5.85	16.30	2.00	33.01	PASS
	Middle	1	0	QPSK	22.55	-5.85	16.70	2.00	33.01	PASS
		1	37		22.54	-5.85	16.69	2.00	33.01	PASS
		1	74		22.48	-5.85	16.63	2.00	33.01	PASS
		36	0		22.32	-5.85	16.47	2.00	33.01	PASS
		36	18		22.20	-5.85	16.35	2.00	33.01	PASS
		36	39		22.03	-5.85	16.18	2.00	33.01	PASS
		75	0		21.88	-5.85	16.03	2.00	33.01	PASS
		1	0	16QAM	22.48	-5.85	16.63	2.00	33.01	PASS
		1	37		22.44	-5.85	16.59	2.00	33.01	PASS
		1	74		22.43	-5.85	16.58	2.00	33.01	PASS
		36	0		22.12	-5.85	16.27	2.00	33.01	PASS
		36	18		22.09	-5.85	16.24	2.00	33.01	PASS
		36	39		21.96	-5.85	16.11	2.00	33.01	PASS
		75	0		21.71	-5.85	15.86	2.00	33.01	PASS
	Highest	1	0	QPSK	22.61	-5.85	16.76	2.00	33.01	PASS
		1	37		22.44	-5.85	16.59	2.00	33.01	PASS
		1	74		22.26	-5.85	16.41	2.00	33.01	PASS
		36	0		22.09	-5.85	16.24	2.00	33.01	PASS
		36	18		22.07	-5.85	16.22	2.00	33.01	PASS
		36	39		22.01	-5.85	16.16	2.00	33.01	PASS
		75	0		21.95	-5.85	16.10	2.00	33.01	PASS
		1	0	16QAM	22.41	-5.85	16.56	2.00	33.01	PASS
		1	37		22.27	-5.85	16.42	2.00	33.01	PASS
		1	74		22.24	-5.85	16.39	2.00	33.01	PASS
		36	0		22.08	-5.85	16.23	2.00	33.01	PASS
		36	18		21.91	-5.85	16.06	2.00	33.01	PASS
		36	39		21.93	-5.85	16.08	2.00	33.01	PASS
		75	0		21.93	-5.85	16.08	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 2 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	22.89	-5.85	17.04	2.00	33.01	PASS
		1	49		22.89	-5.85	17.04	2.00	33.01	PASS
		1	99		22.75	-5.85	16.90	2.00	33.01	PASS
		50	0		22.74	-5.85	16.89	2.00	33.01	PASS
		50	24		22.55	-5.85	16.70	2.00	33.01	PASS
		50	49		22.54	-5.85	16.69	2.00	33.01	PASS
		100	0		22.49	-5.85	16.64	2.00	33.01	PASS
		1	0	16QAM	22.72	-5.85	16.87	2.00	33.01	PASS
		1	49		22.81	-5.85	16.96	2.00	33.01	PASS
		1	99		22.65	-5.85	16.80	2.00	33.01	PASS
		50	0		22.54	-5.85	16.69	2.00	33.01	PASS
		50	24		22.40	-5.85	16.55	2.00	33.01	PASS
		50	49		22.51	-5.85	16.66	2.00	33.01	PASS
		100	0		22.33	-5.85	16.48	2.00	33.01	PASS
	Middle	1	0	QPSK	22.91	-5.85	17.06	2.00	33.01	PASS
		1	49		22.73	-5.85	16.88	2.00	33.01	PASS
		1	99		22.71	-5.85	16.86	2.00	33.01	PASS
		50	0		22.69	-5.85	16.84	2.00	33.01	PASS
		50	24		22.51	-5.85	16.66	2.00	33.01	PASS
		50	49		22.37	-5.85	16.52	2.00	33.01	PASS
		100	0		22.33	-5.85	16.48	2.00	33.01	PASS
		1	0	16QAM	22.81	-5.85	16.96	2.00	33.01	PASS
		1	49		22.64	-5.85	16.79	2.00	33.01	PASS
		1	99		22.56	-5.85	16.71	2.00	33.01	PASS
		50	0		22.56	-5.85	16.71	2.00	33.01	PASS
		50	24		22.39	-5.85	16.54	2.00	33.01	PASS
		50	49		22.27	-5.85	16.42	2.00	33.01	PASS
		100	0		22.31	-5.85	16.46	2.00	33.01	PASS
	Highest	1	0	QPSK	22.84	-5.85	16.99	2.00	33.01	PASS
		1	49		22.69	-5.85	16.84	2.00	33.01	PASS
		1	99		22.61	-5.85	16.76	2.00	33.01	PASS
		50	0		22.49	-5.85	16.64	2.00	33.01	PASS
		50	24		22.37	-5.85	16.52	2.00	33.01	PASS
		50	49		22.32	-5.85	16.47	2.00	33.01	PASS
		100	0		22.17	-5.85	16.32	2.00	33.01	PASS
		1	0	16QAM	22.65	-5.85	16.80	2.00	33.01	PASS
		1	49		22.53	-5.85	16.68	2.00	33.01	PASS
		1	99		22.60	-5.85	16.75	2.00	33.01	PASS
		50	0		22.30	-5.85	16.45	2.00	33.01	PASS
		50	24		22.22	-5.85	16.37	2.00	33.01	PASS
		50	49		22.18	-5.85	16.33	2.00	33.01	PASS
		100	0		22.02	-5.85	16.17	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 4 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	22.27	-7.58	14.69	1.00	30.00	PASS
		1	2		22.17	-7.58	14.59	1.00	30.00	PASS
		1	5		22.08	-7.58	14.50	1.00	30.00	PASS
		3	0		22.06	-7.58	14.48	1.00	30.00	PASS
		3	1		21.97	-7.58	14.39	1.00	30.00	PASS
		3	2		21.96	-7.58	14.38	1.00	30.00	PASS
		6	0		21.80	-7.58	14.22	1.00	30.00	PASS
		1	0	16QAM	22.12	-7.58	14.54	1.00	30.00	PASS
		1	2		22.14	-7.58	14.56	1.00	30.00	PASS
		1	5		21.92	-7.58	14.34	1.00	30.00	PASS
		3	0		21.91	-7.58	14.33	1.00	30.00	PASS
		3	1		21.85	-7.58	14.27	1.00	30.00	PASS
		3	2		21.94	-7.58	14.36	1.00	30.00	PASS
		6	0		21.67	-7.58	14.09	1.00	30.00	PASS
	Middle	1	0	QPSK	22.30	-7.58	14.72	1.00	30.00	PASS
		1	2		22.26	-7.58	14.68	1.00	30.00	PASS
		1	5		22.22	-7.58	14.64	1.00	30.00	PASS
		3	0		22.16	-7.58	14.58	1.00	30.00	PASS
		3	1		22.01	-7.58	14.43	1.00	30.00	PASS
		3	2		22.01	-7.58	14.43	1.00	30.00	PASS
		6	0		21.99	-7.58	14.41	1.00	30.00	PASS
		1	0	16QAM	22.25	-7.58	14.67	1.00	30.00	PASS
		1	2		22.08	-7.58	14.50	1.00	30.00	PASS
		1	5		22.21	-7.58	14.63	1.00	30.00	PASS
		3	0		21.99	-7.58	14.41	1.00	30.00	PASS
		3	1		21.94	-7.58	14.36	1.00	30.00	PASS
		3	2		21.99	-7.58	14.41	1.00	30.00	PASS
		6	0		21.88	-7.58	14.30	1.00	30.00	PASS
	Highest	1	0	QPSK	22.19	-7.58	14.61	1.00	30.00	PASS
		1	2		22.09	-7.58	14.51	1.00	30.00	PASS
		1	5		21.99	-7.58	14.41	1.00	30.00	PASS
		3	0		21.79	-7.58	14.21	1.00	30.00	PASS
		3	1		21.64	-7.58	14.06	1.00	30.00	PASS
		3	2		21.51	-7.58	13.93	1.00	30.00	PASS
		6	0		21.36	-7.58	13.78	1.00	30.00	PASS
		1	0	16QAM	22.06	-7.58	14.48	1.00	30.00	PASS
		1	2		22.08	-7.58	14.50	1.00	30.00	PASS
		1	5		21.99	-7.58	14.41	1.00	30.00	PASS
		3	0		21.70	-7.58	14.12	1.00	30.00	PASS
		3	1		21.64	-7.58	14.06	1.00	30.00	PASS
		3	2		21.40	-7.58	13.82	1.00	30.00	PASS
		6	0		21.34	-7.58	13.76	1.00	30.00	PASS



Radiated Power (EIRP) for LTE Band 4 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	22.08	-7.58	14.50	1.00	30.00	PASS
		1	7		21.98	-7.58	14.40	1.00	30.00	PASS
		1	14		21.88	-7.58	14.30	1.00	30.00	PASS
		8	0		21.79	-7.58	14.21	1.00	30.00	PASS
		8	4		21.74	-7.58	14.16	1.00	30.00	PASS
		8	7		21.65	-7.58	14.07	1.00	30.00	PASS
		15	0		21.50	-7.58	13.92	1.00	30.00	PASS
		1	0	16QAM	22.05	-7.58	14.47	1.00	30.00	PASS
		1	7		21.81	-7.58	14.23	1.00	30.00	PASS
		1	14		21.79	-7.58	14.21	1.00	30.00	PASS
		8	0		21.76	-7.58	14.18	1.00	30.00	PASS
		8	4		21.67	-7.58	14.09	1.00	30.00	PASS
		8	7		21.54	-7.58	13.96	1.00	30.00	PASS
		15	0		21.45	-7.58	13.87	1.00	30.00	PASS
	Middle	1	0	QPSK	22.14	-7.58	14.56	1.00	30.00	PASS
		1	7		21.99	-7.58	14.41	1.00	30.00	PASS
		1	14		21.94	-7.58	14.36	1.00	30.00	PASS
		8	0		21.88	-7.58	14.30	1.00	30.00	PASS
		8	4		21.81	-7.58	14.23	1.00	30.00	PASS
		8	7		21.63	-7.58	14.05	1.00	30.00	PASS
		15	0		21.44	-7.58	13.86	1.00	30.00	PASS
		1	0	16QAM	21.99	-7.58	14.41	1.00	30.00	PASS
		1	7		21.91	-7.58	14.33	1.00	30.00	PASS
		1	14		21.89	-7.58	14.31	1.00	30.00	PASS
		8	0		21.79	-7.58	14.21	1.00	30.00	PASS
		8	4		21.70	-7.58	14.12	1.00	30.00	PASS
		8	7		21.50	-7.58	13.92	1.00	30.00	PASS
		15	0		21.38	-7.58	13.80	1.00	30.00	PASS
	Highest	1	0	QPSK	22.10	-7.58	14.52	1.00	30.00	PASS
		1	7		21.97	-7.58	14.39	1.00	30.00	PASS
		1	14		21.94	-7.58	14.36	1.00	30.00	PASS
		8	0		21.81	-7.58	14.23	1.00	30.00	PASS
		8	4		21.72	-7.58	14.14	1.00	30.00	PASS
		8	7		21.65	-7.58	14.07	1.00	30.00	PASS
		15	0		21.63	-7.58	14.05	1.00	30.00	PASS
		1	0	16QAM	21.97	-7.58	14.39	1.00	30.00	PASS
		1	7		21.82	-7.58	14.24	1.00	30.00	PASS
		1	14		21.83	-7.58	14.25	1.00	30.00	PASS
		8	0		21.62	-7.58	14.04	1.00	30.00	PASS
		8	4		21.64	-7.58	14.06	1.00	30.00	PASS
		8	7		21.64	-7.58	14.06	1.00	30.00	PASS
		15	0		21.53	-7.58	13.95	1.00	30.00	PASS



Radiated Power (EIRP) for LTE Band 4 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	22.37	-7.58	14.79	1.00	30.00	PASS
		1	12		22.35	-7.58	14.77	1.00	30.00	PASS
		1	24		22.25	-7.58	14.67	1.00	30.00	PASS
		12	0		22.17	-7.58	14.59	1.00	30.00	PASS
		12	6		21.99	-7.58	14.41	1.00	30.00	PASS
		12	11		21.96	-7.58	14.38	1.00	30.00	PASS
		25	0		21.94	-7.58	14.36	1.00	30.00	PASS
		1	0	16QAM	22.30	-7.58	14.72	1.00	30.00	PASS
		1	12		22.23	-7.58	14.65	1.00	30.00	PASS
		1	24		22.10	-7.58	14.52	1.00	30.00	PASS
		12	0		22.04	-7.58	14.46	1.00	30.00	PASS
		12	6		21.86	-7.58	14.28	1.00	30.00	PASS
		12	11		21.85	-7.58	14.27	1.00	30.00	PASS
		25	0		21.85	-7.58	14.27	1.00	30.00	PASS
	Middle	1	0	QPSK	22.41	-7.58	14.83	1.00	30.00	PASS
		1	12		22.40	-7.58	14.82	1.00	30.00	PASS
		1	24		22.38	-7.58	14.80	1.00	30.00	PASS
		12	0		22.37	-7.58	14.79	1.00	30.00	PASS
		12	6		22.35	-7.58	14.77	1.00	30.00	PASS
		12	11		22.17	-7.58	14.59	1.00	30.00	PASS
		25	0		22.05	-7.58	14.47	1.00	30.00	PASS
		1	0	16QAM	22.31	-7.58	14.73	1.00	30.00	PASS
		1	12		22.28	-7.58	14.70	1.00	30.00	PASS
		1	24		22.23	-7.58	14.65	1.00	30.00	PASS
		12	0		22.34	-7.58	14.76	1.00	30.00	PASS
		12	6		22.25	-7.58	14.67	1.00	30.00	PASS
		12	11		22.14	-7.58	14.56	1.00	30.00	PASS
		25	0		21.99	-7.58	14.41	1.00	30.00	PASS
	Highest	1	0	QPSK	22.35	-7.58	14.77	1.00	30.00	PASS
		1	12		22.33	-7.58	14.75	1.00	30.00	PASS
		1	24		22.31	-7.58	14.73	1.00	30.00	PASS
		12	0		22.12	-7.58	14.54	1.00	30.00	PASS
		12	6		21.94	-7.58	14.36	1.00	30.00	PASS
		12	11		21.86	-7.58	14.28	1.00	30.00	PASS
		25	0		21.76	-7.58	14.18	1.00	30.00	PASS
		1	0	16QAM	22.29	-7.58	14.71	1.00	30.00	PASS
		1	12		22.25	-7.58	14.67	1.00	30.00	PASS
		1	24		22.25	-7.58	14.67	1.00	30.00	PASS
		12	0		22.12	-7.58	14.54	1.00	30.00	PASS
		12	6		21.88	-7.58	14.30	1.00	30.00	PASS
		12	11		21.81	-7.58	14.23	1.00	30.00	PASS
		25	0		21.67	-7.58	14.09	1.00	30.00	PASS



Radiated Power (EIRP) for LTE Band 4 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	22.44	-7.58	14.86	1.00	30.00	PASS
		1	24		22.38	-7.58	14.80	1.00	30.00	PASS
		1	49		22.22	-7.58	14.64	1.00	30.00	PASS
		25	0		22.22	-7.58	14.64	1.00	30.00	PASS
		25	12		22.21	-7.58	14.63	1.00	30.00	PASS
		25	24		22.15	-7.58	14.57	1.00	30.00	PASS
		50	0		22.03	-7.58	14.45	1.00	30.00	PASS
		1	0	16QAM	22.39	-7.58	14.81	1.00	30.00	PASS
		1	24		22.26	-7.58	14.68	1.00	30.00	PASS
		1	49		22.04	-7.58	14.46	1.00	30.00	PASS
		25	0		22.10	-7.58	14.52	1.00	30.00	PASS
		25	12		22.03	-7.58	14.45	1.00	30.00	PASS
		25	24		22.06	-7.58	14.48	1.00	30.00	PASS
		50	0		21.96	-7.58	14.38	1.00	30.00	PASS
	Middle	1	0	QPSK	22.52	-7.58	14.94	1.00	30.00	PASS
		1	24		22.33	-7.58	14.75	1.00	30.00	PASS
		1	49		22.25	-7.58	14.67	1.00	30.00	PASS
		25	0		22.14	-7.58	14.56	1.00	30.00	PASS
		25	12		22.06	-7.58	14.48	1.00	30.00	PASS
		25	24		21.93	-7.58	14.35	1.00	30.00	PASS
		50	0		21.91	-7.58	14.33	1.00	30.00	PASS
		1	0	16QAM	22.49	-7.58	14.91	1.00	30.00	PASS
		1	24		22.33	-7.58	14.75	1.00	30.00	PASS
		1	49		22.10	-7.58	14.52	1.00	30.00	PASS
		25	0		22.01	-7.58	14.43	1.00	30.00	PASS
		25	12		21.99	-7.58	14.41	1.00	30.00	PASS
		25	24		21.84	-7.58	14.26	1.00	30.00	PASS
		50	0		21.89	-7.58	14.31	1.00	30.00	PASS
	Highest	1	0	QPSK	22.39	-7.58	14.81	1.00	30.00	PASS
		1	24		22.23	-7.58	14.65	1.00	30.00	PASS
		1	49		22.08	-7.58	14.50	1.00	30.00	PASS
		25	0		21.99	-7.58	14.41	1.00	30.00	PASS
		25	12		21.94	-7.58	14.36	1.00	30.00	PASS
		25	24		21.82	-7.58	14.24	1.00	30.00	PASS
		50	0		21.74	-7.58	14.16	1.00	30.00	PASS
		1	0	16QAM	22.28	-7.58	14.70	1.00	30.00	PASS
		1	24		22.14	-7.58	14.56	1.00	30.00	PASS
		1	49		21.91	-7.58	14.33	1.00	30.00	PASS
		25	0		21.94	-7.58	14.36	1.00	30.00	PASS
		25	12		21.84	-7.58	14.26	1.00	30.00	PASS
		25	24		21.78	-7.58	14.20	1.00	30.00	PASS
		50	0		21.56	-7.58	13.98	1.00	30.00	PASS



Radiated Power (EIRP) for LTE Band 4 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	22.69	-7.58	15.11	1.00	30.00	PASS
		1	37		22.59	-7.58	15.01	1.00	30.00	PASS
		1	74		22.46	-7.58	14.88	1.00	30.00	PASS
		36	0		22.29	-7.58	14.71	1.00	30.00	PASS
		36	18		22.22	-7.58	14.64	1.00	30.00	PASS
		36	39		22.14	-7.58	14.56	1.00	30.00	PASS
		75	0	16QAM	21.96	-7.58	14.38	1.00	30.00	PASS
		1	0		22.67	-7.58	15.09	1.00	30.00	PASS
		1	37		22.45	-7.58	14.87	1.00	30.00	PASS
		1	74		22.44	-7.58	14.86	1.00	30.00	PASS
		36	0		22.17	-7.58	14.59	1.00	30.00	PASS
		36	18		22.06	-7.58	14.48	1.00	30.00	PASS
		36	39		21.96	-7.58	14.38	1.00	30.00	PASS
		75	0		21.81	-7.58	14.23	1.00	30.00	PASS
	Middle	1	0	QPSK	22.57	-7.58	14.99	1.00	30.00	PASS
		1	37		22.48	-7.58	14.90	1.00	30.00	PASS
		1	74		22.31	-7.58	14.73	1.00	30.00	PASS
		36	0		22.19	-7.58	14.61	1.00	30.00	PASS
		36	18		22.05	-7.58	14.47	1.00	30.00	PASS
		36	39		21.98	-7.58	14.40	1.00	30.00	PASS
		75	0	16QAM	21.94	-7.58	14.36	1.00	30.00	PASS
		1	0		22.42	-7.58	14.84	1.00	30.00	PASS
		1	37		22.33	-7.58	14.75	1.00	30.00	PASS
		1	74		22.16	-7.58	14.58	1.00	30.00	PASS
		36	0		22.14	-7.58	14.56	1.00	30.00	PASS
		36	18		22.05	-7.58	14.47	1.00	30.00	PASS
		36	39		21.84	-7.58	14.26	1.00	30.00	PASS
		75	0		21.87	-7.58	14.29	1.00	30.00	PASS
	Highest	1	0	QPSK	22.73	-7.58	15.15	1.00	30.00	PASS
		1	37		22.71	-7.58	15.13	1.00	30.00	PASS
		1	74		22.68	-7.58	15.10	1.00	30.00	PASS
		36	0		22.64	-7.58	15.06	1.00	30.00	PASS
		36	18		22.51	-7.58	14.93	1.00	30.00	PASS
		36	39		22.39	-7.58	14.81	1.00	30.00	PASS
		75	0	16QAM	22.21	-7.58	14.63	1.00	30.00	PASS
		1	0		22.61	-7.58	15.03	1.00	30.00	PASS
		1	37		22.58	-7.58	15.00	1.00	30.00	PASS
		1	74		22.53	-7.58	14.95	1.00	30.00	PASS
		36	0		22.56	-7.58	14.98	1.00	30.00	PASS
		36	18		22.43	-7.58	14.85	1.00	30.00	PASS
		36	39		22.28	-7.58	14.70	1.00	30.00	PASS
		75	0		22.16	-7.58	14.58	1.00	30.00	PASS



Radiated Power (EIRP) for LTE Band 4 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	22.76	-7.58	15.18	1.00	30.00	PASS
		1	49		22.60	-7.58	15.02	1.00	30.00	PASS
		1	99		22.53	-7.58	14.95	1.00	30.00	PASS
		50	0		22.46	-7.58	14.88	1.00	30.00	PASS
		50	24		22.42	-7.58	14.84	1.00	30.00	PASS
		50	49		22.26	-7.58	14.68	1.00	30.00	PASS
		100	0		22.08	-7.58	14.50	1.00	30.00	PASS
		1	0	16QAM	22.56	-7.58	14.98	1.00	30.00	PASS
		1	49		22.52	-7.58	14.94	1.00	30.00	PASS
		1	99		22.48	-7.58	14.90	1.00	30.00	PASS
		50	0		22.34	-7.58	14.76	1.00	30.00	PASS
		50	24		22.38	-7.58	14.80	1.00	30.00	PASS
		50	49		22.09	-7.58	14.51	1.00	30.00	PASS
		100	0		21.90	-7.58	14.32	1.00	30.00	PASS
	Middle	1	0	QPSK	22.89	-7.58	15.31	1.00	30.00	PASS
		1	49		22.70	-7.58	15.12	1.00	30.00	PASS
		1	99		22.59	-7.58	15.01	1.00	30.00	PASS
		50	0		22.45	-7.58	14.87	1.00	30.00	PASS
		50	24		22.41	-7.58	14.83	1.00	30.00	PASS
		50	49		22.34	-7.58	14.76	1.00	30.00	PASS
		100	0		22.28	-7.58	14.70	1.00	30.00	PASS
		1	0	16QAM	22.78	-7.58	15.20	1.00	30.00	PASS
		1	49		22.67	-7.58	15.09	1.00	30.00	PASS
		1	99		22.41	-7.58	14.83	1.00	30.00	PASS
		50	0		22.30	-7.58	14.72	1.00	30.00	PASS
		50	24		22.32	-7.58	14.74	1.00	30.00	PASS
		50	49		22.24	-7.58	14.66	1.00	30.00	PASS
		100	0		22.11	-7.58	14.53	1.00	30.00	PASS
	Highest	1	0	QPSK	22.84	-7.58	15.26	1.00	30.00	PASS
		1	49		22.81	-7.58	15.23	1.00	30.00	PASS
		1	99		22.77	-7.58	15.19	1.00	30.00	PASS
		50	0		22.74	-7.58	15.16	1.00	30.00	PASS
		50	24		22.56	-7.58	14.98	1.00	30.00	PASS
		50	49		22.46	-7.58	14.88	1.00	30.00	PASS
		100	0		22.30	-7.58	14.72	1.00	30.00	PASS
		1	0	16QAM	22.75	-7.58	15.17	1.00	30.00	PASS
		1	49		22.64	-7.58	15.06	1.00	30.00	PASS
		1	99		22.72	-7.58	15.14	1.00	30.00	PASS
		50	0		22.66	-7.58	15.08	1.00	30.00	PASS
		50	24		22.42	-7.58	14.84	1.00	30.00	PASS
		50	49		22.38	-7.58	14.80	1.00	30.00	PASS
		100	0		22.20	-7.58	14.62	1.00	30.00	PASS



Radiated Power (ERP) for LTE Band 5 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	22.13	-6.29	13.69	7.00	38.45	PASS
		1	2		22.02	-6.29	13.58	7.00	38.45	PASS
		1	5		21.99	-6.29	13.55	7.00	38.45	PASS
		3	0		21.95	-6.29	13.51	7.00	38.45	PASS
		3	1		21.76	-6.29	13.32	7.00	38.45	PASS
		3	2		21.56	-6.29	13.12	7.00	38.45	PASS
		6	0		21.42	-6.29	12.98	7.00	38.45	PASS
		1	0	16QAM	21.97	-6.29	13.53	7.00	38.45	PASS
		1	2		21.86	-6.29	13.42	7.00	38.45	PASS
		1	5		21.92	-6.29	13.48	7.00	38.45	PASS
		3	0		21.86	-6.29	13.42	7.00	38.45	PASS
		3	1		21.73	-6.29	13.29	7.00	38.45	PASS
		3	2		21.53	-6.29	13.09	7.00	38.45	PASS
		6	0		21.31	-6.29	12.87	7.00	38.45	PASS
	Middle	1	0	QPSK	22.07	-6.29	13.63	7.00	38.45	PASS
		1	2		21.99	-6.29	13.55	7.00	38.45	PASS
		1	5		21.85	-6.29	13.41	7.00	38.45	PASS
		3	0		21.74	-6.29	13.30	7.00	38.45	PASS
		3	1		21.67	-6.29	13.23	7.00	38.45	PASS
		3	2		21.48	-6.29	13.04	7.00	38.45	PASS
		6	0		21.37	-6.29	12.93	7.00	38.45	PASS
		1	0	16QAM	22.05	-6.29	13.61	7.00	38.45	PASS
		1	2		21.95	-6.29	13.51	7.00	38.45	PASS
		1	5		21.81	-6.29	13.37	7.00	38.45	PASS
		3	0		21.60	-6.29	13.16	7.00	38.45	PASS
		3	1		21.65	-6.29	13.21	7.00	38.45	PASS
		3	2		21.35	-6.29	12.91	7.00	38.45	PASS
		6	0		21.21	-6.29	12.77	7.00	38.45	PASS
	Highest	1	0	QPSK	22.19	-6.29	13.75	7.00	38.45	PASS
		1	2		22.00	-6.29	13.56	7.00	38.45	PASS
		1	5		21.89	-6.29	13.45	7.00	38.45	PASS
		3	0		21.71	-6.29	13.27	7.00	38.45	PASS
		3	1		21.63	-6.29	13.19	7.00	38.45	PASS
		3	2		21.57	-6.29	13.13	7.00	38.45	PASS
		6	0		21.51	-6.29	13.07	7.00	38.45	PASS
		1	0	16QAM	22.15	-6.29	13.71	7.00	38.45	PASS
		1	2		21.94	-6.29	13.50	7.00	38.45	PASS
		1	5		21.77	-6.29	13.33	7.00	38.45	PASS
		3	0		21.68	-6.29	13.24	7.00	38.45	PASS
		3	1		21.55	-6.29	13.11	7.00	38.45	PASS
		3	2		21.55	-6.29	13.11	7.00	38.45	PASS
		6	0		21.51	-6.29	13.07	7.00	38.45	PASS



Radiated Power (ERP) for LTE Band 5 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	22.16	-6.29	13.72	7.00	38.45	PASS
		1	7		22.05	-6.29	13.61	7.00	38.45	PASS
		1	14		21.86	-6.29	13.42	7.00	38.45	PASS
		8	0		21.72	-6.29	13.28	7.00	38.45	PASS
		8	4		21.65	-6.29	13.21	7.00	38.45	PASS
		8	7		21.61	-6.29	13.17	7.00	38.45	PASS
		15	0		21.51	-6.29	13.07	7.00	38.45	PASS
		1	0	16QAM	22.10	-6.29	13.66	7.00	38.45	PASS
		1	7		21.90	-6.29	13.46	7.00	38.45	PASS
		1	14		21.72	-6.29	13.28	7.00	38.45	PASS
		8	0		21.67	-6.29	13.23	7.00	38.45	PASS
		8	4		21.50	-6.29	13.06	7.00	38.45	PASS
		8	7		21.55	-6.29	13.11	7.00	38.45	PASS
		15	0		21.50	-6.29	13.06	7.00	38.45	PASS
	Middle	1	0	QPSK	22.12	-6.29	13.68	7.00	38.45	PASS
		1	7		21.97	-6.29	13.53	7.00	38.45	PASS
		1	14		21.86	-6.29	13.42	7.00	38.45	PASS
		8	0		21.67	-6.29	13.23	7.00	38.45	PASS
		8	4		21.60	-6.29	13.16	7.00	38.45	PASS
		8	7		21.55	-6.29	13.11	7.00	38.45	PASS
		15	0		21.39	-6.29	12.95	7.00	38.45	PASS
		1	0	16QAM	22.12	-6.29	13.68	7.00	38.45	PASS
		1	7		21.93	-6.29	13.49	7.00	38.45	PASS
		1	14		21.71	-6.29	13.27	7.00	38.45	PASS
		8	0		21.53	-6.29	13.09	7.00	38.45	PASS
		8	4		21.47	-6.29	13.03	7.00	38.45	PASS
		8	7		21.55	-6.29	13.11	7.00	38.45	PASS
		15	0		21.25	-6.29	12.81	7.00	38.45	PASS
	Highest	1	0	QPSK	22.23	-6.29	13.79	7.00	38.45	PASS
		1	7		22.19	-6.29	13.75	7.00	38.45	PASS
		1	14		22.04	-6.29	13.60	7.00	38.45	PASS
		8	0		21.93	-6.29	13.49	7.00	38.45	PASS
		8	4		21.83	-6.29	13.39	7.00	38.45	PASS
		8	7		21.71	-6.29	13.27	7.00	38.45	PASS
		15	0		21.61	-6.29	13.17	7.00	38.45	PASS
		1	0	16QAM	22.05	-6.29	13.61	7.00	38.45	PASS
		1	7		22.11	-6.29	13.67	7.00	38.45	PASS
		1	14		21.86	-6.29	13.42	7.00	38.45	PASS
		8	0		21.84	-6.29	13.40	7.00	38.45	PASS
		8	4		21.70	-6.29	13.26	7.00	38.45	PASS
		8	7		21.62	-6.29	13.18	7.00	38.45	PASS
		15	0		21.43	-6.29	12.99	7.00	38.45	PASS



Radiated Power (ERP) for LTE Band 5 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	22.24	-6.29	13.80	7.00	38.45	PASS
		1	12		22.18	-6.29	13.74	7.00	38.45	PASS
		1	24		22.17	-6.29	13.73	7.00	38.45	PASS
		12	0		22.07	-6.29	13.63	7.00	38.45	PASS
		12	6		21.93	-6.29	13.49	7.00	38.45	PASS
		12	11		21.79	-6.29	13.35	7.00	38.45	PASS
		25	0		21.74	-6.29	13.30	7.00	38.45	PASS
		1	0	16QAM	22.15	-6.29	13.71	7.00	38.45	PASS
		1	12		22.10	-6.29	13.66	7.00	38.45	PASS
		1	24		22.04	-6.29	13.60	7.00	38.45	PASS
		12	0		21.94	-6.29	13.50	7.00	38.45	PASS
		12	6		21.74	-6.29	13.30	7.00	38.45	PASS
		12	11		21.72	-6.29	13.28	7.00	38.45	PASS
		25	0		21.74	-6.29	13.30	7.00	38.45	PASS
	Middle	1	0	QPSK	22.18	-6.29	13.74	7.00	38.45	PASS
		1	12		22.00	-6.29	13.56	7.00	38.45	PASS
		1	24		21.93	-6.29	13.49	7.00	38.45	PASS
		12	0		21.78	-6.29	13.34	7.00	38.45	PASS
		12	6		21.77	-6.29	13.33	7.00	38.45	PASS
		12	11		21.57	-6.29	13.13	7.00	38.45	PASS
		25	0		21.43	-6.29	12.99	7.00	38.45	PASS
		1	0	16QAM	22.06	-6.29	13.62	7.00	38.45	PASS
		1	12		21.89	-6.29	13.45	7.00	38.45	PASS
		1	24		21.89	-6.29	13.45	7.00	38.45	PASS
		12	0		21.77	-6.29	13.33	7.00	38.45	PASS
		12	6		21.74	-6.29	13.30	7.00	38.45	PASS
		12	11		21.54	-6.29	13.10	7.00	38.45	PASS
		25	0		21.32	-6.29	12.88	7.00	38.45	PASS
	Highest	1	0	QPSK	22.31	-6.29	13.87	7.00	38.45	PASS
		1	12		22.18	-6.29	13.74	7.00	38.45	PASS
		1	24		22.17	-6.29	13.73	7.00	38.45	PASS
		12	0		22.08	-6.29	13.64	7.00	38.45	PASS
		12	6		22.05	-6.29	13.61	7.00	38.45	PASS
		12	11		21.89	-6.29	13.45	7.00	38.45	PASS
		25	0		21.75	-6.29	13.31	7.00	38.45	PASS
		1	0	16QAM	22.12	-6.29	13.68	7.00	38.45	PASS
		1	12		22.06	-6.29	13.62	7.00	38.45	PASS
		1	24		22.06	-6.29	13.62	7.00	38.45	PASS
		12	0		21.97	-6.29	13.53	7.00	38.45	PASS
		12	6		21.93	-6.29	13.49	7.00	38.45	PASS
		12	11		21.83	-6.29	13.39	7.00	38.45	PASS
		25	0		21.57	-6.29	13.13	7.00	38.45	PASS



Radiated Power (ERP) for LTE Band 5 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	22.34	-6.29	13.90	7.00	38.45	PASS
		1	24		22.33	-6.29	13.89	7.00	38.45	PASS
		1	49		22.23	-6.29	13.79	7.00	38.45	PASS
		25	0		22.12	-6.29	13.68	7.00	38.45	PASS
		25	12		22.09	-6.29	13.65	7.00	38.45	PASS
		25	24		22.09	-6.29	13.65	7.00	38.45	PASS
		50	0		21.97	-6.29	13.53	7.00	38.45	PASS
		1	0	16QAM	22.22	-6.29	13.78	7.00	38.45	PASS
		1	24		22.24	-6.29	13.80	7.00	38.45	PASS
		1	49		22.13	-6.29	13.69	7.00	38.45	PASS
		25	0		22.01	-6.29	13.57	7.00	38.45	PASS
		25	12		22.08	-6.29	13.64	7.00	38.45	PASS
		25	24		22.00	-6.29	13.56	7.00	38.45	PASS
		50	0		21.77	-6.29	13.33	7.00	38.45	PASS
	Middle	1	0	QPSK	22.27	-6.29	13.83	7.00	38.45	PASS
		1	24		22.13	-6.29	13.69	7.00	38.45	PASS
		1	49		21.93	-6.29	13.49	7.00	38.45	PASS
		25	0		21.81	-6.29	13.37	7.00	38.45	PASS
		25	12		21.74	-6.29	13.30	7.00	38.45	PASS
		25	24		21.61	-6.29	13.17	7.00	38.45	PASS
		50	0		21.51	-6.29	13.07	7.00	38.45	PASS
		1	0	16QAM	22.23	-6.29	13.79	7.00	38.45	PASS
		1	24		22.12	-6.29	13.68	7.00	38.45	PASS
		1	49		21.85	-6.29	13.41	7.00	38.45	PASS
		25	0		21.79	-6.29	13.35	7.00	38.45	PASS
		25	12		21.63	-6.29	13.19	7.00	38.45	PASS
		25	24		21.47	-6.29	13.03	7.00	38.45	PASS
		50	0		21.36	-6.29	12.92	7.00	38.45	PASS
	Highest	1	0	QPSK	22.54	-6.29	14.10	7.00	38.45	PASS
		1	24		22.51	-6.29	14.07	7.00	38.45	PASS
		1	49		22.47	-6.29	14.03	7.00	38.45	PASS
		25	0		22.30	-6.29	13.86	7.00	38.45	PASS
		25	12		22.22	-6.29	13.78	7.00	38.45	PASS
		25	24		22.11	-6.29	13.67	7.00	38.45	PASS
		50	0		22.09	-6.29	13.65	7.00	38.45	PASS
		1	0	16QAM	22.46	-6.29	14.02	7.00	38.45	PASS
		1	24		22.31	-6.29	13.87	7.00	38.45	PASS
		1	49		22.27	-6.29	13.83	7.00	38.45	PASS
		25	0		22.26	-6.29	13.82	7.00	38.45	PASS
		25	12		22.15	-6.29	13.71	7.00	38.45	PASS
		25	24		21.94	-6.29	13.50	7.00	38.45	PASS
		50	0		22.07	-6.29	13.63	7.00	38.45	PASS



Radiated Power (EIRP) for LTE Band 7 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	22.28	0.39	22.67	2.00	33.01	PASS
		1	12		22.11	0.39	22.50	2.00	33.01	PASS
		1	24		22.07	0.39	22.46	2.00	33.01	PASS
		12	0		22.05	0.39	22.44	2.00	33.01	PASS
		12	6		21.94	0.39	22.33	2.00	33.01	PASS
		12	11		21.88	0.39	22.27	2.00	33.01	PASS
		25	0		21.81	0.39	22.20	2.00	33.01	PASS
		1	0	16QAM	22.18	0.39	22.57	2.00	33.01	PASS
		1	12		21.95	0.39	22.34	2.00	33.01	PASS
		1	24		22.00	0.39	22.39	2.00	33.01	PASS
		12	0		21.87	0.39	22.26	2.00	33.01	PASS
		12	6		21.83	0.39	22.22	2.00	33.01	PASS
		12	11		21.82	0.39	22.21	2.00	33.01	PASS
		25	0		21.81	0.39	22.20	2.00	33.01	PASS
	Middle	1	0	QPSK	22.34	0.39	22.73	2.00	33.01	PASS
		1	12		22.27	0.39	22.66	2.00	33.01	PASS
		1	24		22.10	0.39	22.49	2.00	33.01	PASS
		12	0		22.06	0.39	22.45	2.00	33.01	PASS
		12	6		21.93	0.39	22.32	2.00	33.01	PASS
		12	11		21.81	0.39	22.20	2.00	33.01	PASS
		25	0		21.63	0.39	22.02	2.00	33.01	PASS
		1	0	16QAM	22.23	0.39	22.62	2.00	33.01	PASS
		1	12		22.25	0.39	22.64	2.00	33.01	PASS
		1	24		21.99	0.39	22.38	2.00	33.01	PASS
		12	0		21.93	0.39	22.32	2.00	33.01	PASS
		12	6		21.88	0.39	22.27	2.00	33.01	PASS
		12	11		21.80	0.39	22.19	2.00	33.01	PASS
		25	0		21.47	0.39	21.86	2.00	33.01	PASS
	Highest	1	0	QPSK	22.36	0.39	22.75	2.00	33.01	PASS
		1	12		22.24	0.39	22.63	2.00	33.01	PASS
		1	24		22.06	0.39	22.45	2.00	33.01	PASS
		12	0		21.91	0.39	22.30	2.00	33.01	PASS
		12	6		21.86	0.39	22.25	2.00	33.01	PASS
		12	11		21.81	0.39	22.20	2.00	33.01	PASS
		25	0		21.79	0.39	22.18	2.00	33.01	PASS
		1	0	16QAM	22.21	0.39	22.60	2.00	33.01	PASS
		1	12		22.17	0.39	22.56	2.00	33.01	PASS
		1	24		21.91	0.39	22.30	2.00	33.01	PASS
		12	0		21.79	0.39	22.18	2.00	33.01	PASS
		12	6		21.78	0.39	22.17	2.00	33.01	PASS
		12	11		21.71	0.39	22.10	2.00	33.01	PASS
		25	0		21.65	0.39	22.04	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 7 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	22.25	0.39	22.64	2.00	33.01	PASS
		1	24		22.06	0.39	22.45	2.00	33.01	PASS
		1	49		22.03	0.39	22.42	2.00	33.01	PASS
		25	0		21.90	0.39	22.29	2.00	33.01	PASS
		25	12		21.73	0.39	22.12	2.00	33.01	PASS
		25	24		21.72	0.39	22.11	2.00	33.01	PASS
		50	0		21.63	0.39	22.02	2.00	33.01	PASS
		1	0	16QAM	22.20	0.39	22.59	2.00	33.01	PASS
		1	24		21.89	0.39	22.28	2.00	33.01	PASS
		1	49		22.00	0.39	22.39	2.00	33.01	PASS
		25	0		21.82	0.39	22.21	2.00	33.01	PASS
		25	12		21.59	0.39	21.98	2.00	33.01	PASS
		25	24		21.55	0.39	21.94	2.00	33.01	PASS
		50	0		21.52	0.39	21.91	2.00	33.01	PASS
	Middle	1	0	QPSK	22.31	0.39	22.70	2.00	33.01	PASS
		1	24		22.15	0.39	22.54	2.00	33.01	PASS
		1	49		22.10	0.39	22.49	2.00	33.01	PASS
		25	0		22.00	0.39	22.39	2.00	33.01	PASS
		25	12		21.98	0.39	22.37	2.00	33.01	PASS
		25	24		21.96	0.39	22.35	2.00	33.01	PASS
		50	0		21.78	0.39	22.17	2.00	33.01	PASS
		1	0	16QAM	22.19	0.39	22.58	2.00	33.01	PASS
		1	24		22.06	0.39	22.45	2.00	33.01	PASS
		1	49		21.97	0.39	22.36	2.00	33.01	PASS
		25	0		21.94	0.39	22.33	2.00	33.01	PASS
		25	12		21.90	0.39	22.29	2.00	33.01	PASS
		25	24		21.87	0.39	22.26	2.00	33.01	PASS
		50	0		21.63	0.39	22.02	2.00	33.01	PASS
	Highest	1	0	QPSK	22.34	0.39	22.73	2.00	33.01	PASS
		1	24		22.16	0.39	22.55	2.00	33.01	PASS
		1	49		22.00	0.39	22.39	2.00	33.01	PASS
		25	0		21.83	0.39	22.22	2.00	33.01	PASS
		25	12		21.83	0.39	22.22	2.00	33.01	PASS
		25	24		21.76	0.39	22.15	2.00	33.01	PASS
		50	0		21.74	0.39	22.13	2.00	33.01	PASS
		1	0	16QAM	22.20	0.39	22.59	2.00	33.01	PASS
		1	24		22.10	0.39	22.49	2.00	33.01	PASS
		1	49		21.83	0.39	22.22	2.00	33.01	PASS
		25	0		21.71	0.39	22.10	2.00	33.01	PASS
		25	12		21.81	0.39	22.20	2.00	33.01	PASS
		25	24		21.63	0.39	22.02	2.00	33.01	PASS
		50	0		21.67	0.39	22.06	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 7 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	22.53	0.39	22.92	2.00	33.01	PASS
		1	37		22.46	0.39	22.85	2.00	33.01	PASS
		1	74		22.36	0.39	22.75	2.00	33.01	PASS
		36	0		22.22	0.39	22.61	2.00	33.01	PASS
		36	18		22.21	0.39	22.60	2.00	33.01	PASS
		36	39		22.13	0.39	22.52	2.00	33.01	PASS
		75	0		22.04	0.39	22.43	2.00	33.01	PASS
		1	0	16QAM	22.51	0.39	22.90	2.00	33.01	PASS
		1	37		22.30	0.39	22.69	2.00	33.01	PASS
		1	74		22.21	0.39	22.60	2.00	33.01	PASS
		36	0		22.19	0.39	22.58	2.00	33.01	PASS
		36	18		22.12	0.39	22.51	2.00	33.01	PASS
		36	39		21.94	0.39	22.33	2.00	33.01	PASS
		75	0		22.01	0.39	22.40	2.00	33.01	PASS
	Middle	1	0	QPSK	22.66	0.39	23.05	2.00	33.01	PASS
		1	37		22.60	0.39	22.99	2.00	33.01	PASS
		1	74		22.56	0.39	22.95	2.00	33.01	PASS
		36	0		22.51	0.39	22.90	2.00	33.01	PASS
		36	18		22.35	0.39	22.74	2.00	33.01	PASS
		36	39		22.19	0.39	22.58	2.00	33.01	PASS
		75	0		22.11	0.39	22.50	2.00	33.01	PASS
		1	0	16QAM	22.58	0.39	22.97	2.00	33.01	PASS
		1	37		22.44	0.39	22.83	2.00	33.01	PASS
		1	74		22.53	0.39	22.92	2.00	33.01	PASS
		36	0		22.51	0.39	22.90	2.00	33.01	PASS
		36	18		22.22	0.39	22.61	2.00	33.01	PASS
		36	39		22.15	0.39	22.54	2.00	33.01	PASS
		75	0		22.01	0.39	22.40	2.00	33.01	PASS
	Highest	1	0	QPSK	22.78	0.39	23.17	2.00	33.01	PASS
		1	37		22.59	0.39	22.98	2.00	33.01	PASS
		1	74		22.41	0.39	22.80	2.00	33.01	PASS
		36	0		22.32	0.39	22.71	2.00	33.01	PASS
		36	18		22.12	0.39	22.51	2.00	33.01	PASS
		36	39		21.97	0.39	22.36	2.00	33.01	PASS
		75	0		21.83	0.39	22.22	2.00	33.01	PASS
		1	0	16QAM	22.72	0.39	23.11	2.00	33.01	PASS
		1	37		22.39	0.39	22.78	2.00	33.01	PASS
		1	74		22.40	0.39	22.79	2.00	33.01	PASS
		36	0		22.20	0.39	22.59	2.00	33.01	PASS
		36	18		21.93	0.39	22.32	2.00	33.01	PASS
		36	39		21.80	0.39	22.19	2.00	33.01	PASS
		75	0		21.72	0.39	22.11	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 7 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	22.79	0.39	23.18	2.00	33.01	PASS
		1	49		22.67	0.39	23.06	2.00	33.01	PASS
		1	99		22.62	0.39	23.01	2.00	33.01	PASS
		50	0		22.46	0.39	22.85	2.00	33.01	PASS
		50	24		22.41	0.39	22.80	2.00	33.01	PASS
		50	49		22.36	0.39	22.75	2.00	33.01	PASS
		100	0		22.16	0.39	22.55	2.00	33.01	PASS
		1	0	16QAM	22.65	0.39	23.04	2.00	33.01	PASS
		1	49		22.60	0.39	22.99	2.00	33.01	PASS
		1	99		22.52	0.39	22.91	2.00	33.01	PASS
		50	0		22.27	0.39	22.66	2.00	33.01	PASS
		50	24		22.40	0.39	22.79	2.00	33.01	PASS
		50	49		22.23	0.39	22.62	2.00	33.01	PASS
		100	0		22.08	0.39	22.47	2.00	33.01	PASS
	Middle	1	0	QPSK	22.89	0.39	23.28	2.00	33.01	PASS
		1	49		22.71	0.39	23.10	2.00	33.01	PASS
		1	99		22.68	0.39	23.07	2.00	33.01	PASS
		50	0		22.55	0.39	22.94	2.00	33.01	PASS
		50	24		22.38	0.39	22.77	2.00	33.01	PASS
		50	49		22.21	0.39	22.60	2.00	33.01	PASS
		100	0		22.03	0.39	22.42	2.00	33.01	PASS
		1	0	16QAM	22.88	0.39	23.27	2.00	33.01	PASS
		1	49		22.69	0.39	23.08	2.00	33.01	PASS
		1	99		22.62	0.39	23.01	2.00	33.01	PASS
		50	0		22.49	0.39	22.88	2.00	33.01	PASS
		50	24		22.22	0.39	22.61	2.00	33.01	PASS
		50	49		22.15	0.39	22.54	2.00	33.01	PASS
		100	0		21.98	0.39	22.37	2.00	33.01	PASS
	Highest	1	0	QPSK	22.81	0.39	23.20	2.00	33.01	PASS
		1	49		22.65	0.39	23.04	2.00	33.01	PASS
		1	99		22.56	0.39	22.95	2.00	33.01	PASS
		50	0		22.38	0.39	22.77	2.00	33.01	PASS
		50	24		22.19	0.39	22.58	2.00	33.01	PASS
		50	49		22.00	0.39	22.39	2.00	33.01	PASS
		100	0		21.83	0.39	22.22	2.00	33.01	PASS
		1	0	16QAM	22.67	0.39	23.06	2.00	33.01	PASS
		1	49		22.57	0.39	22.96	2.00	33.01	PASS
		1	99		22.49	0.39	22.88	2.00	33.01	PASS
		50	0		22.21	0.39	22.60	2.00	33.01	PASS
		50	24		22.12	0.39	22.51	2.00	33.01	PASS
		50	49		21.83	0.39	22.22	2.00	33.01	PASS
		100	0		21.68	0.39	22.07	2.00	33.01	PASS



Radiated Power (ERP) for LTE Band 12 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	23.08	-7.68	13.25	3.00	34.77	PASS
		1	2		23.06	-7.68	13.23	3.00	34.77	PASS
		1	5		23.00	-7.68	13.17	3.00	34.77	PASS
		3	0		22.83	-7.68	13.00	3.00	34.77	PASS
		3	1		22.69	-7.68	12.86	3.00	34.77	PASS
		3	2		22.65	-7.68	12.82	3.00	34.77	PASS
		6	0		22.48	-7.68	12.65	3.00	34.77	PASS
		1	0	16QAM	23.04	-7.68	13.21	3.00	34.77	PASS
		1	2		22.87	-7.68	13.04	3.00	34.77	PASS
		1	5		22.83	-7.68	13.00	3.00	34.77	PASS
		3	0		22.68	-7.68	12.85	3.00	34.77	PASS
		3	1		22.59	-7.68	12.76	3.00	34.77	PASS
		3	2		22.64	-7.68	12.81	3.00	34.77	PASS
		6	0		22.41	-7.68	12.58	3.00	34.77	PASS
	Middle	1	0	QPSK	23.14	-7.68	13.31	3.00	34.77	PASS
		1	2		22.98	-7.68	13.15	3.00	34.77	PASS
		1	5		22.89	-7.68	13.06	3.00	34.77	PASS
		3	0		22.83	-7.68	13.00	3.00	34.77	PASS
		3	1		22.67	-7.68	12.84	3.00	34.77	PASS
		3	2		22.57	-7.68	12.74	3.00	34.77	PASS
		6	0		22.39	-7.68	12.56	3.00	34.77	PASS
		1	0	16QAM	23.07	-7.68	13.24	3.00	34.77	PASS
		1	2		22.98	-7.68	13.15	3.00	34.77	PASS
		1	5		22.77	-7.68	12.94	3.00	34.77	PASS
		3	0		22.83	-7.68	13.00	3.00	34.77	PASS
		3	1		22.51	-7.68	12.68	3.00	34.77	PASS
		3	2		22.55	-7.68	12.72	3.00	34.77	PASS
		6	0		22.29	-7.68	12.46	3.00	34.77	PASS
	Highest	1	0	QPSK	23.10	-7.68	13.27	3.00	34.77	PASS
		1	2		22.99	-7.68	13.16	3.00	34.77	PASS
		1	5		22.87	-7.68	13.04	3.00	34.77	PASS
		3	0		22.85	-7.68	13.02	3.00	34.77	PASS
		3	1		22.67	-7.68	12.84	3.00	34.77	PASS
		3	2		22.67	-7.68	12.84	3.00	34.77	PASS
		6	0		22.57	-7.68	12.74	3.00	34.77	PASS
		1	0	16QAM	23.08	-7.68	13.25	3.00	34.77	PASS
		1	2		22.94	-7.68	13.11	3.00	34.77	PASS
		1	5		22.78	-7.68	12.95	3.00	34.77	PASS
		3	0		22.77	-7.68	12.94	3.00	34.77	PASS
		3	1		22.64	-7.68	12.81	3.00	34.77	PASS
		3	2		22.52	-7.68	12.69	3.00	34.77	PASS
		6	0		22.53	-7.68	12.70	3.00	34.77	PASS



Radiated Power (ERP) for LTE Band 12 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	23.13	-7.68	13.30	3.00	34.77	PASS
		1	7		22.97	-7.68	13.14	3.00	34.77	PASS
		1	14		22.94	-7.68	13.11	3.00	34.77	PASS
		8	0		22.87	-7.68	13.04	3.00	34.77	PASS
		8	4		22.78	-7.68	12.95	3.00	34.77	PASS
		8	7		22.67	-7.68	12.84	3.00	34.77	PASS
		15	0		22.65	-7.68	12.82	3.00	34.77	PASS
		1	0	16QAM	23.10	-7.68	13.27	3.00	34.77	PASS
		1	7		22.84	-7.68	13.01	3.00	34.77	PASS
		1	14		22.78	-7.68	12.95	3.00	34.77	PASS
		8	0		22.68	-7.68	12.85	3.00	34.77	PASS
		8	4		22.72	-7.68	12.89	3.00	34.77	PASS
		8	7		22.54	-7.68	12.71	3.00	34.77	PASS
		15	0		22.52	-7.68	12.69	3.00	34.77	PASS
	Middle	1	0	QPSK	23.19	-7.68	13.36	3.00	34.77	PASS
		1	7		23.10	-7.68	13.27	3.00	34.77	PASS
		1	14		23.00	-7.68	13.17	3.00	34.77	PASS
		8	0		22.81	-7.68	12.98	3.00	34.77	PASS
		8	4		22.64	-7.68	12.81	3.00	34.77	PASS
		8	7		22.45	-7.68	12.62	3.00	34.77	PASS
		15	0		22.37	-7.68	12.54	3.00	34.77	PASS
		1	0	16QAM	23.18	-7.68	13.35	3.00	34.77	PASS
		1	7		23.04	-7.68	13.21	3.00	34.77	PASS
		1	14		22.86	-7.68	13.03	3.00	34.77	PASS
		8	0		22.64	-7.68	12.81	3.00	34.77	PASS
		8	4		22.49	-7.68	12.66	3.00	34.77	PASS
		8	7		22.40	-7.68	12.57	3.00	34.77	PASS
		15	0		22.21	-7.68	12.38	3.00	34.77	PASS
	Highest	1	0	QPSK	23.23	-7.68	13.40	3.00	34.77	PASS
		1	7		23.14	-7.68	13.31	3.00	34.77	PASS
		1	14		22.95	-7.68	13.12	3.00	34.77	PASS
		8	0		22.92	-7.68	13.09	3.00	34.77	PASS
		8	4		22.74	-7.68	12.91	3.00	34.77	PASS
		8	7		22.70	-7.68	12.87	3.00	34.77	PASS
		15	0		22.56	-7.68	12.73	3.00	34.77	PASS
		1	0	16QAM	23.04	-7.68	13.21	3.00	34.77	PASS
		1	7		23.07	-7.68	13.24	3.00	34.77	PASS
		1	14		22.92	-7.68	13.09	3.00	34.77	PASS
		8	0		22.75	-7.68	12.92	3.00	34.77	PASS
		8	4		22.63	-7.68	12.80	3.00	34.77	PASS
		8	7		22.66	-7.68	12.83	3.00	34.77	PASS
		15	0		22.47	-7.68	12.64	3.00	34.77	PASS



Radiated Power (ERP) for LTE Band 12 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	23.31	-7.68	13.48	3.00	34.77	PASS
		1	12		23.11	-7.68	13.28	3.00	34.77	PASS
		1	24		22.91	-7.68	13.08	3.00	34.77	PASS
		12	0		22.90	-7.68	13.07	3.00	34.77	PASS
		12	6		22.85	-7.68	13.02	3.00	34.77	PASS
		12	11		22.79	-7.68	12.96	3.00	34.77	PASS
		25	0		22.74	-7.68	12.91	3.00	34.77	PASS
		1	0	16QAM	23.13	-7.68	13.30	3.00	34.77	PASS
		1	12		22.97	-7.68	13.14	3.00	34.77	PASS
		1	24		22.83	-7.68	13.00	3.00	34.77	PASS
		12	0		22.83	-7.68	13.00	3.00	34.77	PASS
		12	6		22.78	-7.68	12.95	3.00	34.77	PASS
		12	11		22.64	-7.68	12.81	3.00	34.77	PASS
		25	0		22.69	-7.68	12.86	3.00	34.77	PASS
	Middle	1	0	QPSK	23.43	-7.68	13.60	3.00	34.77	PASS
		1	12		23.27	-7.68	13.44	3.00	34.77	PASS
		1	24		23.14	-7.68	13.31	3.00	34.77	PASS
		12	0		22.97	-7.68	13.14	3.00	34.77	PASS
		12	6		22.83	-7.68	13.00	3.00	34.77	PASS
		12	11		22.78	-7.68	12.95	3.00	34.77	PASS
		25	0		22.59	-7.68	12.76	3.00	34.77	PASS
		1	0	16QAM	23.42	-7.68	13.59	3.00	34.77	PASS
		1	12		23.11	-7.68	13.28	3.00	34.77	PASS
		1	24		23.04	-7.68	13.21	3.00	34.77	PASS
		12	0		22.79	-7.68	12.96	3.00	34.77	PASS
		12	6		22.74	-7.68	12.91	3.00	34.77	PASS
		12	11		22.60	-7.68	12.77	3.00	34.77	PASS
		25	0		22.57	-7.68	12.74	3.00	34.77	PASS
	Highest	1	0	QPSK	23.50	-7.68	13.67	3.00	34.77	PASS
		1	12		23.38	-7.68	13.55	3.00	34.77	PASS
		1	24		23.33	-7.68	13.50	3.00	34.77	PASS
		12	0		23.13	-7.68	13.30	3.00	34.77	PASS
		12	6		23.09	-7.68	13.26	3.00	34.77	PASS
		12	11		23.04	-7.68	13.21	3.00	34.77	PASS
		25	0		22.92	-7.68	13.09	3.00	34.77	PASS
		1	0	16QAM	23.38	-7.68	13.55	3.00	34.77	PASS
		1	12		23.37	-7.68	13.54	3.00	34.77	PASS
		1	24		23.13	-7.68	13.30	3.00	34.77	PASS
		12	0		23.12	-7.68	13.29	3.00	34.77	PASS
		12	6		22.93	-7.68	13.10	3.00	34.77	PASS
		12	11		22.89	-7.68	13.06	3.00	34.77	PASS
		25	0		22.76	-7.68	12.93	3.00	34.77	PASS



Radiated Power (ERP) for LTE Band 12 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	23.44	-7.68	13.61	3.00	34.77	PASS
		1	24		23.29	-7.68	13.46	3.00	34.77	PASS
		1	49		23.24	-7.68	13.41	3.00	34.77	PASS
		25	0		23.18	-7.68	13.35	3.00	34.77	PASS
		25	12		23.14	-7.68	13.31	3.00	34.77	PASS
		25	24		23.05	-7.68	13.22	3.00	34.77	PASS
		50	0		22.88	-7.68	13.05	3.00	34.77	PASS
		1	0	16QAM	23.42	-7.68	13.59	3.00	34.77	PASS
		1	24		23.22	-7.68	13.39	3.00	34.77	PASS
		1	49		23.11	-7.68	13.28	3.00	34.77	PASS
		25	0		23.02	-7.68	13.19	3.00	34.77	PASS
		25	12		23.14	-7.68	13.31	3.00	34.77	PASS
		25	24		23.05	-7.68	13.22	3.00	34.77	PASS
		50	0		22.71	-7.68	12.88	3.00	34.77	PASS
	Middle	1	0	QPSK	23.56	-7.68	13.73	3.00	34.77	PASS
		1	24		23.44	-7.68	13.61	3.00	34.77	PASS
		1	49		23.43	-7.68	13.60	3.00	34.77	PASS
		25	0		23.35	-7.68	13.52	3.00	34.77	PASS
		25	12		23.26	-7.68	13.43	3.00	34.77	PASS
		25	24		23.17	-7.68	13.34	3.00	34.77	PASS
		50	0		23.05	-7.68	13.22	3.00	34.77	PASS
		1	0	16QAM	23.43	-7.68	13.60	3.00	34.77	PASS
		1	24		23.43	-7.68	13.60	3.00	34.77	PASS
		1	49		23.24	-7.68	13.41	3.00	34.77	PASS
		25	0		23.29	-7.68	13.46	3.00	34.77	PASS
		25	12		23.20	-7.68	13.37	3.00	34.77	PASS
		25	24		23.16	-7.68	13.33	3.00	34.77	PASS
		50	0		22.98	-7.68	13.15	3.00	34.77	PASS
	Highest	1	0	QPSK	23.47	-7.68	13.64	3.00	34.77	PASS
		1	24		23.37	-7.68	13.54	3.00	34.77	PASS
		1	49		23.31	-7.68	13.48	3.00	34.77	PASS
		25	0		23.26	-7.68	13.43	3.00	34.77	PASS
		25	12		23.10	-7.68	13.27	3.00	34.77	PASS
		25	24		22.98	-7.68	13.15	3.00	34.77	PASS
		50	0		22.93	-7.68	13.10	3.00	34.77	PASS
		1	0	16QAM	23.46	-7.68	13.63	3.00	34.77	PASS
		1	24		23.29	-7.68	13.46	3.00	34.77	PASS
		1	49		23.26	-7.68	13.43	3.00	34.77	PASS
		25	0		23.07	-7.68	13.24	3.00	34.77	PASS
		25	12		22.99	-7.68	13.16	3.00	34.77	PASS
		25	24		22.95	-7.68	13.12	3.00	34.77	PASS
		50	0		22.93	-7.68	13.10	3.00	34.77	PASS



Radiated Power (ERP) for LTE Band 17 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	22.35	-7.68	12.52	3.00	34.77	PASS
		1	12		22.24	-7.68	12.41	3.00	34.77	PASS
		1	24		22.12	-7.68	12.29	3.00	34.77	PASS
		12	0		22.05	-7.68	12.22	3.00	34.77	PASS
		12	6		22.04	-7.68	12.21	3.00	34.77	PASS
		12	11		22.01	-7.68	12.18	3.00	34.77	PASS
		25	0		21.83	-7.68	12.00	3.00	34.77	PASS
		1	0	16QAM	22.34	-7.68	12.51	3.00	34.77	PASS
		1	12		22.09	-7.68	12.26	3.00	34.77	PASS
		1	24		21.96	-7.68	12.13	3.00	34.77	PASS
		12	0		22.00	-7.68	12.17	3.00	34.77	PASS
		12	6		21.91	-7.68	12.08	3.00	34.77	PASS
		12	11		22.01	-7.68	12.18	3.00	34.77	PASS
		25	0		21.70	-7.68	11.87	3.00	34.77	PASS
	Middle	1	0	QPSK	22.46	-7.68	12.63	3.00	34.77	PASS
		1	12		22.32	-7.68	12.49	3.00	34.77	PASS
		1	24		22.13	-7.68	12.30	3.00	34.77	PASS
		12	0		21.97	-7.68	12.14	3.00	34.77	PASS
		12	6		21.84	-7.68	12.01	3.00	34.77	PASS
		12	11		21.64	-7.68	11.81	3.00	34.77	PASS
		25	0		21.53	-7.68	11.70	3.00	34.77	PASS
		1	0	16QAM	22.45	-7.68	12.62	3.00	34.77	PASS
		1	12		22.30	-7.68	12.47	3.00	34.77	PASS
		1	24		22.05	-7.68	12.22	3.00	34.77	PASS
		12	0		21.87	-7.68	12.04	3.00	34.77	PASS
		12	6		21.83	-7.68	12.00	3.00	34.77	PASS
		12	11		21.49	-7.68	11.66	3.00	34.77	PASS
		25	0		21.52	-7.68	11.69	3.00	34.77	PASS
	Highest	1	0	QPSK	22.49	-7.68	12.66	3.00	34.77	PASS
		1	12		22.48	-7.68	12.65	3.00	34.77	PASS
		1	24		22.46	-7.68	12.63	3.00	34.77	PASS
		12	0		22.38	-7.68	12.55	3.00	34.77	PASS
		12	6		22.22	-7.68	12.39	3.00	34.77	PASS
		12	11		22.15	-7.68	12.32	3.00	34.77	PASS
		25	0		22.04	-7.68	12.21	3.00	34.77	PASS
		1	0	16QAM	22.31	-7.68	12.48	3.00	34.77	PASS
		1	12		22.31	-7.68	12.48	3.00	34.77	PASS
		1	24		22.41	-7.68	12.58	3.00	34.77	PASS
		12	0		22.32	-7.68	12.49	3.00	34.77	PASS
		12	6		22.15	-7.68	12.32	3.00	34.77	PASS
		12	11		22.04	-7.68	12.21	3.00	34.77	PASS
		25	0		22.01	-7.68	12.18	3.00	34.77	PASS



Radiated Power (ERP) for LTE Band 17 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	22.39	-7.68	12.56	3.00	34.77	PASS
		1	24		22.37	-7.68	12.54	3.00	34.77	PASS
		1	49		22.32	-7.68	12.49	3.00	34.77	PASS
		25	0		22.31	-7.68	12.48	3.00	34.77	PASS
		25	12		22.13	-7.68	12.30	3.00	34.77	PASS
		25	24		21.97	-7.68	12.14	3.00	34.77	PASS
		50	0		21.89	-7.68	12.06	3.00	34.77	PASS
		1	0	16QAM	22.23	-7.68	12.40	3.00	34.77	PASS
		1	24		22.34	-7.68	12.51	3.00	34.77	PASS
		1	49		22.27	-7.68	12.44	3.00	34.77	PASS
		25	0		22.24	-7.68	12.41	3.00	34.77	PASS
		25	12		22.04	-7.68	12.21	3.00	34.77	PASS
		25	24		21.89	-7.68	12.06	3.00	34.77	PASS
		50	0		21.89	-7.68	12.06	3.00	34.77	PASS
	Middle	1	0	QPSK	22.47	-7.68	12.64	3.00	34.77	PASS
		1	24		22.45	-7.68	12.62	3.00	34.77	PASS
		1	49		22.38	-7.68	12.55	3.00	34.77	PASS
		25	0		22.37	-7.68	12.54	3.00	34.77	PASS
		25	12		22.34	-7.68	12.51	3.00	34.77	PASS
		25	24		22.33	-7.68	12.50	3.00	34.77	PASS
		50	0		22.19	-7.68	12.36	3.00	34.77	PASS
		1	0	16QAM	22.42	-7.68	12.59	3.00	34.77	PASS
		1	24		22.41	-7.68	12.58	3.00	34.77	PASS
		1	49		22.20	-7.68	12.37	3.00	34.77	PASS
		25	0		22.33	-7.68	12.50	3.00	34.77	PASS
		25	12		22.24	-7.68	12.41	3.00	34.77	PASS
		25	24		22.21	-7.68	12.38	3.00	34.77	PASS
		50	0		22.03	-7.68	12.20	3.00	34.77	PASS
	Highest	1	0	QPSK	22.51	-7.68	12.68	3.00	34.77	PASS
		1	24		22.37	-7.68	12.54	3.00	34.77	PASS
		1	49		22.18	-7.68	12.35	3.00	34.77	PASS
		25	0		22.05	-7.68	12.22	3.00	34.77	PASS
		25	12		21.96	-7.68	12.13	3.00	34.77	PASS
		25	24		21.82	-7.68	11.99	3.00	34.77	PASS
		50	0		21.73	-7.68	11.90	3.00	34.77	PASS
		1	0	16QAM	22.47	-7.68	12.64	3.00	34.77	PASS
		1	24		22.35	-7.68	12.52	3.00	34.77	PASS
		1	49		22.14	-7.68	12.31	3.00	34.77	PASS
		25	0		21.88	-7.68	12.05	3.00	34.77	PASS
		25	12		21.93	-7.68	12.10	3.00	34.77	PASS
		25	24		21.76	-7.68	11.93	3.00	34.77	PASS
		50	0		21.54	-7.68	11.71	3.00	34.77	PASS



Radiated Power (EIRP) for LTE Band 25 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	22.34	-5.85	16.49	2.00	33.01	PASS
		1	2		22.18	-5.85	16.33	2.00	33.01	PASS
		1	5		22.01	-5.85	16.16	2.00	33.01	PASS
		3	0		21.99	-5.85	16.14	2.00	33.01	PASS
		3	1		21.81	-5.85	15.96	2.00	33.01	PASS
		3	2		21.63	-5.85	15.78	2.00	33.01	PASS
		6	0		21.47	-5.85	15.62	2.00	33.01	PASS
		1	0	16QAM	22.29	-5.85	16.44	2.00	33.01	PASS
		1	2		22.03	-5.85	16.18	2.00	33.01	PASS
		1	5		21.98	-5.85	16.13	2.00	33.01	PASS
		3	0		21.98	-5.85	16.13	2.00	33.01	PASS
		3	1		21.64	-5.85	15.79	2.00	33.01	PASS
		3	2		21.60	-5.85	15.75	2.00	33.01	PASS
		6	0		21.36	-5.85	15.51	2.00	33.01	PASS
	Middle	1	0	QPSK	22.47	-5.85	16.62	2.00	33.01	PASS
		1	2		22.29	-5.85	16.44	2.00	33.01	PASS
		1	5		22.27	-5.85	16.42	2.00	33.01	PASS
		3	0		22.18	-5.85	16.33	2.00	33.01	PASS
		3	1		22.02	-5.85	16.17	2.00	33.01	PASS
		3	2		21.99	-5.85	16.14	2.00	33.01	PASS
		6	0		21.94	-5.85	16.09	2.00	33.01	PASS
		1	0	16QAM	22.43	-5.85	16.58	2.00	33.01	PASS
		1	2		22.09	-5.85	16.24	2.00	33.01	PASS
		1	5		22.23	-5.85	16.38	2.00	33.01	PASS
		3	0		22.01	-5.85	16.16	2.00	33.01	PASS
		3	1		21.89	-5.85	16.04	2.00	33.01	PASS
		3	2		21.91	-5.85	16.06	2.00	33.01	PASS
		6	0		21.82	-5.85	15.97	2.00	33.01	PASS
	Highest	1	0	QPSK	22.41	-5.85	16.56	2.00	33.01	PASS
		1	2		22.31	-5.85	16.46	2.00	33.01	PASS
		1	5		22.21	-5.85	16.36	2.00	33.01	PASS
		3	0		22.14	-5.85	16.29	2.00	33.01	PASS
		3	1		22.05	-5.85	16.20	2.00	33.01	PASS
		3	2		21.96	-5.85	16.11	2.00	33.01	PASS
		6	0		21.96	-5.85	16.11	2.00	33.01	PASS
		1	0	16QAM	22.30	-5.85	16.45	2.00	33.01	PASS
		1	2		22.26	-5.85	16.41	2.00	33.01	PASS
		1	5		22.02	-5.85	16.17	2.00	33.01	PASS
		3	0		22.03	-5.85	16.18	2.00	33.01	PASS
		3	1		21.95	-5.85	16.10	2.00	33.01	PASS
		3	2		21.90	-5.85	16.05	2.00	33.01	PASS
		6	0		21.78	-5.85	15.93	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 25 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	22.37	-5.85	16.52	2.00	33.01	PASS
		1	7		22.19	-5.85	16.34	2.00	33.01	PASS
		1	14		22.01	-5.85	16.16	2.00	33.01	PASS
		8	0		21.87	-5.85	16.02	2.00	33.01	PASS
		8	4		21.72	-5.85	15.87	2.00	33.01	PASS
		8	7		21.53	-5.85	15.68	2.00	33.01	PASS
		15	0		21.43	-5.85	15.58	2.00	33.01	PASS
		1	0	16QAM	22.33	-5.85	16.48	2.00	33.01	PASS
		1	7		22.06	-5.85	16.21	2.00	33.01	PASS
		1	14		21.97	-5.85	16.12	2.00	33.01	PASS
		8	0		21.75	-5.85	15.90	2.00	33.01	PASS
		8	4		21.61	-5.85	15.76	2.00	33.01	PASS
		8	7		21.37	-5.85	15.52	2.00	33.01	PASS
		15	0		21.37	-5.85	15.52	2.00	33.01	PASS
	Middle	1	0	QPSK	22.50	-5.85	16.65	2.00	33.01	PASS
		1	7		22.30	-5.85	16.45	2.00	33.01	PASS
		1	14		22.10	-5.85	16.25	2.00	33.01	PASS
		8	0		21.91	-5.85	16.06	2.00	33.01	PASS
		8	4		21.73	-5.85	15.88	2.00	33.01	PASS
		8	7		21.68	-5.85	15.83	2.00	33.01	PASS
		15	0		21.67	-5.85	15.82	2.00	33.01	PASS
		1	0	16QAM	22.44	-5.85	16.59	2.00	33.01	PASS
		1	7		22.21	-5.85	16.36	2.00	33.01	PASS
		1	14		22.07	-5.85	16.22	2.00	33.01	PASS
		8	0		21.78	-5.85	15.93	2.00	33.01	PASS
		8	4		21.59	-5.85	15.74	2.00	33.01	PASS
		8	7		21.63	-5.85	15.78	2.00	33.01	PASS
		15	0		21.67	-5.85	15.82	2.00	33.01	PASS
	Highest	1	0	QPSK	22.49	-5.85	16.64	2.00	33.01	PASS
		1	7		22.45	-5.85	16.60	2.00	33.01	PASS
		1	14		22.41	-5.85	16.56	2.00	33.01	PASS
		8	0		22.37	-5.85	16.52	2.00	33.01	PASS
		8	4		22.18	-5.85	16.33	2.00	33.01	PASS
		8	7		22.11	-5.85	16.26	2.00	33.01	PASS
		15	0		21.99	-5.85	16.14	2.00	33.01	PASS
		1	0	16QAM	22.42	-5.85	16.57	2.00	33.01	PASS
		1	7		22.36	-5.85	16.51	2.00	33.01	PASS
		1	14		22.28	-5.85	16.43	2.00	33.01	PASS
		8	0		22.22	-5.85	16.37	2.00	33.01	PASS
		8	4		22.04	-5.85	16.19	2.00	33.01	PASS
		8	7		21.94	-5.85	16.09	2.00	33.01	PASS
		15	0		21.93	-5.85	16.08	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 25 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	22.53	-5.85	16.68	2.00	33.01	PASS
		1	12		22.49	-5.85	16.64	2.00	33.01	PASS
		1	24		22.47	-5.85	16.62	2.00	33.01	PASS
		12	0		22.39	-5.85	16.54	2.00	33.01	PASS
		12	6		22.30	-5.85	16.45	2.00	33.01	PASS
		12	11		22.23	-5.85	16.38	2.00	33.01	PASS
		25	0		22.04	-5.85	16.19	2.00	33.01	PASS
		1	0	16QAM	22.35	-5.85	16.50	2.00	33.01	PASS
		1	12		22.33	-5.85	16.48	2.00	33.01	PASS
		1	24		22.27	-5.85	16.42	2.00	33.01	PASS
		12	0		22.23	-5.85	16.38	2.00	33.01	PASS
		12	6		22.14	-5.85	16.29	2.00	33.01	PASS
		12	11		22.07	-5.85	16.22	2.00	33.01	PASS
		25	0		21.84	-5.85	15.99	2.00	33.01	PASS
	Middle	1	0	QPSK	22.29	-5.85	16.44	2.00	33.01	PASS
		1	12		22.21	-5.85	16.36	2.00	33.01	PASS
		1	24		22.02	-5.85	16.17	2.00	33.01	PASS
		12	0		21.85	-5.85	16.00	2.00	33.01	PASS
		12	6		21.78	-5.85	15.93	2.00	33.01	PASS
		12	11		21.73	-5.85	15.88	2.00	33.01	PASS
		25	0		21.54	-5.85	15.69	2.00	33.01	PASS
		1	0	16QAM	22.12	-5.85	16.27	2.00	33.01	PASS
		1	12		22.03	-5.85	16.18	2.00	33.01	PASS
		1	24		21.91	-5.85	16.06	2.00	33.01	PASS
		12	0		21.75	-5.85	15.90	2.00	33.01	PASS
		12	6		21.77	-5.85	15.92	2.00	33.01	PASS
		12	11		21.64	-5.85	15.79	2.00	33.01	PASS
		25	0		21.48	-5.85	15.63	2.00	33.01	PASS
	Highest	1	0	QPSK	22.43	-5.85	16.58	2.00	33.01	PASS
		1	12		22.25	-5.85	16.40	2.00	33.01	PASS
		1	24		22.17	-5.85	16.32	2.00	33.01	PASS
		12	0		22.08	-5.85	16.23	2.00	33.01	PASS
		12	6		21.90	-5.85	16.05	2.00	33.01	PASS
		12	11		21.73	-5.85	15.88	2.00	33.01	PASS
		25	0		21.61	-5.85	15.76	2.00	33.01	PASS
		1	0	16QAM	22.38	-5.85	16.53	2.00	33.01	PASS
		1	12		22.18	-5.85	16.33	2.00	33.01	PASS
		1	24		22.12	-5.85	16.27	2.00	33.01	PASS
		12	0		21.95	-5.85	16.10	2.00	33.01	PASS
		12	6		21.84	-5.85	15.99	2.00	33.01	PASS
		12	11		21.71	-5.85	15.86	2.00	33.01	PASS
		25	0		21.50	-5.85	15.65	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 25 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	22.61	-5.85	16.76	2.00	33.01	PASS
		1	24		22.61	-5.85	16.76	2.00	33.01	PASS
		1	49		22.49	-5.85	16.64	2.00	33.01	PASS
		25	0		22.45	-5.85	16.60	2.00	33.01	PASS
		25	12		22.28	-5.85	16.43	2.00	33.01	PASS
		25	24		22.16	-5.85	16.31	2.00	33.01	PASS
		50	0		22.02	-5.85	16.17	2.00	33.01	PASS
		1	0	16QAM	22.44	-5.85	16.59	2.00	33.01	PASS
		1	24		22.59	-5.85	16.74	2.00	33.01	PASS
		1	49		22.37	-5.85	16.52	2.00	33.01	PASS
		25	0		22.36	-5.85	16.51	2.00	33.01	PASS
		25	12		22.27	-5.85	16.42	2.00	33.01	PASS
		25	24		22.09	-5.85	16.24	2.00	33.01	PASS
		50	0		21.98	-5.85	16.13	2.00	33.01	PASS
	Middle	1	0	QPSK	22.74	-5.85	16.89	2.00	33.01	PASS
		1	24		22.58	-5.85	16.73	2.00	33.01	PASS
		1	49		22.53	-5.85	16.68	2.00	33.01	PASS
		25	0		22.50	-5.85	16.65	2.00	33.01	PASS
		25	12		22.37	-5.85	16.52	2.00	33.01	PASS
		25	24		22.18	-5.85	16.33	2.00	33.01	PASS
		50	0		22.04	-5.85	16.19	2.00	33.01	PASS
		1	0	16QAM	22.74	-5.85	16.89	2.00	33.01	PASS
		1	24		22.42	-5.85	16.57	2.00	33.01	PASS
		1	49		22.45	-5.85	16.60	2.00	33.01	PASS
		25	0		22.45	-5.85	16.60	2.00	33.01	PASS
		25	12		22.19	-5.85	16.34	2.00	33.01	PASS
		25	24		21.99	-5.85	16.14	2.00	33.01	PASS
		50	0		21.88	-5.85	16.03	2.00	33.01	PASS
	Highest	1	0	QPSK	22.76	-5.85	16.91	2.00	33.01	PASS
		1	24		22.59	-5.85	16.74	2.00	33.01	PASS
		1	49		22.52	-5.85	16.67	2.00	33.01	PASS
		25	0		22.33	-5.85	16.48	2.00	33.01	PASS
		25	12		22.13	-5.85	16.28	2.00	33.01	PASS
		25	24		22.04	-5.85	16.19	2.00	33.01	PASS
		50	0		21.97	-5.85	16.12	2.00	33.01	PASS
		1	0	16QAM	22.60	-5.85	16.75	2.00	33.01	PASS
		1	24		22.42	-5.85	16.57	2.00	33.01	PASS
		1	49		22.44	-5.85	16.59	2.00	33.01	PASS
		25	0		22.15	-5.85	16.30	2.00	33.01	PASS
		25	12		21.98	-5.85	16.13	2.00	33.01	PASS
		25	24		21.88	-5.85	16.03	2.00	33.01	PASS
		50	0		21.83	-5.85	15.98	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 25 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	22.83	-5.85	16.98	2.00	33.01	PASS
		1	37		22.74	-5.85	16.89	2.00	33.01	PASS
		1	74		22.59	-5.85	16.74	2.00	33.01	PASS
		36	0		22.44	-5.85	16.59	2.00	33.01	PASS
		36	18		22.28	-5.85	16.43	2.00	33.01	PASS
		36	39		22.22	-5.85	16.37	2.00	33.01	PASS
		75	0		22.16	-5.85	16.31	2.00	33.01	PASS
		1	0	16QAM	22.77	-5.85	16.92	2.00	33.01	PASS
		1	37		22.68	-5.85	16.83	2.00	33.01	PASS
		1	74		22.47	-5.85	16.62	2.00	33.01	PASS
		36	0		22.40	-5.85	16.55	2.00	33.01	PASS
		36	18		22.18	-5.85	16.33	2.00	33.01	PASS
		36	39		22.04	-5.85	16.19	2.00	33.01	PASS
		75	0		22.11	-5.85	16.26	2.00	33.01	PASS
	Middle	1	0	QPSK	22.79	-5.85	16.94	2.00	33.01	PASS
		1	37		22.75	-5.85	16.90	2.00	33.01	PASS
		1	74		22.72	-5.85	16.87	2.00	33.01	PASS
		36	0		22.55	-5.85	16.70	2.00	33.01	PASS
		36	18		22.49	-5.85	16.64	2.00	33.01	PASS
		36	39		22.44	-5.85	16.59	2.00	33.01	PASS
		75	0		22.39	-5.85	16.54	2.00	33.01	PASS
		1	0	16QAM	22.74	-5.85	16.89	2.00	33.01	PASS
		1	37		22.60	-5.85	16.75	2.00	33.01	PASS
		1	74		22.68	-5.85	16.83	2.00	33.01	PASS
		36	0		22.42	-5.85	16.57	2.00	33.01	PASS
		36	18		22.40	-5.85	16.55	2.00	33.01	PASS
		36	39		22.33	-5.85	16.48	2.00	33.01	PASS
		75	0		22.24	-5.85	16.39	2.00	33.01	PASS
	Highest	1	0	QPSK	22.85	-5.85	17.00	2.00	33.01	PASS
		1	37		22.73	-5.85	16.88	2.00	33.01	PASS
		1	74		22.67	-5.85	16.82	2.00	33.01	PASS
		36	0		22.59	-5.85	16.74	2.00	33.01	PASS
		36	18		22.57	-5.85	16.72	2.00	33.01	PASS
		36	39		22.47	-5.85	16.62	2.00	33.01	PASS
		75	0		22.29	-5.85	16.44	2.00	33.01	PASS
		1	0	16QAM	22.77	-5.85	16.92	2.00	33.01	PASS
		1	37		22.62	-5.85	16.77	2.00	33.01	PASS
		1	74		22.50	-5.85	16.65	2.00	33.01	PASS
		36	0		22.39	-5.85	16.54	2.00	33.01	PASS
		36	18		22.39	-5.85	16.54	2.00	33.01	PASS
		36	39		22.30	-5.85	16.45	2.00	33.01	PASS
		75	0		22.13	-5.85	16.28	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 25 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	23.03	-5.85	17.18	2.00	33.01	PASS
		1	49		23.02	-5.85	17.17	2.00	33.01	PASS
		1	99		23.02	-5.85	17.17	2.00	33.01	PASS
		50	0		22.94	-5.85	17.09	2.00	33.01	PASS
		50	24		22.81	-5.85	16.96	2.00	33.01	PASS
		50	49		22.67	-5.85	16.82	2.00	33.01	PASS
		100	0		22.60	-5.85	16.75	2.00	33.01	PASS
		1	0	16QAM	22.83	-5.85	16.98	2.00	33.01	PASS
		1	49		23.02	-5.85	17.17	2.00	33.01	PASS
		1	99		22.82	-5.85	16.97	2.00	33.01	PASS
		50	0		22.90	-5.85	17.05	2.00	33.01	PASS
		50	24		22.72	-5.85	16.87	2.00	33.01	PASS
		50	49		22.61	-5.85	16.76	2.00	33.01	PASS
		100	0		22.58	-5.85	16.73	2.00	33.01	PASS
	Middle	1	0	QPSK	23.27	-5.85	17.42	2.00	33.01	PASS
		1	49		23.18	-5.85	17.33	2.00	33.01	PASS
		1	99		22.99	-5.85	17.14	2.00	33.01	PASS
		50	0		22.83	-5.85	16.98	2.00	33.01	PASS
		50	24		22.72	-5.85	16.87	2.00	33.01	PASS
		50	49		22.66	-5.85	16.81	2.00	33.01	PASS
		100	0		22.61	-5.85	16.76	2.00	33.01	PASS
		1	0	16QAM	23.23	-5.85	17.38	2.00	33.01	PASS
		1	49		23.11	-5.85	17.26	2.00	33.01	PASS
		1	99		22.81	-5.85	16.96	2.00	33.01	PASS
		50	0		22.81	-5.85	16.96	2.00	33.01	PASS
		50	24		22.67	-5.85	16.82	2.00	33.01	PASS
		50	49		22.58	-5.85	16.73	2.00	33.01	PASS
		100	0		22.41	-5.85	16.56	2.00	33.01	PASS
	Highest	1	0	QPSK	23.18	-5.85	17.33	2.00	33.01	PASS
		1	49		23.09	-5.85	17.24	2.00	33.01	PASS
		1	99		23.07	-5.85	17.22	2.00	33.01	PASS
		50	0		22.91	-5.85	17.06	2.00	33.01	PASS
		50	24		22.80	-5.85	16.95	2.00	33.01	PASS
		50	49		22.61	-5.85	16.76	2.00	33.01	PASS
		100	0		22.55	-5.85	16.70	2.00	33.01	PASS
		1	0	16QAM	23.04	-5.85	17.19	2.00	33.01	PASS
		1	49		23.03	-5.85	17.18	2.00	33.01	PASS
		1	99		22.87	-5.85	17.02	2.00	33.01	PASS
		50	0		22.72	-5.85	16.87	2.00	33.01	PASS
		50	24		22.67	-5.85	16.82	2.00	33.01	PASS
		50	49		22.54	-5.85	16.69	2.00	33.01	PASS
		100	0		22.43	-5.85	16.58	2.00	33.01	PASS



Radiated Power (ERP) for LTE Band 26(Part 22) /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	22.53	-6.29	14.09	7.00	38.45	PASS
		1	2		22.41	-6.29	13.97	7.00	38.45	PASS
		1	5		22.25	-6.29	13.81	7.00	38.45	PASS
		3	0		22.11	-6.29	13.67	7.00	38.45	PASS
		3	1		22.04	-6.29	13.60	7.00	38.45	PASS
		3	2		21.95	-6.29	13.51	7.00	38.45	PASS
		6	0		21.78	-6.29	13.34	7.00	38.45	PASS
		1	0	16QAM	22.41	-6.29	13.97	7.00	38.45	PASS
		1	2		22.32	-6.29	13.88	7.00	38.45	PASS
		1	5		22.08	-6.29	13.64	7.00	38.45	PASS
		3	0		21.94	-6.29	13.50	7.00	38.45	PASS
		3	1		21.98	-6.29	13.54	7.00	38.45	PASS
		3	2		21.80	-6.29	13.36	7.00	38.45	PASS
		6	0		21.76	-6.29	13.32	7.00	38.45	PASS
	Middle	1	0	QPSK	22.56	-6.29	14.12	7.00	38.45	PASS
		1	2		22.46	-6.29	14.02	7.00	38.45	PASS
		1	5		22.39	-6.29	13.95	7.00	38.45	PASS
		3	0		22.33	-6.29	13.89	7.00	38.45	PASS
		3	1		22.16	-6.29	13.72	7.00	38.45	PASS
		3	2		22.15	-6.29	13.71	7.00	38.45	PASS
		6	0		22.10	-6.29	13.66	7.00	38.45	PASS
		1	0	16QAM	22.55	-6.29	14.11	7.00	38.45	PASS
		1	2		22.37	-6.29	13.93	7.00	38.45	PASS
		1	5		22.23	-6.29	13.79	7.00	38.45	PASS
		3	0		22.14	-6.29	13.70	7.00	38.45	PASS
		3	1		22.01	-6.29	13.57	7.00	38.45	PASS
		3	2		22.13	-6.29	13.69	7.00	38.45	PASS
		6	0		21.96	-6.29	13.52	7.00	38.45	PASS
	Highest	1	0	QPSK	22.47	-6.29	14.03	7.00	38.45	PASS
		1	2		22.27	-6.29	13.83	7.00	38.45	PASS
		1	5		22.21	-6.29	13.77	7.00	38.45	PASS
		3	0		22.14	-6.29	13.70	7.00	38.45	PASS
		3	1		21.99	-6.29	13.55	7.00	38.45	PASS
		3	2		21.97	-6.29	13.53	7.00	38.45	PASS
		6	0		21.77	-6.29	13.33	7.00	38.45	PASS
		1	0	16QAM	22.40	-6.29	13.96	7.00	38.45	PASS
		1	2		22.25	-6.29	13.81	7.00	38.45	PASS
		1	5		22.09	-6.29	13.65	7.00	38.45	PASS
		3	0		21.99	-6.29	13.55	7.00	38.45	PASS
		3	1		21.97	-6.29	13.53	7.00	38.45	PASS
		3	2		21.97	-6.29	13.53	7.00	38.45	PASS
		6	0		21.62	-6.29	13.18	7.00	38.45	PASS



Radiated Power (ERP) for LTE Band 26(Part 22) /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	22.61	-6.29	14.17	7.00	38.45	PASS
		1	7		22.50	-6.29	14.06	7.00	38.45	PASS
		1	14		22.40	-6.29	13.96	7.00	38.45	PASS
		8	0		22.34	-6.29	13.90	7.00	38.45	PASS
		8	4		22.29	-6.29	13.85	7.00	38.45	PASS
		8	7		22.23	-6.29	13.79	7.00	38.45	PASS
		15	0		22.20	-6.29	13.76	7.00	38.45	PASS
		1	0	16QAM	22.58	-6.29	14.14	7.00	38.45	PASS
		1	7		22.48	-6.29	14.04	7.00	38.45	PASS
		1	14		22.36	-6.29	13.92	7.00	38.45	PASS
		8	0		22.17	-6.29	13.73	7.00	38.45	PASS
		8	4		22.15	-6.29	13.71	7.00	38.45	PASS
		8	7		22.18	-6.29	13.74	7.00	38.45	PASS
		15	0		22.10	-6.29	13.66	7.00	38.45	PASS
	Middle	1	0	QPSK	22.68	-6.29	14.24	7.00	38.45	PASS
		1	7		22.54	-6.29	14.10	7.00	38.45	PASS
		1	14		22.44	-6.29	14.00	7.00	38.45	PASS
		8	0		22.33	-6.29	13.89	7.00	38.45	PASS
		8	4		22.26	-6.29	13.82	7.00	38.45	PASS
		8	7		22.17	-6.29	13.73	7.00	38.45	PASS
		15	0		22.14	-6.29	13.70	7.00	38.45	PASS
		1	0	16QAM	22.52	-6.29	14.08	7.00	38.45	PASS
		1	7		22.40	-6.29	13.96	7.00	38.45	PASS
		1	14		22.43	-6.29	13.99	7.00	38.45	PASS
		8	0		22.22	-6.29	13.78	7.00	38.45	PASS
		8	4		22.09	-6.29	13.65	7.00	38.45	PASS
		8	7		21.98	-6.29	13.54	7.00	38.45	PASS
		15	0		22.01	-6.29	13.57	7.00	38.45	PASS
	Highest	1	0	QPSK	22.57	-6.29	14.13	7.00	38.45	PASS
		1	7		22.48	-6.29	14.04	7.00	38.45	PASS
		1	14		22.33	-6.29	13.89	7.00	38.45	PASS
		8	0		22.29	-6.29	13.85	7.00	38.45	PASS
		8	4		22.12	-6.29	13.68	7.00	38.45	PASS
		8	7		22.08	-6.29	13.64	7.00	38.45	PASS
		15	0		22.00	-6.29	13.56	7.00	38.45	PASS
		1	0	16QAM	22.37	-6.29	13.93	7.00	38.45	PASS
		1	7		22.41	-6.29	13.97	7.00	38.45	PASS
		1	14		22.28	-6.29	13.84	7.00	38.45	PASS
		8	0		22.19	-6.29	13.75	7.00	38.45	PASS
		8	4		22.03	-6.29	13.59	7.00	38.45	PASS
		8	7		21.96	-6.29	13.52	7.00	38.45	PASS
		15	0		21.97	-6.29	13.53	7.00	38.45	PASS



Radiated Power (ERP) for LTE Band 26(Part 22) /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	22.63	-6.29	14.19	7.00	38.45	PASS
		1	12		22.55	-6.29	14.11	7.00	38.45	PASS
		1	24		22.48	-6.29	14.04	7.00	38.45	PASS
		12	0		22.31	-6.29	13.87	7.00	38.45	PASS
		12	6		22.17	-6.29	13.73	7.00	38.45	PASS
		12	11		22.00	-6.29	13.56	7.00	38.45	PASS
		25	0		21.88	-6.29	13.44	7.00	38.45	PASS
		1	0	16QAM	22.62	-6.29	14.18	7.00	38.45	PASS
		1	12		22.38	-6.29	13.94	7.00	38.45	PASS
		1	24		22.37	-6.29	13.93	7.00	38.45	PASS
		12	0		22.28	-6.29	13.84	7.00	38.45	PASS
		12	6		22.11	-6.29	13.67	7.00	38.45	PASS
		12	11		21.88	-6.29	13.44	7.00	38.45	PASS
		25	0		21.87	-6.29	13.43	7.00	38.45	PASS
	Middle	1	0	QPSK	22.69	-6.29	14.25	7.00	38.45	PASS
		1	12		22.60	-6.29	14.16	7.00	38.45	PASS
		1	24		22.56	-6.29	14.12	7.00	38.45	PASS
		12	0		22.43	-6.29	13.99	7.00	38.45	PASS
		12	6		22.37	-6.29	13.93	7.00	38.45	PASS
		12	11		22.27	-6.29	13.83	7.00	38.45	PASS
		25	0		22.13	-6.29	13.69	7.00	38.45	PASS
		1	0	16QAM	22.51	-6.29	14.07	7.00	38.45	PASS
		1	12		22.40	-6.29	13.96	7.00	38.45	PASS
		1	24		22.38	-6.29	13.94	7.00	38.45	PASS
		12	0		22.41	-6.29	13.97	7.00	38.45	PASS
		12	6		22.27	-6.29	13.83	7.00	38.45	PASS
		12	11		22.09	-6.29	13.65	7.00	38.45	PASS
		25	0		22.13	-6.29	13.69	7.00	38.45	PASS
	Highest	1	0	QPSK	22.58	-6.29	14.14	7.00	38.45	PASS
		1	12		22.43	-6.29	13.99	7.00	38.45	PASS
		1	24		22.30	-6.29	13.86	7.00	38.45	PASS
		12	0		22.15	-6.29	13.71	7.00	38.45	PASS
		12	6		21.95	-6.29	13.51	7.00	38.45	PASS
		12	11		21.81	-6.29	13.37	7.00	38.45	PASS
		25	0		21.81	-6.29	13.37	7.00	38.45	PASS
		1	0	16QAM	22.39	-6.29	13.95	7.00	38.45	PASS
		1	12		22.36	-6.29	13.92	7.00	38.45	PASS
		1	24		22.16	-6.29	13.72	7.00	38.45	PASS
		12	0		22.04	-6.29	13.60	7.00	38.45	PASS
		12	6		21.81	-6.29	13.37	7.00	38.45	PASS
		12	11		21.68	-6.29	13.24	7.00	38.45	PASS
		25	0		21.63	-6.29	13.19	7.00	38.45	PASS



Radiated Power (ERP) for LTE Band 26(Part 22) /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	22.74	-6.29	14.30	7.00	38.45	PASS
		1	24		22.55	-6.29	14.11	7.00	38.45	PASS
		1	49		22.36	-6.29	13.92	7.00	38.45	PASS
		25	0		22.36	-6.29	13.92	7.00	38.45	PASS
		25	12		22.16	-6.29	13.72	7.00	38.45	PASS
		25	24		22.03	-6.29	13.59	7.00	38.45	PASS
		50	0		21.90	-6.29	13.46	7.00	38.45	PASS
		1	0	16QAM	22.63	-6.29	14.19	7.00	38.45	PASS
		1	24		22.40	-6.29	13.96	7.00	38.45	PASS
		1	49		22.22	-6.29	13.78	7.00	38.45	PASS
		25	0		22.25	-6.29	13.81	7.00	38.45	PASS
		25	12		22.09	-6.29	13.65	7.00	38.45	PASS
		25	24		22.02	-6.29	13.58	7.00	38.45	PASS
		50	0		21.88	-6.29	13.44	7.00	38.45	PASS
	Middle	1	0	QPSK	22.85	-6.29	14.41	7.00	38.45	PASS
		1	24		22.78	-6.29	14.34	7.00	38.45	PASS
		1	49		22.71	-6.29	14.27	7.00	38.45	PASS
		25	0		22.68	-6.29	14.24	7.00	38.45	PASS
		25	12		22.61	-6.29	14.17	7.00	38.45	PASS
		25	24		22.50	-6.29	14.06	7.00	38.45	PASS
		50	0		22.42	-6.29	13.98	7.00	38.45	PASS
		1	0	16QAM	22.81	-6.29	14.37	7.00	38.45	PASS
		1	24		22.68	-6.29	14.24	7.00	38.45	PASS
		1	49		22.67	-6.29	14.23	7.00	38.45	PASS
		25	0		22.51	-6.29	14.07	7.00	38.45	PASS
		25	12		22.59	-6.29	14.15	7.00	38.45	PASS
		25	24		22.34	-6.29	13.90	7.00	38.45	PASS
		50	0		22.26	-6.29	13.82	7.00	38.45	PASS
	Highest	1	0	QPSK	22.79	-6.29	14.35	7.00	38.45	PASS
		1	24		22.77	-6.29	14.33	7.00	38.45	PASS
		1	49		22.64	-6.29	14.20	7.00	38.45	PASS
		25	0		22.46	-6.29	14.02	7.00	38.45	PASS
		25	12		22.36	-6.29	13.92	7.00	38.45	PASS
		25	24		22.23	-6.29	13.79	7.00	38.45	PASS
		50	0		22.10	-6.29	13.66	7.00	38.45	PASS
		1	0	16QAM	22.63	-6.29	14.19	7.00	38.45	PASS
		1	24		22.75	-6.29	14.31	7.00	38.45	PASS
		1	49		22.46	-6.29	14.02	7.00	38.45	PASS
		25	0		22.43	-6.29	13.99	7.00	38.45	PASS
		25	12		22.33	-6.29	13.89	7.00	38.45	PASS
		25	24		22.19	-6.29	13.75	7.00	38.45	PASS
		50	0		22.09	-6.29	13.65	7.00	38.45	PASS



Radiated Power (ERP) for LTE Band 26(Part 22) /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	22.87	-6.29	14.43	7.00	38.45	PASS
		1	24		22.86	-6.29	14.42	7.00	38.45	PASS
		1	49		22.78	-6.29	14.34	7.00	38.45	PASS
		25	0		22.61	-6.29	14.17	7.00	38.45	PASS
		25	12		22.53	-6.29	14.09	7.00	38.45	PASS
		25	24		22.37	-6.29	13.93	7.00	38.45	PASS
		50	0		22.17	-6.29	13.73	7.00	38.45	PASS
		1	0	16QAM	22.70	-6.29	14.26	7.00	38.45	PASS
		1	24		22.80	-6.29	14.36	7.00	38.45	PASS
		1	49		22.66	-6.29	14.22	7.00	38.45	PASS
		25	0		22.44	-6.29	14.00	7.00	38.45	PASS
		25	12		22.51	-6.29	14.07	7.00	38.45	PASS
		25	24		22.29	-6.29	13.85	7.00	38.45	PASS
		50	0		22.16	-6.29	13.72	7.00	38.45	PASS
	Middle	1	0	QPSK	22.96	-6.29	14.52	7.00	38.45	PASS
		1	24		22.83	-6.29	14.39	7.00	38.45	PASS
		1	49		22.72	-6.29	14.28	7.00	38.45	PASS
		25	0		22.64	-6.29	14.20	7.00	38.45	PASS
		25	12		22.63	-6.29	14.19	7.00	38.45	PASS
		25	24		22.48	-6.29	14.04	7.00	38.45	PASS
		50	0		22.31	-6.29	13.87	7.00	38.45	PASS
		1	0	16QAM	22.90	-6.29	14.46	7.00	38.45	PASS
		1	24		22.75	-6.29	14.31	7.00	38.45	PASS
		1	49		22.56	-6.29	14.12	7.00	38.45	PASS
		25	0		22.47	-6.29	14.03	7.00	38.45	PASS
		25	12		22.59	-6.29	14.15	7.00	38.45	PASS
		25	24		22.28	-6.29	13.84	7.00	38.45	PASS
		50	0		22.27	-6.29	13.83	7.00	38.45	PASS
	Highest	1	0	QPSK	22.91	-6.29	14.47	7.00	38.45	PASS
		1	24		22.84	-6.29	14.40	7.00	38.45	PASS
		1	49		22.69	-6.29	14.25	7.00	38.45	PASS
		25	0		22.67	-6.29	14.23	7.00	38.45	PASS
		25	12		22.55	-6.29	14.11	7.00	38.45	PASS
		25	24		22.35	-6.29	13.91	7.00	38.45	PASS
		50	0		22.27	-6.29	13.83	7.00	38.45	PASS
		1	0	16QAM	22.77	-6.29	14.33	7.00	38.45	PASS
		1	24		22.84	-6.29	14.40	7.00	38.45	PASS
		1	49		22.52	-6.29	14.08	7.00	38.45	PASS
		25	0		22.55	-6.29	14.11	7.00	38.45	PASS
		25	12		22.49	-6.29	14.05	7.00	38.45	PASS
		25	24		22.26	-6.29	13.82	7.00	38.45	PASS
		50	0		22.13	-6.29	13.69	7.00	38.45	PASS



Radiated Power (ERP) for LTE Band 26(Part 90) /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	22.58	-6.32	14.11	100.00	50.00	PASS
		1	2		22.38	-6.32	13.91	100.00	50.00	PASS
		1	5		22.23	-6.32	13.76	100.00	50.00	PASS
		3	0		22.19	-6.32	13.72	100.00	50.00	PASS
		3	1		22.12	-6.32	13.65	100.00	50.00	PASS
		3	2		22.05	-6.32	13.58	100.00	50.00	PASS
		6	0		22.02	-6.32	13.55	100.00	50.00	PASS
		1	0	16QAM	22.49	-6.32	14.02	100.00	50.00	PASS
		1	2		22.37	-6.32	13.90	100.00	50.00	PASS
		1	5		22.23	-6.32	13.76	100.00	50.00	PASS
		3	0		22.02	-6.32	13.55	100.00	50.00	PASS
		3	1		22.03	-6.32	13.56	100.00	50.00	PASS
		3	2		21.95	-6.32	13.48	100.00	50.00	PASS
		6	0		21.86	-6.32	13.39	100.00	50.00	PASS
	Middle	1	0	QPSK	22.67	-6.32	14.20	100.00	50.00	PASS
		1	2		22.53	-6.32	14.06	100.00	50.00	PASS
		1	5		22.33	-6.32	13.86	100.00	50.00	PASS
		3	0		22.22	-6.32	13.75	100.00	50.00	PASS
		3	1		22.21	-6.32	13.74	100.00	50.00	PASS
		3	2		22.17	-6.32	13.70	100.00	50.00	PASS
		6	0		22.12	-6.32	13.65	100.00	50.00	PASS
		1	0	16QAM	22.56	-6.32	14.09	100.00	50.00	PASS
		1	2		22.53	-6.32	14.06	100.00	50.00	PASS
		1	5		22.29	-6.32	13.82	100.00	50.00	PASS
		3	0		22.20	-6.32	13.73	100.00	50.00	PASS
		3	1		22.04	-6.32	13.57	100.00	50.00	PASS
		3	2		22.12	-6.32	13.65	100.00	50.00	PASS
		6	0		21.94	-6.32	13.47	100.00	50.00	PASS
	Highest	1	0	QPSK	22.64	-6.32	14.17	100.00	50.00	PASS
		1	2		22.48	-6.32	14.01	100.00	50.00	PASS
		1	5		22.40	-6.32	13.93	100.00	50.00	PASS
		3	0		22.30	-6.32	13.83	100.00	50.00	PASS
		3	1		22.20	-6.32	13.73	100.00	50.00	PASS
		3	2		22.19	-6.32	13.72	100.00	50.00	PASS
		6	0		22.15	-6.32	13.68	100.00	50.00	PASS
		1	0	16QAM	22.61	-6.32	14.14	100.00	50.00	PASS
		1	2		22.37	-6.32	13.90	100.00	50.00	PASS
		1	5		22.22	-6.32	13.75	100.00	50.00	PASS
		3	0		22.28	-6.32	13.81	100.00	50.00	PASS
		3	1		22.02	-6.32	13.55	100.00	50.00	PASS
		3	2		22.09	-6.32	13.62	100.00	50.00	PASS
		6	0		22.05	-6.32	13.58	100.00	50.00	PASS



Radiated Power (ERP) for LTE Band 26(Part 90) /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	22.61	-6.32	14.14	100.00	50.00	PASS
		1	7		22.44	-6.32	13.97	100.00	50.00	PASS
		1	14		22.44	-6.32	13.97	100.00	50.00	PASS
		8	0		22.27	-6.32	13.80	100.00	50.00	PASS
		8	4		22.21	-6.32	13.74	100.00	50.00	PASS
		8	7		22.20	-6.32	13.73	100.00	50.00	PASS
		15	0		22.11	-6.32	13.64	100.00	50.00	PASS
		1	0	16QAM	22.59	-6.32	14.12	100.00	50.00	PASS
		1	7		22.30	-6.32	13.83	100.00	50.00	PASS
		1	14		22.33	-6.32	13.86	100.00	50.00	PASS
		8	0		22.24	-6.32	13.77	100.00	50.00	PASS
		8	4		22.03	-6.32	13.56	100.00	50.00	PASS
		8	7		22.16	-6.32	13.69	100.00	50.00	PASS
		15	0		22.04	-6.32	13.57	100.00	50.00	PASS
	Middle	1	0	QPSK	22.70	-6.32	14.23	100.00	50.00	PASS
		1	7		22.64	-6.32	14.17	100.00	50.00	PASS
		1	14		22.56	-6.32	14.09	100.00	50.00	PASS
		8	0		22.43	-6.32	13.96	100.00	50.00	PASS
		8	4		22.32	-6.32	13.85	100.00	50.00	PASS
		8	7		22.29	-6.32	13.82	100.00	50.00	PASS
		15	0		22.21	-6.32	13.74	100.00	50.00	PASS
		1	0	16QAM	22.59	-6.32	14.12	100.00	50.00	PASS
		1	7		22.52	-6.32	14.05	100.00	50.00	PASS
		1	14		22.54	-6.32	14.07	100.00	50.00	PASS
		8	0		22.38	-6.32	13.91	100.00	50.00	PASS
		8	4		22.28	-6.32	13.81	100.00	50.00	PASS
		8	7		22.25	-6.32	13.78	100.00	50.00	PASS
		15	0		22.04	-6.32	13.57	100.00	50.00	PASS
	Highest	1	0	QPSK	22.69	-6.32	14.22	100.00	50.00	PASS
		1	7		22.51	-6.32	14.04	100.00	50.00	PASS
		1	14		22.38	-6.32	13.91	100.00	50.00	PASS
		8	0		22.22	-6.32	13.75	100.00	50.00	PASS
		8	4		22.20	-6.32	13.73	100.00	50.00	PASS
		8	7		22.03	-6.32	13.56	100.00	50.00	PASS
		15	0		21.83	-6.32	13.36	100.00	50.00	PASS
		1	0	16QAM	22.63	-6.32	14.16	100.00	50.00	PASS
		1	7		22.38	-6.32	13.91	100.00	50.00	PASS
		1	14		22.30	-6.32	13.83	100.00	50.00	PASS
		8	0		22.09	-6.32	13.62	100.00	50.00	PASS
		8	4		22.02	-6.32	13.55	100.00	50.00	PASS
		8	7		21.90	-6.32	13.43	100.00	50.00	PASS
		15	0		21.66	-6.32	13.19	100.00	50.00	PASS



Radiated Power (ERP) for LTE Band 26(Part 90) /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	22.73	-6.32	14.26	100.00	50.00	PASS
		1	12		22.68	-6.32	14.21	100.00	50.00	PASS
		1	24		22.65	-6.32	14.18	100.00	50.00	PASS
		12	0		22.55	-6.32	14.08	100.00	50.00	PASS
		12	6		22.40	-6.32	13.93	100.00	50.00	PASS
		12	11		22.21	-6.32	13.74	100.00	50.00	PASS
		25	0		22.15	-6.32	13.68	100.00	50.00	PASS
		1	0	16QAM	22.60	-6.32	14.13	100.00	50.00	PASS
		1	12		22.67	-6.32	14.20	100.00	50.00	PASS
		1	24		22.53	-6.32	14.06	100.00	50.00	PASS
		12	0		22.49	-6.32	14.02	100.00	50.00	PASS
		12	6		22.25	-6.32	13.78	100.00	50.00	PASS
		12	11		22.16	-6.32	13.69	100.00	50.00	PASS
		25	0		22.07	-6.32	13.60	100.00	50.00	PASS
	Middle	1	0	QPSK	22.84	-6.32	14.37	100.00	50.00	PASS
		1	12		22.70	-6.32	14.23	100.00	50.00	PASS
		1	24		22.69	-6.32	14.22	100.00	50.00	PASS
		12	0		22.67	-6.32	14.20	100.00	50.00	PASS
		12	6		22.52	-6.32	14.05	100.00	50.00	PASS
		12	11		22.33	-6.32	13.86	100.00	50.00	PASS
		25	0		22.21	-6.32	13.74	100.00	50.00	PASS
		1	0	16QAM	22.82	-6.32	14.35	100.00	50.00	PASS
		1	12		22.65	-6.32	14.18	100.00	50.00	PASS
		1	24		22.53	-6.32	14.06	100.00	50.00	PASS
		12	0		22.56	-6.32	14.09	100.00	50.00	PASS
		12	6		22.34	-6.32	13.87	100.00	50.00	PASS
		12	11		22.28	-6.32	13.81	100.00	50.00	PASS
		25	0		22.18	-6.32	13.71	100.00	50.00	PASS
	Highest	1	0	QPSK	22.89	-6.32	14.42	100.00	50.00	PASS
		1	12		22.88	-6.32	14.41	100.00	50.00	PASS
		1	24		22.79	-6.32	14.32	100.00	50.00	PASS
		12	0		22.76	-6.32	14.29	100.00	50.00	PASS
		12	6		22.63	-6.32	14.16	100.00	50.00	PASS
		12	11		22.47	-6.32	14.00	100.00	50.00	PASS
		25	0		22.34	-6.32	13.87	100.00	50.00	PASS
		1	0	16QAM	22.86	-6.32	14.39	100.00	50.00	PASS
		1	12		22.87	-6.32	14.40	100.00	50.00	PASS
		1	24		22.64	-6.32	14.17	100.00	50.00	PASS
		12	0		22.71	-6.32	14.24	100.00	50.00	PASS
		12	6		22.53	-6.32	14.06	100.00	50.00	PASS
		12	11		22.40	-6.32	13.93	100.00	50.00	PASS
		25	0		22.21	-6.32	13.74	100.00	50.00	PASS



Radiated Power (ERP) for LTE Band 26(Part 90) /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
10	Middle	1	0	QPSK	22.95	-6.32	14.48	100.00	50.00	PASS
		1	24		22.82	-6.32	14.35	100.00	50.00	PASS
		1	49		22.76	-6.32	14.29	100.00	50.00	PASS
		25	0		22.64	-6.32	14.17	100.00	50.00	PASS
		25	12		22.56	-6.32	14.09	100.00	50.00	PASS
		25	24		22.37	-6.32	13.90	100.00	50.00	PASS
		50	0		22.36	-6.32	13.89	100.00	50.00	PASS
		1	0	16QAM	22.80	-6.32	14.33	100.00	50.00	PASS
		1	24		22.79	-6.32	14.32	100.00	50.00	PASS
		1	49		22.70	-6.32	14.23	100.00	50.00	PASS
		25	0		22.58	-6.32	14.11	100.00	50.00	PASS
		25	12		22.37	-6.32	13.90	100.00	50.00	PASS
		25	24		22.22	-6.32	13.75	100.00	50.00	PASS
		50	0		22.20	-6.32	13.73	100.00	50.00	PASS



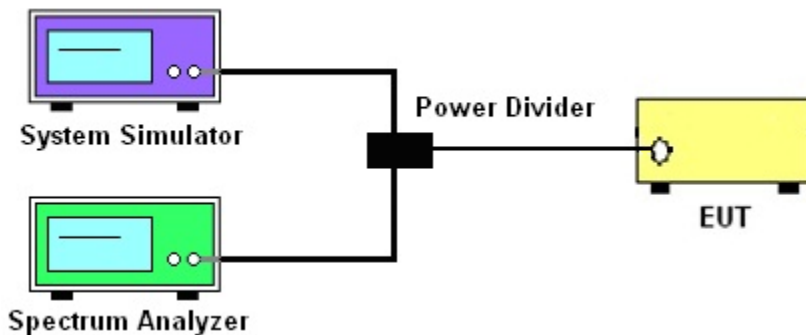
4. PEAK-TO-AVERAGE RATIO

4.1 DESCRIPTION OF THE CONDUCTED OUTPUT POWER MEASUREMENT

4.1.1 MEASUREMENT METHOD

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

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.

4.1.4 TEST RESULTS

Note: The test data please reference to attachment “STS2207124W02_Appendix LTE”.

5. OCCUPIED BANDWIDTH

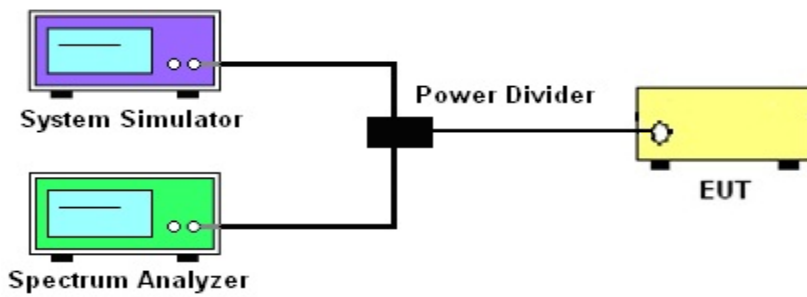
5.1 DESCRIPTION OF OCCUPIED BANDWIDTH MEASUREMENT

5.1.1 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.

5.1.2 TEST SETUP



5.1.3 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.

5.1.4 MEASUREMENT RESULT

Note: The test data please reference to attachment "STS2207124W02_Appendix LTE".



6. CONDUCTED BAND EDGE

6.1 DESCRIPTION OF CONDUCTED BAND EDGE MEASUREMENT

6.1.1 MEASUREMENT METHOD

1. §22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ 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 $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ 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 $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ 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.

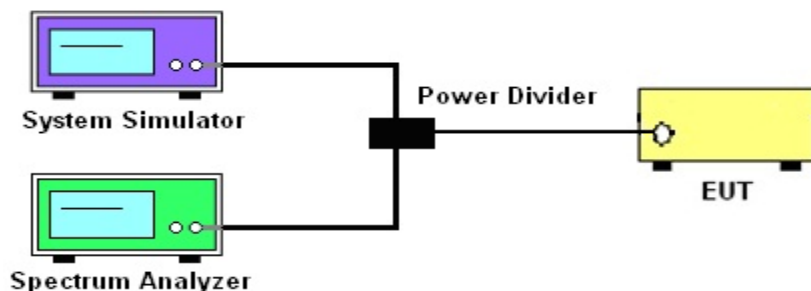
4. §27.53(m)(4)

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 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against 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 $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ 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.

6.1.2 TEST SETUP



6.1.3 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 $\geq 1\%$ 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 frequency band.
6. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$$

$$= -13\text{dBm}.$$

Band 7:

$$= P(W) - [55 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [55 + 10\log(P)] \text{ (dB)}$$

$$= -25\text{dBm}.$$

6.1.4 MEASUREMENT RESULT

Note: The test data please reference to attachment "STS2207124W02_Appendix LTE".

7. CONDUCTED SPURIOUS EMISSION

7.1 DESCRIPTION OF CONDUCTED SPURIOUS EMISSION MEASUREMENT

7.1.1 MEASUREMENT METHOD

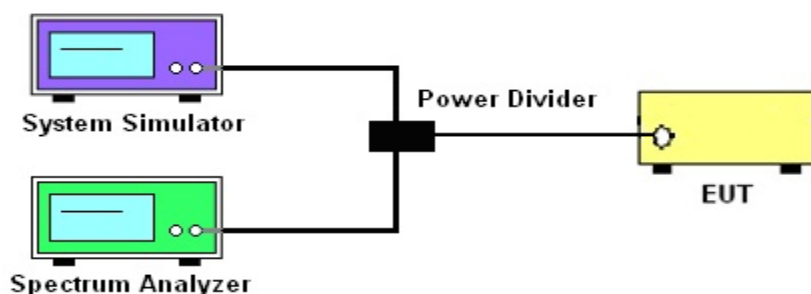
The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

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.

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 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 frequency band.
6. The limit line is derived from $43 + 10 \log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10 \log(P)] \text{ (dB)} = [30 + 10 \log(P)] \text{ (dBm)} - [43 + 10 \log(P)] \text{ (dB)}$
 $= -13 \text{ dBm}$.
 For Band 7: $P(W) - [43 + 10 \log(P)] \text{ (dB)} = -25 \text{ dBm}$

7.1.4 TEST RESULTS

Note: The test data please reference to attachment "STS2207124W02_Appendix LTE".

8. RADIATED SPURIOUS EMISSION

8.1 DESCRIPTION OF RADIATED SPURIOUS EMISSION

8.1.1 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 be 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.

8.1.2 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, $RSE = Rx (dBuV) + CL (dB) + SA (dB) + Gain (dBi) - 107 (dBuV \text{ to } dBm)$ The SA is calibrated using following setup.

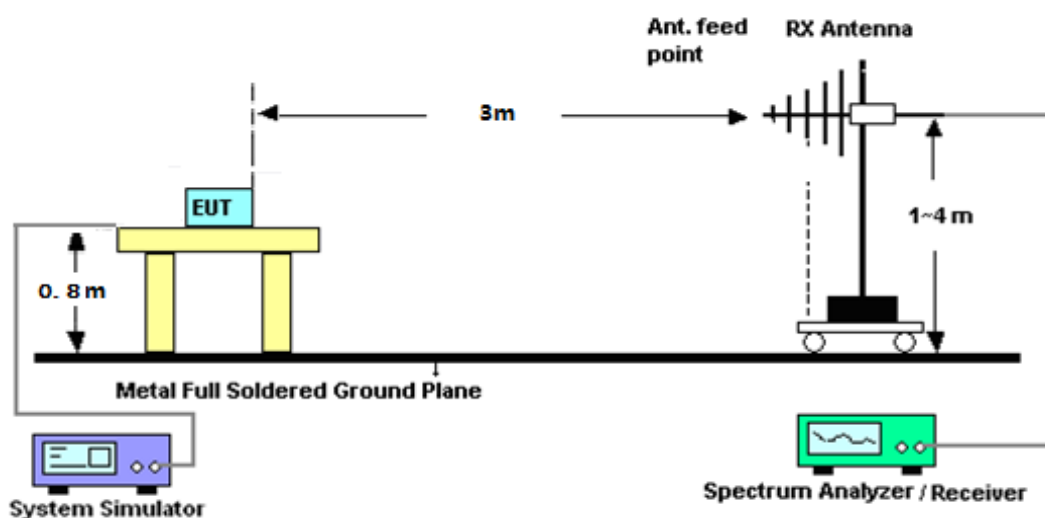
b) EUT was placed on 1.5 m non-conductive stand at a 3 m test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 m from the test item for emission measurements. The height of receiving antenna is 0.8m. The test setup refers to figure below. Detected emissions were 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.

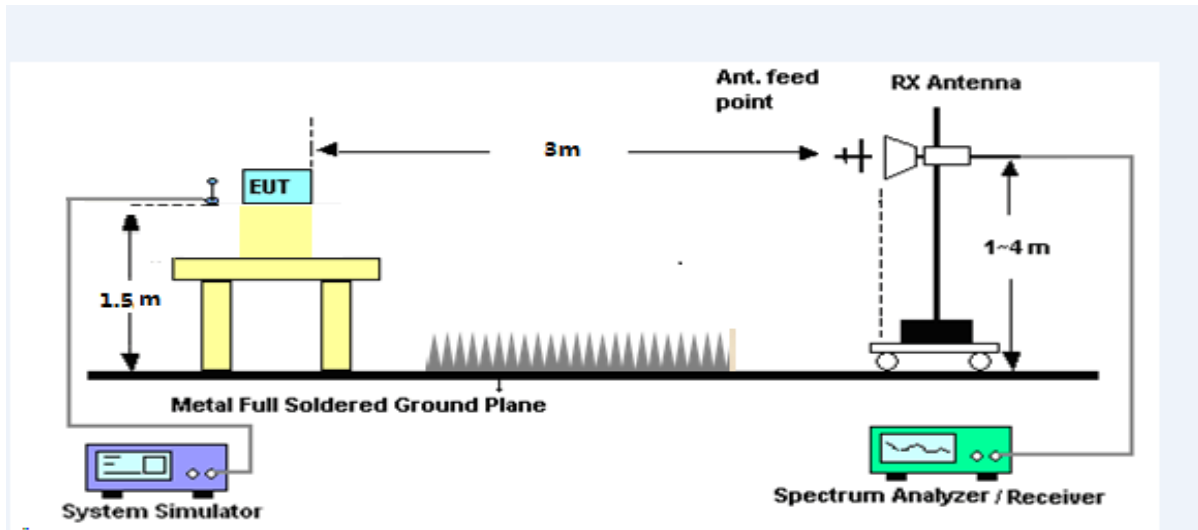
The substitution method is used. Substitution values at each frequency are measured before and saved to the test software. A "reference path loss" is established and the ARpl is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable 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



8.1.3 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 $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)] \text{ (dB)}$
 $= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$
 $= -13\text{dBm}$

For Band 7:

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= [30 + 10\log(P)] \text{ (dBm)} - [55 + 10\log(P)] \text{ (dB)}$
 $= -25\text{dBm}$

$P_{\text{Mea}} = S.G \text{ Level} + \text{Ant-Cable loss}; \text{Margin} = P_{\text{Mea}} - \text{Limit}.$



8.1.4 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
3701.43	-33.98	12.60	12.93	-34.31	-13.00	-21.31	H
5551.92	-34.70	13.10	17.11	-38.71	-13.00	-25.71	H
7402.55	-33.36	11.50	22.20	-44.06	-13.00	-31.06	H
3701.43	-34.54	12.60	12.93	-34.87	-13.00	-21.87	V
5551.92	-35.06	13.10	17.11	-39.07	-13.00	-26.07	V
7402.55	-32.15	11.50	22.20	-42.85	-13.00	-29.85	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
3760.07	-33.70	12.60	12.93	-34.03	-13.00	-21.03	H
5640.29	-35.01	13.10	17.11	-39.02	-13.00	-26.02	H
7519.86	-32.24	11.50	22.20	-42.94	-13.00	-29.94	H
3760.07	-34.92	12.60	12.93	-35.25	-13.00	-22.25	V
5640.29	-35.21	13.10	17.11	-39.22	-13.00	-26.22	V
7519.86	-31.80	11.50	22.20	-42.50	-13.00	-29.50	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
3818.17	-33.81	12.60	12.93	-34.14	-13.00	-21.14	H
5727.47	-34.55	13.10	17.11	-38.56	-13.00	-25.56	H
7636.75	-32.16	11.50	22.20	-42.86	-13.00	-29.86	H
3818.17	-35.52	12.60	12.93	-35.85	-13.00	-22.85	V
5727.47	-34.89	13.10	17.11	-38.90	-13.00	-25.90	V
7636.75	-32.91	11.50	22.20	-43.61	-13.00	-30.61	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3703.27	-34.09	12.60	12.93	-34.42	-13.00	-21.42	H
5554.57	-34.17	13.10	17.11	-38.18	-13.00	-25.18	H
7406.01	-33.54	11.50	22.20	-44.24	-13.00	-31.24	H
3703.27	-35.94	12.60	12.93	-36.27	-13.00	-23.27	V
5554.57	-33.91	13.10	17.11	-37.92	-13.00	-24.92	V
7406.01	-32.90	11.50	22.20	-43.60	-13.00	-30.60	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3759.83	-33.77	12.60	12.93	-34.10	-13.00	-21.10	H
5640.22	-35.25	13.10	17.11	-39.26	-13.00	-26.26	H
7519.96	-32.90	11.50	22.20	-43.60	-13.00	-30.60	H
3759.83	-35.36	12.60	12.93	-35.69	-13.00	-22.69	V
5640.22	-34.78	13.10	17.11	-38.79	-13.00	-25.79	V
7519.96	-31.81	11.50	22.20	-42.51	-13.00	-29.51	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3817.06	-34.89	12.60	12.93	-35.22	-13.00	-22.22	H
5725.56	-34.20	13.10	17.11	-38.21	-13.00	-25.21	H
7633.93	-33.22	11.50	22.20	-43.92	-13.00	-30.92	H
3817.06	-35.26	12.60	12.93	-35.59	-13.00	-22.59	V
5725.56	-33.75	13.10	17.11	-37.76	-13.00	-24.76	V
7633.93	-32.69	11.50	22.20	-43.39	-13.00	-30.39	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3705.28	-34.28	12.60	12.93	-34.61	-13.00	-21.61	H
5557.52	-34.82	13.10	17.11	-38.83	-13.00	-25.83	H
7409.91	-32.73	11.50	22.20	-43.43	-13.00	-30.43	H
3705.28	-34.85	12.60	12.93	-35.18	-13.00	-22.18	V
5557.52	-34.15	13.10	17.11	-38.16	-13.00	-25.16	V
7409.91	-33.01	11.50	22.20	-43.71	-13.00	-30.71	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3760.20	-33.57	12.60	12.93	-33.90	-13.00	-20.90	H
5640.06	-34.54	13.10	17.11	-38.55	-13.00	-25.55	H
7520.14	-33.55	11.50	22.20	-44.25	-13.00	-31.25	H
3760.20	-34.99	12.60	12.93	-35.32	-13.00	-22.32	V
5640.06	-35.07	13.10	17.11	-39.08	-13.00	-26.08	V
7520.14	-32.85	11.50	22.20	-43.55	-13.00	-30.55	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3815.36	-34.91	12.60	12.93	-35.24	-13.00	-22.24	H
5722.26	-35.42	13.10	17.11	-39.43	-13.00	-26.43	H
7630.08	-32.67	11.50	22.20	-43.37	-13.00	-30.37	H
3815.36	-34.67	12.60	12.93	-35.00	-13.00	-22.00	V
5722.26	-34.26	13.10	17.11	-38.27	-13.00	-25.27	V
7630.08	-31.78	11.50	22.20	-42.48	-13.00	-29.48	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
3710.10	-33.90	12.60	12.93	-34.23	-13.00	-21.23	H
5565.42	-34.58	13.10	17.11	-38.59	-13.00	-25.59	H
7419.90	-32.90	11.50	22.20	-43.60	-13.00	-30.60	H
3710.10	-34.90	12.60	12.93	-35.23	-13.00	-22.23	V
5565.42	-34.92	13.10	17.11	-38.93	-13.00	-25.93	V
7419.90	-32.01	11.50	22.20	-42.71	-13.00	-29.71	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
3760.03	-34.71	12.60	12.93	-35.04	-13.00	-22.04	H
5640.07	-34.54	13.10	17.11	-38.55	-13.00	-25.55	H
7519.82	-32.76	11.50	22.20	-43.46	-13.00	-30.46	H
3760.03	-34.74	12.60	12.93	-35.07	-13.00	-22.07	V
5640.07	-35.15	13.10	17.11	-39.16	-13.00	-26.16	V
7519.82	-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 Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3809.98	-34.48	12.60	12.93	-34.81	-13.00	-21.81	H
5714.98	-34.33	13.10	17.11	-38.34	-13.00	-25.34	H
7620.01	-33.14	11.50	22.20	-43.84	-13.00	-30.84	H
3809.98	-35.72	12.60	12.93	-36.05	-13.00	-23.05	V
5714.98	-34.18	13.10	17.11	-38.19	-13.00	-25.19	V
7620.01	-32.28	11.50	22.20	-42.98	-13.00	-29.98	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
3715.06	-34.94	12.60	12.93	-35.27	-13.00	-22.27	H
5572.25	-34.81	13.10	17.11	-38.82	-13.00	-25.82	H
7430.81	-33.33	11.50	22.20	-44.03	-13.00	-31.03	H
3715.06	-35.81	12.60	12.93	-36.14	-13.00	-23.14	V
5572.25	-34.03	13.10	17.11	-38.04	-13.00	-25.04	V
7430.81	-32.80	11.50	22.20	-43.50	-13.00	-30.50	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
3760.20	-34.84	12.60	12.93	-35.17	-13.00	-22.17	H
5640.19	-34.35	13.10	17.11	-38.36	-13.00	-25.36	H
7520.25	-33.45	11.50	22.20	-44.15	-13.00	-31.15	H
3760.20	-35.88	12.60	12.93	-36.21	-13.00	-23.21	V
5640.19	-34.17	13.10	17.11	-38.18	-13.00	-25.18	V
7520.25	-32.66	11.50	22.20	-43.36	-13.00	-30.36	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
3805.01	-34.15	12.60	12.93	-34.48	-13.00	-21.48	H
5707.23	-35.15	13.10	17.11	-39.16	-13.00	-26.16	H
7610.19	-32.22	11.50	22.20	-42.92	-13.00	-29.92	H
3805.01	-34.75	12.60	12.93	-35.08	-13.00	-22.08	V
5707.23	-35.23	13.10	17.11	-39.24	-13.00	-26.24	V
7610.19	-32.30	11.50	22.20	-43.00	-13.00	-30.00	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
3720.47	-33.96	12.60	12.93	-34.29	-13.00	-21.29	H
5580.21	-35.44	13.10	17.11	-39.45	-13.00	-26.45	H
7439.99	-33.57	11.50	22.20	-44.27	-13.00	-31.27	H
3720.47	-34.79	12.60	12.93	-35.12	-13.00	-22.12	V
5580.21	-34.54	13.10	17.11	-38.55	-13.00	-25.55	V
7439.99	-32.80	11.50	22.20	-43.50	-13.00	-30.50	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
3760.12	-34.25	12.60	12.93	-34.58	-13.00	-21.58	H
5639.90	-34.67	13.10	17.11	-38.68	-13.00	-25.68	H
7520.19	-32.80	11.50	22.20	-43.50	-13.00	-30.50	H
3760.12	-35.71	12.60	12.93	-36.04	-13.00	-23.04	V
5639.90	-33.75	13.10	17.11	-37.76	-13.00	-24.76	V
7520.19	-33.13	11.50	22.20	-43.83	-13.00	-30.83	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
3799.87	-33.51	12.60	12.93	-33.84	-13.00	-20.84	H
5699.72	-35.45	13.10	17.11	-39.46	-13.00	-26.46	H
7600.14	-33.61	11.50	22.20	-44.31	-13.00	-31.31	H
3799.87	-35.11	12.60	12.93	-35.44	-13.00	-22.44	V
5699.72	-34.68	13.10	17.11	-38.69	-13.00	-25.69	V
7600.14	-32.27	11.50	22.20	-42.97	-13.00	-29.97	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3421.25	-34.22	12.90	12.56	-33.88	-13.00	-20.88	H
5131.79	-34.29	13.10	16.32	-37.51	-13.00	-24.51	H
6842.46	-32.46	12.33	21.13	-41.26	-13.00	-28.26	H
3421.25	-36.00	12.90	12.56	-35.66	-13.00	-22.66	V
5131.79	-33.81	13.10	16.32	-37.03	-13.00	-24.03	V
6842.46	-32.61	12.33	21.13	-41.41	-13.00	-28.41	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3464.88	-34.43	12.90	12.56	-34.09	-13.00	-21.09	H
5196.68	-34.32	13.10	16.32	-37.54	-13.00	-24.54	H
6930.25	-32.57	12.33	21.13	-41.37	-13.00	-28.37	H
3464.88	-34.79	12.90	12.56	-34.45	-13.00	-21.45	V
5196.68	-35.16	13.10	16.32	-38.38	-13.00	-25.38	V
6930.25	-32.64	12.33	21.13	-41.44	-13.00	-28.44	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3508.44	-33.98	12.90	12.56	-33.64	-13.00	-20.64	H
5262.13	-34.46	13.10	16.32	-37.68	-13.00	-24.68	H
7015.73	-33.43	12.33	21.13	-42.23	-13.00	-29.23	H
3508.44	-35.24	12.90	12.56	-34.90	-13.00	-21.90	V
5262.13	-34.75	13.10	16.32	-37.97	-13.00	-24.97	V
7015.73	-31.84	12.33	21.13	-40.64	-13.00	-27.64	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
3423.61	-34.59	12.90	12.56	-34.25	-13.00	-21.25	H
5136.26	-34.67	13.10	16.32	-37.89	-13.00	-24.89	H
6848.51	-33.45	12.33	21.13	-42.25	-13.00	-29.25	H
3423.61	-34.73	12.90	12.56	-34.39	-13.00	-21.39	V
5136.26	-34.89	13.10	16.32	-38.11	-13.00	-25.11	V
6848.51	-32.74	12.33	21.13	-41.54	-13.00	-28.54	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
3464.87	-34.39	12.90	12.56	-34.05	-13.00	-21.05	H
5196.73	-35.33	13.10	16.32	-38.55	-13.00	-25.55	H
6929.95	-33.00	12.33	21.13	-41.80	-13.00	-28.80	H
3464.87	-35.17	12.90	12.56	-34.83	-13.00	-21.83	V
5196.73	-33.76	13.10	16.32	-36.98	-13.00	-23.98	V
6929.95	-31.77	12.33	21.13	-40.57	-13.00	-27.57	V
LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3506.14	-33.68	12.90	12.56	-33.34	-13.00	-20.34	H
5261.72	-35.14	13.10	16.32	-38.36	-13.00	-25.36	H
7012.37	-32.29	12.33	21.13	-41.09	-13.00	-28.09	H
3506.14	-35.35	12.90	12.56	-35.01	-13.00	-22.01	V
5261.72	-34.38	13.10	16.32	-37.60	-13.00	-24.60	V
7012.37	-32.43	12.33	21.13	-41.23	-13.00	-28.23	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3424.69	-33.65	12.90	12.56	-33.31	-13.00	-20.31	H
5136.96	-34.12	13.10	16.32	-37.34	-13.00	-24.34	H
6849.86	-32.17	12.33	21.13	-40.97	-13.00	-27.97	H
3424.69	-35.94	12.90	12.56	-35.60	-13.00	-22.60	V
5136.96	-34.94	13.10	16.32	-38.16	-13.00	-25.16	V
6849.86	-33.06	12.33	21.13	-41.86	-13.00	-28.86	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3464.65	-34.78	12.90	12.56	-34.44	-13.00	-21.44	H
5196.92	-34.66	13.10	16.32	-37.88	-13.00	-24.88	H
6929.69	-33.16	12.33	21.13	-41.96	-13.00	-28.96	H
3464.65	-35.93	12.90	12.56	-35.59	-13.00	-22.59	V
5196.92	-34.88	13.10	16.32	-38.10	-13.00	-25.10	V
6929.69	-32.17	12.33	21.13	-40.97	-13.00	-27.97	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3505.02	-33.57	12.90	12.56	-33.23	-13.00	-20.23	H
5256.93	-34.80	13.10	16.32	-38.02	-13.00	-25.02	H
7010.00	-33.65	12.33	21.13	-42.45	-13.00	-29.45	H
3505.02	-35.93	12.90	12.56	-35.59	-13.00	-22.59	V
5256.93	-34.85	13.10	16.32	-38.07	-13.00	-25.07	V
7010.00	-32.11	12.33	21.13	-40.91	-13.00	-27.91	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
3429.90	-33.89	12.90	12.56	-33.55	-13.00	-20.55	H
5145.00	-34.95	13.10	16.32	-38.17	-13.00	-25.17	H
6860.23	-33.47	12.33	21.13	-42.27	-13.00	-29.27	H
3429.90	-35.60	12.90	12.56	-35.26	-13.00	-22.26	V
5145.00	-34.97	13.10	16.32	-38.19	-13.00	-25.19	V
6860.23	-31.85	12.33	21.13	-40.65	-13.00	-27.65	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
3464.43	-34.27	12.90	12.56	-33.93	-13.00	-20.93	H
5196.49	-35.17	13.10	16.32	-38.39	-13.00	-25.39	H
6929.53	-32.72	12.33	21.13	-41.52	-13.00	-28.52	H
3464.43	-34.77	12.90	12.56	-34.43	-13.00	-21.43	V
5196.49	-34.36	13.10	16.32	-37.58	-13.00	-24.58	V
6929.53	-32.33	12.33	21.13	-41.13	-13.00	-28.13	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
3500.17	-33.96	12.90	12.56	-33.62	-13.00	-20.62	H
5250.17	-34.64	13.10	16.32	-37.86	-13.00	-24.86	H
7000.12	-32.35	12.33	21.13	-41.15	-13.00	-28.15	H
3500.17	-35.38	12.90	12.56	-35.04	-13.00	-22.04	V
5250.17	-34.37	13.10	16.32	-37.59	-13.00	-24.59	V
7000.12	-31.76	12.33	21.13	-40.56	-13.00	-27.56	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
3434.93	-33.68	12.90	12.56	-33.34	-13.00	-20.34	H
5152.49	-34.74	13.10	16.32	-37.96	-13.00	-24.96	H
6870.59	-33.56	12.33	21.13	-42.36	-13.00	-29.36	H
3434.93	-34.60	12.90	12.56	-34.26	-13.00	-21.26	V
5152.49	-33.78	13.10	16.32	-37.00	-13.00	-24.00	V
6870.59	-33.05	12.33	21.13	-41.85	-13.00	-28.85	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
3464.89	-34.91	12.90	12.56	-34.57	-13.00	-21.57	H
5196.63	-35.17	13.10	16.32	-38.39	-13.00	-25.39	H
6930.17	-32.91	12.33	21.13	-41.71	-13.00	-28.71	H
3464.89	-35.29	12.90	12.56	-34.95	-13.00	-21.95	V
5196.63	-35.24	13.10	16.32	-38.46	-13.00	-25.46	V
6930.17	-33.12	12.33	21.13	-41.92	-13.00	-28.92	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
3495.17	-33.79	12.90	12.56	-33.45	-13.00	-20.45	H
5242.20	-35.03	13.10	16.32	-38.25	-13.00	-25.25	H
6990.25	-32.38	12.33	21.13	-41.18	-13.00	-28.18	H
3495.17	-34.56	12.90	12.56	-34.22	-13.00	-21.22	V
5242.20	-34.82	13.10	16.32	-38.04	-13.00	-25.04	V
6990.25	-33.10	12.33	21.13	-41.90	-13.00	-28.90	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
3440.39	-33.93	12.90	12.56	-33.59	-13.00	-20.59	H
5160.25	-35.00	13.10	16.32	-38.22	-13.00	-25.22	H
6880.76	-33.46	12.33	21.13	-42.26	-13.00	-29.26	H
3440.39	-36.00	12.90	12.56	-35.66	-13.00	-22.66	V
5160.25	-34.02	13.10	16.32	-37.24	-13.00	-24.24	V
6880.76	-32.85	12.33	21.13	-41.65	-13.00	-28.65	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	-34.89	12.90	12.56	-34.55	-13.00	-21.55	H
5196.61	-34.75	13.10	16.32	-37.97	-13.00	-24.97	H
6929.91	-32.44	12.33	21.13	-41.24	-13.00	-28.24	H
3464.64	-35.33	12.90	12.56	-34.99	-13.00	-21.99	V
5196.61	-35.07	13.10	16.32	-38.29	-13.00	-25.29	V
6929.91	-31.93	12.33	21.13	-40.73	-13.00	-27.73	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
3490.48	-34.43	12.90	12.56	-34.09	-13.00	-21.09	H
5234.92	-34.88	13.10	16.32	-38.10	-13.00	-25.10	H
6979.64	-32.78	12.33	21.13	-41.58	-13.00	-28.58	H
3490.48	-34.63	12.90	12.56	-34.29	-13.00	-21.29	V
5234.92	-34.19	13.10	16.32	-37.41	-13.00	-24.41	V
6979.64	-32.02	12.33	21.13	-40.82	-13.00	-27.82	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
1648.81	-34.58	9.56	9.72	-34.74	-13.00	-21.74	H
2473.57	-35.05	10.50	10.86	-35.41	-13.00	-22.41	H
3298.66	-32.82	12.78	11.57	-31.61	-13.00	-18.61	H
1648.81	-34.77	9.56	9.72	-34.93	-13.00	-21.93	V
2473.57	-34.53	10.50	10.86	-34.89	-13.00	-21.89	V
3298.66	-32.27	12.78	11.57	-31.06	-13.00	-18.06	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
1672.81	-33.97	9.56	9.72	-34.13	-13.00	-21.13	H
2509.22	-34.64	10.50	10.86	-35.00	-13.00	-22.00	H
3345.76	-33.51	12.78	11.57	-32.30	-13.00	-19.30	H
1672.81	-35.22	9.56	9.72	-35.38	-13.00	-22.38	V
2509.22	-35.12	10.50	10.86	-35.48	-13.00	-22.48	V
3345.76	-32.80	12.78	11.57	-31.59	-13.00	-18.59	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
1696.38	-34.94	9.56	9.72	-35.10	-13.00	-22.10	H
2544.69	-34.67	10.50	10.86	-35.03	-13.00	-22.03	H
3392.98	-32.72	12.78	11.57	-31.51	-13.00	-18.51	H
1696.38	-35.43	9.56	9.72	-35.59	-13.00	-22.59	V
2544.69	-34.77	10.50	10.86	-35.13	-13.00	-22.13	V
3392.98	-32.01	12.78	11.57	-30.80	-13.00	-17.80	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
1650.28	-33.56	9.56	9.72	-33.72	-13.00	-20.72	H
2475.82	-34.65	10.50	10.86	-35.01	-13.00	-22.01	H
3301.41	-33.34	12.78	11.57	-32.13	-13.00	-19.13	H
1650.28	-34.92	9.56	9.72	-35.08	-13.00	-22.08	V
2475.82	-35.09	10.50	10.86	-35.45	-13.00	-22.45	V
3301.41	-31.98	12.78	11.57	-30.77	-13.00	-17.77	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
1672.54	-34.00	9.56	9.72	-34.16	-13.00	-21.16	H
2508.89	-34.80	10.50	10.86	-35.16	-13.00	-22.16	H
3345.75	-32.17	12.78	11.57	-30.96	-13.00	-17.96	H
1672.54	-35.34	9.56	9.72	-35.50	-13.00	-22.50	V
2508.89	-34.49	10.50	10.86	-34.85	-13.00	-21.85	V
3345.75	-32.68	12.78	11.57	-31.47	-13.00	-18.47	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
1694.46	-34.52	9.56	9.72	-34.68	-13.00	-21.68	H
2542.03	-35.19	10.50	10.86	-35.55	-13.00	-22.55	H
3389.29	-33.51	12.78	11.57	-32.30	-13.00	-19.30	H
1694.46	-35.94	9.56	9.72	-36.10	-13.00	-23.10	V
2542.03	-34.13	10.50	10.86	-34.49	-13.00	-21.49	V
3389.29	-32.46	12.78	11.57	-31.25	-13.00	-18.25	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
1652.70	-33.55	9.56	9.72	-33.71	-13.00	-20.71	H
2478.84	-34.08	10.50	10.86	-34.44	-13.00	-21.44	H
3305.36	-33.47	12.78	11.57	-32.26	-13.00	-19.26	H
1652.70	-34.60	9.56	9.72	-34.76	-13.00	-21.76	V
2478.84	-35.21	10.50	10.86	-35.57	-13.00	-22.57	V
3305.36	-32.16	12.78	11.57	-30.95	-13.00	-17.95	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
1672.54	-34.76	9.56	9.72	-34.92	-13.00	-21.92	H
2508.91	-35.03	10.50	10.86	-35.39	-13.00	-22.39	H
3345.22	-33.17	12.78	11.57	-31.96	-13.00	-18.96	H
1672.54	-35.04	9.56	9.72	-35.20	-13.00	-22.20	V
2508.91	-34.91	10.50	10.86	-35.27	-13.00	-22.27	V
3345.22	-32.36	12.78	11.57	-31.15	-13.00	-18.15	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
1692.36	-34.81	9.56	9.72	-34.97	-13.00	-21.97	H
2538.72	-34.57	10.50	10.86	-34.93	-13.00	-21.93	H
3385.45	-33.37	12.78	11.57	-32.16	-13.00	-19.16	H
1692.36	-35.60	9.56	9.72	-35.76	-13.00	-22.76	V
2538.72	-34.13	10.50	10.86	-34.49	-13.00	-21.49	V
3385.45	-32.43	12.78	11.57	-31.22	-13.00	-18.22	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
1694.46	-34.52	9.56	9.72	-34.68	-13.00	-21.68	H
2542.03	-35.19	10.50	10.86	-35.55	-13.00	-22.55	H
3389.29	-33.51	12.78	11.57	-32.30	-13.00	-19.30	H
1694.46	-35.94	9.56	9.72	-36.10	-13.00	-23.10	V
2542.03	-34.13	10.50	10.86	-34.49	-13.00	-21.49	V
3389.29	-32.46	12.78	11.57	-31.25	-13.00	-18.25	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
1672.43	-34.45	9.56	9.72	-34.61	-13.00	-21.61	H
2508.79	-35.10	10.50	10.86	-35.46	-13.00	-22.46	H
3345.50	-32.24	12.78	11.57	-31.03	-13.00	-18.03	H
1672.43	-35.06	9.56	9.72	-35.22	-13.00	-22.22	V
2508.79	-34.08	10.50	10.86	-34.44	-13.00	-21.44	V
3345.50	-32.37	12.78	11.57	-31.16	-13.00	-18.16	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
1687.76	-33.74	9.56	9.72	-33.90	-13.00	-20.90	H
2531.36	-34.08	10.50	10.86	-34.44	-13.00	-21.44	H
3375.48	-32.49	12.78	11.57	-31.28	-13.00	-18.28	H
1687.76	-35.40	9.56	9.72	-35.56	-13.00	-22.56	V
2531.36	-34.65	10.50	10.86	-35.01	-13.00	-22.01	V
3375.48	-32.31	12.78	11.57	-31.10	-13.00	-18.10	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
5005.07	-34.28	12.66	15.86	-37.48	-25.00	-12.48	H
7507.80	-34.03	11.46	19.28	-41.85	-25.00	-16.85	H
10010.13	-33.32	12.79	23.19	-43.72	-25.00	-18.72	H
5005.07	-35.63	12.66	15.86	-38.83	-25.00	-13.83	V
7507.80	-34.48	11.46	19.28	-42.30	-25.00	-17.30	V
10010.13	-32.38	12.79	23.19	-42.78	-25.00	-17.78	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
5069.86	-34.16	12.72	15.86	-37.30	-25.00	-12.30	H
7604.78	-34.98	11.46	19.28	-42.80	-25.00	-17.80	H
10139.80	-32.38	12.09	23.19	-43.48	-25.00	-18.48	H
5069.86	-35.70	12.72	15.86	-38.84	-25.00	-13.84	V
7604.78	-34.18	11.46	19.28	-42.00	-25.00	-17.00	V
10139.80	-33.08	12.09	23.19	-44.18	-25.00	-19.18	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
5133.95	-33.79	12.76	15.86	-36.89	-25.00	-11.89	H
7701.26	-34.89	11.45	19.28	-42.72	-25.00	-17.72	H
10268.41	-33.45	12.28	23.19	-44.36	-25.00	-19.36	H
5133.95	-35.58	12.76	15.86	-38.68	-25.00	-13.68	V
7701.26	-33.81	11.45	19.28	-41.64	-25.00	-16.64	V
10268.41	-31.81	12.28	23.19	-42.72	-25.00	-17.72	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
5010.09	-34.75	12.66	15.86	-37.95	-25.00	-12.95	H
7515.36	-35.41	11.46	19.28	-43.23	-25.00	-18.23	H
10020.64	-33.02	12.79	23.19	-43.42	-25.00	-18.42	H
5010.09	-35.77	12.66	15.86	-38.97	-25.00	-13.97	V
7515.36	-34.14	11.46	19.28	-41.96	-25.00	-16.96	V
10020.64	-32.52	12.79	23.19	-42.92	-25.00	-17.92	V
LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5070.04	-34.07	12.72	15.86	-37.21	-25.00	-12.21	H
7604.70	-34.18	11.46	19.28	-42.00	-25.00	-17.00	H
10140.03	-33.17	12.09	23.19	-44.27	-25.00	-19.27	H
5070.04	-35.96	12.72	15.86	-39.10	-25.00	-14.10	V
7604.70	-35.22	11.46	19.28	-43.04	-25.00	-18.04	V
10140.03	-32.27	12.09	23.19	-43.37	-25.00	-18.37	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
5128.94	-33.94	12.76	15.86	-37.04	-25.00	-12.04	H
7694.09	-35.36	11.45	19.28	-43.19	-25.00	-18.19	H
10258.64	-32.51	12.28	23.19	-43.42	-25.00	-18.42	H
5128.94	-35.39	12.76	15.86	-38.49	-25.00	-13.49	V
7694.09	-34.87	11.45	19.28	-42.70	-25.00	-17.70	V
10258.64	-33.12	12.28	23.19	-44.03	-25.00	-19.03	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
5015.64	-34.22	12.66	15.86	-37.42	-25.00	-12.42	H
7524.11	-34.48	11.46	19.28	-42.30	-25.00	-17.30	H
10031.60	-32.89	12.79	23.19	-43.29	-25.00	-18.29	H
5015.64	-35.69	12.66	15.86	-38.89	-25.00	-13.89	V
7524.11	-34.64	11.46	19.28	-42.46	-25.00	-17.46	V
10031.60	-31.89	12.79	23.19	-42.29	-25.00	-17.29	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
5070.03	-34.57	12.72	15.86	-37.71	-25.00	-12.71	H
7604.75	-34.81	11.46	19.28	-42.63	-25.00	-17.63	H
10139.69	-33.26	12.09	23.19	-44.36	-25.00	-19.36	H
5070.03	-34.94	12.72	15.86	-38.08	-25.00	-13.08	V
7604.75	-33.92	11.46	19.28	-41.74	-25.00	-16.74	V
10139.69	-33.01	12.09	23.19	-44.11	-25.00	-19.11	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
5123.23	-33.81	12.76	15.86	-36.91	-25.00	-11.91	H
7523.98	-35.26	11.45	19.28	-43.09	-25.00	-18.09	H
10032.24	-33.18	12.28	23.19	-44.09	-25.00	-19.09	H
5123.23	-35.24	12.76	15.86	-38.34	-25.00	-13.34	V
7523.98	-34.69	11.45	19.28	-42.52	-25.00	-17.52	V
10032.24	-32.74	12.28	23.19	-43.65	-25.00	-18.65	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
5021.17	-34.29	12.66	15.86	-37.49	-25.00	-12.49	H
7530.95	-34.24	11.46	19.28	-42.06	-25.00	-17.06	H
10258.70	-33.56	12.79	23.19	-43.96	-25.00	-18.96	H
5021.17	-35.45	12.66	15.86	-38.65	-25.00	-13.65	V
7530.95	-34.23	11.46	19.28	-42.05	-25.00	-17.05	V
10258.70	-32.55	12.79	23.19	-42.95	-25.00	-17.95	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
5069.92	-34.91	12.72	15.86	-38.05	-25.00	-13.05	H
7605.09	-35.13	11.46	19.28	-42.95	-25.00	-17.95	H
10139.88	-33.13	12.09	23.19	-44.23	-25.00	-19.23	H
5069.92	-35.11	12.72	15.86	-38.25	-25.00	-13.25	V
7605.09	-35.01	11.46	19.28	-42.83	-25.00	-17.83	V
10139.88	-32.95	12.09	23.19	-44.05	-25.00	-19.05	V
LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5119.03	-34.71	12.76	15.86	-37.81	-25.00	-12.81	H
7678.07	-34.02	11.45	19.28	-41.85	-25.00	-16.85	H
10237.92	-33.13	12.28	23.19	-44.04	-25.00	-19.04	H
5119.03	-35.29	12.76	15.86	-38.39	-25.00	-13.39	V
7678.07	-34.16	11.45	19.28	-41.99	-25.00	-16.99	V
10237.92	-32.11	12.28	23.19	-43.02	-25.00	-18.02	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
1399.37	-34.56	8.17	9.34	-35.73	-13.00	-22.73	H
2099.00	-35.33	9.53	10.42	-36.22	-13.00	-23.22	H
2798.56	-32.56	11.27	11.12	-32.41	-13.00	-19.41	H
1399.37	-35.15	8.17	9.34	-36.32	-13.00	-23.32	V
2099.00	-34.95	9.53	10.42	-35.84	-13.00	-22.84	V
2798.56	-32.50	11.27	11.12	-32.35	-13.00	-19.35	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
1414.57	-33.91	8.17	9.34	-35.08	-13.00	-22.08	H
2122.19	-34.72	9.53	10.42	-35.61	-13.00	-22.61	H
2829.69	-32.92	11.27	11.12	-32.77	-13.00	-19.77	H
1414.57	-35.36	8.17	9.34	-36.53	-13.00	-23.53	V
2122.19	-33.82	9.53	10.42	-34.71	-13.00	-21.71	V
2829.69	-32.40	11.27	11.12	-32.25	-13.00	-19.25	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
1430.12	-34.25	8.17	9.34	-35.42	-13.00	-22.42	H
2145.70	-34.79	9.53	10.42	-35.68	-13.00	-22.68	H
2860.78	-32.22	11.27	11.12	-32.07	-13.00	-19.07	H
1430.12	-35.81	8.17	9.34	-36.98	-13.00	-23.98	V
2145.70	-35.03	9.53	10.42	-35.92	-13.00	-22.92	V
2860.78	-32.36	11.27	11.12	-32.21	-13.00	-19.21	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
1400.60	-33.79	8.17	9.34	-34.96	-13.00	-21.96	H
2101.14	-34.48	9.53	10.42	-35.37	-13.00	-22.37	H
2801.90	-32.23	11.27	11.12	-32.08	-13.00	-19.08	H
1400.60	-34.75	8.17	9.34	-35.92	-13.00	-22.92	V
2101.14	-34.66	9.53	10.42	-35.55	-13.00	-22.55	V
2801.90	-33.13	11.27	11.12	-32.98	-13.00	-19.98	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
1414.59	-34.20	8.17	9.34	-35.37	-13.00	-22.37	H
2122.40	-34.69	9.53	10.42	-35.58	-13.00	-22.58	H
2829.77	-32.40	11.27	11.12	-32.25	-13.00	-19.25	H
1414.59	-34.88	8.17	9.34	-36.05	-13.00	-23.05	V
2122.40	-34.20	9.53	10.42	-35.09	-13.00	-22.09	V
2829.77	-32.10	11.27	11.12	-31.95	-13.00	-18.95	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
1428.91	-34.10	8.17	9.34	-35.27	-13.00	-22.27	H
2143.19	-34.81	9.53	10.42	-35.70	-13.00	-22.70	H
2857.60	-33.03	11.27	11.12	-32.88	-13.00	-19.88	H
1428.91	-35.68	8.17	9.34	-36.85	-13.00	-23.85	V
2143.19	-33.96	9.53	10.42	-34.85	-13.00	-21.85	V
2857.60	-33.20	11.27	11.12	-33.05	-13.00	-20.05	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
1402.91	-34.16	8.17	9.34	-35.33	-13.00	-22.33	H
2104.03	-34.35	9.53	10.42	-35.24	-13.00	-22.24	H
2805.93	-32.34	11.27	11.12	-32.19	-13.00	-19.19	H
1402.91	-35.88	8.17	9.34	-37.05	-13.00	-24.05	V
2104.03	-34.05	9.53	10.42	-34.94	-13.00	-21.94	V
2805.93	-32.82	11.27	11.12	-32.67	-13.00	-19.67	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
1414.97	-33.72	8.17	9.34	-34.89	-13.00	-21.89	H
2122.03	-34.01	9.53	10.42	-34.90	-13.00	-21.90	H
2829.83	-32.51	11.27	11.12	-32.36	-13.00	-19.36	H
1414.97	-35.56	8.17	9.34	-36.73	-13.00	-23.73	V
2122.03	-35.09	9.53	10.42	-35.98	-13.00	-22.98	V
2829.83	-32.09	11.27	11.12	-31.94	-13.00	-18.94	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
1414.63	-34.66	8.17	9.34	-35.83	-13.00	-22.83	H
2122.49	-34.79	9.53	10.42	-35.68	-13.00	-22.68	H
2829.61	-32.61	11.27	11.12	-32.46	-13.00	-19.46	H
1414.63	-35.85	8.17	9.34	-37.02	-13.00	-24.02	V
2122.49	-33.85	9.53	10.42	-34.74	-13.00	-21.74	V
2829.61	-32.93	11.27	11.12	-32.78	-13.00	-19.78	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
1407.92	-33.82	8.17	9.34	-34.99	-13.00	-21.99	H
2111.86	-35.30	9.53	10.42	-36.19	-13.00	-23.19	H
2815.52	-33.32	11.27	11.12	-33.17	-13.00	-20.17	H
1407.92	-35.51	8.17	9.34	-36.68	-13.00	-23.68	V
2111.86	-33.78	9.53	10.42	-34.67	-13.00	-21.67	V
2815.52	-33.03	11.27	11.12	-32.88	-13.00	-19.88	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
1414.91	-34.28	8.17	9.34	-35.45	-13.00	-22.45	H
2122.26	-34.63	9.53	10.42	-35.52	-13.00	-22.52	H
2829.75	-33.10	11.27	11.12	-32.95	-13.00	-19.95	H
1414.91	-35.34	8.17	9.34	-36.51	-13.00	-23.51	V
2122.26	-35.06	9.53	10.42	-35.95	-13.00	-22.95	V
2829.75	-32.96	11.27	11.12	-32.81	-13.00	-19.81	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
1421.70	-33.64	8.17	9.34	-34.81	-13.00	-21.81	H
2132.60	-34.51	9.53	10.42	-35.40	-13.00	-22.40	H
2843.62	-32.67	11.27	11.12	-32.52	-13.00	-19.52	H
1421.70	-35.12	8.17	9.34	-36.29	-13.00	-23.29	V
2132.60	-35.16	9.53	10.42	-36.05	-13.00	-23.05	V
2843.62	-32.63	11.27	11.12	-32.48	-13.00	-19.48	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
1413.23	-34.23	8.17	9.34	-35.40	-13.00	-22.40	H
2120.57	-34.32	9.53	10.42	-35.21	-13.00	-22.21	H
2826.40	-32.34	11.27	11.12	-32.19	-13.00	-19.19	H
1413.23	-35.67	8.17	9.34	-36.84	-13.00	-23.84	V
2120.57	-34.15	9.53	10.42	-35.04	-13.00	-22.04	V
2826.40	-32.01	11.27	11.12	-31.86	-13.00	-18.86	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
1419.81	-33.98	8.17	9.34	-35.15	-13.00	-22.15	H
2129.81	-35.43	9.53	10.42	-36.32	-13.00	-23.32	H
2840.26	-33.11	11.27	11.12	-32.96	-13.00	-19.96	H
1419.81	-35.85	8.17	9.34	-37.02	-13.00	-24.02	V
2129.81	-34.83	9.53	10.42	-35.72	-13.00	-22.72	V
2840.26	-32.59	11.27	11.12	-32.44	-13.00	-19.44	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
1426.28	-34.26	8.17	9.34	-35.43	-13.00	-22.43	H
2139.53	-34.34	9.53	10.42	-35.23	-13.00	-22.23	H
2852.50	-33.43	11.27	11.12	-33.28	-13.00	-20.28	H
1426.28	-34.97	8.17	9.34	-36.14	-13.00	-23.14	V
2139.53	-34.20	9.53	10.42	-35.09	-13.00	-22.09	V
2852.50	-33.07	11.27	11.12	-32.92	-13.00	-19.92	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
1418.02	-34.43	8.17	9.34	-35.60	-13.00	-22.60	H
2127.52	-35.15	9.53	10.42	-36.04	-13.00	-23.04	H
2836.75	-33.32	11.27	11.12	-33.17	-13.00	-20.17	H
1418.02	-35.20	8.17	9.34	-36.37	-13.00	-23.37	V
2127.52	-34.83	9.53	10.42	-35.72	-13.00	-22.72	V
2836.75	-31.96	11.27	11.12	-31.81	-13.00	-18.81	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
1419.80	-34.62	8.17	9.34	-35.79	-13.00	-22.79	H
2130.08	-34.88	9.53	10.42	-35.77	-13.00	-22.77	H
2840.28	-32.68	11.27	11.12	-32.53	-13.00	-19.53	H
1419.80	-34.56	8.17	9.34	-35.73	-13.00	-22.73	V
2130.08	-34.81	9.53	10.42	-35.70	-13.00	-22.70	V
2840.28	-32.67	11.27	11.12	-32.52	-13.00	-19.52	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
1421.30	-34.28	8.17	9.34	-35.45	-13.00	-22.45	H
2131.82	-35.16	9.53	10.42	-36.05	-13.00	-23.05	H
2842.57	-33.47	11.27	11.12	-33.32	-13.00	-20.32	H
1421.30	-35.92	8.17	9.34	-37.09	-13.00	-24.09	V
2131.82	-34.52	9.53	10.42	-35.41	-13.00	-22.41	V
2842.57	-32.68	11.27	11.12	-32.53	-13.00	-19.53	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
3701.06	-34.00	12.60	12.93	-34.33	-13.00	-21.33	H
5551.89	-35.46	13.10	17.11	-39.47	-13.00	-26.47	H
7402.45	-32.72	11.50	22.20	-43.42	-13.00	-30.42	H
3701.06	-35.07	12.60	12.93	-35.40	-13.00	-22.40	V
5551.89	-34.76	13.10	17.11	-38.77	-13.00	-25.77	V
7402.45	-32.44	11.50	22.20	-43.14	-13.00	-30.14	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
3764.87	-34.00	12.60	12.93	-34.33	-13.00	-21.33	H
5646.82	-34.65	13.10	17.11	-38.66	-13.00	-25.66	H
7530.22	-32.49	11.50	22.20	-43.19	-13.00	-30.19	H
3764.87	-35.10	12.60	12.93	-35.43	-13.00	-22.43	V
5646.82	-35.09	13.10	17.11	-39.10	-13.00	-26.10	V
7530.22	-32.15	11.50	22.20	-42.85	-13.00	-29.85	V
LTE Band 25 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3828.21	-33.49	12.60	12.93	-33.82	-13.00	-20.82	H
5727.85	-34.45	13.10	17.11	-38.46	-13.00	-25.46	H
7657.18	-32.49	11.50	22.20	-43.19	-13.00	-30.19	H
3828.21	-35.00	12.60	12.93	-35.33	-13.00	-22.33	V
5727.85	-34.99	13.10	17.11	-39.00	-13.00	-26.00	V
7657.18	-32.55	11.50	22.20	-43.25	-13.00	-30.25	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
3702.83	-34.20	12.60	12.93	-34.53	-13.00	-21.53	H
5554.28	-35.24	13.10	17.11	-39.25	-13.00	-26.25	H
7405.78	-32.51	11.50	22.20	-43.21	-13.00	-30.21	H
3702.83	-35.55	12.60	12.93	-35.88	-13.00	-22.88	V
5554.28	-34.53	13.10	17.11	-38.54	-13.00	-25.54	V
7405.78	-32.40	11.50	22.20	-43.10	-13.00	-30.10	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
3764.95	-33.48	12.60	12.93	-33.81	-13.00	-20.81	H
5646.98	-34.63	13.10	17.11	-38.64	-13.00	-25.64	H
7530.09	-32.20	11.50	22.20	-42.90	-13.00	-29.90	H
3764.95	-34.77	12.60	12.93	-35.10	-13.00	-22.10	V
5646.98	-33.98	13.10	17.11	-37.99	-13.00	-24.99	V
7530.09	-32.85	11.50	22.20	-43.55	-13.00	-30.55	V
LTE Band 25 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3827.00	-34.87	12.60	12.93	-35.20	-13.00	-22.20	H
5740.02	-34.95	13.10	17.11	-38.96	-13.00	-25.96	H
7654.20	-32.85	11.50	22.20	-43.55	-13.00	-30.55	H
3827.00	-35.71	12.60	12.93	-36.04	-13.00	-23.04	V
5740.02	-34.49	13.10	17.11	-38.50	-13.00	-25.50	V
7654.20	-32.03	11.50	22.20	-42.73	-13.00	-29.73	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
3705.21	-33.75	12.60	12.93	-34.08	-13.00	-21.08	H
5557.44	-34.45	13.10	17.11	-38.46	-13.00	-25.46	H
7409.95	-32.78	11.50	22.20	-43.48	-13.00	-30.48	H
3705.21	-34.91	12.60	12.93	-35.24	-13.00	-22.24	V
5557.44	-34.23	13.10	17.11	-38.24	-13.00	-25.24	V
7409.95	-32.35	11.50	22.20	-43.05	-13.00	-30.05	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
3765.20	-33.85	12.60	12.93	-34.18	-13.00	-21.18	H
5647.20	-34.75	13.10	17.11	-38.76	-13.00	-25.76	H
7530.14	-32.17	11.50	22.20	-42.87	-13.00	-29.87	H
3765.20	-34.57	12.60	12.93	-34.90	-13.00	-21.90	V
5647.20	-35.03	13.10	17.11	-39.04	-13.00	-26.04	V
7530.14	-31.84	11.50	22.20	-42.54	-13.00	-29.54	V
LTE Band 25 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3825.33	-34.15	12.60	12.93	-34.48	-13.00	-21.48	H
5737.19	-34.90	13.10	17.11	-38.91	-13.00	-25.91	H
7650.54	-32.74	11.50	22.20	-43.44	-13.00	-30.44	H
3825.33	-35.89	12.60	12.93	-36.22	-13.00	-23.22	V
5737.19	-34.35	13.10	17.11	-38.36	-13.00	-25.36	V
7650.54	-32.63	11.50	22.20	-43.33	-13.00	-30.33	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
3710.20	-33.58	12.60	12.93	-33.91	-13.00	-20.91	H
5565.40	-33.99	13.10	17.11	-38.00	-13.00	-25.00	H
7419.94	-32.87	11.50	22.20	-43.57	-13.00	-30.57	H
3710.20	-35.18	12.60	12.93	-35.51	-13.00	-22.51	V
5565.40	-33.90	13.10	17.11	-37.91	-13.00	-24.91	V
7419.94	-32.45	11.50	22.20	-43.15	-13.00	-30.15	V
LTE Band 25 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3765.03	-34.50	12.60	12.93	-34.83	-13.00	-21.83	H
5647.12	-35.15	13.10	17.11	-39.16	-13.00	-26.16	H
7530.01	-33.33	11.50	22.20	-44.03	-13.00	-31.03	H
3765.03	-34.94	12.60	12.93	-35.27	-13.00	-22.27	V
5647.12	-33.96	13.10	17.11	-37.97	-13.00	-24.97	V
7530.01	-32.34	11.50	22.20	-43.04	-13.00	-30.04	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
3820.20	-34.87	12.60	12.93	-35.20	-13.00	-22.20	H
5729.86	-34.85	13.10	17.11	-38.86	-13.00	-25.86	H
7640.12	-32.18	11.50	22.20	-42.88	-13.00	-29.88	H
3820.20	-35.47	12.60	12.93	-35.80	-13.00	-22.80	V
5729.86	-34.10	13.10	17.11	-38.11	-13.00	-25.11	V
7640.12	-32.95	11.50	22.20	-43.65	-13.00	-30.65	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
3715.22	-34.36	12.60	12.93	-34.69	-13.00	-21.69	H
5572.57	-34.66	13.10	17.11	-38.67	-13.00	-25.67	H
7430.79	-33.63	11.50	22.20	-44.33	-13.00	-31.33	H
3715.22	-35.64	12.60	12.93	-35.97	-13.00	-22.97	V
5572.57	-34.30	13.10	17.11	-38.31	-13.00	-25.31	V
7430.79	-32.47	11.50	22.20	-43.17	-13.00	-30.17	V
LTE Band 25 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3765.22	-33.54	12.60	12.93	-33.87	-13.00	-20.87	H
5647.35	-35.30	13.10	17.11	-39.31	-13.00	-26.31	H
7429.80	-33.42	11.50	22.20	-44.12	-13.00	-31.12	H
3765.22	-34.77	12.60	12.93	-35.10	-13.00	-22.10	V
5647.35	-34.48	13.10	17.11	-38.49	-13.00	-25.49	V
7429.80	-32.16	11.50	22.20	-42.86	-13.00	-29.86	V
LTE Band 25 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.59	-33.93	12.60	12.93	-34.26	-13.00	-21.26	H
5722.34	-35.01	13.10	17.11	-39.02	-13.00	-26.02	H
7630.48	-33.48	11.50	22.20	-44.18	-13.00	-31.18	H
3815.59	-34.75	12.60	12.93	-35.08	-13.00	-22.08	V
5722.34	-34.60	13.10	17.11	-38.61	-13.00	-25.61	V
7630.48	-32.07	11.50	22.20	-42.77	-13.00	-29.77	V



LTE Band 25 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3720.42	-34.30	12.60	12.93	-34.63	-13.00	-21.63	H
5580.39	-35.05	13.10	17.11	-39.06	-13.00	-26.06	H
7440.00	-33.21	11.50	22.20	-43.91	-13.00	-30.91	H
3720.42	-35.44	12.60	12.93	-35.77	-13.00	-22.77	V
5580.39	-35.01	13.10	17.11	-39.02	-13.00	-26.02	V
7440.00	-32.01	11.50	22.20	-42.71	-13.00	-29.71	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3765.15	-34.49	12.60	12.93	-34.82	-13.00	-21.82	H
5647.07	-35.09	13.10	17.11	-39.10	-13.00	-26.10	H
7529.99	-32.49	11.50	22.20	-43.19	-13.00	-30.19	H
3765.15	-34.84	12.60	12.93	-35.17	-13.00	-22.17	V
5647.07	-35.12	13.10	17.11	-39.13	-13.00	-26.13	V
7529.99	-32.85	11.50	22.20	-43.55	-13.00	-30.55	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3810.46	-34.79	12.60	12.93	-35.12	-13.00	-22.12	H
5715.35	-34.03	13.10	17.11	-38.04	-13.00	-25.04	H
7619.75	-32.75	11.50	22.20	-43.45	-13.00	-30.45	H
3810.46	-35.26	12.60	12.93	-35.59	-13.00	-22.59	V
5715.35	-34.90	13.10	17.11	-38.91	-13.00	-25.91	V
7619.75	-32.03	11.50	22.20	-42.73	-13.00	-29.73	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
1649.01	-34.08	9.56	9.72	-34.24	-13.00	-21.24	H
2473.34	-34.77	10.50	10.86	-35.13	-13.00	-22.13	H
3298.55	-32.43	12.78	11.57	-31.22	-13.00	-18.22	H
1649.01	-34.82	9.56	9.72	-34.98	-13.00	-21.98	V
2473.34	-34.88	10.50	10.86	-35.24	-13.00	-22.24	V
3298.55	-33.17	12.78	11.57	-31.96	-13.00	-18.96	V
LTE Band 26(Part 22) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.25	-34.76	9.56	9.72	-34.92	-13.00	-21.92	H
2508.92	-35.46	10.50	10.86	-35.82	-13.00	-22.82	H
3346.00	-33.56	12.78	11.57	-32.35	-13.00	-19.35	H
1673.25	-35.94	9.56	9.72	-36.10	-13.00	-23.10	V
2508.92	-34.89	10.50	10.86	-35.25	-13.00	-22.25	V
3346.00	-32.06	12.78	11.57	-30.85	-13.00	-17.85	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
1696.33	-34.00	9.56	9.72	-34.16	-13.00	-21.16	H
2544.81	-35.22	10.50	10.86	-35.58	-13.00	-22.58	H
3392.93	-32.23	12.78	11.57	-31.02	-13.00	-18.02	H
1696.33	-35.67	9.56	9.72	-35.83	-13.00	-22.83	V
2544.81	-34.16	10.50	10.86	-34.52	-13.00	-21.52	V
3392.93	-33.13	12.78	11.57	-31.92	-13.00	-18.92	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
1651.42	-34.00	9.56	9.72	-34.16	-13.00	-21.16	H
2476.22	-34.34	10.50	10.86	-34.70	-13.00	-21.70	H
3301.48	-33.49	12.78	11.57	-32.28	-13.00	-19.28	H
1651.42	-35.49	9.56	9.72	-35.65	-13.00	-22.65	V
2476.22	-33.75	10.50	10.86	-34.11	-13.00	-21.11	V
3301.48	-32.75	12.78	11.57	-31.54	-13.00	-18.54	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
1672.82	-34.33	9.56	9.72	-34.49	-13.00	-21.49	H
2509.29	-34.11	10.50	10.86	-34.47	-13.00	-21.47	H
3346.13	-33.37	12.78	11.57	-32.16	-13.00	-19.16	H
1672.82	-34.92	9.56	9.72	-35.08	-13.00	-22.08	V
2509.29	-34.38	10.50	10.86	-34.74	-13.00	-21.74	V
3346.13	-32.60	12.78	11.57	-31.39	-13.00	-18.39	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
1695.53	-34.48	9.56	9.72	-34.64	-13.00	-21.64	H
2542.23	-35.20	10.50	10.86	-35.56	-13.00	-22.56	H
3390.19	-33.04	12.78	11.57	-31.83	-13.00	-18.83	H
1695.53	-35.79	9.56	9.72	-35.95	-13.00	-22.95	V
2542.23	-33.97	10.50	10.86	-34.33	-13.00	-21.33	V
3390.19	-32.14	12.78	11.57	-30.93	-13.00	-17.93	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
1652.68	-34.42	9.56	9.72	-34.58	-13.00	-21.58	H
2479.33	-34.73	10.50	10.86	-35.09	-13.00	-22.09	H
3306.82	-32.52	12.78	11.57	-31.31	-13.00	-18.31	H
1652.68	-35.56	9.56	9.72	-35.72	-13.00	-22.72	V
2479.33	-34.41	10.50	10.86	-34.77	-13.00	-21.77	V
3306.82	-31.89	12.78	11.57	-30.68	-13.00	-17.68	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
1672.82	-34.59	9.56	9.72	-34.75	-13.00	-21.75	H
2508.83	-35.02	10.50	10.86	-35.38	-13.00	-22.38	H
3346.00	-33.37	12.78	11.57	-32.16	-13.00	-19.16	H
1672.82	-35.14	9.56	9.72	-35.30	-13.00	-22.30	V
2508.83	-34.99	10.50	10.86	-35.35	-13.00	-22.35	V
3346.00	-31.99	12.78	11.57	-30.78	-13.00	-17.78	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
1693.54	-34.73	9.56	9.72	-34.89	-13.00	-21.89	H
2539.48	-34.30	10.50	10.86	-34.66	-13.00	-21.66	H
3386.14	-32.39	12.78	11.57	-31.18	-13.00	-18.18	H
1693.54	-35.70	9.56	9.72	-35.86	-13.00	-22.86	V
2539.48	-34.03	10.50	10.86	-34.39	-13.00	-21.39	V
3386.14	-32.36	12.78	11.57	-31.15	-13.00	-18.15	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
1658.04	-33.68	9.56	9.72	-33.84	-13.00	-20.84	H
2486.53	-34.76	10.50	10.86	-35.12	-13.00	-22.12	H
3315.64	-33.40	12.78	11.57	-32.19	-13.00	-19.19	H
1658.04	-35.24	9.56	9.72	-35.40	-13.00	-22.40	V
2486.53	-34.62	10.50	10.86	-34.98	-13.00	-21.98	V
3315.64	-33.03	12.78	11.57	-31.82	-13.00	-18.82	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
1672.79	-34.75	9.56	9.72	-34.91	-13.00	-21.91	H
2509.29	-35.39	10.50	10.86	-35.75	-13.00	-22.75	H
3345.82	-32.87	12.78	11.57	-31.66	-13.00	-18.66	H
1672.79	-35.83	9.56	9.72	-35.99	-13.00	-22.99	V
2509.29	-35.25	10.50	10.86	-35.61	-13.00	-22.61	V
3345.82	-32.25	12.78	11.57	-31.04	-13.00	-18.04	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
1688.69	-34.57	9.56	9.72	-34.73	-13.00	-21.73	H
2532.27	-34.39	10.50	10.86	-34.75	-13.00	-21.75	H
3376.19	-32.93	12.78	11.57	-31.72	-13.00	-18.72	H
1688.69	-35.10	9.56	9.72	-35.26	-13.00	-22.26	V
2532.27	-34.56	10.50	10.86	-34.92	-13.00	-21.92	V
3376.19	-32.32	12.78	11.57	-31.11	-13.00	-18.11	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
1663.27	-34.23	9.56	9.72	-34.39	-13.00	-21.39	H
2494.24	-35.22	10.50	10.86	-35.58	-13.00	-22.58	H
3325.94	-32.91	12.78	11.57	-31.70	-13.00	-18.70	H
1663.27	-34.83	9.56	9.72	-34.99	-13.00	-21.99	V
2494.24	-34.51	10.50	10.86	-34.87	-13.00	-21.87	V
3325.94	-32.64	12.78	11.57	-31.43	-13.00	-18.43	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
1672.96	-33.59	9.56	9.72	-33.75	-13.00	-20.75	H
2509.08	-34.76	10.50	10.86	-35.12	-13.00	-22.12	H
3345.91	-32.91	12.78	11.57	-31.70	-13.00	-18.70	H
1672.96	-35.46	9.56	9.72	-35.62	-13.00	-22.62	V
2509.08	-34.88	10.50	10.86	-35.24	-13.00	-22.24	V
3345.91	-32.00	12.78	11.57	-30.79	-13.00	-17.79	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
1683.36	-33.76	9.56	9.72	-33.92	-13.00	-20.92	H
2524.48	-34.55	10.50	10.86	-34.91	-13.00	-21.91	H
3366.45	-33.16	12.78	11.57	-31.95	-13.00	-18.95	H
1683.36	-34.94	9.56	9.72	-35.10	-13.00	-22.10	V
2524.48	-34.67	10.50	10.86	-35.03	-13.00	-22.03	V
3366.45	-31.97	12.78	11.57	-30.76	-13.00	-17.76	V



LTE Band 26(Part 90) / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest

Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1629.43	-33.92	9.56	9.72	-34.08	-13.00	-21.08	H
2443.75	-35.21	10.50	10.86	-35.57	-13.00	-22.57	H
3258.93	-33.54	12.78	11.57	-32.33	-13.00	-19.33	H
1629.43	-34.53	9.56	9.72	-34.69	-13.00	-21.69	V
2443.75	-34.69	10.50	10.86	-35.05	-13.00	-22.05	V
3258.93	-31.72	12.78	11.57	-30.51	-13.00	-17.51	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
1638.13	-33.64	9.56	9.72	-33.80	-13.00	-20.80	H
2457.23	-35.30	10.50	10.86	-35.66	-13.00	-22.66	H
3275.97	-33.10	12.78	11.57	-31.89	-13.00	-18.89	H
1638.13	-34.73	9.56	9.72	-34.89	-13.00	-21.89	V
2457.23	-33.98	10.50	10.86	-34.34	-13.00	-21.34	V
3275.97	-32.10	12.78	11.57	-30.89	-13.00	-17.89	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
1646.72	-34.07	9.56	9.72	-34.23	-13.00	-21.23	H
2456.67	-34.07	10.50	10.86	-34.43	-13.00	-21.43	H
3258.04	-32.75	12.78	11.57	-31.54	-13.00	-18.54	H
1646.72	-35.11	9.56	9.72	-35.27	-13.00	-22.27	V
2456.67	-33.89	10.50	10.86	-34.25	-13.00	-21.25	V
3258.04	-32.93	12.78	11.57	-31.72	-13.00	-18.72	V



LTE Band 26(Part 90) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1631.00	-34.07	9.56	9.72	-34.23	-13.00	-21.23	H
2446.19	-34.45	10.50	10.86	-34.81	-13.00	-21.81	H
3261.79	-33.30	12.78	11.57	-32.09	-13.00	-19.09	H
1631.00	-34.81	9.56	9.72	-34.97	-13.00	-21.97	V
2446.19	-33.86	10.50	10.86	-34.22	-13.00	-21.22	V
3261.79	-32.30	12.78	11.57	-31.09	-13.00	-18.09	V
LTE Band 26(Part 90) / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1637.82	-34.66	9.56	9.72	-34.82	-13.00	-21.82	H
2457.19	-34.97	10.50	10.86	-35.33	-13.00	-22.33	H
3276.00	-32.43	12.78	11.57	-31.22	-13.00	-18.22	H
1637.82	-35.68	9.56	9.72	-35.84	-13.00	-22.84	V
2457.19	-33.84	10.50	10.86	-34.20	-13.00	-21.20	V
3276.00	-32.65	12.78	11.57	-31.44	-13.00	-18.44	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
1645.06	-34.19	9.56	9.72	-34.35	-13.00	-21.35	H
2467.17	-34.92	10.50	10.86	-35.28	-13.00	-22.28	H
3276.26	-32.79	12.78	11.57	-31.58	-13.00	-18.58	H
1645.06	-35.41	9.56	9.72	-35.57	-13.00	-22.57	V
2467.17	-34.32	10.50	10.86	-34.68	-13.00	-21.68	V
3276.26	-32.79	12.78	11.57	-31.58	-13.00	-18.58	V



LTE Band 26(Part 90) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1632.81	-34.44	9.56	9.72	-34.60	-13.00	-21.60	H
2449.62	-35.25	10.50	10.86	-35.61	-13.00	-22.61	H
3266.62	-32.57	12.78	11.57	-31.36	-13.00	-18.36	H
1632.81	-35.31	9.56	9.72	-35.47	-13.00	-22.47	V
2449.62	-34.48	10.50	10.86	-34.84	-13.00	-21.84	V
3266.62	-32.92	12.78	11.57	-31.71	-13.00	-18.71	V
LTE Band 26(Part 90) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1638.14	-34.86	9.56	9.72	-35.02	-13.00	-22.02	H
2457.15	-35.43	10.50	10.86	-35.79	-13.00	-22.79	H
3276.29	-32.36	12.78	11.57	-31.15	-13.00	-18.15	H
1638.14	-35.93	9.56	9.72	-36.09	-13.00	-23.09	V
2457.15	-33.85	10.50	10.86	-34.21	-13.00	-21.21	V
3276.29	-32.86	12.78	11.57	-31.65	-13.00	-18.65	V
LTE Band 26(Part 90) / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1642.77	-33.78	9.56	9.72	-33.94	-13.00	-20.94	H
2464.26	-34.06	10.50	10.86	-34.42	-13.00	-21.42	H
3286.04	-32.57	12.78	11.57	-31.36	-13.00	-18.36	H
1642.77	-35.27	9.56	9.72	-35.43	-13.00	-22.43	V
2464.26	-33.92	10.50	10.86	-34.28	-13.00	-21.28	V
3286.04	-32.97	12.78	11.57	-31.76	-13.00	-18.76	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
1638.22	-33.84	9.56	9.72	-34.00	-13.00	-21.00	H
2457.05	-35.07	10.50	10.86	-35.43	-13.00	-22.43	H
3276.09	-33.51	12.78	11.57	-32.30	-13.00	-19.30	H
1638.22	-35.48	9.56	9.72	-35.64	-13.00	-22.64	V
2457.05	-34.97	10.50	10.86	-35.33	-13.00	-22.33	V
3276.09	-32.78	12.78	11.57	-31.57	-13.00	-18.57	V

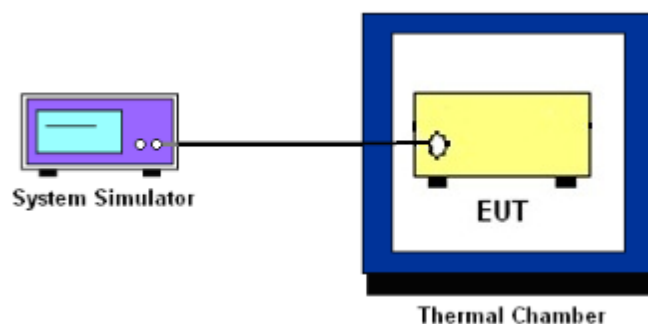
9. FREQUENCY STABILITY

9.1 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 $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

9.1.2 TEST SETUP



9.1.3 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.

9.1.4 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 $25 \pm 5^{\circ}\text{C}$ and connected with the system simulator.
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.



9.1.5 TEST RESULTS

LTE Band 2 (QPSK) / 1880MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.53	0.008	2.5ppm	PASS
40		13.46	0.007		
30		33.52	0.018		
20		31.04	0.017		
10		33.59	0.018		
0		32.35	0.017		
-10		15.50	0.008		
-20		32.71	0.017		
-30		22.41	0.012		
20	Maximum Voltage	24.46	0.013		
20	BEP	35.63	0.019		

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	22.25	0.012	2.5ppm	PASS
40		23.30	0.012		
30		34.21	0.018		
20		34.68	0.018		
10		20.26	0.011		
0		30.36	0.016		
-10		27.36	0.015		
-20		21.08	0.011		
-30		22.96	0.012		
20	Maximum Voltage	18.87	0.010		
20	BEP	21.24	0.011		



LTE Band 4 (QPSK) / 1733MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	25.47	0.015	2.5ppm	PASS
40		25.76	0.015		
30		20.12	0.012		
20		35.53	0.021		
10		14.49	0.008		
0		20.65	0.012		
-10		29.83	0.017		
-20		21.46	0.012		
-30		25.61	0.015		
20	Maximum Voltage	13.93	0.008		
20	BEP	26.90	0.016		

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	11.55	0.007	2.5ppm	PASS
40		23.66	0.014		
30		18.16	0.010		
20		21.54	0.012		
10		15.39	0.009		
0		16.67	0.010		
-10		18.90	0.011		
-20		21.86	0.013		
-30		33.46	0.019		
20	Maximum Voltage	11.82	0.007		
20	BEP	30.71	0.018		



LTE Band 5 (QPSK) / 836.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.59	0.043	2.5ppm	PASS
40		30.15	0.042		
30		20.19	0.028		
20		14.28	0.020		
10		15.80	0.022		
0		32.93	0.046		
-10		34.49	0.005		
-20		24.37	0.034		
-30		35.25	0.050		
20	Maximum Voltage	11.67	0.016		
20	BEP	26.65	0.038		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	27.08	0.038	2.5ppm	PASS
40		28.80	0.041		
30		29.13	0.041		
20		25.06	0.035		
10		17.86	0.025		
0		24.69	0.035		
-10		28.95	0.004		
-20		31.88	0.045		
-30		34.55	0.049		
20	Maximum Voltage	25.49	0.036		
20	BEP	24.55	0.035		



LTE Band 7 (QPSK) / 2535MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	32.33	0.013	2.5ppm	PASS
40		11.76	0.005		
30		25.97	0.010		
20		18.25	0.007		
10		22.29	0.009		
0		16.51	0.007		
-10		23.85	0.009		
-20		29.09	0.011		
-30		30.21	0.012		
20	Maximum Voltage	29.09	0.011		
20	BEP	25.14	0.010		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.95	0.007	2.5ppm	PASS
40		19.33	0.008		
30		26.46	0.010		
20		14.67	0.006		
10		15.25	0.006		
0		19.97	0.008		
-10		12.47	0.005		
-20		23.75	0.009		
-30		16.84	0.007		
20	Maximum Voltage	34.13	0.013		
20	BEP	27.98	0.011		



LTE Band 12 (QPSK) / 707.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.05	0.024	2.5ppm	PASS
40		14.20	0.020		
30		20.72	0.029		
20		19.28	0.027		
10		19.87	0.028		
0		32.49	0.046		
-10		26.45	0.004		
-20		18.55	0.026		
-30		27.54	0.039		
20	Maximum Voltage	26.19	0.037		
20	BEP	33.51	0.047		

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	26.29	0.037	2.5ppm	PASS
40		17.65	0.025		
30		16.49	0.023		
20		30.91	0.044		
10		28.78	0.041		
0		26.31	0.037		
-10		13.78	0.002		
-20		36.37	0.051		
-30		19.35	0.027		
20	Maximum Voltage	17.81	0.025		
20	BEP	30.86	0.043		



LTE Band 17 (QPSK) / 710MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	21.06	0.030	2.5ppm	PASS
40		29.66	0.042		
30		13.95	0.020		
20		17.21	0.024		
10		14.88	0.021		
0		32.27	0.045		
-10		12.93	0.002		
-20		31.12	0.044		
-30		33.95	0.048		
20	Maximum Voltage	19.41	0.027		
20	BEP	33.01	0.046		

LTE Band 17 (QPSK) / 710MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.90	0.025	2.5ppm	PASS
40		18.79	0.026		
30		19.38	0.027		
20		27.50	0.039		
10		19.82	0.028		
0		24.25	0.034		
-10		25.87	0.004		
-20		15.43	0.022		
-30		18.62	0.026		
20	Maximum Voltage	28.00	0.039		
20	BEP	28.91	0.041		



LTE Band 25 (QPSK) / 1882.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	34.66	0.018	2.5ppm	PASS
40		21.02	0.011		
30		30.80	0.016		
20		21.69	0.012		
10		23.11	0.012		
0		33.39	0.018		
-10		24.13	0.013		
-20		11.70	0.006		
-30		31.23	0.017		
20	Maximum Voltage	28.22	0.015		
20	BEP	26.90	0.014		

LTE Band 25 (QPSK) / 1882.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	18.85	0.010	2.5ppm	PASS
40		16.18	0.009		
30		23.52	0.013		
20		24.38	0.013		
10		30.40	0.016		
0		28.08	0.015		
-10		35.83	0.019		
-20		34.15	0.018		
-30		16.46	0.009		
20	Maximum Voltage	16.87	0.009		
20	BEP	35.69	0.019		



LTE Band 26(Part 22) (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.44	0.018	2.5ppm	PASS
40		12.95	0.007		
30		26.46	0.015		
20		23.87	0.014		
10		19.71	0.011		
0		23.43	0.014		
-10		30.79	0.018		
-20		36.06	0.021		
-30		12.40	0.007		
20	Maximum Voltage	18.54	0.011		
20	BEP	11.97	0.007		

LTE Band 26(Part 22) (QPSK) / 836.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.88	0.007	2.5ppm	PASS
40		24.74	0.014		
30		14.34	0.008		
20		27.52	0.016		
10		22.84	0.013		
0		18.83	0.011		
-10		25.17	0.015		
-20		25.93	0.015		
-30		24.35	0.014		
20	Maximum Voltage	15.05	0.009		
20	BEP	25.21	0.015		



LTE Band 26(Part 90) (QPSK) / 819MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.16	0.017	2.5ppm	PASS
40		14.13	0.008		
30		16.28	0.009		
20		18.83	0.011		
10		20.67	0.012		
0		15.69	0.009		
-10		12.58	0.007		
-20		18.70	0.011		
-30		25.01	0.014		
20	Maximum Voltage	25.84	0.015		
20	BEP	29.80	0.017		

LTE Band 26(Part 90) (QPSK) / 819MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	24.33	0.014	2.5ppm	PASS
40		26.00	0.015		
30		35.70	0.021		
20		22.14	0.013		
10		15.51	0.009		
0		14.18	0.008		
-10		12.57	0.007		
-20		23.27	0.013		
-30		15.00	0.009		
20	Maximum Voltage	15.27	0.009		
20	BEP	21.39	0.012		



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※※※※※

