



Radio Test Report

Report No.: STS2511254W01

Issued for

Sun Bo Bo Digital Company Limited

Unit 3306, 33/F New Trend Centre, 704 Prince Edward Road
East, Kowloon, Hong Kong, China

Product Name: Car media player

Brand Name: EONON

Model Name: FDF1X7S

Series Model(s): See page 8

FCC ID: 2BDS8-X7S

Test Standards: 47 CFR Part 2, 22H, 27

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

**TEST REPORT**

Applicant's Name: Sun Bo Bo Digital Company Limited
Address: Unit 3306, 33/F New Trend Centre, 704 Prince Edward Road East, Kowloon, Hong Kong, China
Manufacturer's Name: SUN BO BO DIGITAL COMPANY LIMITED
Address: Unit 3306, 33/F New Trend Centre, 704 Prince Edward Road East, Kowloon, Hong Kong, China

Product Description

Product Name: Car media player
Brand Name: EONON
Model Name: FDF1X7S
Series Model(s): See page 8

Test Standards: 47 CFR Part 2, 22H, 27
Test Procedure: KDB 971168 D01 v03r01, ANSI C63.26(2015)

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test.....:

Date of receipt of test item.....: 28 Nov. 2025
Date (s) of performance of tests.: 28 Nov. 2025~22 Dec. 2025
Date of Issue: 22 Dec. 2025
Test Result: Pass

Testing Engineer :

(Lenon Hou)

Technical Manager :

(Skylar Li)

Authorized Signatory :

(Bovey Yang)





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**Revision History**

Rev.	Issue Date	Report No.	Effect Page	Contents
00	22 Dec. 2025	STS2511254W01	ALL	Initial Issue



1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

The radiated emission testing was performed according to the procedures of KDB 971168 D01 v03r01 and ANSI C63.26(2015)

Test Description	FCC Rules	Band	Test Limit	Test Result
Conducted Output Power	2.1046	/	Reporting Only	PASS
Transmitter Radiated Power	22.913	GSM850, WCDMAB5, B5	ERP < 7 Watt	PASS
	24.232(c)	GSM1900, WCDMAB2, B2	EIRP < 2Watt	
	27.50(b)	B13	ERP < 3 Watt	
	27.50(h)	B7, B40, B41	EIRP < 2Watt	
Peak-to-Average Ratio	22.913(d)	GSM850, WCDMAB5, B5	< 13 dB	PASS
	24.232(d)	GSM1900, WCDMAB2,		
	27.50	B7, B38, B40, B41		
Occupied Bandwidth	2.1049	/	Reporting Only	PASS
Frequency Stability	2.1055	/	< 2.5 ppm	PASS
	22.355	GSM850, WCDMAB5, B5		
	24.235	GSM1900, WCDMAB2,		
	27.54	B7, B38, B40, B41		
Spurious Emission at Antenna Terminals	2.1051	/	< 43+10log10(P[Watts])	PASS
	22.917	GSM850, WCDMAB5, B5		
	24.238(a)	GSM1900,		



		WCDMAB2,		
	27.53(a)	B40	$< 70+10\log_{10}(P[\text{Watts}])$	
	27.53(m)	B7, B41	$< 55+10\log_{10}(P[\text{Watts}])$	
Band Edge	2.1051	/	Please refer to standard	PASS
	22.917	GSM850, WCDMAB5, B5		
	24.238(a)	GSM1900, WCDMAB2,		
	27.53(a)	B40		
	27.53(m)	B7, B41		
Field Strength of Spurious Radiation	2.1053	/	$< 43+10\log_{10}(P[\text{Watts}])$	PASS
	22.917	GSM850, WCDMAB5, B5		
	24.238(a)	GSM1900, WCDMAB2,		
	27.53(a)	B40	$< 70+10\log_{10}(P[\text{Watts}])$	
	27.53(m)	B7, B41	$< 55+10\log_{10}(P[\text{Watts}])$	



1.1 INTRODUCTION

TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add. : 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai 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

MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.4-2014. All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95% level of confidence. The measurement data shown herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

No.	Item	Uncertainty
1	RF output power, conducted	$\pm 0.751\text{dB}$
2	Unwanted Emissions, conducted	$\pm 2.888\text{dB}$
3	All emissions, radiated 9K-30MHz	$\pm 2.48\text{dB}$
4	All emissions, radiated 30M-1GHz	$\pm 2.52\text{dB}$
5	All emissions, radiated 1G-18GHz	$\pm 3.48\text{dB}$
6	All emissions, radiated >18GHz	$\pm 4.18\text{dB}$
7	Conducted Emission (9KHz-150KHz)	$\pm 2.48\text{dB}$
8	Conducted Emission (150KHz-30MHz)	$\pm 2.52\text{dB}$
9	Occupied Channel Bandwidth	$\pm 3.6\%$
10	Power Spectral Density, conducted	$\pm 1.214\text{dB}$
11	Duty Cycle	$\pm 3.2\%$



2 PRODUCT INFORMATION

Product Name	Car media player
Brand Name	EONON
Model Name	FDF1X7S
Series Model(s)	DGRMX7S, DGRMX7S-PRO, E39X7S, E46X7S, E90X7S, FDF1X7S-PRO, FDMX7S, FDX7S, GMSX7S, GMSX7S-PRO, GMX7S, GMX7S-PRO, GPX7S, HAC1X7S, HAC2X7S, HCIV1X7S, HCIV2X7S, M3BKX7S, M3BLX7S, SD1X7S, SD2X7S, TYTX7S, UX7K-PRO-MAX, UX7S, UX7SK-PLUS, UX7SK-PRO-MAX, UX7S-PLUS, VWX7S, VWX7S-PRO, DGRMX7A, E39X7A, E46X7A, E90X7A, FDF1X7A, FDX7A, GMSX7A, GMX7A, GPX7A, HAC1X7A, HAC2X7A, HCIV1X7A, M3BKX7A, M3BLX7A, SD1X7A, TYTACX7A, TYTX7A, UX7A, UX7A-PLUS, UX7TA, UX7TA-PLUS, VWX7A, E39X6S2, E46X6S2, E90X6S2, DGRMX6S2, FDF1X6S2, FDX6S2, GMSX6S2, GMX6S2, HCIV1X6S2, TYTX6S2, UX6S2, UX6S2-PLUS, VWX6S2, M3BKX6S2, M3BLX6S2, SD1X6S2, UX6K2-PRO-MAX, UX6SK2-PLUS, GMX6S-U, TYTX6S, UX6SK-PLUS, VWX6S-PRO, GMX6S-PRO, HAC1X7, HAC2X7, FDX7, TYTACX7S, UX7ST, UX7ST-PLUS, UX7ST-PRO, UX7ST-PRO-PLUS, UX6S2T, UX6S2T-PLUS, UX6ST, UX6ST-PLUS, E39X7, E46X7, E90X7, UX7, UX7-PLUS, GPX7, M3BKX7, M3BLX7, VWX7, E46X6S-PRO, E46X7S-PRO, GMSX6S-PRO, FDF1X6S-PRO, M3BLX6S-PRO, M3BLX7S-PRO, UX7S-PRO-MAX, DGRMX6S-PRO
Model Difference	Only the model name differs.
Tx Frequency:	GSM850: 824-849 MHz GSM1900: 1850-1910 MHz WCDMA B2: 1850-1910 MHz WCDMA B5: 824-849 MHz LTE Band 5:824~849MHz LTE Band 7:2500~2570MHz LTE Band 38:2570-2620 MHz LTE Band 40:2305-2315 MHz /2350-2360 MHz LTE Band 41: 2496-2690 MHz
Rx Frequency:	GSM850: 869-894 MHz GSM1900: 1930-1990 MHz WCDMA B2: 1930-1990 MHz WCDMA B5: 869-894 MHz LTE Band 2:1930 ~1990MHz LTE Band 4:2110~2155MHz LTE Band 5:869~894MHz LTE Band 7:2620~2690MHz LTE Band 38:2570-2620 MHz LTE Band 40:2555~2655MHz LTE Band 40:2305-2315 MHz /2350-2360 MHz LTE Band 41: 2496-2690 MHz
Max RF Output Power:	GSM850:29.06dBm, PCS1900:31.08dBm WCDMA B2:23.53dBm WCDMA B5:24.73dBm LTE B5:24.2dBm, LTE B7:24.28dBm, LTE B38:21.89dBm, LTE B40:15.17dBm, LTE B41:21.92dBm,



Modulation Characteristics:	GMSK for GSM/GPRS; GMSK and 8PSK for EDGE WCDMA: QPSK; HSDPA:QPSK/16QAM; HSUPA:BPSK LTE: QPSK /16QAM
SIM Card:	Only support single SIM Card.
Antenna:	External
Antenna gain:	GSM850:1.08 dBi GSM1900:1.03 dBi WCDMA B2:1.03 dBi WCDMA B5:1.08 dBi LTE B5:1.08 dBi LTE B7:0.57 dBi LTE B38:-0.2 dBi LTE B40:0.11 dBi LTE B41:0.57 dBi
GPRS/EDGE Class:	Multi-Class12
Extreme Vol. Limits:	DC 10.8V ~ DC 13.2V (Normal: DC 12V)
Extreme Temp. Tolerance:	-20°C~70°C
Power Rating	Input: DC 12V Output: Maximum amplifier output power 25W/14.4V
Adapter	N/A
Battery	N/A
Hardware version number:	SPD-C6982-V03
Software version number:	N/A
** Note: The High Voltage DC 13.2V and Low Voltage DC 10.8V was declared by manufacturer, The EUT couldn't be operate normally with higher or lower voltage, the antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.	



Test channel list					
GSM850	Frequency(MHz)	Channel	GSM1900	Frequency(MHz)	Channel
L	824.2	128	L	1850.2	512
M	836.6	190	M	1880	661
H	848.8	251	H	1909.8	810

Test channel list					
Band2	Frequency(MHz)	Channel	Band4	Frequency(MHz)	Channel
L	1852.4	9262	L	1712.6	1313
M	1880	9400	M	1740	1450
H	1907.6	9538	H	1752.4	1512
Band5	Frequency(MHz)	Channel	/	/	/
L	826.4	4132	/	/	/
M	836.6	4183	/	/	/
H	846.6	4233	/	/	/

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	M	5/10M	782	23230
	10M	704	23060	H	5M	784.5	23255
M	1.4/3/5/10M	707.5	23095		10M	782	23230
H	1.4M	715.3	23173	Band14	700MHz	Frequency (MHz)	Channel
	3M	714.5	23165	L	5M	790.5	23305
	5M	713.5	23155		10M	793	23330
	10M	711	23130	M	5/10M	793	23330
Band17	700MHz	Frequency(MHz)	Channel	H	5M	795.5	23355
L	5M	706.5	23755		10M	793	23330
	10M	709	23780	Band26 (part 90)	850MHz	Frequency (MHz)	Channel
M	5/10M	710	23790	L	1.4M	814.7	26697
H	5M	713.5	23825		3M	815.5	26705
	10M	711	23800		5M	816.5	26715
Band25	1.9GHz	Frequency(MHz)	Channel	M	1.4/3/5/10M	819	26740
L	1.4M	1850.7	26047	H	1.4M	823.3	26783
	3M	1851.5	26055		3M	822.5	26775
	5M	1852.5	26065		5M	821.5	26765
	10M	1855	26090	Band26 (part 20)	850MHz	Frequency (MHz)	Channel
	15M	1857.5	26115	L	1.4M	824.7	26797
	20M	1860	26140		3M	825.5	26805
M	1.4/3/5/10/15/20M	1882.5	26365		5M	826.5	26815
H	1.4M	1914.3	26683		10M	829	26840
	3M	1913.5	26675	M	15M	831.5	26865
	5M	1912.5	26665		1.4/3/5/10/15M	836.5	26915
	10M	1910	26640	H	1.4M	848.3	27033
	15M	1907.5	26615		3M	847.5	27025
	20M	1905	26590		5M	846.5	27015
Band30	2.3GHz	Frequency(MHz)	Channel		10M	844	26990
L	5M	2307.5	27685		15M	841.5	26965
M	5/10M	2310	27710	Band38	2.6GHz	Frequency (MHz)	Channel
H	5M	2312.5	27735	L	5M	2572.5	37775
Band40a	2.3GHz	Frequency(MHz)	Channel		10M	2575	37800
L	5M	2307.5	38725		15M	2577.5	37825
M	5/10/M	2310	38750		20M	2580	37850
H	5M	2312.5	38775	M	5/10/15/20M	2595	38000
Band40b	2.3GHz	Frequency(MHz)	Channel	H	5M	2617.5	38225
L	5M	2352.5	39175		10M	2615	38200
M	5/10/M	2355	39200		15M	2612.5	38175
H	5M	2357.5	39225		20M	2610	38150



Band41	2.5GHz	Frequency(MHz)	Channel	Band41 2535-2655	2.5GHz	Frequency (MHz)	Channel
L	5M	2498.5	39675	L	5	2537.5	40065
	10M	2501	39700		10	2540	40090
	15M	2503.5	39725		15	2542.5	40115
	20M	2506	39750		20	2545	40140
M	5/10/15/20M	2593	40620	M	5/10/15/20	2595	40640
H	5M	2687.5	41565	H	5	2652.5	41215
	10M	2685	41540		10	2650	41190
	15M	2682.5	41515		15	2647.5	41165
	20M	2680	41490		20	2645	41140
Band41 2555-2655	2.5GHz	Frequency(MHz)	Channel	Band66	1.7GHz	Frequency (MHz)	Channel
L	5	2557.5	40265	L	1.4M	1710.7	131979
	10	2560	40290		3M	1711.5	131987
	15	2562.5	40315		5M	1712.5	131997
	20	2565	40340		10M	1715	132022
M	5/10/15/20	2605	40740		15M	1717.5	132047
H	5	2652.5	41215		20M	1720	132072
	10	2650	41190	M	1.4/3/5/10/15/20M	1745	132322
	15	2647.5	41165	H	1.4M	1779.3	132665
	20	2645	41140		3M	1778.5	132657
Band71	600MHz	Frequency(MHz)	Channel		5M	1777.5	132647
L	5	665.5	133147		10M	1775	132622
	10	668	133172		15M	1772.5	132597
	15	670.5	133197		20M	1770	132572
	20	673	133222	Band85	700MHz	Frequency (MHz)	Channel
M	5/10/15/20	680.5	133297	L	5M	700.5	134027
H	5	695.5	133447		10M	703	134052
	10	693	133422	M	5/10M	707	134092
	15	690.5	133397	H	5M	713.5	134157
	20	688	133372		10M	711	134132

EMISSION DESIGNATOR

Mode	Emission Designator (99%OBW)
GPRS850	250KGXW
EGPRS850	251KG7W
GPRS1900	246KGXW
EGPRS1900	246KG7W
GPRS1900	246KGXW
EGPRS1900	246KG7W
Mode	Emission Designator (99%OBW)
WCDMA Band2	4M17F9W
HSDPA Band2	4M18F9W
HSUPA Band2	4M17F9W
WCDMA Band5	4M15F9W
HSDPA Band5	4M16F9W
HSUPA Band5	4M16F9W
WCDMA Band5	4M15F9W
HSDPA Band5	4M16F9W
HSUPA Band5	4M16F9W

LTE Band 5	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M11G7D	1M10W7D
3	2M71G7D	2M71W7D
5	4M51G7D	4M52W7D
10	9M00G7D	8M98W7D
LTE Band 7	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M52G7D	4M52W7D
10	8M99G7D	9M00W7D
15	13M5G7D	13M5W7D
20	17M9G7D	17M9W7D
LTE Band 38	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M50G7D	4M50W7D
10	8M97G7D	9M00W7D
15	13M5G7D	13M4W7D
20	17M9G7D	17M9W7D
LTE Band 40	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M52G7D	4M50W7D
10	9M00G7D	9M00W7D
LTE Band 41	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M51G7D	4M51W7D
10	9M01G7D	9M00W7D
15	13M4G7D	13M5W7D
20	17M9G7D	17M9W7D



3 TEST CONFIGURATION OF EQUIPMENT UNDER TEST

Antenna port conducted and radiated test items were performed according to KDB 971168 D01 and ANSI C63.26 2015 Power Meas. License Digital Systems with maximum output power.

Radiated measurements were performed with rotating EUT in different three orthogonal test planes to find the maximum emission.

Radiated emissions were investigated as following frequency range:

1. 30 MHz to 10th harmonic for GSM850 and WCDMA Band V.
2. 30 MHz to 10th harmonic for WCDMA Band IV.
3. 30 MHz to 10th harmonic for GSM1900 and WCDMA Band II.

All modes and data rates and positions were investigated.

Test modes are chosen to be reported as the worst case configuration below:

BAND	TEST MODES	
	RADIATED TCS	CONDUCTED TCS
GSM 850	GSM LINK GPRS/EDGE CLASS 12 LINK	GSM LINK GPRS/EDGE CLASS 12 LINK
GSM 1900	GSM LINK GPRS/EDGE CLASS 12 LINK	GSM LINK GPRS/EDGE CLASS 12 LINK
WCDMA BAND V	RMC 12.2KBPS LINK	RMC 12.2KBPS LINK
WCDMA BAND II	RMC 12.2KBPS LINK	RMC 12.2KBPS LINK
WCDMA BAND IV	RMC 12.2KBPS LINK	RMC 12.2KBPS LINK



LTE:

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	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
	38			v	v	v	v	v	v	v	v	v	v	v	v
	40			v	v			v	v	v	v	v	v	v	v
	41			v	v	v	v	v	v	v	v	v	v	v	v
Peak&Avera Ratio	5	v	v	v	v			v	v	v			v	v	v
	7			v	v	v	v	v	v	v			v	v	v
	38			v	v	v	v	v	v	v			v	v	v
	40			v	v			v	v	v			v	v	v
	41			v	v	v	v	v	v	v			v	v	v
26dB&99% Bandwidth	5	v	v	v	v			v	v			v	v	v	v
	7			v	v	v	v	v	v			v	v	v	v
	38			v	v	v	v	v	v			v	v	v	v
	40			v	v			v	v			v	v	v	v
	41			v	v	v	v	v	v			v	v	v	v
Conducted Band Edge	5	v	v	v	v			v	v			v	v		v
	7			v	v	v	v	v	v			v	v		v
	38			v	v	v	v	v	v			v	v		v
	40			v	v			v	v			v	v		v
	41			v	v	v	v	v	v			v	v		v
Conducted Spurious Emission	5	v	v	v	v			v	v	v		v	v	v	v
	7			v	v	v	v	v	v	v		v	v	v	v
	38			v	v	v	v	v	v	v		v	v	v	v
	40			v	v			v	v	v		v	v	v	v
	41			v	v	v	v	v	v	v		v	v	v	v
Frequency Stability	5				v			v				v		v	
	7				v			v				v		v	
	38				v			v				v		v	
	40				v			v				v		v	
	41				v			v				v		v	
E.R.P.& E.I.R.P.	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
	38			v	v	v	v	v	v	v	v	v	v	v	v
	40			v	v			v	v	v	v	v	v	v	v
	41			v	v	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	5	v	v	v	v			v		v			v	v	v
	7			v	v	v	v	v		v			v	v	v
	38			v	v	v	v	v		v			v	v	v
	40			v	v			v		v			v	v	v
	41			v	v	v	v	v		v			v	v	v

**4 MEASUREMENT INSTRUMENTS**

RF Radiation Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
Wireless Communications Test Set	R&S	CMW 500	117239	45926	2026.09.25
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2025.02.22	2026.02.21
Pre-Amplifier (1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2025.09.25	2026.09.24
Pre-Amplifier(18G-40GHz)	SKET	LNPA 1840-50	SK2018101801	2025.02.22	2026.02.21
Positioning Controller	MF	MF-7802	MF-780208587	N/A	N/A
Signal Analyzer	R&S	FSV 40-N	101823	2025.09.26	2026.09.25
Switch Control Box	N/A	N/A	N/A	N/A	N/A
Filter Box	BALUN Technology	SU319E	BL-SZ1530051	N/A	N/A
Video Controller	SKET	FCS C-3	N/A	N/A	N/A
Bilog Antenna	TESEQ	CBL6111D	34678	2025.09.27	2027.09.26
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2025.09.27	2027.09.26
Horn Antenna	A-INFOMW	LB-180400-KF	J211020657	2025.09.27	2027.09.26
Antenna Mast	MF	MFA-440H	N/A	N/A	N/A
Turn Table	MF	N/A	N/A	N/A	N/A
AC Power Source	APC	KDF-11010G	F214050035	N/A	N/A
DC Power Supply	Zhaoxin	RXN 605D	20R605D11010081	N/A	N/A
Test SW	EMC Test Software	25.5 en			
	EZ-EMC	Ver.STSLAB-03A1 RE			
RF Connected Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
Wireless Communications Test Set	R&S	CMW 500	131428	2025.02.22	2026.02.21
Signal Analyzer	Agilent	N9020A	MY52440124	2025.02.22	2026.02.21
RF Automatic Test System	Maiwei	MW200-SFCB	N/A	N/A	N/A
Temperature & Humidity Test Chamber	Safety test	AG80L	171200018	2025.02.22	2026.02.21
Programmable Power Supply	Agilent	E3642A	MY40002025	2025.09.26	2026.09.25
POWER DIVIDER	eastsheep	PD-0.5/0.6-2S	N/A	2025.02.25	2026.02.24
Test SW	MTS 8200	2.0.0.0			

5 TEST ITEMS

5.1 CONDUCTED OUTPUT POWER&TRANSMITTER RADIATED POWER

TEST OVERVIEW

CONDUCTED OUTPUT POWER:

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

TRANSMITTER RADIATED POWER (EIRP/ERP)

Determining ERP and/or EIRP from conducted RF output power measurements according to ANSI 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:

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

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

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P_{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:

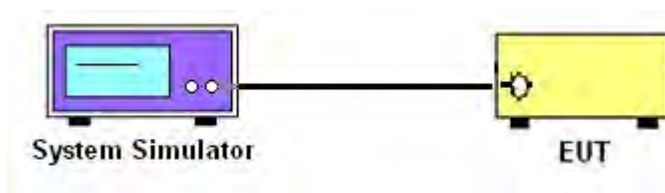
a) $\text{ERP} = \text{EIRP} - 2.15$, where ERP and EIRP are expressed in consistent units.

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

TEST PROCEDURES

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

TEST SETUP



TEST RESULT

GSM 850							
Mode	Frequency (MHz)	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit (W)	ERP Limit (dBm)	Conclusion
GPRS (GMSK,1-Slot)	824.2	30.67	1.08	29.60	7.00	38.45	PASS
	836.6	30.66	1.08	29.59	7.00	38.45	PASS
	848.8	30.59	1.08	29.52	7.00	38.45	PASS
GPRS (GMSK,2-Slot)	824.2	28.25	1.08	27.18	7.00	38.45	PASS
	836.6	28.30	1.08	27.23	7.00	38.45	PASS
	848.8	28.37	1.08	27.30	7.00	38.45	PASS
GPRS (GMSK,3-Slot)	824.2	26.47	1.08	25.40	7.00	38.45	PASS
	836.6	26.59	1.08	25.52	7.00	38.45	PASS
	848.8	26.64	1.08	25.57	7.00	38.45	PASS
GPRS (GMSK,4-Slot)	824.2	24.45	1.08	23.38	7.00	38.45	PASS
	836.6	24.57	1.08	23.50	7.00	38.45	PASS
	848.8	24.58	1.08	23.51	7.00	38.45	PASS
EGPRS (8PSK,1-Slot)	824.2	23.50	1.08	22.43	7.00	38.45	PASS
	836.6	22.93	1.08	21.86	7.00	38.45	PASS
	848.8	23.16	1.08	22.09	7.00	38.45	PASS
EGPRS (8PSK,2-Slot)	824.2	23.63	1.08	22.56	7.00	38.45	PASS
	836.6	23.35	1.08	22.28	7.00	38.45	PASS
	848.8	23.21	1.08	22.14	7.00	38.45	PASS
EGPRS (8PSK,3-Slot)	824.2	22.26	1.08	21.19	7.00	38.45	PASS
	836.6	22.14	1.08	21.07	7.00	38.45	PASS
	848.8	22.26	1.08	21.19	7.00	38.45	PASS
EGPRS (8PSK,4-Slot)	824.2	19.95	1.08	18.88	7.00	38.45	PASS
	836.6	20.07	1.08	19.00	7.00	38.45	PASS
	848.8	20.08	1.08	19.01	7.00	38.45	PASS



PCS 1900							
Mode	Frequency (MHz)	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit (W)	EIRP Limit (dBm)	Conclusion
GPRS (GMSK,1-Slot)	1850.2	29.52	1.03	30.55	2.00	33.01	PASS
	1880.0	29.97	1.03	31.00	2.00	33.01	PASS
	1909.8	30.05	1.03	31.08	2.00	33.01	PASS
GPRS (GMSK,2-Slot)	1850.2	27.23	1.03	28.26	2.00	33.01	PASS
	1880.0	27.55	1.03	28.58	2.00	33.01	PASS
	1909.8	27.70	1.03	28.73	2.00	33.01	PASS
GPRS (GMSK,3-Slot)	1850.2	25.64	1.03	26.67	2.00	33.01	PASS
	1880.0	25.96	1.03	26.99	2.00	33.01	PASS
	1909.8	26.10	1.03	27.13	2.00	33.01	PASS
GPRS (GMSK,4-Slot)	1850.2	23.86	1.03	24.89	2.00	33.01	PASS
	1880.0	24.15	1.03	25.18	2.00	33.01	PASS
	1909.8	24.32	1.03	25.35	2.00	33.01	PASS
EGPRS (8PSK,1-Slot)	1850.2	24.63	1.03	25.66	2.00	33.01	PASS
	1880.0	25.28	1.03	26.31	2.00	33.01	PASS
	1909.8	24.90	1.03	25.93	2.00	33.01	PASS
EGPRS (8PSK,2-Slot)	1850.2	24.44	1.03	25.47	2.00	33.01	PASS
	1880.0	25.39	1.03	26.42	2.00	33.01	PASS
	1909.8	24.74	1.03	25.77	2.00	33.01	PASS
EGPRS (8PSK,3-Slot)	1850.2	22.83	1.03	23.86	2.00	33.01	PASS
	1880.0	23.53	1.03	24.56	2.00	33.01	PASS
	1909.8	23.19	1.03	24.22	2.00	33.01	PASS
EGPRS (8PSK,4-Slot)	1850.2	20.45	1.03	21.48	2.00	33.01	PASS
	1880.0	20.72	1.03	21.75	2.00	33.01	PASS
	1909.8	20.52	1.03	21.55	2.00	33.01	PASS



Radiated Power (EIRP) for WCDMA Band 2							
Mode	Frequency (MHz)	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit (dBm)	Conclusion
WCDMA	1852.40	22.60	1.03	23.63	2.00	33.01	PASS
	1880.00	23.53	1.03	24.56	2.00	33.01	PASS
	1907.60	23.47	1.03	24.50	2.00	33.01	PASS
HSDPA Subtest 1	1852.40	22.17	1.03	23.20	2.00	33.01	PASS
	1880.00	18.47	1.03	19.50	2.00	33.01	PASS
	1907.60	17.25	1.03	18.28	2.00	33.01	PASS
HSDPA Subtest 2	1852.40	16.83	1.03	17.86	2.00	33.01	PASS
	1880.00	22.5	1.03	23.53	2.00	33.01	PASS
	1907.60	21.94	1.03	22.97	2.00	33.01	PASS
HSDPA Subtest 3	1852.40	21.64	1.03	22.67	2.00	33.01	PASS
	1880.00	21.63	1.03	22.66	2.00	33.01	PASS
	1907.60	22.15	1.03	23.18	2.00	33.01	PASS
HSDPA Subtest 4	1852.40	21.91	1.03	22.94	2.00	33.01	PASS
	1880.00	21.6	1.03	22.63	2.00	33.01	PASS
	1907.60	21.36	1.03	22.39	2.00	33.01	PASS
HSUPA Subtest 1	1852.40	20.69	1.03	21.72	2.00	33.01	PASS
	1880.00	20.92	1.03	21.95	2.00	33.01	PASS
	1907.60	20.29	1.03	21.32	2.00	33.01	PASS
HSUPA Subtest 2	1852.40	21.06	1.03	22.09	2.00	33.01	PASS
	1880.00	20.63	1.03	21.66	2.00	33.01	PASS
	1907.60	21.01	1.03	22.04	2.00	33.01	PASS
HSUPA Subtest 3	1852.40	21.15	1.03	22.18	2.00	33.01	PASS
	1880.00	20.73	1.03	21.76	2.00	33.01	PASS
	1907.60	21.13	1.03	22.16	2.00	33.01	PASS
HSUPA Subtest 4	1852.40	21.03	1.03	22.06	2.00	33.01	PASS
	1880.00	20.65	1.03	21.68	2.00	33.01	PASS
	1907.60	20.70	1.03	21.73	2.00	33.01	PASS
HSUPA Subtest 5	1852.40	20.42	1.03	21.45	2.00	33.01	PASS
	1880.00	20.76	1.03	21.79	2.00	33.01	PASS
	1907.60	20.61	1.03	21.64	2.00	33.01	PASS



Radiated Power (ERP) for WCDMA Band 5							
Mode	Frequency (MHz)	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit (dBm)	Conclusion
WCDMA	826.40	24.60	1.08	23.53	7.00	38.45	PASS
	836.40	24.65	1.08	23.58	7.00	38.45	PASS
	846.60	24.73	1.08	23.66	7.00	38.45	PASS
HSDPA Subtest 1	826.40	24.37	1.08	23.30	7.00	38.45	PASS
	836.40	24.11	1.08	23.04	7.00	38.45	PASS
	846.60	23.87	1.08	22.80	7.00	38.45	PASS
HSDPA Subtest 2	826.40	23.80	1.08	22.73	7.00	38.45	PASS
	836.40	23.80	1.08	22.73	7.00	38.45	PASS
	846.60	23.64	1.08	22.57	7.00	38.45	PASS
HSDPA Subtest 3	826.40	23.24	1.08	22.17	7.00	38.45	PASS
	836.40	23.23	1.08	22.16	7.00	38.45	PASS
	846.60	24.40	1.08	23.33	7.00	38.45	PASS
HSDPA Subtest 4	826.40	24.04	1.08	22.97	7.00	38.45	PASS
	836.40	23.94	1.08	22.87	7.00	38.45	PASS
	846.60	23.60	1.08	22.53	7.00	38.45	PASS
HSUPA Subtest 1	826.40	22.32	1.08	21.25	7.00	38.45	PASS
	836.40	22.33	1.08	21.26	7.00	38.45	PASS
	846.60	22.31	1.08	21.24	7.00	38.45	PASS
HSUPA Subtest 2	826.40	22.32	1.08	21.25	7.00	38.45	PASS
	836.40	22.03	1.08	20.96	7.00	38.45	PASS
	846.60	21.68	1.08	20.61	7.00	38.45	PASS
HSUPA Subtest 3	826.40	21.74	1.08	20.67	7.00	38.45	PASS
	836.40	21.16	1.08	20.09	7.00	38.45	PASS
	846.60	21.74	1.08	20.67	7.00	38.45	PASS
HSUPA Subtest 4	826.40	21.70	1.08	20.63	7.00	38.45	PASS
	836.40	22.33	1.08	21.26	7.00	38.45	PASS
	846.60	22.35	1.08	21.28	7.00	38.45	PASS
HSUPA Subtest 5	826.40	21.84	1.08	20.77	7.00	38.45	PASS
	836.40	22.36	1.08	21.29	7.00	38.45	PASS
	846.60	22.31	1.08	21.24	7.00	38.45	PASS



Radiated Power (ERP) for LTE Band 5 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	23.82	1.08	22.75	7.00	38.45	PASS
		1	2		23.72	1.08	22.65	7.00	38.45	PASS
		1	5		23.60	1.08	22.53	7.00	38.45	PASS
		3	0		23.58	1.08	22.51	7.00	38.45	PASS
		3	1		23.68	1.08	22.61	7.00	38.45	PASS
		3	2		23.63	1.08	22.56	7.00	38.45	PASS
		6	0		22.69	1.08	21.62	7.00	38.45	PASS
		1	0	16QAM	22.50	1.08	21.43	7.00	38.45	PASS
		1	2		22.49	1.08	21.42	7.00	38.45	PASS
		1	5		22.29	1.08	21.22	7.00	38.45	PASS
		3	0		22.17	1.08	21.10	7.00	38.45	PASS
		3	1		22.23	1.08	21.16	7.00	38.45	PASS
		3	2		22.25	1.08	21.18	7.00	38.45	PASS
		6	0		21.69	1.08	20.62	7.00	38.45	PASS
	Middle	1	0	QPSK	23.89	1.08	22.82	7.00	38.45	PASS
		1	2		23.79	1.08	22.72	7.00	38.45	PASS
		1	5		23.75	1.08	22.68	7.00	38.45	PASS
		3	0		23.64	1.08	22.57	7.00	38.45	PASS
		3	1		23.80	1.08	22.73	7.00	38.45	PASS
		3	2		23.82	1.08	22.75	7.00	38.45	PASS
		6	0		22.85	1.08	21.78	7.00	38.45	PASS
		1	0	16QAM	22.59	1.08	21.52	7.00	38.45	PASS
		1	2		22.73	1.08	21.66	7.00	38.45	PASS
		1	5		22.48	1.08	21.41	7.00	38.45	PASS
		3	0		22.55	1.08	21.48	7.00	38.45	PASS
		3	1		22.53	1.08	21.46	7.00	38.45	PASS
		3	2		22.45	1.08	21.38	7.00	38.45	PASS
		6	0		21.94	1.08	20.87	7.00	38.45	PASS
	Highest	1	0	QPSK	23.81	1.08	22.74	7.00	38.45	PASS
		1	2		23.94	1.08	22.87	7.00	38.45	PASS
		1	5		23.88	1.08	22.81	7.00	38.45	PASS
		3	0		23.61	1.08	22.54	7.00	38.45	PASS
		3	1		23.63	1.08	22.56	7.00	38.45	PASS
		3	2		23.51	1.08	22.44	7.00	38.45	PASS
		6	0		22.75	1.08	21.68	7.00	38.45	PASS
		1	0	16QAM	22.37	1.08	21.30	7.00	38.45	PASS
		1	2		22.53	1.08	21.46	7.00	38.45	PASS
		1	5		22.37	1.08	21.30	7.00	38.45	PASS
		3	0		22.46	1.08	21.39	7.00	38.45	PASS
		3	1		22.71	1.08	21.64	7.00	38.45	PASS
		3	2		22.59	1.08	21.52	7.00	38.45	PASS
		6	0		21.90	1.08	20.83	7.00	38.45	PASS



Radiated Power (ERP) for LTE Band 5 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	23.79	1.08	22.72	7.00	38.45	PASS
		1	7		24.16	1.08	23.09	7.00	38.45	PASS
		1	14		22.97	1.08	21.90	7.00	38.45	PASS
		8	0		22.72	1.08	21.65	7.00	38.45	PASS
		8	4		22.86	1.08	21.79	7.00	38.45	PASS
		8	7		22.86	1.08	21.79	7.00	38.45	PASS
		15	0		22.95	1.08	21.88	7.00	38.45	PASS
		1	0	16QAM	22.86	1.08	21.79	7.00	38.45	PASS
		1	7		22.62	1.08	21.55	7.00	38.45	PASS
		1	14		22.49	1.08	21.42	7.00	38.45	PASS
		8	0		22.03	1.08	20.96	7.00	38.45	PASS
		8	4		21.73	1.08	20.66	7.00	38.45	PASS
		8	7		22.15	1.08	21.08	7.00	38.45	PASS
		15	0		21.60	1.08	20.53	7.00	38.45	PASS
	Middle	1	0	QPSK	23.66	1.08	22.59	7.00	38.45	PASS
		1	7		23.59	1.08	22.52	7.00	38.45	PASS
		1	14		23.58	1.08	22.51	7.00	38.45	PASS
		8	0		23.25	1.08	22.18	7.00	38.45	PASS
		8	4		22.86	1.08	21.79	7.00	38.45	PASS
		8	7		23.16	1.08	22.09	7.00	38.45	PASS
		15	0		22.85	1.08	21.78	7.00	38.45	PASS
		1	0	16QAM	23.02	1.08	21.95	7.00	38.45	PASS
		1	7		22.83	1.08	21.76	7.00	38.45	PASS
		1	14		22.44	1.08	21.37	7.00	38.45	PASS
		8	0		21.50	1.08	20.43	7.00	38.45	PASS
		8	4		21.58	1.08	20.51	7.00	38.45	PASS
		8	7		21.56	1.08	20.49	7.00	38.45	PASS
		15	0		21.59	1.08	20.52	7.00	38.45	PASS
	Highest	1	0	QPSK	24.16	1.08	23.09	7.00	38.45	PASS
		1	7		24.06	1.08	22.99	7.00	38.45	PASS
		1	14		23.77	1.08	22.70	7.00	38.45	PASS
		8	0		22.73	1.08	21.66	7.00	38.45	PASS
		8	4		22.69	1.08	21.62	7.00	38.45	PASS
		8	7		22.68	1.08	21.61	7.00	38.45	PASS
		15	0		22.77	1.08	21.70	7.00	38.45	PASS
		1	0	16QAM	22.57	1.08	21.50	7.00	38.45	PASS
		1	7		22.47	1.08	21.40	7.00	38.45	PASS
		1	14		22.43	1.08	21.36	7.00	38.45	PASS
		8	0		21.80	1.08	20.73	7.00	38.45	PASS
		8	4		21.63	1.08	20.56	7.00	38.45	PASS
		8	7		21.56	1.08	20.49	7.00	38.45	PASS
		15	0		21.69	1.08	20.62	7.00	38.45	PASS



Radiated Power (ERP) for LTE Band 5 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	23.45	1.08	22.38	7.00	38.45	PASS
		1	12		23.82	1.08	22.75	7.00	38.45	PASS
		1	24		23.44	1.08	22.37	7.00	38.45	PASS
		12	0		22.60	1.08	21.53	7.00	38.45	PASS
		12	6		22.69	1.08	21.62	7.00	38.45	PASS
		12	11		22.77	1.08	21.70	7.00	38.45	PASS
		25	0		22.58	1.08	21.51	7.00	38.45	PASS
		1	0	16QAM	23.08	1.08	22.01	7.00	38.45	PASS
		1	12		23.16	1.08	22.09	7.00	38.45	PASS
		1	24		22.87	1.08	21.80	7.00	38.45	PASS
		12	0		21.60	1.08	20.53	7.00	38.45	PASS
		12	6		21.61	1.08	20.54	7.00	38.45	PASS
		12	11		21.61	1.08	20.54	7.00	38.45	PASS
		25	0		21.49	1.08	20.42	7.00	38.45	PASS
	Middle	1	0	QPSK	23.08	1.08	22.01	7.00	38.45	PASS
		1	12		23.76	1.08	22.69	7.00	38.45	PASS
		1	24		23.77	1.08	22.70	7.00	38.45	PASS
		12	0		22.76	1.08	21.69	7.00	38.45	PASS
		12	6		22.76	1.08	21.69	7.00	38.45	PASS
		12	11		22.76	1.08	21.69	7.00	38.45	PASS
		25	0		22.82	1.08	21.75	7.00	38.45	PASS
		1	0	16QAM	22.34	1.08	21.27	7.00	38.45	PASS
		1	12		22.50	1.08	21.43	7.00	38.45	PASS
		1	24		22.33	1.08	21.26	7.00	38.45	PASS
		12	0		22.07	1.08	21.00	7.00	38.45	PASS
		12	6		21.78	1.08	20.71	7.00	38.45	PASS
		12	11		21.51	1.08	20.44	7.00	38.45	PASS
		25	0		21.82	1.08	20.75	7.00	38.45	PASS
	Highest	1	0	QPSK	23.54	1.08	22.47	7.00	38.45	PASS
		1	12		23.46	1.08	22.39	7.00	38.45	PASS
		1	24		23.57	1.08	22.50	7.00	38.45	PASS
		12	0		22.80	1.08	21.73	7.00	38.45	PASS
		12	6		22.93	1.08	21.86	7.00	38.45	PASS
		12	11		22.80	1.08	21.73	7.00	38.45	PASS
		25	0		22.73	1.08	21.66	7.00	38.45	PASS
		1	0	16QAM	22.81	1.08	21.74	7.00	38.45	PASS
		1	12		22.89	1.08	21.82	7.00	38.45	PASS
		1	24		22.20	1.08	21.13	7.00	38.45	PASS
		12	0		21.45	1.08	20.38	7.00	38.45	PASS
		12	6		21.86	1.08	20.79	7.00	38.45	PASS
		12	11		21.76	1.08	20.69	7.00	38.45	PASS
		25	0		21.61	1.08	20.54	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	24.20	1.08	23.13	7.00	38.45	PASS
		1	24		23.53	1.08	22.46	7.00	38.45	PASS
		1	49		23.30	1.08	22.23	7.00	38.45	PASS
		25	0		22.65	1.08	21.58	7.00	38.45	PASS
		25	12		22.73	1.08	21.66	7.00	38.45	PASS
		25	24		22.75	1.08	21.68	7.00	38.45	PASS
		50	0		22.61	1.08	21.54	7.00	38.45	PASS
		1	0	16QAM	22.22	1.08	21.15	7.00	38.45	PASS
		1	24		23.09	1.08	22.02	7.00	38.45	PASS
		1	49		22.66	1.08	21.59	7.00	38.45	PASS
		25	0		21.75	1.08	20.68	7.00	38.45	PASS
		25	12		21.94	1.08	20.87	7.00	38.45	PASS
		25	24		21.86	1.08	20.79	7.00	38.45	PASS
		50	0		21.62	1.08	20.55	7.00	38.45	PASS
	Middle	1	0	QPSK	23.12	1.08	22.05	7.00	38.45	PASS
		1	24		22.98	1.08	21.91	7.00	38.45	PASS
		1	49		22.95	1.08	21.88	7.00	38.45	PASS
		25	0		22.67	1.08	21.60	7.00	38.45	PASS
		25	12		22.73	1.08	21.66	7.00	38.45	PASS
		25	24		22.75	1.08	21.68	7.00	38.45	PASS
		50	0		22.66	1.08	21.59	7.00	38.45	PASS
		1	0	16QAM	22.47	1.08	21.40	7.00	38.45	PASS
		1	24		22.96	1.08	21.89	7.00	38.45	PASS
		1	49		22.47	1.08	21.40	7.00	38.45	PASS
		25	0		21.71	1.08	20.64	7.00	38.45	PASS
		25	12		21.72	1.08	20.65	7.00	38.45	PASS
		25	24		21.74	1.08	20.67	7.00	38.45	PASS
		50	0		21.61	1.08	20.54	7.00	38.45	PASS
	Highest	1	0	QPSK	22.91	1.08	21.84	7.00	38.45	PASS
		1	24		23.16	1.08	22.09	7.00	38.45	PASS
		1	49		23.07	1.08	22.00	7.00	38.45	PASS
		25	0		22.76	1.08	21.69	7.00	38.45	PASS
		25	12		22.74	1.08	21.67	7.00	38.45	PASS
		25	24		22.68	1.08	21.61	7.00	38.45	PASS
		50	0		22.72	1.08	21.65	7.00	38.45	PASS
		1	0	16QAM	22.38	1.08	21.31	7.00	38.45	PASS
		1	24		22.50	1.08	21.43	7.00	38.45	PASS
		1	49		22.30	1.08	21.23	7.00	38.45	PASS
		25	0		21.68	1.08	20.61	7.00	38.45	PASS
		25	12		21.81	1.08	20.74	7.00	38.45	PASS
		25	24		21.78	1.08	20.71	7.00	38.45	PASS
		50	0		21.73	1.08	20.66	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	24.03	0.57	24.60	2.00	33.01	PASS
		1	12		24.04	0.57	24.61	2.00	33.01	PASS
		1	24		23.48	0.57	24.05	2.00	33.01	PASS
		12	0		22.75	0.57	23.32	2.00	33.01	PASS
		12	6		22.78	0.57	23.35	2.00	33.01	PASS
		12	11		22.71	0.57	23.28	2.00	33.01	PASS
		25	0		22.80	0.57	23.37	2.00	33.01	PASS
		1	0	16QAM	22.50	0.57	23.07	2.00	33.01	PASS
		1	12		22.99	0.57	23.56	2.00	33.01	PASS
		1	24		22.42	0.57	22.99	2.00	33.01	PASS
		12	0		21.41	0.57	21.98	2.00	33.01	PASS
		12	6		21.76	0.57	22.33	2.00	33.01	PASS
		12	11		21.79	0.57	22.36	2.00	33.01	PASS
		25	0		21.90	0.57	22.47	2.00	33.01	PASS
	Middle	1	0	QPSK	23.52	0.57	24.09	2.00	33.01	PASS
		1	12		23.69	0.57	24.26	2.00	33.01	PASS
		1	24		23.35	0.57	23.92	2.00	33.01	PASS
		12	0		22.72	0.57	23.29	2.00	33.01	PASS
		12	6		22.84	0.57	23.41	2.00	33.01	PASS
		12	11		22.88	0.57	23.45	2.00	33.01	PASS
		25	0		22.78	0.57	23.35	2.00	33.01	PASS
		1	0	16QAM	22.45	0.57	23.02	2.00	33.01	PASS
		1	12		22.85	0.57	23.42	2.00	33.01	PASS
		1	24		22.31	0.57	22.88	2.00	33.01	PASS
		12	0		21.74	0.57	22.31	2.00	33.01	PASS
		12	6		21.89	0.57	22.46	2.00	33.01	PASS
		12	11		21.69	0.57	22.26	2.00	33.01	PASS
		25	0		21.82	0.57	22.39	2.00	33.01	PASS
	Highest	1	0	QPSK	23.04	0.57	23.61	2.00	33.01	PASS
		1	12		23.42	0.57	23.99	2.00	33.01	PASS
		1	24		23.06	0.57	23.63	2.00	33.01	PASS
		12	0		22.13	0.57	22.70	2.00	33.01	PASS
		12	6		22.15	0.57	22.72	2.00	33.01	PASS
		12	11		22.08	0.57	22.65	2.00	33.01	PASS
		25	0		22.08	0.57	22.65	2.00	33.01	PASS
		1	0	16QAM	21.99	0.57	22.56	2.00	33.01	PASS
		1	12		22.28	0.57	22.85	2.00	33.01	PASS
		1	24		21.84	0.57	22.41	2.00	33.01	PASS
		12	0		21.12	0.57	21.69	2.00	33.01	PASS
		12	6		21.22	0.57	21.79	2.00	33.01	PASS
		12	11		21.30	0.57	21.87	2.00	33.01	PASS
		25	0		21.27	0.57	21.84	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	23.85	0.57	24.42	2.00	33.01	PASS
		1	24		24.24	0.57	24.81	2.00	33.01	PASS
		1	49		24.05	0.57	24.62	2.00	33.01	PASS
		25	0		22.72	0.57	23.29	2.00	33.01	PASS
		25	12		22.76	0.57	23.33	2.00	33.01	PASS
		25	24		22.26	0.57	22.83	2.00	33.01	PASS
		50	0		22.71	0.57	23.28	2.00	33.01	PASS
		1	0	16QAM	22.49	0.57	23.06	2.00	33.01	PASS
		1	24		22.19	0.57	22.76	2.00	33.01	PASS
		1	49		21.89	0.57	22.46	2.00	33.01	PASS
		25	0		21.77	0.57	22.34	2.00	33.01	PASS
		25	12		21.76	0.57	22.33	2.00	33.01	PASS
		25	24		21.46	0.57	22.03	2.00	33.01	PASS
		50	0		21.73	0.57	22.30	2.00	33.01	PASS
	Middle	1	0	QPSK	23.28	0.57	23.85	2.00	33.01	PASS
		1	24		23.86	0.57	24.43	2.00	33.01	PASS
		1	49		23.52	0.57	24.09	2.00	33.01	PASS
		25	0		22.89	0.57	23.46	2.00	33.01	PASS
		25	12		22.59	0.57	23.16	2.00	33.01	PASS
		25	24		22.70	0.57	23.27	2.00	33.01	PASS
		50	0		22.88	0.57	23.45	2.00	33.01	PASS
		1	0	16QAM	22.58	0.57	23.15	2.00	33.01	PASS
		1	24		22.73	0.57	23.30	2.00	33.01	PASS
		1	49		22.66	0.57	23.23	2.00	33.01	PASS
		25	0		22.05	0.57	22.62	2.00	33.01	PASS
		25	12		21.75	0.57	22.32	2.00	33.01	PASS
		25	24		21.98	0.57	22.55	2.00	33.01	PASS
		50	0		21.98	0.57	22.55	2.00	33.01	PASS
	Highest	1	0	QPSK	23.50	0.57	24.07	2.00	33.01	PASS
		1	24		23.59	0.57	24.16	2.00	33.01	PASS
		1	49		23.29	0.57	23.86	2.00	33.01	PASS
		25	0		22.35	0.57	22.92	2.00	33.01	PASS
		25	12		22.28	0.57	22.85	2.00	33.01	PASS
		25	24		21.98	0.57	22.55	2.00	33.01	PASS
		50	0		22.33	0.57	22.90	2.00	33.01	PASS
		1	0	16QAM	22.17	0.57	22.74	2.00	33.01	PASS
		1	24		21.87	0.57	22.44	2.00	33.01	PASS
		1	49		22.06	0.57	22.63	2.00	33.01	PASS
		25	0		21.60	0.57	22.17	2.00	33.01	PASS
		25	12		21.46	0.57	22.03	2.00	33.01	PASS
		25	24		21.16	0.57	21.73	2.00	33.01	PASS
		50	0		21.40	0.57	21.97	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	23.73	0.57	24.30	2.00	33.01	PASS
		1	37		23.89	0.57	24.46	2.00	33.01	PASS
		1	74		23.52	0.57	24.09	2.00	33.01	PASS
		36	0		22.77	0.57	23.34	2.00	33.01	PASS
		36	18		22.67	0.57	23.24	2.00	33.01	PASS
		36	39		22.68	0.57	23.25	2.00	33.01	PASS
		75	0		22.68	0.57	23.25	2.00	33.01	PASS
		1	0	16QAM	22.73	0.57	23.30	2.00	33.01	PASS
		1	37		22.81	0.57	23.38	2.00	33.01	PASS
		1	74		22.46	0.57	23.03	2.00	33.01	PASS
		36	0		21.70	0.57	22.27	2.00	33.01	PASS
		36	18		21.78	0.57	22.35	2.00	33.01	PASS
		36	39		21.73	0.57	22.30	2.00	33.01	PASS
		75	0		21.78	0.57	22.35	2.00	33.01	PASS
	Middle	1	0	QPSK	23.88	0.57	24.45	2.00	33.01	PASS
		1	37		23.89	0.57	24.46	2.00	33.01	PASS
		1	74		23.58	0.57	24.15	2.00	33.01	PASS
		36	0		22.90	0.57	23.47	2.00	33.01	PASS
		36	18		22.87	0.57	23.44	2.00	33.01	PASS
		36	39		22.65	0.57	23.22	2.00	33.01	PASS
		75	0		22.75	0.57	23.32	2.00	33.01	PASS
		1	0	16QAM	23.03	0.57	23.60	2.00	33.01	PASS
		1	37		23.65	0.57	24.22	2.00	33.01	PASS
		1	74		22.73	0.57	23.30	2.00	33.01	PASS
		36	0		21.92	0.57	22.49	2.00	33.01	PASS
		36	18		21.90	0.57	22.47	2.00	33.01	PASS
		36	39		21.68	0.57	22.25	2.00	33.01	PASS
		75	0		21.71	0.57	22.28	2.00	33.01	PASS
	Highest	1	0	QPSK	23.80	0.57	24.37	2.00	33.01	PASS
		1	37		23.70	0.57	24.27	2.00	33.01	PASS
		1	74		23.38	0.57	23.95	2.00	33.01	PASS
		36	0		22.27	0.57	22.84	2.00	33.01	PASS
		36	18		22.30	0.57	22.87	2.00	33.01	PASS
		36	39		22.20	0.57	22.77	2.00	33.01	PASS
		75	0		22.26	0.57	22.83	2.00	33.01	PASS
		1	0	16QAM	22.11	0.57	22.68	2.00	33.01	PASS
		1	37		22.97	0.57	23.54	2.00	33.01	PASS
		1	74		21.94	0.57	22.51	2.00	33.01	PASS
		36	0		21.32	0.57	21.89	2.00	33.01	PASS
		36	18		21.27	0.57	21.84	2.00	33.01	PASS
		36	39		21.25	0.57	21.82	2.00	33.01	PASS
		75	0		21.39	0.57	21.96	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	23.47	0.57	24.04	2.00	33.01	PASS
		1	49		23.85	0.57	24.42	2.00	33.01	PASS
		1	99		23.54	0.57	24.11	2.00	33.01	PASS
		50	0		22.80	0.57	23.37	2.00	33.01	PASS
		50	24		22.68	0.57	23.25	2.00	33.01	PASS
		50	49		22.63	0.57	23.20	2.00	33.01	PASS
		100	0		22.71	0.57	23.28	2.00	33.01	PASS
		1	0	16QAM	22.82	0.57	23.39	2.00	33.01	PASS
		1	49		22.83	0.57	23.40	2.00	33.01	PASS
		1	99		22.61	0.57	23.18	2.00	33.01	PASS
		50	0		21.77	0.57	22.34	2.00	33.01	PASS
		50	24		21.84	0.57	22.41	2.00	33.01	PASS
		50	49		21.76	0.57	22.33	2.00	33.01	PASS
		100	0		21.77	0.57	22.34	2.00	33.01	PASS
	Middle	1	0	QPSK	23.99	0.57	24.56	2.00	33.01	PASS
		1	49		24.28	0.57	24.85	2.00	33.01	PASS
		1	99		23.62	0.57	24.19	2.00	33.01	PASS
		50	0		22.88	0.57	23.45	2.00	33.01	PASS
		50	24		22.91	0.57	23.48	2.00	33.01	PASS
		50	49		22.75	0.57	23.32	2.00	33.01	PASS
		100	0		22.82	0.57	23.39	2.00	33.01	PASS
		1	0	16QAM	23.33	0.57	23.90	2.00	33.01	PASS
		1	49		23.68	0.57	24.25	2.00	33.01	PASS
		1	99		23.07	0.57	23.64	2.00	33.01	PASS
		50	0		22.01	0.57	22.58	2.00	33.01	PASS
		50	24		21.99	0.57	22.56	2.00	33.01	PASS
		50	49		21.83	0.57	22.40	2.00	33.01	PASS
		100	0		21.81	0.57	22.38	2.00	33.01	PASS
	Highest	1	0	QPSK	23.42	0.57	23.99	2.00	33.01	PASS
		1	49		23.49	0.57	24.06	2.00	33.01	PASS
		1	99		23.19	0.57	23.76	2.00	33.01	PASS
		50	0		22.35	0.57	22.92	2.00	33.01	PASS
		50	24		22.30	0.57	22.87	2.00	33.01	PASS
		50	49		22.26	0.57	22.83	2.00	33.01	PASS
		100	0		22.28	0.57	22.85	2.00	33.01	PASS
		1	0	16QAM	22.58	0.57	23.15	2.00	33.01	PASS
		1	49		22.61	0.57	23.18	2.00	33.01	PASS
		1	99		22.29	0.57	22.86	2.00	33.01	PASS
		50	0		21.38	0.57	21.95	2.00	33.01	PASS
		50	24		21.49	0.57	22.06	2.00	33.01	PASS
		50	49		21.45	0.57	22.02	2.00	33.01	PASS
		100	0		21.53	0.57	22.10	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 38 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	20.98	-0.2	20.78	2.00	33.01	PASS
		1	12		21.44	-0.2	21.24	2.00	33.01	PASS
		1	24		20.98	-0.2	20.78	2.00	33.01	PASS
		12	0		20.33	-0.2	20.13	2.00	33.01	PASS
		12	6		20.32	-0.2	20.12	2.00	33.01	PASS
		12	11		20.30	-0.2	20.10	2.00	33.01	PASS
		25	0		20.39	-0.2	20.19	2.00	33.01	PASS
		1	0	16QAM	20.11	-0.2	19.91	2.00	33.01	PASS
		1	12		20.61	-0.2	20.41	2.00	33.01	PASS
		1	24		20.15	-0.2	19.95	2.00	33.01	PASS
		12	0		19.29	-0.2	19.09	2.00	33.01	PASS
		12	6		19.28	-0.2	19.08	2.00	33.01	PASS
		12	11		19.24	-0.2	19.04	2.00	33.01	PASS
		25	0		19.44	-0.2	19.24	2.00	33.01	PASS
	Middle	1	0	QPSK	20.28	-0.2	20.08	2.00	33.01	PASS
		1	12		20.97	-0.2	20.77	2.00	33.01	PASS
		1	24		20.48	-0.2	20.28	2.00	33.01	PASS
		12	0		19.93	-0.2	19.73	2.00	33.01	PASS
		12	6		19.95	-0.2	19.75	2.00	33.01	PASS
		12	11		19.88	-0.2	19.68	2.00	33.01	PASS
		25	0		19.95	-0.2	19.75	2.00	33.01	PASS
		1	0	16QAM	20.05	-0.2	19.85	2.00	33.01	PASS
		1	12		20.78	-0.2	20.58	2.00	33.01	PASS
		1	24		20.14	-0.2	19.94	2.00	33.01	PASS
		12	0		18.89	-0.2	18.69	2.00	33.01	PASS
		12	6		18.92	-0.2	18.72	2.00	33.01	PASS
		12	11		18.91	-0.2	18.71	2.00	33.01	PASS
		25	0		18.96	-0.2	18.76	2.00	33.01	PASS
	Highest	1	0	QPSK	21.26	-0.2	21.06	2.00	33.01	PASS
		1	12		21.35	-0.2	21.15	2.00	33.01	PASS
		1	24		21.20	-0.2	21.00	2.00	33.01	PASS
		12	0		20.61	-0.2	20.41	2.00	33.01	PASS
		12	6		20.68	-0.2	20.48	2.00	33.01	PASS
		12	11		20.68	-0.2	20.48	2.00	33.01	PASS
		25	0		20.62	-0.2	20.42	2.00	33.01	PASS
		1	0	16QAM	20.70	-0.2	20.50	2.00	33.01	PASS
		1	12		21.01	-0.2	20.81	2.00	33.01	PASS
		1	24		20.75	-0.2	20.55	2.00	33.01	PASS
		12	0		19.57	-0.2	19.37	2.00	33.01	PASS
		12	6		19.56	-0.2	19.36	2.00	33.01	PASS
		12	11		19.56	-0.2	19.36	2.00	33.01	PASS
		25	0		19.75	-0.2	19.55	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 38 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	21.15	-0.2	20.95	2.00	33.01	PASS
		1	24		21.56	-0.2	21.36	2.00	33.01	PASS
		1	49		21.08	-0.2	20.88	2.00	33.01	PASS
		25	0		20.28	-0.2	20.08	2.00	33.01	PASS
		25	12		20.36	-0.2	20.16	2.00	33.01	PASS
		25	24		20.24	-0.2	20.04	2.00	33.01	PASS
		50	0		20.40	-0.2	20.20	2.00	33.01	PASS
		1	0	16QAM	20.40	-0.2	20.20	2.00	33.01	PASS
		1	24		20.44	-0.2	20.24	2.00	33.01	PASS
		1	49		20.20	-0.2	20.00	2.00	33.01	PASS
		25	0		19.21	-0.2	19.01	2.00	33.01	PASS
		25	12		19.19	-0.2	18.99	2.00	33.01	PASS
		25	24		19.16	-0.2	18.96	2.00	33.01	PASS
		50	0		19.15	-0.2	18.95	2.00	33.01	PASS
	Middle	1	0	QPSK	20.58	-0.2	20.38	2.00	33.01	PASS
		1	24		20.65	-0.2	20.45	2.00	33.01	PASS
		1	49		20.79	-0.2	20.59	2.00	33.01	PASS
		25	0		19.97	-0.2	19.77	2.00	33.01	PASS
		25	12		19.92	-0.2	19.72	2.00	33.01	PASS
		25	24		20.00	-0.2	19.80	2.00	33.01	PASS
		50	0		19.96	-0.2	19.76	2.00	33.01	PASS
		1	0	16QAM	20.15	-0.2	19.95	2.00	33.01	PASS
		1	24		20.39	-0.2	20.19	2.00	33.01	PASS
		1	49		20.36	-0.2	20.16	2.00	33.01	PASS
		25	0		19.04	-0.2	18.84	2.00	33.01	PASS
		25	12		18.99	-0.2	18.79	2.00	33.01	PASS
		25	24		19.06	-0.2	18.86	2.00	33.01	PASS
		50	0		18.94	-0.2	18.74	2.00	33.01	PASS
	Highest	1	0	QPSK	21.71	-0.2	21.51	2.00	33.01	PASS
		1	24		21.72	-0.2	21.52	2.00	33.01	PASS
		1	49		21.42	-0.2	21.22	2.00	33.01	PASS
		25	0		20.63	-0.2	20.43	2.00	33.01	PASS
		25	12		20.71	-0.2	20.51	2.00	33.01	PASS
		25	24		20.58	-0.2	20.38	2.00	33.01	PASS
		50	0		20.62	-0.2	20.42	2.00	33.01	PASS
		1	0	16QAM	20.51	-0.2	20.31	2.00	33.01	PASS
		1	24		20.76	-0.2	20.56	2.00	33.01	PASS
		1	49		20.53	-0.2	20.33	2.00	33.01	PASS
		25	0		19.75	-0.2	19.55	2.00	33.01	PASS
		25	12		19.76	-0.2	19.56	2.00	33.01	PASS
		25	24		19.78	-0.2	19.58	2.00	33.01	PASS
		50	0		19.75	-0.2	19.55	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 38 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	21.43	-0.2	21.23	2.00	33.01	PASS
		1	37		21.58	-0.2	21.38	2.00	33.01	PASS
		1	74		20.98	-0.2	20.78	2.00	33.01	PASS
		36	0		20.21	-0.2	20.01	2.00	33.01	PASS
		36	18		20.28	-0.2	20.08	2.00	33.01	PASS
		36	39		20.20	-0.2	20.00	2.00	33.01	PASS
		75	0		20.28	-0.2	20.08	2.00	33.01	PASS
		1	0	16QAM	20.44	-0.2	20.24	2.00	33.01	PASS
		1	37		20.25	-0.2	20.05	2.00	33.01	PASS
		1	74		20.09	-0.2	19.89	2.00	33.01	PASS
		36	0		19.09	-0.2	18.89	2.00	33.01	PASS
		36	18		19.05	-0.2	18.85	2.00	33.01	PASS
		36	39		18.94	-0.2	18.74	2.00	33.01	PASS
		75	0		19.30	-0.2	19.10	2.00	33.01	PASS
	Middle	1	0	QPSK	20.62	-0.2	20.42	2.00	33.01	PASS
		1	37		20.84	-0.2	20.64	2.00	33.01	PASS
		1	74		20.80	-0.2	20.60	2.00	33.01	PASS
		36	0		19.89	-0.2	19.69	2.00	33.01	PASS
		36	18		19.87	-0.2	19.67	2.00	33.01	PASS
		36	39		20.00	-0.2	19.80	2.00	33.01	PASS
		75	0		19.99	-0.2	19.79	2.00	33.01	PASS
		1	0	16QAM	20.27	-0.2	20.07	2.00	33.01	PASS
		1	37		20.56	-0.2	20.36	2.00	33.01	PASS
		1	74		20.49	-0.2	20.29	2.00	33.01	PASS
		36	0		18.95	-0.2	18.75	2.00	33.01	PASS
		36	18		18.87	-0.2	18.67	2.00	33.01	PASS
		36	39		18.98	-0.2	18.78	2.00	33.01	PASS
		75	0		19.01	-0.2	18.81	2.00	33.01	PASS
	Highest	1	0	QPSK	21.37	-0.2	21.17	2.00	33.01	PASS
		1	37		21.76	-0.2	21.56	2.00	33.01	PASS
		1	74		21.42	-0.2	21.22	2.00	33.01	PASS
		36	0		20.56	-0.2	20.36	2.00	33.01	PASS
		36	18		20.58	-0.2	20.38	2.00	33.01	PASS
		36	39		20.56	-0.2	20.36	2.00	33.01	PASS
		75	0		20.60	-0.2	20.40	2.00	33.01	PASS
		1	0	16QAM	20.83	-0.2	20.63	2.00	33.01	PASS
		1	37		21.08	-0.2	20.88	2.00	33.01	PASS
		1	74		20.81	-0.2	20.61	2.00	33.01	PASS
		36	0		19.52	-0.2	19.32	2.00	33.01	PASS
		36	18		19.62	-0.2	19.42	2.00	33.01	PASS
		36	39		19.40	-0.2	19.20	2.00	33.01	PASS
		75	0		19.54	-0.2	19.34	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 38 /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	20.75	-0.2	20.55	2.00	33.01	PASS
		1	49		20.76	-0.2	20.56	2.00	33.01	PASS
		1	99		20.49	-0.2	20.29	2.00	33.01	PASS
		50	0		20.29	-0.2	20.09	2.00	33.01	PASS
		50	24		20.20	-0.2	20.00	2.00	33.01	PASS
		50	49		20.08	-0.2	19.88	2.00	33.01	PASS
		100	0		20.22	-0.2	20.02	2.00	33.01	PASS
		1	0	16QAM	20.50	-0.2	20.30	2.00	33.01	PASS
		1	49		20.62	-0.2	20.42	2.00	33.01	PASS
		1	99		20.24	-0.2	20.04	2.00	33.01	PASS
		50	0		19.33	-0.2	19.13	2.00	33.01	PASS
		50	24		19.26	-0.2	19.06	2.00	33.01	PASS
		50	49		19.14	-0.2	18.94	2.00	33.01	PASS
		100	0		19.26	-0.2	19.06	2.00	33.01	PASS
	Middle	1	0	QPSK	21.04	-0.2	20.84	2.00	33.01	PASS
		1	49		20.84	-0.2	20.64	2.00	33.01	PASS
		1	99		21.21	-0.2	21.01	2.00	33.01	PASS
		50	0		19.88	-0.2	19.68	2.00	33.01	PASS
		50	24		19.88	-0.2	19.68	2.00	33.01	PASS
		50	49		20.04	-0.2	19.84	2.00	33.01	PASS
		100	0		20.03	-0.2	19.83	2.00	33.01	PASS
		1	0	16QAM	20.68	-0.2	20.48	2.00	33.01	PASS
		1	49		20.70	-0.2	20.50	2.00	33.01	PASS
		1	99		20.84	-0.2	20.64	2.00	33.01	PASS
		50	0		18.90	-0.2	18.70	2.00	33.01	PASS
		50	24		18.93	-0.2	18.73	2.00	33.01	PASS
		50	49		18.99	-0.2	18.79	2.00	33.01	PASS
		100	0		18.97	-0.2	18.77	2.00	33.01	PASS
	Highest	1	0	QPSK	21.37	-0.2	21.17	2.00	33.01	PASS
		1	49		21.89	-0.2	21.69	2.00	33.01	PASS
		1	99		21.33	-0.2	21.13	2.00	33.01	PASS
		50	0		20.46	-0.2	20.26	2.00	33.01	PASS
		50	24		20.54	-0.2	20.34	2.00	33.01	PASS
		50	49		20.55	-0.2	20.35	2.00	33.01	PASS
		100	0		20.59	-0.2	20.39	2.00	33.01	PASS
		1	0	16QAM	19.90	-0.2	19.70	2.00	33.01	PASS
		1	49		20.23	-0.2	20.03	2.00	33.01	PASS
		1	99		19.87	-0.2	19.67	2.00	33.01	PASS
		50	0		19.47	-0.2	19.27	2.00	33.01	PASS
		50	24		19.53	-0.2	19.33	2.00	33.01	PASS
		50	49		19.51	-0.2	19.31	2.00	33.01	PASS
		100	0		19.58	-0.2	19.38	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 40 /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	15.47	0.11	15.58	0.25	23.98	PASS
		1	12		15.51	0.11	15.62	0.25	23.98	PASS
		1	24		15.47	0.11	15.58	0.25	23.98	PASS
		12	0		13.84	0.11	13.95	0.25	23.98	PASS
		12	6		13.86	0.11	13.97	0.25	23.98	PASS
		12	11		13.83	0.11	13.94	0.25	23.98	PASS
		25	0		13.79	0.11	13.90	0.25	23.98	PASS
		1	0	16QAM	14.23	0.11	14.34	0.25	23.98	PASS
		1	12		14.33	0.11	14.44	0.25	23.98	PASS
		1	24		14.30	0.11	14.41	0.25	23.98	PASS
		12	0		13.35	0.11	13.46	0.25	23.98	PASS
		12	6		13.38	0.11	13.49	0.25	23.98	PASS
		12	11		13.34	0.11	13.45	0.25	23.98	PASS
		25	0		13.12	0.11	13.23	0.25	23.98	PASS
	Middle	1	0	QPSK	15.14	0.11	15.25	0.25	23.98	PASS
		1	12		15.13	0.11	15.24	0.25	23.98	PASS
		1	24		15.02	0.11	15.13	0.25	23.98	PASS
		12	0		13.78	0.11	13.89	0.25	23.98	PASS
		12	6		13.80	0.11	13.91	0.25	23.98	PASS
		12	11		13.74	0.11	13.85	0.25	23.98	PASS
		25	0		13.77	0.11	13.88	0.25	23.98	PASS
		1	0	16QAM	14.34	0.11	14.45	0.25	23.98	PASS
		1	12		14.31	0.11	14.42	0.25	23.98	PASS
		1	24		14.24	0.11	14.35	0.25	23.98	PASS
		12	0		13.23	0.11	13.34	0.25	23.98	PASS
		12	6		13.23	0.11	13.34	0.25	23.98	PASS
		12	11		13.16	0.11	13.27	0.25	23.98	PASS
		25	0		13.01	0.11	13.12	0.25	23.98	PASS
	Highest	1	0	QPSK	15.18	0.11	15.29	0.25	23.98	PASS
		1	12		15.18	0.11	15.29	0.25	23.98	PASS
		1	24		15.21	0.11	15.32	0.25	23.98	PASS
		12	0		13.83	0.11	13.94	0.25	23.98	PASS
		12	6		13.78	0.11	13.89	0.25	23.98	PASS
		12	11		13.75	0.11	13.86	0.25	23.98	PASS
		25	0		13.75	0.11	13.86	0.25	23.98	PASS
		1	0	16QAM	13.93	0.11	14.04	0.25	23.98	PASS
		1	12		13.90	0.11	14.01	0.25	23.98	PASS
		1	24		13.86	0.11	13.97	0.25	23.98	PASS
		12	0		13.33	0.11	13.44	0.25	23.98	PASS
		12	6		13.33	0.11	13.44	0.25	23.98	PASS
		12	11		13.31	0.11	13.42	0.25	23.98	PASS
		25	0		12.82	0.11	12.93	0.25	23.98	PASS



Radiated Power (EIRP) for LTE Band 40 /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	14.46	0.11	14.57	0.25	23.98	PASS
		1	12		14.47	0.11	14.58	0.25	23.98	PASS
		1	24		14.42	0.11	14.53	0.25	23.98	PASS
		12	0		13.30	0.11	13.41	0.25	23.98	PASS
		12	6		13.25	0.11	13.36	0.25	23.98	PASS
		12	11		13.22	0.11	13.33	0.25	23.98	PASS
		25	0		13.28	0.11	13.39	0.25	23.98	PASS
		1	0	16QAM	13.30	0.11	13.41	0.25	23.98	PASS
		1	12		13.25	0.11	13.36	0.25	23.98	PASS
		1	24		13.27	0.11	13.38	0.25	23.98	PASS
		12	0		12.70	0.11	12.81	0.25	23.98	PASS
		12	6		12.73	0.11	12.84	0.25	23.98	PASS
		12	11		12.64	0.11	12.75	0.25	23.98	PASS
		25	0		12.59	0.11	12.70	0.25	23.98	PASS
	Middle	1	0	QPSK	14.47	0.11	14.58	0.25	23.98	PASS
		1	12		14.47	0.11	14.58	0.25	23.98	PASS
		1	24		14.42	0.11	14.53	0.25	23.98	PASS
		12	0		13.27	0.11	13.38	0.25	23.98	PASS
		12	6		13.30	0.11	13.41	0.25	23.98	PASS
		12	11		13.15	0.11	13.26	0.25	23.98	PASS
		25	0		13.25	0.11	13.36	0.25	23.98	PASS
		1	0	16QAM	14.31	0.11	14.42	0.25	23.98	PASS
		1	12		14.33	0.11	14.44	0.25	23.98	PASS
		1	24		14.12	0.11	14.23	0.25	23.98	PASS
		12	0		12.78	0.11	12.89	0.25	23.98	PASS
		12	6		12.77	0.11	12.88	0.25	23.98	PASS
		12	11		12.67	0.11	12.78	0.25	23.98	PASS
		25	0		12.43	0.11	12.54	0.25	23.98	PASS
	Highest	1	0	QPSK	15.08	0.11	15.19	0.25	23.98	PASS
		1	12		15.17	0.11	15.28	0.25	23.98	PASS
		1	24		15.09	0.11	15.20	0.25	23.98	PASS
		12	0		13.69	0.11	13.80	0.25	23.98	PASS
		12	6		13.69	0.11	13.80	0.25	23.98	PASS
		12	11		13.66	0.11	13.77	0.25	23.98	PASS
		25	0		13.57	0.11	13.68	0.25	23.98	PASS
		1	0	16QAM	13.77	0.11	13.88	0.25	23.98	PASS
		1	12		13.71	0.11	13.82	0.25	23.98	PASS
		1	24		13.73	0.11	13.84	0.25	23.98	PASS
		12	0		13.20	0.11	13.31	0.25	23.98	PASS
		12	6		13.25	0.11	13.36	0.25	23.98	PASS
		12	11		13.21	0.11	13.32	0.25	23.98	PASS
		25	0		12.73	0.11	12.84	0.25	23.98	PASS



Radiated Power (EIRP) for LTE Band 40 /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	Highest	1	0	QPSK	15.19	0.11	15.30	0.50	26.99	PASS
		1	24		15.13	0.11	15.24	0.50	26.99	PASS
		1	49		15.04	0.11	15.15	0.50	26.99	PASS
		25	0		13.76	0.11	13.87	0.50	26.99	PASS
		25	12		13.78	0.11	13.89	0.50	26.99	PASS
		25	24		13.71	0.11	13.82	0.50	26.99	PASS
		50	0		13.81	0.11	13.92	0.50	26.99	PASS
		1	0	16QAM	14.21	0.11	14.32	0.50	26.99	PASS
		1	24		14.18	0.11	14.29	0.50	26.99	PASS
		1	49		14.08	0.11	14.19	0.50	26.99	PASS
		25	0		13.10	0.11	13.21	0.50	26.99	PASS
		25	12		13.05	0.11	13.16	0.50	26.99	PASS
		25	24		12.88	0.11	12.99	0.50	26.99	PASS
		50	0		13.00	0.11	13.11	0.50	26.99	PASS

Radiated Power (EIRP) for LTE Band 40 /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	Highest	1	0	QPSK	15.03	0.11	15.14	0.50	26.99	PASS
		1	24		14.94	0.11	15.05	0.50	26.99	PASS
		1	49		14.92	0.11	15.03	0.50	26.99	PASS
		25	0		13.75	0.11	13.86	0.50	26.99	PASS
		25	12		13.81	0.11	13.92	0.50	26.99	PASS
		25	24		13.58	0.11	13.69	0.50	26.99	PASS
		50	0		13.71	0.11	13.82	0.50	26.99	PASS
		1	0	16QAM	14.16	0.11	14.27	0.50	26.99	PASS
		1	24		14.13	0.11	14.24	0.50	26.99	PASS
		1	49		13.92	0.11	14.03	0.50	26.99	PASS
		25	0		12.97	0.11	13.08	0.50	26.99	PASS
		25	12		12.96	0.11	13.07	0.50	26.99	PASS
		25	24		12.80	0.11	12.91	0.50	26.99	PASS
		50	0		12.90	0.11	13.01	0.50	26.99	PASS



Radiated Power (EIRP) for LTE Band 41 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	21.24	0.57	21.81	2.00	33.01	PASS
		1	12		21.62	0.57	22.19	2.00	33.01	PASS
		1	24		21.27	0.57	21.84	2.00	33.01	PASS
		12	0		20.35	0.57	20.92	2.00	33.01	PASS
		12	6		20.39	0.57	20.96	2.00	33.01	PASS
		12	11		20.40	0.57	20.97	2.00	33.01	PASS
		25	0		20.49	0.57	21.06	2.00	33.01	PASS
		1	0	16QAM	20.31	0.57	20.88	2.00	33.01	PASS
		1	12		20.53	0.57	21.10	2.00	33.01	PASS
		1	24		20.49	0.57	21.06	2.00	33.01	PASS
		12	0		19.31	0.57	19.88	2.00	33.01	PASS
		12	6		19.31	0.57	19.88	2.00	33.01	PASS
		12	11		19.37	0.57	19.94	2.00	33.01	PASS
		25	0		19.54	0.57	20.11	2.00	33.01	PASS
	Middle	1	0	QPSK	20.14	0.57	20.71	2.00	33.01	PASS
		1	12		20.68	0.57	21.25	2.00	33.01	PASS
		1	24		20.36	0.57	20.93	2.00	33.01	PASS
		12	0		19.69	0.57	20.26	2.00	33.01	PASS
		12	6		19.68	0.57	20.25	2.00	33.01	PASS
		12	11		19.70	0.57	20.27	2.00	33.01	PASS
		25	0		19.69	0.57	20.26	2.00	33.01	PASS
		1	0	16QAM	19.68	0.57	20.25	2.00	33.01	PASS
		1	12		20.50	0.57	21.07	2.00	33.01	PASS
		1	24		20.03	0.57	20.60	2.00	33.01	PASS
		12	0		18.73	0.57	19.30	2.00	33.01	PASS
		12	6		18.72	0.57	19.29	2.00	33.01	PASS
		12	11		18.71	0.57	19.28	2.00	33.01	PASS
		25	0		18.77	0.57	19.34	2.00	33.01	PASS
	Highest	1	0	QPSK	20.77	0.57	21.34	2.00	33.01	PASS
		1	12		21.05	0.57	21.62	2.00	33.01	PASS
		1	24		20.78	0.57	21.35	2.00	33.01	PASS
		12	0		20.13	0.57	20.70	2.00	33.01	PASS
		12	6		20.14	0.57	20.71	2.00	33.01	PASS
		12	11		20.08	0.57	20.65	2.00	33.01	PASS
		25	0		20.26	0.57	20.83	2.00	33.01	PASS
		1	0	16QAM	20.32	0.57	20.89	2.00	33.01	PASS
		1	12		20.79	0.57	21.36	2.00	33.01	PASS
		1	24		20.34	0.57	20.91	2.00	33.01	PASS
		12	0		19.16	0.57	19.73	2.00	33.01	PASS
		12	6		19.14	0.57	19.71	2.00	33.01	PASS
		12	11		19.19	0.57	19.76	2.00	33.01	PASS
		25	0		19.27	0.57	19.84	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 41 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	21.65	0.57	22.22	2.00	33.01	PASS
		1	24		21.61	0.57	22.18	2.00	33.01	PASS
		1	49		21.75	0.57	22.32	2.00	33.01	PASS
		25	0		20.45	0.57	21.02	2.00	33.01	PASS
		25	12		20.49	0.57	21.06	2.00	33.01	PASS
		25	24		20.60	0.57	21.17	2.00	33.01	PASS
		50	0		20.50	0.57	21.07	2.00	33.01	PASS
		1	0	16QAM	20.60	0.57	21.17	2.00	33.01	PASS
		1	24		20.59	0.57	21.16	2.00	33.01	PASS
		1	49		20.80	0.57	21.37	2.00	33.01	PASS
		25	0		19.47	0.57	20.04	2.00	33.01	PASS
		25	12		19.49	0.57	20.06	2.00	33.01	PASS
		25	24		19.63	0.57	20.20	2.00	33.01	PASS
		50	0		19.73	0.57	20.30	2.00	33.01	PASS
	Middle	1	0	QPSK	20.39	0.57	20.96	2.00	33.01	PASS
		1	24		20.52	0.57	21.09	2.00	33.01	PASS
		1	49		20.66	0.57	21.23	2.00	33.01	PASS
		25	0		19.55	0.57	20.12	2.00	33.01	PASS
		25	12		19.70	0.57	20.27	2.00	33.01	PASS
		25	24		19.81	0.57	20.38	2.00	33.01	PASS
		50	0		19.79	0.57	20.36	2.00	33.01	PASS
		1	0	16QAM	20.03	0.57	20.60	2.00	33.01	PASS
		1	24		20.25	0.57	20.82	2.00	33.01	PASS
		1	49		20.31	0.57	20.88	2.00	33.01	PASS
		25	0		18.79	0.57	19.36	2.00	33.01	PASS
		25	12		18.85	0.57	19.42	2.00	33.01	PASS
		25	24		18.96	0.57	19.53	2.00	33.01	PASS
		50	0		18.84	0.57	19.41	2.00	33.01	PASS
	Highest	1	0	QPSK	21.24	0.57	21.81	2.00	33.01	PASS
		1	24		21.55	0.57	22.12	2.00	33.01	PASS
		1	49		21.21	0.57	21.78	2.00	33.01	PASS
		25	0		20.15	0.57	20.72	2.00	33.01	PASS
		25	12		20.14	0.57	20.71	2.00	33.01	PASS
		25	24		20.21	0.57	20.78	2.00	33.01	PASS
		50	0		20.25	0.57	20.82	2.00	33.01	PASS
		1	0	16QAM	19.95	0.57	20.52	2.00	33.01	PASS
		1	24		20.32	0.57	20.89	2.00	33.01	PASS
		1	49		20.09	0.57	20.66	2.00	33.01	PASS
		25	0		19.24	0.57	19.81	2.00	33.01	PASS
		25	12		19.23	0.57	19.80	2.00	33.01	PASS
		25	24		19.23	0.57	19.80	2.00	33.01	PASS
		50	0		19.26	0.57	19.83	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 41 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	21.40	0.57	21.97	2.00	33.01	PASS
		1	37		21.89	0.57	22.46	2.00	33.01	PASS
		1	74		21.59	0.57	22.16	2.00	33.01	PASS
		36	0		20.26	0.57	20.83	2.00	33.01	PASS
		36	18		20.45	0.57	21.02	2.00	33.01	PASS
		36	39		20.42	0.57	20.99	2.00	33.01	PASS
		75	0		20.45	0.57	21.02	2.00	33.01	PASS
		1	0	16QAM	20.48	0.57	21.05	2.00	33.01	PASS
		1	37		20.50	0.57	21.07	2.00	33.01	PASS
		1	74		20.45	0.57	21.02	2.00	33.01	PASS
		36	0		19.32	0.57	19.89	2.00	33.01	PASS
		36	18		19.44	0.57	20.01	2.00	33.01	PASS
		36	39		19.39	0.57	19.96	2.00	33.01	PASS
		75	0		19.50	0.57	20.07	2.00	33.01	PASS
	Middle	1	0	QPSK	20.36	0.57	20.93	2.00	33.01	PASS
		1	37		20.57	0.57	21.14	2.00	33.01	PASS
		1	74		20.72	0.57	21.29	2.00	33.01	PASS
		36	0		19.59	0.57	20.16	2.00	33.01	PASS
		36	18		19.70	0.57	20.27	2.00	33.01	PASS
		36	39		19.90	0.57	20.47	2.00	33.01	PASS
		75	0		19.74	0.57	20.31	2.00	33.01	PASS
		1	0	16QAM	20.01	0.57	20.58	2.00	33.01	PASS
		1	37		20.57	0.57	21.14	2.00	33.01	PASS
		1	74		20.79	0.57	21.36	2.00	33.01	PASS
		36	0		18.63	0.57	19.20	2.00	33.01	PASS
		36	18		18.76	0.57	19.33	2.00	33.01	PASS
		36	39		18.88	0.57	19.45	2.00	33.01	PASS
		75	0		18.85	0.57	19.42	2.00	33.01	PASS
	Highest	1	0	QPSK	21.05	0.57	21.62	2.00	33.01	PASS
		1	37		21.42	0.57	21.99	2.00	33.01	PASS
		1	74		21.03	0.57	21.60	2.00	33.01	PASS
		36	0		20.03	0.57	20.60	2.00	33.01	PASS
		36	18		20.10	0.57	20.67	2.00	33.01	PASS
		36	39		20.20	0.57	20.77	2.00	33.01	PASS
		75	0		20.10	0.57	20.67	2.00	33.01	PASS
		1	0	16QAM	20.38	0.57	20.95	2.00	33.01	PASS
		1	37		20.78	0.57	21.35	2.00	33.01	PASS
		1	74		20.76	0.57	21.33	2.00	33.01	PASS
		36	0		19.09	0.57	19.66	2.00	33.01	PASS
		36	18		19.17	0.57	19.74	2.00	33.01	PASS
		36	39		18.95	0.57	19.52	2.00	33.01	PASS
		75	0		19.19	0.57	19.76	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 41 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	21.11	0.57	21.68	2.00	33.01	PASS
		1	49		21.21	0.57	21.78	2.00	33.01	PASS
		1	99		21.15	0.57	21.72	2.00	33.01	PASS
		50	0		20.37	0.57	20.94	2.00	33.01	PASS
		50	24		20.52	0.57	21.09	2.00	33.01	PASS
		50	49		20.35	0.57	20.92	2.00	33.01	PASS
		100	0		20.48	0.57	21.05	2.00	33.01	PASS
		1	0	16QAM	20.52	0.57	21.09	2.00	33.01	PASS
		1	49		20.70	0.57	21.27	2.00	33.01	PASS
		1	99		20.75	0.57	21.32	2.00	33.01	PASS
		50	0		19.51	0.57	20.08	2.00	33.01	PASS
		50	24		19.79	0.57	20.36	2.00	33.01	PASS
		50	49		19.74	0.57	20.31	2.00	33.01	PASS
		100	0		19.53	0.57	20.10	2.00	33.01	PASS
	Middle	1	0	QPSK	21.92	0.57	22.49	2.00	33.01	PASS
		1	49		21.00	0.57	21.57	2.00	33.01	PASS
		1	99		21.29	0.57	21.86	2.00	33.01	PASS
		50	0		19.63	0.57	20.20	2.00	33.01	PASS
		50	24		19.68	0.57	20.25	2.00	33.01	PASS
		50	49		19.92	0.57	20.49	2.00	33.01	PASS
		100	0		19.86	0.57	20.43	2.00	33.01	PASS
		1	0	16QAM	20.26	0.57	20.83	2.00	33.01	PASS
		1	49		20.27	0.57	20.84	2.00	33.01	PASS
		1	99		20.54	0.57	21.11	2.00	33.01	PASS
		50	0		18.87	0.57	19.44	2.00	33.01	PASS
		50	24		18.92	0.57	19.49	2.00	33.01	PASS
		50	49		19.05	0.57	19.62	2.00	33.01	PASS
		100	0		18.89	0.57	19.46	2.00	33.01	PASS
	Highest	1	0	QPSK	20.77	0.57	21.34	2.00	33.01	PASS
		1	49		21.25	0.57	21.82	2.00	33.01	PASS
		1	99		21.25	0.57	21.82	2.00	33.01	PASS
		50	0		20.05	0.57	20.62	2.00	33.01	PASS
		50	24		20.08	0.57	20.65	2.00	33.01	PASS
		50	49		20.13	0.57	20.70	2.00	33.01	PASS
		100	0		20.11	0.57	20.68	2.00	33.01	PASS
		1	0	16QAM	19.51	0.57	20.08	2.00	33.01	PASS
		1	49		19.86	0.57	20.43	2.00	33.01	PASS
		1	99		19.62	0.57	20.19	2.00	33.01	PASS
		50	0		18.92	0.57	19.49	2.00	33.01	PASS
		50	24		19.02	0.57	19.59	2.00	33.01	PASS
		50	49		19.24	0.57	19.81	2.00	33.01	PASS
		100	0		19.18	0.57	19.75	2.00	33.01	PASS

5.2 PEAK TO AVERAGE RATIO

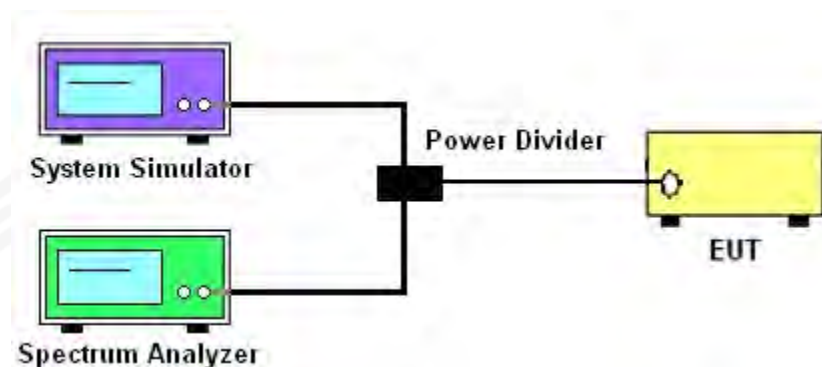
TEST OVERVIEW

According to §24.232(d), power measurements for transmissions by stations authorized under this section may be made either in accordance with a commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of §24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 db.

TEST PROCEDURES

1. The testing follows FCC KDB 971168 v03r01 section.
2. The eut was connected to the peak and av system simulator& spectrum analyzer.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Set the test probe and measure average power of the spectrum analysis,

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment “STS2511254W01_Appendix GSM” , “STS2511254W01_Appendix WCDMA” and “STS2511254W01_Appendix LTE”.

5.3 OCCUPIED BANDWIDTH

TEST OVERVIEW

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured.

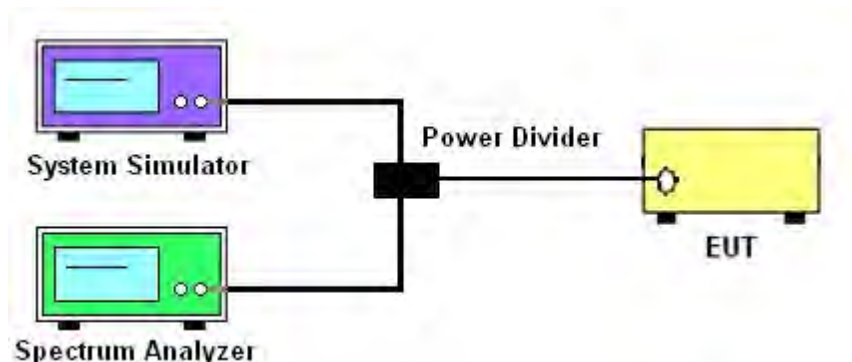
The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth)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

All modes of operation were investigated and the worst case configuration results are reported in this section.

TEST PROCEDURE

1. The signal analyzer's automatic bandwidth measurement capability was used to perform the 99% occupied bandwidth and the 26dB bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. $RBW = 1 - 5\%$ of the expected OBW
3. $VBW \geq 3 \times RBW$
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. The trace was allowed to stabilize
8. If necessary, steps 2 – 7 were repeated after changing the RBW such that it would be within 1 – 5% of the 99% occupied bandwidth observed in Step 7

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment "STS2511254W01_Appendix GSM", "STS2511254W01_Appendix WCDMA" and "STS2511254W01_Appendix LTE".

5.4 FREQUENCY STABILITY

TEST OVERVIEW

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26 2015.

The frequency stability of the transmitter is measured by:

- a.) Temperature: The temperature is varied from -30°C to $+50^{\circ}\text{C}$ in 10°C increments using an environmental chamber.
- b.) Primary Supply Voltage: The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

For Part 22, the frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ (± 2.5 ppm) of the center frequency. For Part 24 the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

TEST PROCEDURE

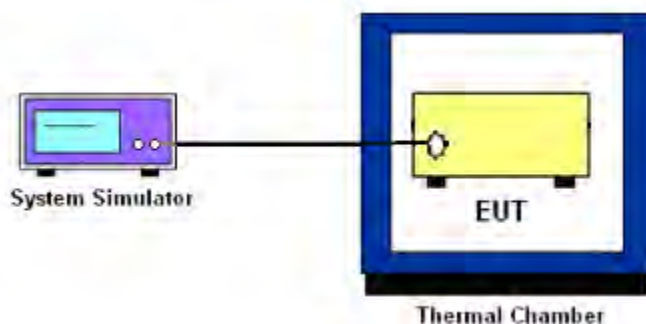
Temperature Variation

1. The testing follows FCC KDB 971168 D01 section 9.0
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. 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.
4. With power OFF, the temperature was raised in 10°C steps 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.

Voltage Variation

1. The testing follows FCC KDB 971168 D01 Section 9.0.
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.

TEST SETUP



TEST RESULT

GPRS 850 /836.6MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	22.29	0.027	2.5ppm	PASS
40		31.37	0.037		
30		14.39	0.017		
20		36.28	0.043		
10		15.29	0.018		
0		14.62	0.017		
-10		33.95	0.041		
-20		29.36	0.035		
-30		15.93	0.019		
20	Maximum Voltage	20.80	0.025		
20	BEP	13.55	0.016		

EGPRS 850 /836.6MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	19.75	0.024	2.5ppm	PASS
40		18.34	0.022		
30		36.06	0.043		
20		14.17	0.017		
10		23.67	0.028		
0		13.70	0.016		
-10		31.99	0.038		
-20		13.24	0.016		
-30		32.70	0.039		
20	Maximum Voltage	19.49	0.023		
20	BEP	31.41	0.038		

GPRS 1900 / 1880MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	16.99	0.009	Within Authorized Band	PASS
40		20.98	0.011		
30		29.54	0.016		
20		22.28	0.012		
10		29.97	0.016		
0		16.65	0.009		
-10		32.15	0.017		
-20		11.97	0.006		
-30		31.31	0.017		
20	Maximum Voltage	34.16	0.018		
20	BEP	14.00	0.007		



EGPRS 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	26.16	0.014	Within Authorized Band	PASS
40		26.99	0.014		
30		16.78	0.009		
20		13.00	0.007		
10		32.97	0.018		
0		23.63	0.013		
-10		13.16	0.007		
-20		14.01	0.007		
-30		32.79	0.017		
20	Maximum Voltage	35.27	0.019		
20	BEP	13.32	0.007		

UMTS Band 2 /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	21.70	0.012	Within Authorized Band	PASS
40		32.92	0.018		
30		21.41	0.011		
20		22.57	0.012		
10		35.13	0.019		
0		30.53	0.016		
-10		22.45	0.012		
-20		18.27	0.010		
-30		28.10	0.015		
20	Maximum Voltage	28.56	0.015		
20	BEP	33.44	0.018		

HSDPA Band 2 /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	32.95	0.018	Within Authorized Band	PASS
40		27.57	0.015		
30		21.51	0.011		
20		12.71	0.007		
10		28.15	0.015		
0		25.97	0.014		
-10		25.75	0.014		
-20		20.92	0.011		
-30		23.12	0.012		
20	Maximum Voltage	21.28	0.011		
20	BEP	14.07	0.007		



HSUPA Band 2 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.43	0.011	Within Authorized Band	PASS
40		26.13	0.014		
30		29.98	0.016		
20		17.90	0.010		
10		36.29	0.019		
0		35.35	0.019		
-10		19.22	0.010		
-20		36.14	0.019		
-30		19.25	0.010		
20	Maximum Voltage	27.41	0.015		
20	BEP	17.27	0.009		

UMTS Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.64	0.016	2.5ppm	PASS
40		21.76	0.026		
30		28.27	0.034		
20		29.82	0.036		
10		22.97	0.027		
0		31.66	0.038		
-10		14.44	0.017		
-20		23.55	0.028		
-30		15.27	0.018		
20	Maximum Voltage	21.88	0.026		
20	BEP	25.33	0.030		



HSDPA Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	15.80	0.019	2.5ppm	PASS
40		18.99	0.023		
30		29.06	0.035		
20		35.87	0.043		
10		32.25	0.039		
0		24.51	0.029		
-10		16.34	0.020		
-20		31.06	0.037		
-30		23.64	0.028		
20	Maximum Voltage	31.29	0.037		
20	BEP	33.21	0.040		

HSUPA Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.16	0.017	2.5ppm	PASS
40		20.38	0.024		
30		33.58	0.040		
20		32.02	0.038		
10		13.00	0.016		
0		27.61	0.033		
-10		13.82	0.017		
-20		19.21	0.023		
-30		34.41	0.041		
20	Maximum Voltage	25.61	0.031		
20	BEP	21.11	0.025		

LTE Band 5 (QPSK) / 836.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.05	0.016	2.5ppm	PASS
40		29.36	0.035		
30		14.14	0.017		
20		35.69	0.043		
10		15.66	0.019		
0		27.06	0.032		
-10		13.49	0.016		
-20		26.09	0.031		
-30		32.11	0.038		
20	Maximum Voltage	14.05	0.017		
20	BEP	32.56	0.039		



LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	28.88	0.035	2.5ppm	PASS
40		32.54	0.039		
30		34.20	0.041		
20		35.24	0.042		
10		20.23	0.024		
0		22.38	0.027		
-10		23.97	0.029		
-20		22.19	0.027		
-30		20.63	0.025		
20	Maximum Voltage	20.35	0.024		
20	BEP	34.07	0.041		

LTE Band 7 (QPSK) / 2535MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	18.92	0.007	2.5ppm	PASS
40		16.71	0.007		
30		17.30	0.007		
20		16.62	0.007		
10		36.38	0.014		
0		33.18	0.013		
-10		23.87	0.009		
-20		28.19	0.011		
-30		24.43	0.010		
20	Maximum Voltage	20.26	0.008		
20	BEP	29.70	0.012		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.58	0.012	2.5ppm	PASS
40		24.84	0.010		
30		31.96	0.013		
20		20.63	0.008		
10		27.50	0.011		
0		27.36	0.011		
-10		23.46	0.009		
-20		33.46	0.013		
-30		20.47	0.008		
20	Maximum Voltage	14.53	0.006		
20	BEP	15.40	0.006		



LTE Band 38 (QPSK) / 2595MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	26.56	0.010	2.5ppm	PASS
40		12.49	0.005		
30		29.28	0.011		
20		15.40	0.006		
10		16.92	0.007		
0		13.62	0.005		
-10		32.06	0.012		
-20		27.07	0.010		
-30		21.78	0.008		
20	Maximum Voltage	33.72	0.013		
20	BEP	36.13	0.014		

LTE Band 38 (QPSK) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.58	0.013	2.5ppm	PASS
40		33.05	0.013		
30		16.95	0.007		
20		16.30	0.006		
10		15.40	0.006		
0		31.56	0.012		
-10		34.64	0.013		
-20		19.55	0.008		
-30		21.72	0.008		
20	Maximum Voltage	28.80	0.011		
20	BEP	26.16	0.010		

LTE Band 40 (QPSK) / 2310MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.34	0.008	2.5ppm	PASS
40		22.96	0.010		
30		21.89	0.009		
20		32.23	0.014		
10		18.27	0.008		
0		28.23	0.012		
-10		15.01	0.006		
-20		21.11	0.009		
-30		27.72	0.012		
20	Maximum Voltage	13.39	0.006		
20	BEP	31.18	0.013		



LTE Band 40 (QPSK) / 2355MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	24.98	0.011	2.5ppm	PASS
40		14.42	0.006		
30		31.63	0.014		
20		15.72	0.007		
10		31.88	0.014		
0		36.45	0.016		
-10		12.74	0.006		
-20		13.46	0.006		
-30		24.56	0.011		
20	Maximum Voltage	20.53	0.009		
20	BEP	15.54	0.007		

LTE Band 41 (QPSK) / 2593MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.49	0.005	2.5ppm	PASS
40		31.35	0.012		
30		31.75	0.012		
20		28.81	0.011		
10		12.17	0.005		
0		35.46	0.014		
-10		16.29	0.006		
-20		33.59	0.013		
-30		17.42	0.007		
20	Maximum Voltage	17.93	0.007		
20	BEP	29.28	0.011		

LTE Band 41 (QPSK) / 2593MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.90	0.007	2.5ppm	PASS
40		34.71	0.013		
30		23.20	0.009		
20		19.21	0.007		
10		32.90	0.013		
0		31.85	0.012		
-10		12.10	0.005		
-20		32.05	0.012		
-30		16.31	0.006		
20	Maximum Voltage	35.51	0.014		
20	BEP	20.33	0.008		

5.5 SPURIOUS EMISSIONS AT ANTENNA TERMINALS

TEST OVERVIEW

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:

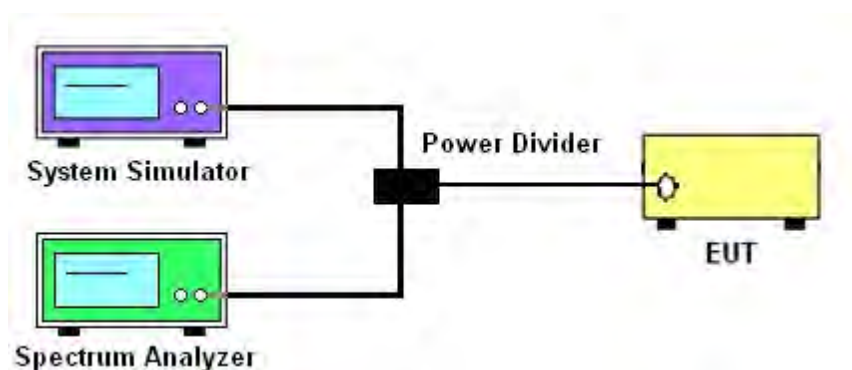
The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

TEST PROCEDURE

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 the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13\text{dBm}$.

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment “STS2511254W01_Appendix GSM”, “STS2511254W01_Appendix WCDMA” and “STS2511254W01_Appendix LTE”.



5.6 BAND EDGE

TEST OVERVIEW

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 than $43 + 10 \log (P)$ 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.

TEST PROCEDURE

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0 and ANSI C63.26-2015-Section 5.7
2. Start and stop frequency were set such that the band edge would be placed in the center of the Plot.
3. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
4. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
5. The band edges of low and high channels for the highest RF powers were measured.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

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

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

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

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

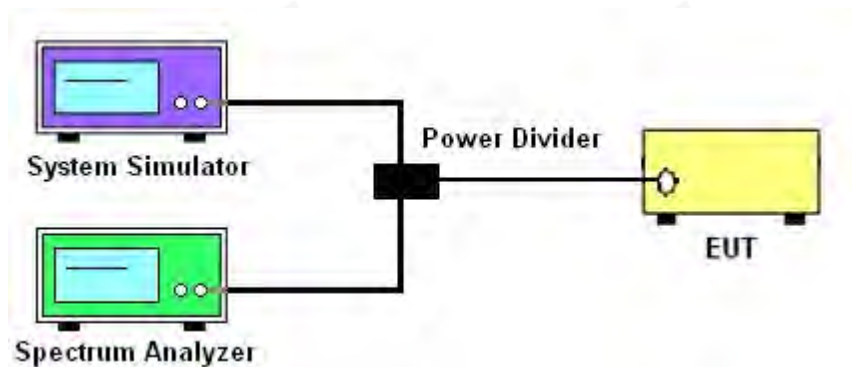
Band 7:

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

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

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

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment “STS2511254W01_Appendix GSM”, “STS2511254W01_Appendix WCDMA” and “STS2511254W01_Appendix LTE”.



5.7 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

TEST OVERVIEW

Radiated spurious emissions measurements are performed using the substitution method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using horizontally and vertically polarized tuned dipole antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized horn antennas. All measurements are performed as peak measurements while the EUT is operating at maximum power and at the appropriate frequencies.

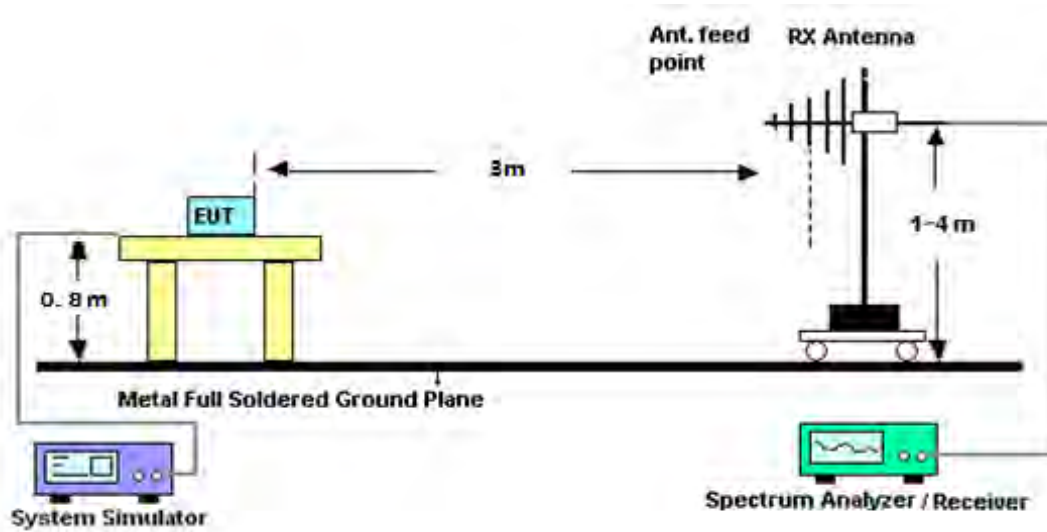
It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

TEST PROCEDURE

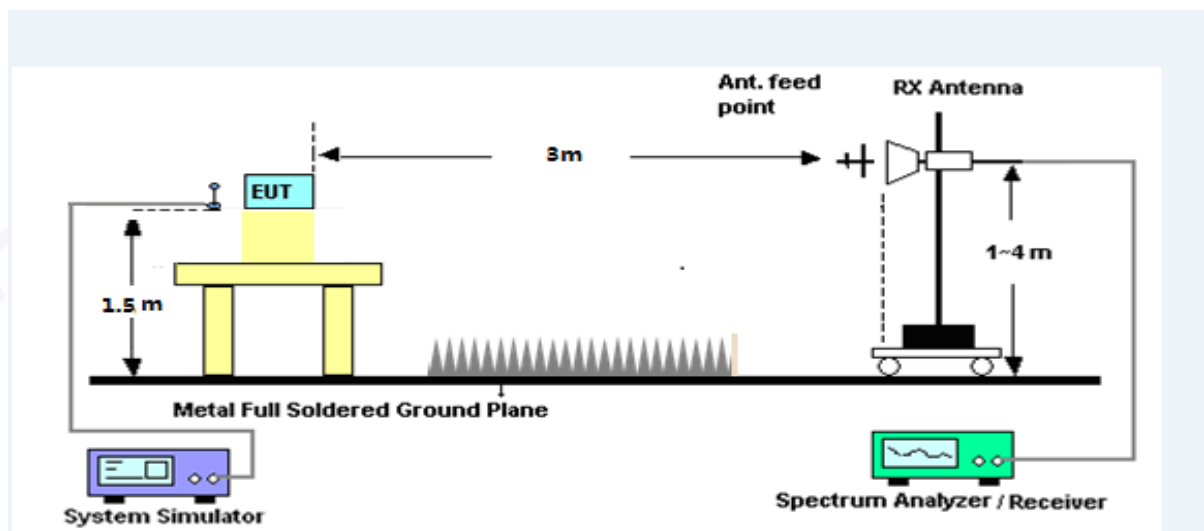
1. The testing FCC KDB 971168 D01 Section 5.8 and ANSI C63.26-2015-Section 5.5.
2. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
3. VBW $\geq 3 \times$ RBW
4. Span = 1.5 times the OBW
5. No. of sweep points $> 2 \times$ span/RBW
6. Detector = Peak
7. Trace mode = max hold
8. The trace was allowed to stabilize
9. Effective Isotropic Spurious Radiation was measured by substitution method according to TIA/EIA-603-D. The EUT was replaced by the substitution antenna at same location, and then a known power from S.G. was applied into the dipole antenna through a Tx cable, and then recorded the maximum Analyzer reading through raised and lowered the test antenna.
 $P_{Mea} = S.G \text{ Level} + \text{Ant-Cable loss}$; $\text{Margin} = P_{Mea} - \text{Limit}$.

TEST SETUP

For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



**TEST RESULT**

Note: (1) Spurious emissions which are attenuated by more than 20dB below the permissible value for frequency below 1000MHz.

(2) Above 3.5GHz amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value

(3) Test is divided into three directions, X/Y/Z. X pattern for the worst.

GPRS 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.30	-41.14	9.40	4.75	-36.49	-13.00	-23.49	H
2472.33	-40.32	10.60	8.39	-38.11	-13.00	-25.11	H
3296.72	-32.31	12.00	11.79	-32.10	-13.00	-19.10	H
1648.30	-44.46	9.40	4.75	-39.81	-13.00	-26.81	V
2472.33	-44.43	10.60	8.39	-42.22	-13.00	-29.22	V
3296.72	-43.49	12.00	11.79	-43.28	-13.00	-30.28	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.26	-41.24	9.50	4.76	-36.50	-13.00	-23.50	H
2509.66	-39.29	10.70	8.40	-36.99	-13.00	-23.99	H
3345.99	-32.34	12.20	11.80	-31.94	-13.00	-18.94	H
1673.26	-43.77	9.40	4.75	-39.12	-13.00	-26.12	V
2509.66	-44.44	10.60	8.39	-42.23	-13.00	-29.23	V
3345.99	-42.82	12.20	11.82	-42.44	-13.00	-29.44	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1697.60	-40.28	9.60	4.77	-35.45	-13.00	-22.45	H
2546.14	-40.38	10.80	8.50	-38.08	-13.00	-25.08	H
3394.92	-30.93	12.50	11.90	-30.33	-13.00	-17.33	H
1697.60	-43.48	9.60	4.77	-38.65	-13.00	-25.65	V
2546.14	-44.88	10.80	8.50	-42.58	-13.00	-29.58	V
3394.92	-43.05	12.50	11.90	-42.45	-13.00	-29.45	V



EGPRS 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.09	-41.57	9.40	4.75	-36.92	-13.00	-23.92	H
2472.48	-39.43	10.60	8.39	-37.22	-13.00	-24.22	H
3296.47	-32.22	12.00	11.79	-32.01	-13.00	-19.01	H
1648.09	-43.29	9.40	4.75	-38.64	-13.00	-25.64	V
2472.48	-44.78	10.60	8.39	-42.57	-13.00	-29.57	V
3296.47	-43.66	12.00	11.79	-43.45	-13.00	-30.45	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.83	-40.60	9.50	4.76	-35.86	-13.00	-22.86	H
2509.71	-40.34	10.70	8.40	-38.04	-13.00	-25.04	H
3346.13	-30.87	12.20	11.80	-30.47	-13.00	-17.47	H
1672.83	-44.00	9.40	4.75	-39.35	-13.00	-26.35	V
2509.71	-44.38	10.60	8.39	-42.17	-13.00	-29.17	V
3346.13	-43.49	12.20	11.82	-43.11	-13.00	-30.11	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1697.46	-40.70	9.60	4.77	-35.87	-13.00	-22.87	H
2546.45	-40.00	10.80	8.50	-37.70	-13.00	-24.70	H
3394.94	-31.24	12.50	11.90	-30.64	-13.00	-17.64	H
1697.46	-43.89	9.60	4.77	-39.06	-13.00	-26.06	V
2546.45	-44.65	10.80	8.50	-42.35	-13.00	-29.35	V
3394.94	-42.80	12.50	11.90	-42.20	-13.00	-29.20	V



GPRS1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3700.42	-34.25	12.60	12.93	-34.58	-13.00	-21.58	H
5550.42	-35.42	13.10	17.11	-39.43	-13.00	-26.43	H
7400.62	-32.47	11.50	22.20	-43.17	-13.00	-30.17	H
3700.42	-35.19	12.60	12.93	-35.52	-13.00	-22.52	V
5550.42	-34.89	13.10	17.11	-38.90	-13.00	-25.90	V
7400.62	-33.01	11.50	22.20	-43.71	-13.00	-30.71	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.24	-34.79	12.60	12.93	-35.12	-13.00	-22.12	H
5639.89	-34.87	13.10	17.11	-38.88	-13.00	-25.88	H
7520.11	-32.32	11.50	22.20	-43.02	-13.00	-30.02	H
3760.24	-35.61	12.60	12.93	-35.94	-13.00	-22.94	V
5639.89	-34.25	13.10	17.11	-38.26	-13.00	-25.26	V
7520.11	-32.79	11.50	22.20	-43.49	-13.00	-30.49	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3819.62	-33.61	12.60	12.93	-33.94	-13.00	-20.94	H
5729.40	-34.99	13.10	17.11	-39.00	-13.00	-26.00	H
7639.24	-32.25	11.50	22.20	-42.95	-13.00	-29.95	H
3819.62	-35.90	12.60	12.93	-36.23	-13.00	-23.23	V
5729.40	-34.91	13.10	17.11	-38.92	-13.00	-25.92	V
7639.24	-32.60	11.50	22.20	-43.30	-13.00	-30.30	V



EGPRS 1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3700.21	-33.53	12.60	12.93	-33.86	-13.00	-20.86	H
5550.42	-34.43	13.10	17.11	-38.44	-13.00	-25.44	H
7400.86	-33.30	11.50	22.20	-44.00	-13.00	-31.00	H
3700.21	-35.12	12.60	12.93	-35.45	-13.00	-22.45	V
5550.42	-34.65	13.10	17.11	-38.66	-13.00	-25.66	V
7400.86	-31.99	11.50	22.20	-42.69	-13.00	-29.69	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.22	-33.56	12.60	12.93	-33.89	-13.00	-20.89	H
5639.98	-34.03	13.10	17.11	-38.04	-13.00	-25.04	H
7520.29	-32.89	11.50	22.20	-43.59	-13.00	-30.59	H
3760.22	-34.62	12.60	12.93	-34.95	-13.00	-21.95	V
5639.98	-34.17	13.10	17.11	-38.18	-13.00	-25.18	V
7520.29	-32.13	11.50	22.20	-42.83	-13.00	-29.83	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3819.64	-33.63	12.60	12.93	-33.96	-13.00	-20.96	H
5729.20	-35.46	13.10	17.11	-39.47	-13.00	-26.47	H
7638.91	-32.16	11.50	22.20	-42.86	-13.00	-29.86	H
3819.64	-35.85	12.60	12.93	-36.18	-13.00	-23.18	V
5729.20	-34.55	13.10	17.11	-38.56	-13.00	-25.56	V
7638.91	-32.14	11.50	22.20	-42.84	-13.00	-29.84	V



WCDMA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.33	-34.55	12.60	12.93	-34.88	-13.00	-21.88	H
5557.54	-34.01	13.10	17.11	-38.02	-13.00	-25.02	H
7409.89	-33.28	11.50	22.20	-43.98	-13.00	-30.98	H
3704.33	-34.72	12.60	12.93	-35.05	-13.00	-22.05	V
5557.54	-33.98	13.10	17.11	-37.99	-13.00	-24.99	V
7409.89	-33.15	11.50	22.20	-43.85	-13.00	-30.85	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.86	-33.63	12.60	12.93	-33.96	-13.00	-20.96	H
5640.12	-35.39	13.10	17.11	-39.40	-13.00	-26.40	H
7520.02	-32.53	11.50	22.20	-43.23	-13.00	-30.23	H
3759.86	-35.67	12.60	12.93	-36.00	-13.00	-23.00	V
5640.12	-34.56	13.10	17.11	-38.57	-13.00	-25.57	V
7520.02	-32.72	11.50	22.20	-43.42	-13.00	-30.42	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.34	-34.52	12.60	12.93	-34.85	-13.00	-21.85	H
5722.85	-34.12	13.10	17.11	-38.13	-13.00	-25.13	H
7630.10	-32.44	11.50	22.20	-43.14	-13.00	-30.14	H
3815.34	-34.97	12.60	12.93	-35.30	-13.00	-22.30	V
5722.85	-34.86	13.10	17.11	-38.87	-13.00	-25.87	V
7630.10	-32.93	11.50	22.20	-43.63	-13.00	-30.63	V



HSDPA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.29	-34.62	12.60	12.93	-34.95	-13.00	-21.95	H
5557.32	-35.02	13.10	17.11	-39.03	-13.00	-26.03	H
7409.77	-32.79	11.50	22.20	-43.49	-13.00	-30.49	H
3704.29	-34.59	12.60	12.93	-34.92	-13.00	-21.92	V
5557.32	-34.67	13.10	17.11	-38.68	-13.00	-25.68	V
7409.77	-32.80	11.50	22.20	-43.50	-13.00	-30.50	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.98	-34.70	12.60	12.93	-35.03	-13.00	-22.03	H
5640.19	-34.96	13.10	17.11	-38.97	-13.00	-25.97	H
7520.01	-32.26	11.50	22.20	-42.96	-13.00	-29.96	H
3759.98	-34.71	12.60	12.93	-35.04	-13.00	-22.04	V
5640.19	-34.58	13.10	17.11	-38.59	-13.00	-25.59	V
7520.01	-31.93	11.50	22.20	-42.63	-13.00	-29.63	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.23	-34.35	12.60	12.93	-34.68	-13.00	-21.68	H
5722.82	-34.69	13.10	17.11	-38.70	-13.00	-25.70	H
7630.26	-33.17	11.50	22.20	-43.87	-13.00	-30.87	H
3815.23	-34.73	12.60	12.93	-35.06	-13.00	-22.06	V
5722.82	-34.00	13.10	17.11	-38.01	-13.00	-25.01	V
7630.26	-32.61	11.50	22.20	-43.31	-13.00	-30.31	V



HSUPA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.41	-34.85	12.60	12.93	-35.18	-13.00	-22.18	H
5557.29	-35.04	13.10	17.11	-39.05	-13.00	-26.05	H
7409.96	-32.21	11.50	22.20	-42.91	-13.00	-29.91	H
3704.41	-34.83	12.60	12.93	-35.16	-13.00	-22.16	V
5557.29	-34.57	13.10	17.11	-38.58	-13.00	-25.58	V
7409.96	-32.42	11.50	22.20	-43.12	-13.00	-30.12	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.92	-34.37	12.60	12.93	-34.70	-13.00	-21.70	H
5639.82	-34.67	13.10	17.11	-38.68	-13.00	-25.68	H
7519.84	-32.94	11.50	22.20	-43.64	-13.00	-30.64	H
3759.92	-35.85	12.60	12.93	-36.18	-13.00	-23.18	V
5639.82	-34.98	13.10	17.11	-38.99	-13.00	-25.99	V
7519.84	-32.60	11.50	22.20	-43.30	-13.00	-30.30	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.25	-34.89	12.60	12.93	-35.22	-13.00	-22.22	H
5722.59	-34.69	13.10	17.11	-38.70	-13.00	-25.70	H
7630.38	-33.47	11.50	22.20	-44.17	-13.00	-31.17	H
3815.25	-34.58	12.60	12.93	-34.91	-13.00	-21.91	V
5722.59	-35.16	13.10	17.11	-39.17	-13.00	-26.17	V
7630.38	-31.96	11.50	22.20	-42.66	-13.00	-29.66	V



WCDMA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.60	-40.45	9.40	4.75	-35.80	-13.00	-22.80	H
2479.35	-40.22	10.60	8.39	-38.01	-13.00	-25.01	H
3305.51	-31.89	12.00	11.79	-31.68	-13.00	-18.68	H
1652.60	-44.00	9.40	4.75	-39.35	-13.00	-26.35	V
2479.35	-44.62	10.60	8.39	-42.41	-13.00	-29.41	V
3305.51	-43.69	12.00	11.79	-43.48	-13.00	-30.48	V
The Worst Test Results Channel 4182/836.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.87	-40.24	9.40	4.75	-35.59	-13.00	-22.59	H
2509.39	-40.61	10.60	8.39	-38.40	-13.00	-25.40	H
3345.38	-31.77	12.00	11.79	-31.56	-13.00	-18.56	H
1672.87	-43.81	9.40	4.75	-39.16	-13.00	-26.16	V
2509.39	-44.72	10.60	8.39	-42.51	-13.00	-29.51	V
3345.38	-43.00	12.00	11.79	-42.79	-13.00	-29.79	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.45	-40.76	9.40	4.75	-36.11	-13.00	-23.11	H
2539.60	-39.17	10.60	8.39	-36.96	-13.00	-23.96	H
3386.35	-31.69	12.00	11.79	-31.48	-13.00	-18.48	H
1693.45	-43.83	9.40	4.75	-39.18	-13.00	-26.18	V
2539.60	-45.43	10.60	8.39	-43.22	-13.00	-30.22	V
3386.35	-42.53	12.00	11.79	-42.32	-13.00	-29.32	V



HSDPA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.83	-41.29	9.40	4.75	-36.64	-13.00	-23.64	H
2479.11	-40.62	10.60	8.39	-38.41	-13.00	-25.41	H
3305.83	-31.48	12.00	11.79	-31.27	-13.00	-18.27	H
1652.83	-43.75	9.40	4.75	-39.10	-13.00	-26.10	V
2479.11	-44.86	10.60	8.39	-42.65	-13.00	-29.65	V
3305.83	-43.78	12.00	11.79	-43.57	-13.00	-30.57	V
The Worst Test Results Channel 4182/836.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.58	-41.08	9.40	4.75	-36.43	-13.00	-23.43	H
2509.10	-40.46	10.60	8.39	-38.25	-13.00	-25.25	H
3345.47	-31.66	12.00	11.79	-31.45	-13.00	-18.45	H
1672.58	-43.54	9.40	4.75	-38.89	-13.00	-25.89	V
2509.10	-45.18	10.60	8.39	-42.97	-13.00	-29.97	V
3345.47	-43.58	12.00	11.79	-43.37	-13.00	-30.37	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.22	-41.49	9.40	4.75	-36.84	-13.00	-23.84	H
2539.84	-39.32	10.60	8.39	-37.11	-13.00	-24.11	H
3386.34	-30.89	12.00	11.79	-30.68	-13.00	-17.68	H
1693.22	-44.41	9.40	4.75	-39.76	-13.00	-26.76	V
2539.84	-44.11	10.60	8.39	-41.90	-13.00	-28.90	V
3386.34	-43.43	12.00	11.79	-43.22	-13.00	-30.22	V



HSUPA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.83	-40.63	9.40	4.75	-35.98	-13.00	-22.98	H
2479.07	-40.17	10.60	8.39	-37.96	-13.00	-24.96	H
3305.80	-31.66	12.00	11.79	-31.45	-13.00	-18.45	H
1652.83	-43.92	9.40	4.75	-39.27	-13.00	-26.27	V
2479.07	-44.23	10.60	8.39	-42.02	-13.00	-29.02	V
3305.80	-43.02	12.00	11.79	-42.81	-13.00	-29.81	V
The Worst Test Results Channel 4182/836.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.63	-41.62	9.40	4.75	-36.97	-13.00	-23.97	H
2509.51	-39.56	10.60	8.39	-37.35	-13.00	-24.35	H
3345.40	-32.22	12.00	11.79	-32.01	-13.00	-19.01	H
1672.63	-43.55	9.40	4.75	-38.90	-13.00	-25.90	V
2509.51	-44.99	10.60	8.39	-42.78	-13.00	-29.78	V
3345.40	-42.89	12.00	11.79	-42.68	-13.00	-29.68	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.28	-40.88	9.40	4.75	-36.23	-13.00	-23.23	H
2539.88	-39.24	10.60	8.39	-37.03	-13.00	-24.03	H
3386.12	-30.91	12.00	11.79	-30.70	-13.00	-17.70	H
1693.28	-44.21	9.40	4.75	-39.56	-13.00	-26.56	V
2539.88	-45.07	10.60	8.39	-42.86	-13.00	-29.86	V
3386.12	-42.88	12.00	11.79	-42.67	-13.00	-29.67	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
1648.89	-33.57	9.56	9.72	-33.73	-13.00	-20.73	H
2473.60	-35.25	10.50	10.86	-35.61	-13.00	-22.61	H
3298.45	-32.49	12.78	11.57	-31.28	-13.00	-18.28	H
1648.89	-35.65	9.56	9.72	-35.81	-13.00	-22.81	V
2473.60	-34.05	10.50	10.86	-34.41	-13.00	-21.41	V
3298.45	-31.99	12.78	11.57	-30.78	-13.00	-17.78	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
1672.51	-34.10	9.56	9.72	-34.26	-13.00	-21.26	H
2509.08	-34.66	10.50	10.86	-35.02	-13.00	-22.02	H
3345.47	-32.17	12.78	11.57	-30.96	-13.00	-17.96	H
1672.51	-35.79	9.56	9.72	-35.95	-13.00	-22.95	V
2509.08	-35.04	10.50	10.86	-35.40	-13.00	-22.40	V
3345.47	-32.25	12.78	11.57	-31.04	-13.00	-18.04	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
1696.36	-34.09	9.56	9.72	-34.25	-13.00	-21.25	H
2544.54	-34.57	10.50	10.86	-34.93	-13.00	-21.93	H
3392.99	-32.94	12.78	11.57	-31.73	-13.00	-18.73	H
1696.36	-35.47	9.56	9.72	-35.63	-13.00	-22.63	V
2544.54	-33.87	10.50	10.86	-34.23	-13.00	-21.23	V
3392.99	-32.15	12.78	11.57	-30.94	-13.00	-17.94	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
1650.18	-34.03	9.56	9.72	-34.19	-13.00	-21.19	H
2475.75	-35.04	10.50	10.86	-35.40	-13.00	-22.40	H
3301.28	-33.04	12.78	11.57	-31.83	-13.00	-18.83	H
1650.18	-35.34	9.56	9.72	-35.50	-13.00	-22.50	V
2475.75	-34.37	10.50	10.86	-34.73	-13.00	-21.73	V
3301.28	-32.40	12.78	11.57	-31.19	-13.00	-18.19	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
1672.15	-33.97	9.56	9.72	-34.13	-13.00	-21.13	H
2508.70	-34.46	10.50	10.86	-34.82	-13.00	-21.82	H
3345.58	-32.77	12.78	11.57	-31.56	-13.00	-18.56	H
1672.15	-35.44	9.56	9.72	-35.60	-13.00	-22.60	V
2508.70	-35.18	10.50	10.86	-35.54	-13.00	-22.54	V
3345.58	-32.25	12.78	11.57	-31.04	-13.00	-18.04	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
1694.47	-33.90	9.56	9.72	-34.06	-13.00	-21.06	H
2541.98	-34.22	10.50	10.86	-34.58	-13.00	-21.58	H
3389.13	-32.21	12.78	11.57	-31.00	-13.00	-18.00	H
1694.47	-35.40	9.56	9.72	-35.56	-13.00	-22.56	V
2541.98	-34.52	10.50	10.86	-34.88	-13.00	-21.88	V
3389.13	-32.94	12.78	11.57	-31.73	-13.00	-18.73	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
1652.46	-34.84	9.56	9.72	-35.00	-13.00	-22.00	H
2478.55	-34.52	10.50	10.86	-34.88	-13.00	-21.88	H
3305.55	-32.32	12.78	11.57	-31.11	-13.00	-18.11	H
1652.46	-34.61	9.56	9.72	-34.77	-13.00	-21.77	V
2478.55	-35.15	10.50	10.86	-35.51	-13.00	-22.51	V
3305.55	-32.17	12.78	11.57	-30.96	-13.00	-17.96	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
1672.48	-34.04	9.56	9.72	-34.20	-13.00	-21.20	H
2508.73	-34.01	10.50	10.86	-34.37	-13.00	-21.37	H
3345.66	-32.64	12.78	11.57	-31.43	-13.00	-18.43	H
1672.48	-35.61	9.56	9.72	-35.77	-13.00	-22.77	V
2508.73	-34.88	10.50	10.86	-35.24	-13.00	-22.24	V
3345.66	-31.95	12.78	11.57	-30.74	-13.00	-17.74	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
1692.40	-34.16	9.56	9.72	-34.32	-13.00	-21.32	H
2538.76	-35.24	10.50	10.86	-35.60	-13.00	-22.60	H
3385.62	-33.11	12.78	11.57	-31.90	-13.00	-18.90	H
1692.40	-35.19	9.56	9.72	-35.35	-13.00	-22.35	V
2538.76	-34.62	10.50	10.86	-34.98	-13.00	-21.98	V
3385.62	-32.78	12.78	11.57	-31.57	-13.00	-18.57	V



LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1657.66	-34.77	9.56	9.72	-34.93	-13.00	-21.93	H
2486.56	-34.24	10.50	10.86	-34.60	-13.00	-21.60	H
3315.18	-32.66	12.78	11.57	-31.45	-13.00	-18.45	H
1657.66	-35.43	9.56	9.72	-35.59	-13.00	-22.59	V
2486.56	-34.35	10.50	10.86	-34.71	-13.00	-21.71	V
3315.18	-32.81	12.78	11.57	-31.60	-13.00	-18.60	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
1672.34	-34.64	9.56	9.72	-34.80	-13.00	-21.80	H
2508.93	-34.05	10.50	10.86	-34.41	-13.00	-21.41	H
3345.41	-32.76	12.78	11.57	-31.55	-13.00	-18.55	H
1672.34	-35.18	9.56	9.72	-35.34	-13.00	-22.34	V
2508.93	-34.05	10.50	10.86	-34.41	-13.00	-21.41	V
3345.41	-33.12	12.78	11.57	-31.91	-13.00	-18.91	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
1687.61	-34.11	9.56	9.72	-34.27	-13.00	-21.27	H
2531.25	-34.23	10.50	10.86	-34.59	-13.00	-21.59	H
3375.84	-33.46	12.78	11.57	-32.25	-13.00	-19.25	H
1687.61	-35.06	9.56	9.72	-35.22	-13.00	-22.22	V
2531.25	-34.90	10.50	10.86	-35.26	-13.00	-22.26	V
3375.84	-31.83	12.78	11.57	-30.62	-13.00	-17.62	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
5005.34	-33.78	12.66	15.86	-36.98	-25.00	-11.98	H
7507.69	-34.62	11.46	19.28	-42.44	-25.00	-17.44	H
10010.16	-32.65	12.79	23.19	-43.05	-25.00	-18.05	H
5005.34	-35.77	12.66	15.86	-38.97	-25.00	-13.97	V
7507.69	-34.79	11.46	19.28	-42.61	-25.00	-17.61	V
10010.16	-32.23	12.79	23.19	-42.63	-25.00	-17.63	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
5069.69	-34.78	12.72	15.86	-37.92	-25.00	-12.92	H
7604.74	-34.85	11.46	19.28	-42.67	-25.00	-17.67	H
10139.68	-32.55	12.09	23.19	-43.65	-25.00	-18.65	H
5069.69	-35.08	12.72	15.86	-38.22	-25.00	-13.22	V
7604.74	-34.31	11.46	19.28	-42.13	-25.00	-17.13	V
10139.68	-32.27	12.09	23.19	-43.37	-25.00	-18.37	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
5133.86	-33.70	12.76	15.86	-36.80	-25.00	-11.80	H
7701.40	-35.01	11.45	19.28	-42.84	-25.00	-17.84	H
10268.03	-32.97	12.28	23.19	-43.88	-25.00	-18.88	H
5133.86	-35.78	12.76	15.86	-38.88	-25.00	-13.88	V
7701.40	-35.12	11.45	19.28	-42.95	-25.00	-17.95	V
10268.03	-32.19	12.28	23.19	-43.10	-25.00	-18.10	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
5010.10	-33.84	12.66	15.86	-37.04	-25.00	-12.04	H
7515.51	-35.14	11.46	19.28	-42.96	-25.00	-17.96	H
10020.41	-32.64	12.79	23.19	-43.04	-25.00	-18.04	H
5010.10	-34.73	12.66	15.86	-37.93	-25.00	-12.93	V
7515.51	-33.91	11.46	19.28	-41.73	-25.00	-16.73	V
10020.41	-32.46	12.79	23.19	-42.86	-25.00	-17.86	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
5070.06	-33.62	12.72	15.86	-36.76	-25.00	-11.76	H
7604.77	-35.27	11.46	19.28	-43.09	-25.00	-18.09	H
10139.88	-33.58	12.09	23.19	-44.68	-25.00	-19.68	H
5070.06	-35.43	12.72	15.86	-38.57	-25.00	-13.57	V
7604.77	-33.99	11.46	19.28	-41.81	-25.00	-16.81	V
10139.88	-33.16	12.09	23.19	-44.26	-25.00	-19.26	V
LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5129.17	-33.93	12.76	15.86	-37.03	-25.00	-12.03	H
7693.74	-33.99	11.45	19.28	-41.82	-25.00	-16.82	H
10258.61	-33.38	12.28	23.19	-44.29	-25.00	-19.29	H
5129.17	-35.58	12.76	15.86	-38.68	-25.00	-13.68	V
7693.74	-34.87	11.45	19.28	-42.70	-25.00	-17.70	V
10258.61	-33.03	12.28	23.19	-43.94	-25.00	-18.94	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
5015.57	-34.58	12.66	15.86	-37.78	-25.00	-12.78	H
7523.98	-34.29	11.46	19.28	-42.11	-25.00	-17.11	H
10031.61	-32.68	12.79	23.19	-43.08	-25.00	-18.08	H
5015.57	-34.89	12.66	15.86	-38.09	-25.00	-13.09	V
7523.98	-34.02	11.46	19.28	-41.84	-25.00	-16.84	V
10031.61	-31.74	12.79	23.19	-42.14	-25.00	-17.14	V
LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5069.88	-34.45	12.72	15.86	-37.59	-25.00	-12.59	H
7604.68	-35.39	11.46	19.28	-43.21	-25.00	-18.21	H
10139.60	-32.78	12.09	23.19	-43.88	-25.00	-18.88	H
5069.88	-34.90	12.72	15.86	-38.04	-25.00	-13.04	V
7604.68	-34.20	11.46	19.28	-42.02	-25.00	-17.02	V
10139.60	-33.05	12.09	23.19	-44.15	-25.00	-19.15	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
5123.47	-34.36	12.76	15.86	-37.46	-25.00	-12.46	H
7523.60	-34.77	11.45	19.28	-42.60	-25.00	-17.60	H
10032.05	-33.48	12.28	23.19	-44.39	-25.00	-19.39	H
5123.47	-35.36	12.76	15.86	-38.46	-25.00	-13.46	V
7523.60	-35.23	11.45	19.28	-43.06	-25.00	-18.06	V
10032.05	-32.85	12.28	23.19	-43.76	-25.00	-18.76	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
5020.90	-34.45	12.66	15.86	-37.65	-25.00	-12.65	H
7531.30	-34.71	11.46	19.28	-42.53	-25.00	-17.53	H
10258.70	-32.89	12.79	23.19	-43.29	-25.00	-18.29	H
5020.90	-35.49	12.66	15.86	-38.69	-25.00	-13.69	V
7531.30	-34.30	11.46	19.28	-42.12	-25.00	-17.12	V
10258.70	-32.36	12.79	23.19	-42.76	-25.00	-17.76	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
5069.66	-34.74	12.72	15.86	-37.88	-25.00	-12.88	H
7604.90	-34.53	11.46	19.28	-42.35	-25.00	-17.35	H
10139.78	-33.42	12.09	23.19	-44.52	-25.00	-19.52	H
5069.66	-35.49	12.72	15.86	-38.63	-25.00	-13.63	V
7604.90	-34.25	11.46	19.28	-42.07	-25.00	-17.07	V
10139.78	-32.86	12.09	23.19	-43.96	-25.00	-18.96	V
LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5118.80	-33.64	12.76	15.86	-36.74	-25.00	-11.74	H
7678.03	-34.44	11.45	19.28	-42.27	-25.00	-17.27	H
10237.58	-32.97	12.28	23.19	-43.88	-25.00	-18.88	H
5118.80	-34.70	12.76	15.86	-37.80	-25.00	-12.80	V
7678.03	-34.44	11.45	19.28	-42.27	-25.00	-17.27	V
10237.58	-32.61	12.28	23.19	-43.52	-25.00	-18.52	V



LTE Band 38 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5115.14	-34.10	12.66	15.86	-37.30	-25.00	-12.30	H
7672.47	-34.80	11.46	19.28	-42.62	-25.00	-17.62	H
10229.83	-32.40	12.79	23.19	-42.80	-25.00	-17.80	H
4996.97	-34.60	12.66	15.86	-37.80	-25.00	-12.80	V
7495.76	-34.11	11.46	19.28	-41.93	-25.00	-16.93	V
9994.30	-32.12	12.79	23.19	-42.52	-25.00	-17.52	V
LTE Band 38 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5209.80	-34.92	12.72	15.86	-38.06	-25.00	-13.06	H
7815.29	-34.39	11.46	19.28	-42.21	-25.00	-17.21	H
10420.33	-32.34	12.09	23.19	-43.44	-25.00	-18.44	H
5209.80	-35.71	12.72	15.86	-38.85	-25.00	-13.85	V
7815.29	-33.78	11.46	19.28	-41.60	-25.00	-16.60	V
10420.33	-32.29	12.09	23.19	-43.39	-25.00	-18.39	V
LTE Band 38 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5304.79	-33.45	12.76	15.86	-36.55	-25.00	-11.55	H
7957.60	-35.00	11.45	19.28	-42.83	-25.00	-17.83	H
10610.33	-32.27	12.28	23.19	-43.18	-25.00	-18.18	H
5304.79	-36.00	12.76	15.86	-39.10	-25.00	-14.10	V
7957.60	-34.14	11.45	19.28	-41.97	-25.00	-16.97	V
10610.33	-32.80	12.28	23.19	-43.71	-25.00	-18.71	V



LTE Band 38 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5119.77	-33.67	12.66	15.86	-36.87	-25.00	-11.87	H
7679.86	-34.83	11.46	19.28	-42.65	-25.00	-17.65	H
10240.07	-33.46	12.79	23.19	-43.86	-25.00	-18.86	H
5119.77	-35.63	12.66	15.86	-38.83	-25.00	-13.83	V
7679.86	-33.97	11.46	19.28	-41.79	-25.00	-16.79	V
10240.07	-31.72	12.79	23.19	-42.12	-25.00	-17.12	V
LTE Band 38 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5210.24	-33.75	12.72	15.86	-36.89	-25.00	-11.89	H
7815.30	-35.20	11.46	19.28	-43.02	-25.00	-18.02	H
10420.14	-33.48	12.09	23.19	-44.58	-25.00	-19.58	H
5210.24	-34.69	12.72	15.86	-37.83	-25.00	-12.83	V
7815.30	-34.88	11.46	19.28	-42.70	-25.00	-17.70	V
10420.14	-31.76	12.09	23.19	-42.86	-25.00	-17.86	V
LTE Band 38 / 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
5299.98	-34.86	12.76	15.86	-37.96	-25.00	-12.96	H
7950.16	-34.60	11.45	19.28	-42.43	-25.00	-17.43	H
10600.06	-33.58	12.28	23.19	-44.49	-25.00	-19.49	H
5299.98	-35.82	12.76	15.86	-38.92	-25.00	-13.92	V
7950.16	-33.87	11.45	19.28	-41.70	-25.00	-16.70	V
10600.06	-32.26	12.28	23.19	-43.17	-25.00	-18.17	V



LTE Band 38 / 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
5125.02	-33.77	12.66	15.86	-36.97	-25.00	-11.97	H
7687.59	-34.11	11.46	19.28	-41.93	-25.00	-16.93	H
10250.37	-33.40	12.79	23.19	-43.80	-25.00	-18.80	H
5125.02	-34.64	12.66	15.86	-37.84	-25.00	-12.84	V
7687.59	-35.13	11.46	19.28	-42.95	-25.00	-17.95	V
10250.37	-32.26	12.79	23.19	-42.66	-25.00	-17.66	V
LTE Band 38 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5210.00	-34.19	12.72	15.86	-37.33	-25.00	-12.33	H
7815.35	-34.38	11.46	19.28	-42.20	-25.00	-17.20	H
10419.95	-32.23	12.09	23.19	-43.33	-25.00	-18.33	H
5210.00	-34.73	12.72	15.86	-37.87	-25.00	-12.87	V
7815.35	-33.85	11.46	19.28	-41.67	-25.00	-16.67	V
10419.95	-32.24	12.09	23.19	-43.34	-25.00	-18.34	V
LTE Band 38 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5298.21	-34.27	12.76	15.86	-37.37	-25.00	-12.37	H
7942.44	-34.81	11.45	19.28	-42.64	-25.00	-17.64	H
10590.27	-33.61	12.28	23.19	-44.52	-25.00	-19.52	H
5298.21	-35.72	12.76	15.86	-38.82	-25.00	-13.82	V
7942.44	-34.57	11.45	19.28	-42.40	-25.00	-17.40	V
10590.27	-32.99	12.28	23.19	-43.90	-25.00	-18.90	V



LTE Band 38 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5130.18	-33.48	12.66	15.86	-36.68	-25.00	-11.68	H
7695.19	-35.19	11.46	19.28	-43.01	-25.00	-18.01	H
10259.85	-32.89	12.79	23.19	-43.29	-25.00	-18.29	H
5130.18	-35.89	12.66	15.86	-39.09	-25.00	-14.09	V
7695.19	-34.92	11.46	19.28	-42.74	-25.00	-17.74	V
10259.85	-32.71	12.79	23.19	-43.11	-25.00	-18.11	V
LTE Band 38 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5209.88	-33.48	12.72	15.86	-36.62	-25.00	-11.62	H
7815.17	-34.79	11.46	19.28	-42.61	-25.00	-17.61	H
10420.35	-32.78	12.09	23.19	-43.88	-25.00	-18.88	H
5209.88	-35.26	12.72	15.86	-38.40	-25.00	-13.40	V
7815.17	-34.64	11.46	19.28	-42.46	-25.00	-17.46	V
10420.35	-32.70	12.09	23.19	-43.80	-25.00	-18.80	V
LTE Band 38 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5290.07	-33.83	12.76	15.86	-36.93	-25.00	-11.93	H
7934.84	-34.17	11.45	19.28	-42.00	-25.00	-17.00	H
10580.09	-32.82	12.28	23.19	-43.73	-25.00	-18.73	H
5290.07	-34.64	12.76	15.86	-37.74	-25.00	-12.74	V
7934.84	-34.87	11.45	19.28	-42.70	-25.00	-17.70	V
10580.09	-32.97	12.28	23.19	-43.88	-25.00	-18.88	V



LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4614.81	-45.19	12.91	12.95	-45.23	-40.00	-5.23	H
6922.61	-42.24	13.18	17.02	-46.08	-40.00	-6.08	H
9230.12	-36.08	12.45	21.78	-45.41	-40.00	-5.41	H
4614.81	-44.84	12.91	12.95	-44.88	-40.00	-4.88	V
6922.61	-41.55	13.18	17.02	-45.39	-40.00	-5.39	V
9230.12	-35.99	12.45	21.78	-45.32	-40.00	-5.32	V
LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4620.01	-45.84	12.91	12.95	-45.88	-40.00	-5.88	H
6929.90	-41.75	13.18	17.02	-45.59	-40.00	-5.59	H
9240.01	-36.49	12.45	21.78	-45.82	-40.00	-5.82	H
4620.01	-44.70	12.91	12.95	-44.74	-40.00	-4.74	V
6929.90	-42.18	13.18	17.02	-46.02	-40.00	-6.02	V
9240.01	-35.68	12.45	21.78	-45.01	-40.00	-5.01	V
LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4625.04	-45.39	12.91	12.95	-45.43	-40.00	-5.43	H
6937.33	-42.14	13.18	17.02	-45.98	-40.00	-5.98	H
9250.22	-35.23	12.45	21.78	-44.56	-40.00	-4.56	H
4625.04	-44.96	12.91	12.95	-45.00	-40.00	-5.00	V
6937.33	-41.12	13.18	17.02	-44.96	-40.00	-4.96	V
9250.22	-36.33	12.45	21.78	-45.66	-40.00	-5.66	V



LTE Band 40 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4620.11	-44.92	12.91	12.95	-44.96	-40.00	-4.96	H
6930.05	-41.41	13.18	17.02	-45.25	-40.00	-5.25	H
9239.99	-36.21	12.45	21.78	-45.54	-40.00	-5.54	H
4620.11	-45.98	12.91	12.95	-46.02	-40.00	-6.02	V
6930.05	-41.27	13.18	17.02	-45.11	-40.00	-5.11	V
9239.99	-35.70	12.45	21.78	-45.03	-40.00	-5.03	V



LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4704.90	-45.93	12.91	12.95	-45.97	-40.00	-5.97	H
7057.07	-41.56	13.18	17.02	-45.40	-40.00	-5.40	H
9410.08	-35.20	12.45	21.78	-44.53	-40.00	-4.53	H
4704.90	-45.18	12.91	12.95	-45.22	-40.00	-5.22	V
7057.07	-41.38	13.18	17.02	-45.22	-40.00	-5.22	V
9410.08	-35.68	12.45	21.78	-45.01	-40.00	-5.01	V
LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4709.77	-45.56	12.91	12.95	-45.60	-40.00	-5.60	H
7064.92	-42.10	13.18	17.02	-45.94	-40.00	-5.94	H
9419.86	-36.53	12.45	21.78	-45.86	-40.00	-5.86	H
4709.77	-45.36	12.91	12.95	-45.40	-40.00	-5.40	V
7064.92	-41.63	13.18	17.02	-45.47	-40.00	-5.47	V
9419.86	-36.05	12.45	21.78	-45.38	-40.00	-5.38	V
LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4715.17	-45.24	12.91	12.95	-45.28	-40.00	-5.28	H
7072.20	-41.57	13.18	17.02	-45.41	-40.00	-5.41	H
9429.90	-36.40	12.45	21.78	-45.73	-40.00	-5.73	H
4715.17	-44.68	12.91	12.95	-44.72	-40.00	-4.72	V
7072.20	-41.10	13.18	17.02	-44.94	-40.00	-4.94	V
9429.90	-36.37	12.45	21.78	-45.70	-40.00	-5.70	V



LTE Band 40 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4710.10	-45.93	12.91	12.95	-45.97	-40.00	-5.97	H
7065.03	-41.55	13.18	17.02	-45.39	-40.00	-5.39	H
9420.27	-36.56	12.45	21.78	-45.89	-40.00	-5.89	H
4710.10	-45.41	12.91	12.95	-45.45	-40.00	-5.45	V
7065.03	-41.56	13.18	17.02	-45.40	-40.00	-5.40	V
9420.27	-36.68	12.45	21.78	-46.01	-40.00	-6.01	V



LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4997.24	-33.69	12.66	15.86	-36.89	-25.00	-11.89	H
7495.43	-34.20	11.46	19.28	-42.02	-25.00	-17.02	H
9994.19	-33.14	12.79	23.19	-43.54	-25.00	-18.54	H
4997.24	-35.44	12.66	15.86	-38.64	-25.00	-13.64	V
7495.43	-34.94	11.46	19.28	-42.76	-25.00	-17.76	V
9994.19	-31.94	12.79	23.19	-42.34	-25.00	-17.34	V
LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5185.92	-34.86	12.72	15.86	-38.00	-25.00	-13.00	H
7779.33	-34.40	11.46	19.28	-42.22	-25.00	-17.22	H
10372.12	-32.25	12.09	23.19	-43.35	-25.00	-18.35	H
5185.92	-35.26	12.72	15.86	-38.40	-25.00	-13.40	V
7779.33	-34.99	11.46	19.28	-42.81	-25.00	-17.81	V
10372.12	-32.84	12.09	23.19	-43.94	-25.00	-18.94	V
LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5374.97	-34.15	12.76	15.86	-37.25	-25.00	-12.25	H
8062.48	-34.19	11.45	19.28	-42.02	-25.00	-17.02	H
10750.28	-32.29	12.28	23.19	-43.20	-25.00	-18.20	H
5374.97	-35.62	12.76	15.86	-38.72	-25.00	-13.72	V
8062.48	-34.94	11.45	19.28	-42.77	-25.00	-17.77	V
10750.28	-33.06	12.28	23.19	-43.97	-25.00	-18.97	V



LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5001.82	-33.99	12.66	15.86	-37.19	-25.00	-12.19	H
7502.95	-35.18	11.46	19.28	-43.00	-25.00	-18.00	H
10003.86	-33.00	12.79	23.19	-43.40	-25.00	-18.40	H
5001.82	-35.62	12.66	15.86	-38.82	-25.00	-13.82	V
7502.95	-34.79	11.46	19.28	-42.61	-25.00	-17.61	V
10003.86	-33.18	12.79	23.19	-43.58	-25.00	-18.58	V
LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5186.27	-34.10	12.72	15.86	-37.24	-25.00	-12.24	H
7779.15	-34.24	11.46	19.28	-42.06	-25.00	-17.06	H
10372.20	-33.18	12.09	23.19	-44.28	-25.00	-19.28	H
5186.27	-34.53	12.72	15.86	-37.67	-25.00	-12.67	V
7779.15	-34.80	11.46	19.28	-42.62	-25.00	-17.62	V
10372.20	-32.32	12.09	23.19	-43.42	-25.00	-18.42	V
LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5370.15	-34.80	12.76	15.86	-37.90	-25.00	-12.90	H
8055.27	-35.24	11.45	19.28	-43.07	-25.00	-18.07	H
10740.07	-33.21	12.28	23.19	-44.12	-25.00	-19.12	H
5370.15	-35.02	12.76	15.86	-38.12	-25.00	-13.12	V
8055.27	-34.53	11.45	19.28	-42.36	-25.00	-17.36	V
10740.07	-32.26	12.28	23.19	-43.17	-25.00	-18.17	V



LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5007.02	-33.95	12.66	15.86	-37.15	-25.00	-12.15	H
7510.57	-34.51	11.46	19.28	-42.33	-25.00	-17.33	H
10014.37	-32.80	12.79	23.19	-43.20	-25.00	-18.20	H
5007.02	-35.76	12.66	15.86	-38.96	-25.00	-13.96	V
7510.57	-35.13	11.46	19.28	-42.95	-25.00	-17.95	V
10014.37	-32.12	12.79	23.19	-42.52	-25.00	-17.52	V
LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5186.19	-34.64	12.72	15.86	-37.78	-25.00	-12.78	H
7779.15	-34.77	11.46	19.28	-42.59	-25.00	-17.59	H
10372.19	-32.50	12.09	23.19	-43.60	-25.00	-18.60	H
5186.19	-35.93	12.72	15.86	-39.07	-25.00	-14.07	V
7779.15	-34.34	11.46	19.28	-42.16	-25.00	-17.16	V
10372.19	-32.74	12.09	23.19	-43.84	-25.00	-18.84	V
LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5364.98	-33.90	12.76	15.86	-37.00	-25.00	-12.00	H
8047.38	-35.48	11.45	19.28	-43.31	-25.00	-18.31	H
10729.84	-33.54	12.28	23.19	-44.45	-25.00	-19.45	H
5364.98	-34.85	12.76	15.86	-37.95	-25.00	-12.95	V
8047.38	-33.78	11.45	19.28	-41.61	-25.00	-16.61	V
10729.84	-32.47	12.28	23.19	-43.38	-25.00	-18.38	V



LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5012.29	-34.85	12.66	15.86	-38.05	-25.00	-13.05	H
7518.26	-34.31	11.46	19.28	-42.13	-25.00	-17.13	H
10024.13	-32.99	12.79	23.19	-43.39	-25.00	-18.39	H
5012.29	-34.60	12.66	15.86	-37.80	-25.00	-12.80	V
7518.26	-34.00	11.46	19.28	-41.82	-25.00	-16.82	V
10024.13	-32.25	12.79	23.19	-42.65	-25.00	-17.65	V
LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5186.15	-34.25	12.72	15.86	-37.39	-25.00	-12.39	H
7778.92	-34.99	11.46	19.28	-42.81	-25.00	-17.81	H
10371.90	-32.67	12.09	23.19	-43.77	-25.00	-18.77	H
5186.15	-35.34	12.72	15.86	-38.48	-25.00	-13.48	V
7778.92	-34.17	11.46	19.28	-41.99	-25.00	-16.99	V
10371.90	-32.22	12.09	23.19	-43.32	-25.00	-18.32	V
LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5360.20	-33.88	12.76	15.86	-36.98	-25.00	-11.98	H
8040.13	-35.43	11.45	19.28	-43.26	-25.00	-18.26	H
10719.89	-32.53	12.28	23.19	-43.44	-25.00	-18.44	H
5360.20	-35.91	12.76	15.86	-39.01	-25.00	-14.01	V
8040.13	-34.81	11.45	19.28	-42.64	-25.00	-17.64	V
10719.89	-32.29	12.28	23.19	-43.20	-25.00	-18.20	V



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*****