



Radio Test Report

Report No.: STS2604153W01

Issued for

XINCHUANGXIN INTERNATIONAL CO.,LTD

ROOM 605 6/F, FA YUEN COMMERCIAL BUILDING, 75-77
FA YUEN STREET MONGKOK KL, Hongkong, China

Product Name: Tablet

Brand Name: CORN

Model Name: Star Kids 4G

Series Model(s): The leader Kids 4G

FCC ID: 2ASWWKID4G

Test Standards: 47 CFR Part 2, 22H, 24E, 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: XINCHUANGXIN INTERNATIONAL CO.,LTD
Address.....: ROOM 605 6/F, FA YUEN COMMERCIAL BUILDING, 75-77 FA YUEN STREET MONGKOK KL, Hongkong, China
Manufacturer's Name: Luzhou chiteng technology and co., LTD.
Address.....: Block No. 16, The Smart Terminal industrial park of National High Tech Zone, Luzhou, China

Product Description

Product Name: Tablet
Brand Name.....: CORN
Model Name.....: Star Kids 4G
Series Model(s): The leader Kids 4G

Test Standards.....: 47 CFR Part 2, 22H, 24E, 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: 22 Apr. 2026
Date (s) of performance of tests : 22 Apr. 2026~05 May 2026
Date of Issue: 05 May 2026
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	05 May 2026	STS2604153W01	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, WCDMA B5	ERP < 7 Watt	PASS
	24.232(c)	GSM1900, WCDMA B2	EIRP < 2Watt	
	27.50(c)	WCDMA B4, B12, B17	ERP < 3 Watt	
	27.50(d)	B4	EIRP < 1Watt	
	27.50(h)	B7	EIRP < 2Watt	
Peak-to-Average Ratio	22.913(d)	GSM850, WCDMA B5	< 13 dB	PASS
	24.232(d)	GSM1900, WCDMA B2		
	27.50	WCDMA B4, B4, B7, B12, B17		
Occupied Bandwidth	2.1049	/	Reporting Only	PASS
Frequency Stability	2.1055	/	< 2.5 ppm	PASS
	22.355	GSM850, WCDMA B5		
	24.235	GSM1900, WCDMA B2		
	27.54	WCDMA B4, B4, B7, B12, B17		



Spurious Emission at Antenna Terminals	2.1051	/	< 43+10log10(P[Watts])	PASS
	22.917	GSM850, WCDMA5, B5		
	24.238(a)	GSM1900, WCDMA2, B2		
	27.53(g)	B12, B17		
	27.53(h)	WCDMA4, B4		
	27.53(m)	B7	< 55+10log10(P[Watts])	
Band Edge	2.1051	/	Please refer to standard	PASS
	22.917	GSM850, WCDMA5, B5		
	24.238(a)	GSM1900, WCDMA2, B2		
	27.53(g)	B12, B17		
	27.53(h)	WCDMA4, B4		
	27.53(m)	B7		
Field Strength of Spurious Radiation	2.1053	/	< 43+10log10(P[Watts])	PASS
	22.917	GSM850, WCDMA5, B5		
	24.238(a)	GSM1900, WCDMA2, B2		
	27.53(g)	B12, B17		
	27.53(h)	WCDMA4, B4		
	27.53(m)	B7	< 55+10log10(P[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	Tablet
Brand Name	CORN
Model Name	Star Kids 4G
Series Model(s)	The leader Kids 4G
Model Difference	The model name and camera, housing, GSM/WCDMA/LTE/BT/WiFi antenna are different
Tx Frequency:	GSM850: 824-849 MHz GSM1900: 1850-1910 MHz WCDMA B2: 1850-1910 MHz WCDMA B5: 824-849 MHz WCDMA B4: 1710-1755 MHz LTE Band 2:1850~1910MHz LTE Band 4:1710~1755MHz LTE Band 5:824~849MHz LTE Band 7: 2500-2570MHz LTE Band 12:699~716MHz LTE Band 17: 704-716 MHz
Rx Frequency:	GSM850: 869-894 MHz GSM1900: 1930-1990 MHz WCDMA B2: 1930-1990 MHz WCDMA B5: 869-894 MHz WCDMA B4: 2110-2155 MHz LTE Band 2:1930 ~1990MHz LTE Band 4:2110~2155MHz LTE Band 5:869~894MHz LTE Band 7: 2620-2690MHz LTE Band 12:729~746MHz LTE Band 17: 734-746 MHz
Modulation Characteristics:	GMSK for GSM/GPRS; GMSK and 8PSK for EDGE WCDMA: QPSK LTE: QPSK /16QAM
SIM Card:	Only support single SIM Card.
Antenna:	PIFA
Antenna gain:	GSM850: -3.7 dBi PCS1900:1.8 dBi WCDMA B2:1.8 dBi WCDMA B4:2.1 dBi WCDMA B5:-3.7 dBi LTE B2:1.8 dBi LTE B4:2 dBi LTE B5:-3.7 dBi LTE B7:2.7 dBi LTE B12:-3.9 dBi LTE B17:-3.7 dBi
GPRS/EDGE Class:	Multi-Class12
Extreme Vol. Limits:	DC 3.42V ~ DC 4.18V (Normal: DC 3.8V)
Extreme Temp. Tolerance:	-10℃~40℃
Power Rating	Input: DC 5V/2A
Adapter	Model: CS006 Brand: CORN Input: 100V-240V~,50/60Hz 0.35A



	Output: DC5V/2A
Battery	Model: 308088 Brand: N/A Rated Voltage: 3.8V Charge Limit Voltage: 4.35V Capacity: 2800mAh
Hardware version number:	S863T-T310-V1.0
Software version number:	N/A
** Note: The High Voltage DC 4.18V and Low Voltage DC 3.42V 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	/	/	/



Test channel list							
Band2	1.9GHz	Frequency(MHz)	Channel	Band4	1.7GHz	Frequency(MHz)	Channel
L	1.4M	1850.7	18607	L	1.4M	1710.7	19957
	3M	1851.5	18615		3M	1711.5	19965
	5M	1852.5	18625		5M	1712.5	19975
	10M	1855	18650		10M	1715	20000
	15M	1857.5	18675		15M	1717.5	20025
	20M	1860	18700		20M	1720	20050
M	1.4/3/5/10/15/20M	1880	18900	M	1.4/3/5/10/15/20M	1732.5	20175
H	1.4M	1909.3	19193	H	1.4M	1754.3	20393
	3M	1908.5	19185		3M	1753.5	20385
	5M	1907.5	19175		5M	1752.5	20375
	10M	1905	19150		10M	1750	20350
	15M	1902.5	19125		15M	1747.5	20325
	20M	1900	19100		20M	1745	20300
Band5	850MHz	Frequency(MHz)	Channel	Band7	2.6GHz	Frequency(MHz)	Channel
L	1.4M	824.7	20407	L	5M	2502.5	20775
	3M	825.5	20415		10M	2505	20800
	5M	826.5	20425		15M	2507.5	20825
	10M	829	20450		20M	2510	20850
M	1.4/3/5/10M	836.5	20525	M	5/10/15/20M	2535	21100
H	1.4M	848.3	20643	H	5M	2567.5	21425
	3M	847.5	20635		10M	2565	21400
	5M	846.5	20625		15M	2562.5	21375
	10M	844	20600		20M	2560	21350
Band12	700MHz	Frequency(MHz)	Channel	Band17	700MHz	Frequency(MHz)	Channel
L	1.4M	699.7	23017	L	5M	706.5	23755
	3M	700.5	23025		10M	709	23780
	5M	701.5	23035	M	5/10M	710	23790
	10M	704	23060	H	5M	713.5	23825
M	1.4/3/5/10M	707.5	23095		10M	711	23800
H	1.4M	715.3	23173				
	3M	714.5	23165				
	5M	713.5	23155				
	10M	711	23130				

EMISSION DESIGNATOR

Mode	Emission Designator (99%OBW)
GSM850	248KGXW
GPRS850	246KGXW
EGPRS850	246KG7W
GSM1900	246KGXW
GPRS1900	246KGXW
EGPRS1900	244KG7W
Mode	Emission Designator (99%OBW)
WCDMA Band2	4M16F9W
WCDMA Band4	4M16F9W
WCDMA Band5	4M16F9W

LTE Band 2	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M71G7D	2M70W7D
5	4M52G7D	4M52W7D
10	9M00G7D	9M01W7D
15	13M5G7D	13M5W7D
20	18M1G7D	18M0W7D
LTE Band 4	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M71G7D	2M72W7D
5	4M52G7D	4M55W7D
10	9M03G7D	8M99W7D
15	13M5G7D	13M5W7D
20	18M0G7D	18M0W7D
LTE Band 5	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M70G7D	2M71W7D
5	4M51G7D	4M51W7D
10	9M01G7D	9M00W7D
LTE Band 7	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M53G7D	4M52W7D
10	9M02G7D	9M02W7D
15	13M5G7D	13M5W7D
20	18M0G7D	18M0W7D
LTE Band 12	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M71G7D	2M70W7D
5	4M52G7D	4M53W7D
10	9M00G7D	9M01W7D
LTE Band 17	Emission Designator	Emission Designator
BW(MHz)	(99%OBW)QPSK	(99%OBW)16QAM
5	4M52G7D	4M52W7D
10	9M00G7D	9M00W7D



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	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v			v	v	v	v	v	v	v	v
	7			v	v	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v			v	v	v	v	v	v	v	v
	17			v	v			v	v	v	v	v	v	v	v
Peak&Avera Ratio	2	v	v	v	v	v	v	v	v	v			v	v	v
	4	v	v	v	v	v	v	v	v	v			v	v	v
	5	v	v	v	v			v	v	v			v	v	v
	7			v	v	v	v	v	v	v			v	v	v
	12	v	v	v	v			v	v	v			v	v	v
	17			v	v			v	v	v			v	v	v
26dB&99% Bandwidth	2	v	v	v	v	v	v	v	v			v	v	v	v
	4	v	v	v	v	v	v	v	v			v	v	v	v
	5	v	v	v	v			v	v			v	v	v	v
	7			v	v	v	v	v	v			v	v	v	v
	12	v	v	v	v			v	v			v	v	v	v
	17			v	v			v	v			v	v	v	v
Conducted Band Edge	2	v	v	v	v	v	v	v	v			v	v		v
	4	v	v	v	v	v	v	v	v			v	v		v
	5	v	v	v	v			v	v			v	v		v
	7			v	v	v	v	v	v			v	v		v
	12	v	v	v	v			v	v			v	v		v
	17			v	v			v	v			v	v		v
Conducted Spurious Emission	2	v	v	v	v	v	v	v	v	v		v	v	v	v
	4	v	v	v	v	v	v	v	v	v		v	v	v	v
	5	v	v	v	v			v	v	v		v	v	v	v
	7			v	v	v	v	v	v	v		v	v	v	v
	12	v	v	v	v			v	v	v		v	v	v	v
Frequency Stability	2				v			v				v		v	
	4				v			v				v		v	
	5				v			v				v		v	
	7				v			v				v		v	
	12				v			v				v		v	
	17				v			v				v		v	
E.R.P.& E.I.R.P.	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v			v	v	v	v	v	v	v	v
	7			v	v	v	v	v	v	v	v	v	v	v	v



	12	v	v	v	v			v	v	v	v	v	v	v	v
	17			v	v			v	v	v	v	v	v	v	v
Radiated Spurious Emission	2	v	v	v	v	v	v	v		v			v	v	v
	4	v	v	v	v	v	v	v		v			v	v	v
	5	v	v	v	v			v		v			v	v	v
	7			v	v	v	v	v		v			v	v	v
	12	v	v	v	v			v		v			v	v	v
	17			v	v			v		v			v	v	v

**4 MEASUREMENT INSTRUMENTS**

RF Radiation Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	TP502V4-P	Toprie	N/A	2025.10.09	2026.10.08
Wireless Communications Test Set	R&S	CMW 500	117239	2025.09.26	2026.09.25
Signal Generator	Agilent	83752A	3610A02740	2026.02.04	2027.02.03
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2026.02.05	2027.02.04
Pre-Amplifier (1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2025.09.25	2026.09.24
Pre-Amplifier(18G-40GHz)	SKET	LNPA 1840-50	SK2018101801	2026.03.04	2027.03.03
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	45873	2025.09.21	2026.09.20
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1314	2025.09.27	2027.09.26
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	TP502V4-P	Toprie	N/A	2025.10.09	2026.10.08
Wireless Communications Test Set	R&S	CMW 500	131428	2026.02.04	2027.02.03
Signal Analyzer	Agilent	N9020A	MY52440124	2026.02.04	2027.02.03
RF Automatic Test System	Maiwei	MW200-SFCB	N/A	N/A	N/A
Temperature & Humidity Test Chamber	Safety test	AG80L	171200018	2026.02.04	2027.02.03
Programmable Power Supply	Agilent	E3642A	MY40002025	2025.09.26	2026.09.25
POWER DIVIDER	eastsheep	PD-0.5/0.6-2S	N/A	2026.02.24	2027.02.23
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:

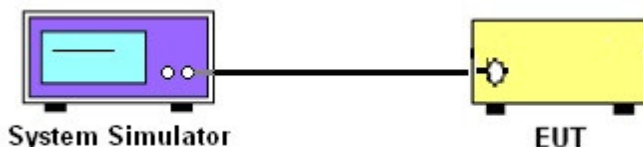
a) $\text{ERP} = \text{EIRP} - 2.15$, where ERP and EIRP are expressed in consistent units.

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

Note: The test data please reference to attachment “STS2604153W01_Appendix GSM”, “STS2604153W01_Appendix WCDMA” and “STS2604153W01_Appendix LTE”.

5.2 PEAK TO AVERAGE RATIO

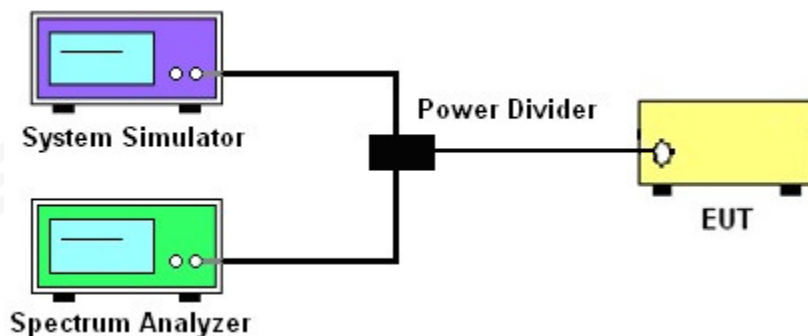
TEST OVERVIEW

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 “STS2604153W01_Appendix GSM” , “STS2604153W01_Appendix WCDMA” and “STS2604153W01_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.

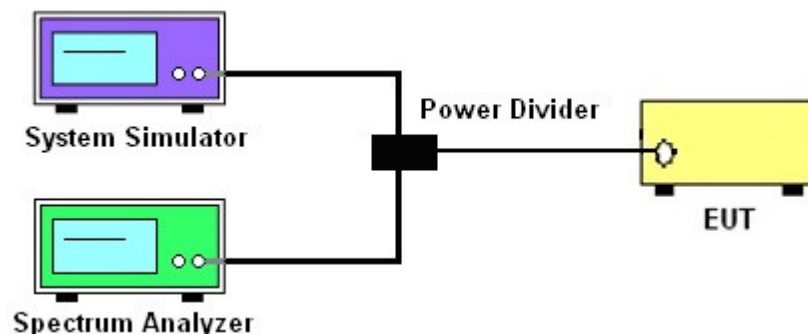
The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) 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 "STS2604153W01_Appendix GSM", "STS2604153W01_Appendix WCDMA" and "STS2604153W01_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

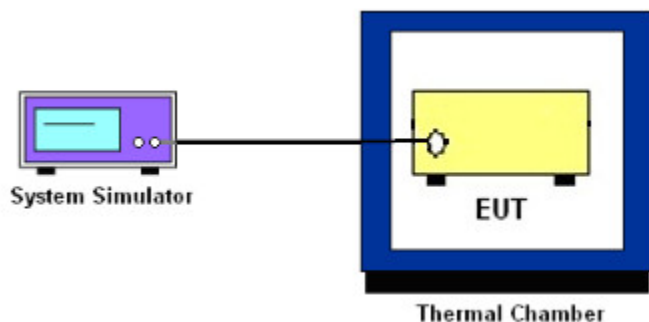
Temperature Variation

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

UMTS Band 2 /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.79	0.007	Within Authorized Band	PASS
40		31.11	0.017		
30		32.33	0.017		
20		30.10	0.016		
10		12.47	0.007		
0		21.59	0.011		
-10		13.39	0.007		
-20		27.83	0.015		
-30		32.32	0.017		
20	Maximum Voltage	34.40	0.018		
20	BEP	25.03	0.013		

UMTS Band 4 /1740MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	24.23	0.013	Within Authorized Band	PASS
40		19.00	0.010		
30		11.86	0.006		
20		32.15	0.017		
10		25.59	0.014		
0		32.04	0.017		
-10		32.40	0.017		
-20		35.09	0.019		
-30		17.59	0.009		
20	Maximum Voltage	17.21	0.009		
20	BEP	30.38	0.016		

UMTS Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	32.91	0.039	2.5ppm	PASS
40		34.22	0.041		
30		31.45	0.038		
20		16.07	0.019		
10		19.35	0.023		
0		23.33	0.028		
-10		17.16	0.021		
-20		29.47	0.035		
-30		26.56	0.032		
20	Maximum Voltage	16.69	0.020		
20	BEP	32.49	0.039		



GSM 850 /836.6MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.51	0.016	2.5ppm	PASS
40		31.25	0.037		
30		12.08	0.014		
20		16.08	0.019		
10		16.47	0.020		
0		31.67	0.038		
-10		23.16	0.028		
-20		13.59	0.016		
-30		18.94	0.023		
20	Maximum Voltage	25.01	0.030		
20	BEP	27.50	0.033		

GPRS 850 /836.6MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.09	0.017	2.5ppm	PASS
40		19.45	0.023		
30		22.16	0.026		
20		23.93	0.029		
10		23.25	0.028		
0		33.13	0.040		
-10		13.32	0.016		
-20		16.49	0.020		
-30		36.29	0.043		
20	Maximum Voltage	26.36	0.032		
20	BEP	26.92	0.032		

EGPRS 850 /836.6MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.30	0.023	2.5ppm	PASS
40		13.59	0.016		
30		22.73	0.027		
20		16.03	0.019		
10		30.38	0.036		
0		19.74	0.024		
-10		24.34	0.029		
-20		23.10	0.028		
-30		29.71	0.036		
20	Maximum Voltage	20.72	0.025		
20	BEP	29.50	0.035		

GSM 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	21.75	0.012	Within Authorized Band	PASS
40		28.70	0.015		
30		14.27	0.008		
20		11.72	0.006		
10		29.37	0.016		



0		13.24	0.007		
-10		21.50	0.011		
-20		27.89	0.015		
-30		16.13	0.009		
20	Maximum Voltage	18.57	0.010		
20	BEP	32.74	0.017		

GPRS 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	15.37	0.008	Within Authorized Band	PASS
40		22.45	0.012		
30		19.22	0.010		
20		28.08	0.015		
10		25.63	0.014		
0		24.63	0.013		
-10		25.27	0.013		
-20		17.35	0.009		
-30		19.83	0.011		
20	Maximum Voltage	17.19	0.009		
20	BEP	19.92	0.011		

EGPRS 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	32.10	0.017	Within Authorized Band	PASS
40		27.94	0.015		
30		34.97	0.019		
20		16.45	0.009		
10		34.46	0.018		
0		35.93	0.019		
-10		16.21	0.009		
-20		17.02	0.009		
-30		35.82	0.019		
20	Maximum Voltage	33.87	0.018		
20	BEP	24.53	0.013		



LTE Band 2 (QPSK) / 1880MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	36.37	0.019	2.5ppm	PASS
40		26.83	0.014		
30		19.80	0.011		
20		36.18	0.019		
10		15.06	0.008		
0		13.41	0.007		
-10		31.82	0.017		
-20		35.96	0.019		
-30		22.15	0.012		
20	Maximum Voltage	30.88	0.016		
20	BEP	13.65	0.007		

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	18.42	0.010	2.5ppm	PASS
40		21.88	0.012		
30		32.18	0.017		
20		28.50	0.015		
10		15.17	0.008		
0		34.78	0.019		
-10		26.07	0.014		
-20		26.89	0.014		
-30		14.46	0.008		
20	Maximum Voltage	29.43	0.016		
20	BEP	12.60	0.007		

LTE Band 4 (QPSK) / 1733MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.23	0.012	2.5ppm	PASS
40		24.69	0.014		
30		16.27	0.009		
20		34.10	0.020		
10		20.00	0.012		
0		13.71	0.008		
-10		17.88	0.010		
-20		25.65	0.015		
-30		24.12	0.014		
20	Maximum Voltage	32.88	0.019		
20	BEP	13.57	0.008		



LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	24.19	0.014	2.5ppm	PASS
40		14.58	0.008		
30		33.81	0.020		
20		19.30	0.011		
10		34.48	0.020		
0		27.59	0.016		
-10		13.71	0.008		
-20		20.60	0.012		
-30		28.14	0.016		
20	Maximum Voltage	31.77	0.018		
20	BEP	19.68	0.011		

LTE Band 5 (QPSK) / 836.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.02	0.036	2.5ppm	PASS
40		23.27	0.028		
30		12.98	0.016		
20		26.70	0.032		
10		24.38	0.029		
0		12.35	0.015		
-10		26.65	0.032		
-20		31.62	0.038		
-30		20.67	0.025		
20	Maximum Voltage	18.54	0.022		
20	BEP	25.21	0.030		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.96	0.015	2.5ppm	PASS
40		30.13	0.036		
30		11.79	0.014		
20		15.17	0.018		
10		25.83	0.031		
0		21.38	0.026		
-10		18.31	0.022		
-20		21.55	0.026		
-30		29.80	0.036		
20	Maximum Voltage	19.26	0.023		
20	BEP	28.39	0.034		



LTE Band 7 (QPSK) / 2535MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	22.26	0.009	2.5ppm	PASS
40		21.62	0.009		
30		12.20	0.005		
20		34.95	0.014		
10		28.02	0.011		
0		24.88	0.010		
-10		26.02	0.010		
-20		12.39	0.005		
-30		19.65	0.008		
20	Maximum Voltage	23.96	0.009		
20	BEP	17.38	0.007		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	34.50	0.014	2.5ppm	PASS
40		27.36	0.011		
30		16.53	0.007		
20		17.51	0.007		
10		35.44	0.014		
0		15.62	0.006		
-10		16.65	0.007		
-20		15.74	0.006		
-30		28.92	0.011		
20	Maximum Voltage	26.61	0.010		
20	BEP	25.54	0.010		

LTE Band 12 (QPSK) / 707.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	21.00	0.030	2.5ppm	PASS
40		17.03	0.024		
30		32.56	0.046		
20		35.91	0.051		
10		35.05	0.050		
0		12.00	0.017		
-10		18.08	0.026		
-20		35.96	0.051		
-30		12.69	0.018		
20	Maximum Voltage	15.80	0.022		
20	BEP	25.19	0.036		



LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	26.76	0.038	2.5ppm	PASS
40		27.60	0.039		
30		29.57	0.042		
20		12.54	0.018		
10		12.94	0.018		
0		32.59	0.046		
-10		31.77	0.045		
-20		26.36	0.037		
-30		18.44	0.026		
20	Maximum Voltage	27.27	0.039		
20	BEP	20.75	0.029		

LTE Band 17 (QPSK) / 710MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	29.84	0.042	2.5ppm	PASS
40		21.67	0.031		
30		18.60	0.026		
20		23.01	0.032		
10		15.17	0.021		
0		19.83	0.028		
-10		19.68	0.028		
-20		18.27	0.026		
-30		18.51	0.026		
20	Maximum Voltage	14.61	0.021		
20	BEP	19.61	0.028		

LTE Band 17 (QPSK) / 710MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.57	0.019	2.5ppm	PASS
40		21.40	0.030		
30		18.30	0.026		
20		21.51	0.030		
10		29.50	0.042		
0		27.12	0.038		
-10		19.11	0.027		
-20		26.88	0.038		
-30		13.46	0.019		
20	Maximum Voltage	12.49	0.018		
20	BEP	12.46	0.018		

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:

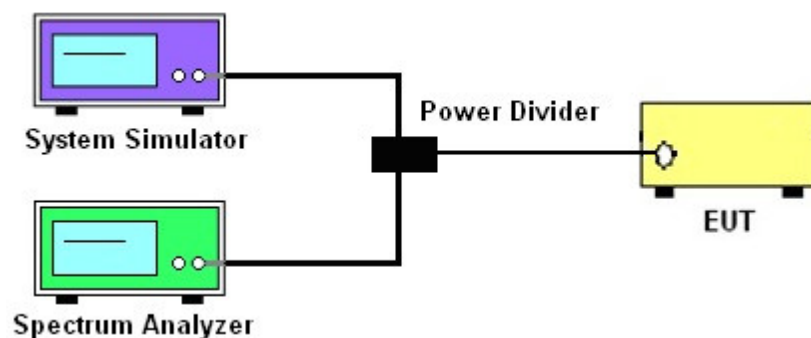
The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

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 “STS2604153W01_Appendix GSM”, “STS2604153W01_Appendix WCDMA” and “STS2604153W01_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)

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

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

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

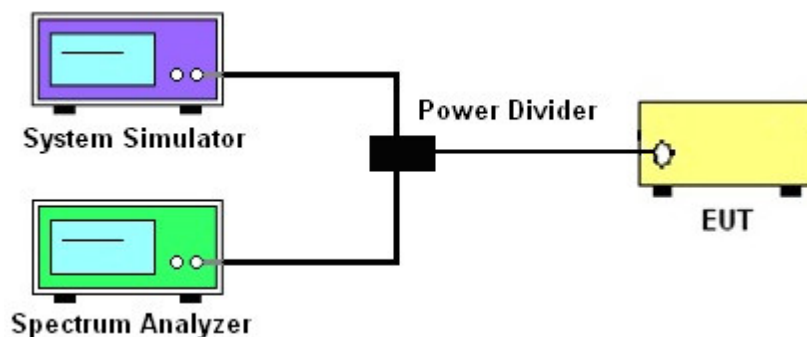
Band 7:

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

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

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

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment “STS2604153W01_Appendix GSM”, “STS2604153W01_Appendix WCDMA” and “STS2604153W01_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.

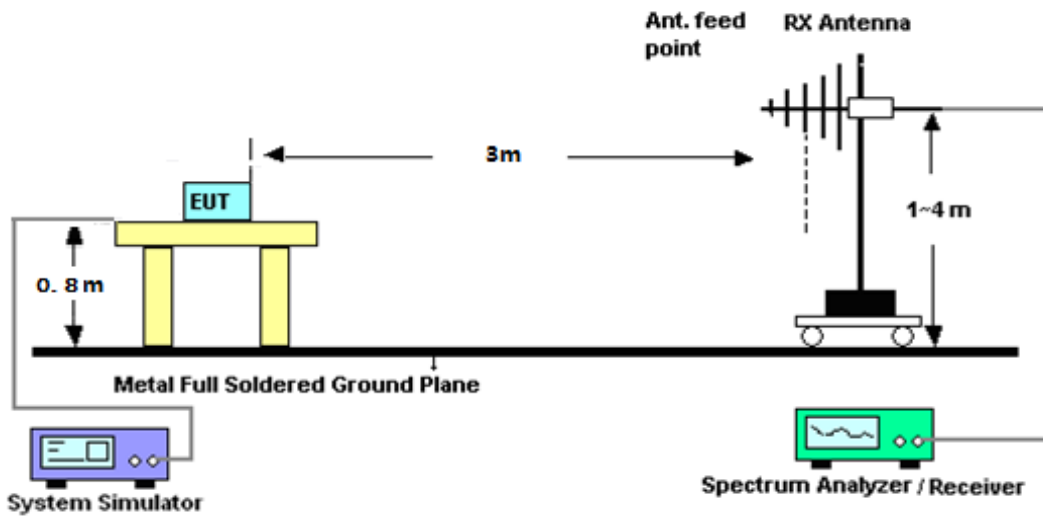
It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

TEST PROCEDURE

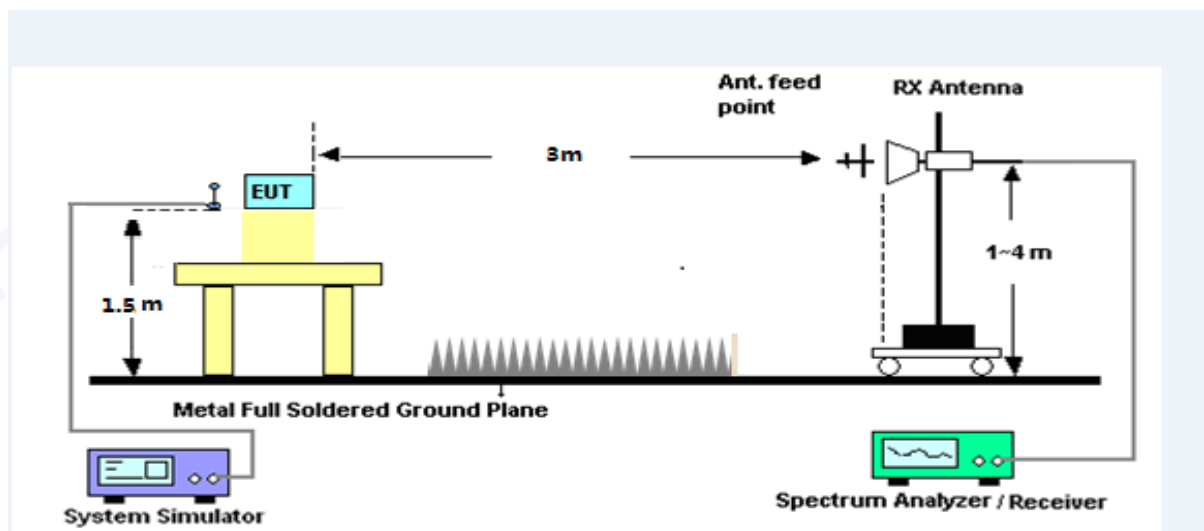
1. The testing FCC KDB 971168 D01 Section 5.8 and ANSI C63.26-2015-Section 5.5.
2. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
3. VBW $\geq 3 \times$ RBW
4. Span = 1.5 times the OBW
5. No. of sweep points $> 2 \times$ span/RBW
6. Detector = Peak
7. Trace mode = max hold
8. 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.

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
3704.02	-33.78	12.60	12.93	-34.11	-13.00	-21.11	H
5557.36	-35.16	13.10	17.11	-39.17	-13.00	-26.17	H
7409.84	-32.69	11.50	22.20	-43.39	-13.00	-30.39	H
3704.02	-34.55	12.60	12.93	-34.88	-13.00	-21.88	V
5557.36	-33.92	13.10	17.11	-37.93	-13.00	-24.93	V
7409.84	-32.82	11.50	22.20	-43.52	-13.00	-30.52	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
3760.15	-33.54	12.60	12.93	-33.87	-13.00	-20.87	H
5640.12	-34.68	13.10	17.11	-38.69	-13.00	-25.69	H
7519.91	-33.50	11.50	22.20	-44.20	-13.00	-31.20	H
3760.15	-34.95	12.60	12.93	-35.28	-13.00	-22.28	V
5640.12	-34.54	13.10	17.11	-38.55	-13.00	-25.55	V
7519.91	-31.83	11.50	22.20	-42.53	-13.00	-29.53	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
3815.29	-34.40	12.60	12.93	-34.73	-13.00	-21.73	H
5722.81	-35.22	13.10	17.11	-39.23	-13.00	-26.23	H
7630.40	-33.60	11.50	22.20	-44.30	-13.00	-31.30	H
3815.29	-34.52	12.60	12.93	-34.85	-13.00	-21.85	V
5722.81	-34.52	13.10	17.11	-38.53	-13.00	-25.53	V
7630.40	-32.09	11.50	22.20	-42.79	-13.00	-29.79	V



WCDMA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1312/1712.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.95	-34.19	12.90	12.05	-33.34	-13.00	-20.34	H
5137.45	-35.10	12.80	16.27	-38.57	-13.00	-25.57	H
6849.50	-32.70	12.30	20.13	-40.53	-13.00	-27.53	H
3424.95	-35.37	12.90	12.05	-34.52	-13.00	-21.52	V
5137.45	-34.19	12.80	16.27	-37.66	-13.00	-24.66	V
6849.50	-31.79	12.30	20.13	-39.62	-13.00	-26.62	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.83	-34.61	12.90	12.05	-33.76	-13.00	-20.76	H
5219.75	-35.15	12.80	16.27	-38.62	-13.00	-25.62	H
6960.17	-32.31	12.30	20.13	-40.14	-13.00	-27.14	H
3479.83	-35.93	12.90	12.05	-35.08	-13.00	-22.08	V
5219.75	-34.32	12.80	16.27	-37.79	-13.00	-24.79	V
6960.17	-31.91	12.30	20.13	-39.74	-13.00	-26.74	V
The Worst Test Results for Channel 1513/1752.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.34	-34.80	12.90	12.05	-33.95	-13.00	-20.95	H
5257.63	-34.02	12.80	16.27	-37.49	-13.00	-24.49	H
7010.51	-33.46	12.30	20.13	-41.29	-13.00	-28.29	H
3505.34	-35.37	12.90	12.05	-34.52	-13.00	-21.52	V
5257.63	-33.88	12.80	16.27	-37.35	-13.00	-24.35	V
7010.51	-33.01	12.30	20.13	-40.84	-13.00	-27.84	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
1652.95	-41.07	9.40	4.75	-36.42	-13.00	-23.42	H
2479.21	-40.04	10.60	8.39	-37.83	-13.00	-24.83	H
3305.75	-31.47	12.00	11.79	-31.26	-13.00	-18.26	H
1652.95	-44.50	9.40	4.75	-39.85	-13.00	-26.85	V
2479.21	-44.75	10.60	8.39	-42.54	-13.00	-29.54	V
3305.75	-42.97	12.00	11.79	-42.76	-13.00	-29.76	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
1672.60	-40.74	9.40	4.75	-36.09	-13.00	-23.09	H
2509.13	-39.72	10.60	8.39	-37.51	-13.00	-24.51	H
3345.87	-32.31	12.00	11.79	-32.10	-13.00	-19.10	H
1672.60	-43.61	9.40	4.75	-38.96	-13.00	-25.96	V
2509.13	-44.98	10.60	8.39	-42.77	-13.00	-29.77	V
3345.87	-42.75	12.00	11.79	-42.54	-13.00	-29.54	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
1693.46	-40.37	9.40	4.75	-35.72	-13.00	-22.72	H
2539.75	-39.31	10.60	8.39	-37.10	-13.00	-24.10	H
3386.30	-31.65	12.00	11.79	-31.44	-13.00	-18.44	H
1693.46	-43.28	9.40	4.75	-38.63	-13.00	-25.63	V
2539.75	-44.67	10.60	8.39	-42.46	-13.00	-29.46	V
3386.30	-42.78	12.00	11.79	-42.57	-13.00	-29.57	V



GSM 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
1648.06	-40.94	9.40	4.75	-36.29	-13.00	-23.29	H
2472.37	-40.11	10.60	8.39	-37.90	-13.00	-24.90	H
3296.50	-30.97	12.00	11.79	-30.76	-13.00	-17.76	H
1648.06	-44.51	9.40	4.75	-39.86	-13.00	-26.86	V
2472.37	-45.31	10.60	8.39	-43.10	-13.00	-30.10	V
3296.50	-42.84	12.00	11.79	-42.63	-13.00	-29.63	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
1672.87	-41.00	9.50	4.76	-36.26	-13.00	-23.26	H
2509.79	-39.68	10.70	8.40	-37.38	-13.00	-24.38	H
3345.99	-32.26	12.20	11.80	-31.86	-13.00	-18.86	H
1672.87	-44.43	9.40	4.75	-39.78	-13.00	-26.78	V
2509.79	-45.34	10.60	8.39	-43.13	-13.00	-30.13	V
3345.99	-43.04	12.20	11.82	-42.66	-13.00	-29.66	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
1697.27	-40.91	9.60	4.77	-36.08	-13.00	-23.08	H
2546.35	-39.95	10.80	8.50	-37.65	-13.00	-24.65	H
3394.92	-31.93	12.50	11.90	-31.33	-13.00	-18.33	H
1697.27	-43.52	9.60	4.77	-38.69	-13.00	-25.69	V
2546.35	-44.15	10.80	8.50	-41.85	-13.00	-28.85	V
3394.92	-43.27	12.50	11.90	-42.67	-13.00	-29.67	V



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
1648.38	-40.27	9.40	4.75	-35.62	-13.00	-22.62	H
2472.50	-40.45	10.60	8.39	-38.24	-13.00	-25.24	H
3296.89	-30.94	12.00	11.79	-30.73	-13.00	-17.73	H
1648.38	-43.35	9.40	4.75	-38.70	-13.00	-25.70	V
2472.50	-44.11	10.60	8.39	-41.90	-13.00	-28.90	V
3296.89	-43.95	12.00	11.79	-43.74	-13.00	-30.74	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
1673.02	-40.45	9.50	4.76	-35.71	-13.00	-22.71	H
2509.64	-40.44	10.70	8.40	-38.14	-13.00	-25.14	H
3345.99	-31.68	12.20	11.80	-31.28	-13.00	-18.28	H
1673.02	-43.99	9.40	4.75	-39.34	-13.00	-26.34	V
2509.64	-44.92	10.60	8.39	-42.71	-13.00	-29.71	V
3345.99	-42.91	12.20	11.82	-42.53	-13.00	-29.53	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
1697.33	-40.90	9.60	4.77	-36.07	-13.00	-23.07	H
2546.07	-40.20	10.80	8.50	-37.90	-13.00	-24.90	H
3395.18	-31.77	12.50	11.90	-31.17	-13.00	-18.17	H
1697.33	-43.89	9.60	4.77	-39.06	-13.00	-26.06	V
2546.07	-45.33	10.80	8.50	-43.03	-13.00	-30.03	V
3395.18	-43.16	12.50	11.90	-42.56	-13.00	-29.56	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
1648.29	-41.62	9.40	4.75	-36.97	-13.00	-23.97	H
2472.39	-40.52	10.60	8.39	-38.31	-13.00	-25.31	H
3296.57	-32.08	12.00	11.79	-31.87	-13.00	-18.87	H
1648.29	-44.61	9.40	4.75	-39.96	-13.00	-26.96	V
2472.39	-44.79	10.60	8.39	-42.58	-13.00	-29.58	V
3296.57	-43.07	12.00	11.79	-42.86	-13.00	-29.86	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
1672.80	-41.02	9.50	4.76	-36.28	-13.00	-23.28	H
2509.79	-40.26	10.70	8.40	-37.96	-13.00	-24.96	H
3346.26	-31.73	12.20	11.80	-31.33	-13.00	-18.33	H
1672.80	-43.68	9.40	4.75	-39.03	-13.00	-26.03	V
2509.79	-44.46	10.60	8.39	-42.25	-13.00	-29.25	V
3346.26	-43.66	12.20	11.82	-43.28	-13.00	-30.28	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
1697.42	-40.34	9.60	4.77	-35.51	-13.00	-22.51	H
2546.55	-39.26	10.80	8.50	-36.96	-13.00	-23.96	H
3395.00	-31.50	12.50	11.90	-30.90	-13.00	-17.90	H
1697.42	-43.70	9.60	4.77	-38.87	-13.00	-25.87	V
2546.55	-44.81	10.80	8.50	-42.51	-13.00	-29.51	V
3395.00	-42.51	12.50	11.90	-41.91	-13.00	-28.91	V



PCS 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
3700.46	-34.05	12.60	12.93	-34.38	-13.00	-21.38	H
5550.34	-34.54	13.10	17.11	-38.55	-13.00	-25.55	H
7400.52	-32.61	11.50	22.20	-43.31	-13.00	-30.31	H
3700.46	-34.65	12.60	12.93	-34.98	-13.00	-21.98	V
5550.34	-35.15	13.10	17.11	-39.16	-13.00	-26.16	V
7400.52	-32.04	11.50	22.20	-42.74	-13.00	-29.74	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
3759.98	-34.21	12.60	12.93	-34.54	-13.00	-21.54	H
5640.23	-34.29	13.10	17.11	-38.30	-13.00	-25.30	H
7520.21	-33.23	11.50	22.20	-43.93	-13.00	-30.93	H
3759.98	-35.35	12.60	12.93	-35.68	-13.00	-22.68	V
5640.23	-34.91	13.10	17.11	-38.92	-13.00	-25.92	V
7520.21	-31.81	11.50	22.20	-42.51	-13.00	-29.51	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
3819.49	-34.10	12.60	12.93	-34.43	-13.00	-21.43	H
5729.49	-35.25	13.10	17.11	-39.26	-13.00	-26.26	H
7639.28	-33.52	11.50	22.20	-44.22	-13.00	-31.22	H
3819.49	-35.31	12.60	12.93	-35.64	-13.00	-22.64	V
5729.49	-34.84	13.10	17.11	-38.85	-13.00	-25.85	V
7639.28	-32.66	11.50	22.20	-43.36	-13.00	-30.36	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
3700.12	-33.85	12.60	12.93	-34.18	-13.00	-21.18	H
5550.67	-34.35	13.10	17.11	-38.36	-13.00	-25.36	H
7400.93	-32.62	11.50	22.20	-43.32	-13.00	-30.32	H
3700.12	-34.54	12.60	12.93	-34.87	-13.00	-21.87	V
5550.67	-34.56	13.10	17.11	-38.57	-13.00	-25.57	V
7400.93	-32.05	11.50	22.20	-42.75	-13.00	-29.75	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
3760.14	-34.62	12.60	12.93	-34.95	-13.00	-21.95	H
5639.82	-34.61	13.10	17.11	-38.62	-13.00	-25.62	H
7520.12	-32.63	11.50	22.20	-43.33	-13.00	-30.33	H
3760.14	-34.89	12.60	12.93	-35.22	-13.00	-22.22	V
5639.82	-34.46	13.10	17.11	-38.47	-13.00	-25.47	V
7520.12	-32.33	11.50	22.20	-43.03	-13.00	-30.03	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
3819.29	-34.87	12.60	12.93	-35.20	-13.00	-22.20	H
5729.03	-34.40	13.10	17.11	-38.41	-13.00	-25.41	H
7639.24	-32.75	11.50	22.20	-43.45	-13.00	-30.45	H
3819.29	-34.56	12.60	12.93	-34.89	-13.00	-21.89	V
5729.03	-34.05	13.10	17.11	-38.06	-13.00	-25.06	V
7639.24	-32.83	11.50	22.20	-43.53	-13.00	-30.53	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
3700.05	-34.77	12.60	12.93	-35.10	-13.00	-22.10	H
5550.24	-35.18	13.10	17.11	-39.19	-13.00	-26.19	H
7400.93	-33.11	11.50	22.20	-43.81	-13.00	-30.81	H
3700.05	-35.90	12.60	12.93	-36.23	-13.00	-23.23	V
5550.24	-34.83	13.10	17.11	-38.84	-13.00	-25.84	V
7400.93	-32.76	11.50	22.20	-43.46	-13.00	-30.46	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
3759.83	-33.65	12.60	12.93	-33.98	-13.00	-20.98	H
5639.95	-34.18	13.10	17.11	-38.19	-13.00	-25.19	H
7520.08	-32.37	11.50	22.20	-43.07	-13.00	-30.07	H
3759.83	-35.32	12.60	12.93	-35.65	-13.00	-22.65	V
5639.95	-34.51	13.10	17.11	-38.52	-13.00	-25.52	V
7520.08	-31.93	11.50	22.20	-42.63	-13.00	-29.63	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
3819.65	-34.64	12.60	12.93	-34.97	-13.00	-21.97	H
5729.34	-34.39	13.10	17.11	-38.40	-13.00	-25.40	H
7639.21	-32.76	11.50	22.20	-43.46	-13.00	-30.46	H
3819.65	-35.78	12.60	12.93	-36.11	-13.00	-23.11	V
5729.34	-33.98	13.10	17.11	-37.99	-13.00	-24.99	V
7639.21	-33.06	11.50	22.20	-43.76	-13.00	-30.76	V



LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3701.11	-34.60	12.60	12.93	-34.93	-13.00	-21.93	H
5551.84	-34.84	13.10	17.11	-38.85	-13.00	-25.85	H
7402.50	-33.09	11.50	22.20	-43.79	-13.00	-30.79	H
3701.11	-35.98	12.60	12.93	-36.31	-13.00	-23.31	V
5551.84	-33.75	13.10	17.11	-37.76	-13.00	-24.76	V
7402.50	-31.77	11.50	22.20	-42.47	-13.00	-29.47	V
LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.85	-33.76	12.60	12.93	-34.09	-13.00	-21.09	H
5639.81	-35.17	13.10	17.11	-39.18	-13.00	-26.18	H
7519.86	-33.65	11.50	22.20	-44.35	-13.00	-31.35	H
3759.85	-35.90	12.60	12.93	-36.23	-13.00	-23.23	V
5639.81	-35.01	13.10	17.11	-39.02	-13.00	-26.02	V
7519.86	-32.36	11.50	22.20	-43.06	-13.00	-30.06	V
LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3818.21	-33.65	12.60	12.93	-33.98	-13.00	-20.98	H
5727.59	-35.41	13.10	17.11	-39.42	-13.00	-26.42	H
7636.99	-33.50	11.50	22.20	-44.20	-13.00	-31.20	H
3818.21	-35.08	12.60	12.93	-35.41	-13.00	-22.41	V
5727.59	-34.81	13.10	17.11	-38.82	-13.00	-25.82	V
7636.99	-32.85	11.50	22.20	-43.55	-13.00	-30.55	V



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3703.21	-33.90	12.60	12.93	-34.23	-13.00	-21.23	H
5554.26	-34.34	13.10	17.11	-38.35	-13.00	-25.35	H
7405.94	-33.57	11.50	22.20	-44.27	-13.00	-31.27	H
3703.21	-35.38	12.60	12.93	-35.71	-13.00	-22.71	V
5554.26	-33.98	13.10	17.11	-37.99	-13.00	-24.99	V
7405.94	-32.30	11.50	22.20	-43.00	-13.00	-30.00	V
LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.20	-34.92	12.60	12.93	-35.25	-13.00	-22.25	H
5640.22	-35.46	13.10	17.11	-39.47	-13.00	-26.47	H
7519.89	-33.41	11.50	22.20	-44.11	-13.00	-31.11	H
3760.20	-35.67	12.60	12.93	-36.00	-13.00	-23.00	V
5640.22	-34.06	13.10	17.11	-38.07	-13.00	-25.07	V
7519.89	-33.11	11.50	22.20	-43.81	-13.00	-30.81	V
LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3817.16	-33.55	12.60	12.93	-33.88	-13.00	-20.88	H
5725.45	-34.08	13.10	17.11	-38.09	-13.00	-25.09	H
7633.83	-33.43	11.50	22.20	-44.13	-13.00	-31.13	H
3817.16	-35.61	12.60	12.93	-35.94	-13.00	-22.94	V
5725.45	-34.29	13.10	17.11	-38.30	-13.00	-25.30	V
7633.83	-32.44	11.50	22.20	-43.14	-13.00	-30.14	V



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3705.25	-33.91	12.60	12.93	-34.24	-13.00	-21.24	H
5557.40	-34.35	13.10	17.11	-38.36	-13.00	-25.36	H
7410.16	-33.54	11.50	22.20	-44.24	-13.00	-31.24	H
3705.25	-35.22	12.60	12.93	-35.55	-13.00	-22.55	V
5557.40	-34.15	13.10	17.11	-38.16	-13.00	-25.16	V
7410.16	-32.32	11.50	22.20	-43.02	-13.00	-30.02	V
LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.26	-34.56	12.60	12.93	-34.89	-13.00	-21.89	H
5640.28	-34.39	13.10	17.11	-38.40	-13.00	-25.40	H
7520.08	-33.51	11.50	22.20	-44.21	-13.00	-31.21	H
3760.26	-35.87	12.60	12.93	-36.20	-13.00	-23.20	V
5640.28	-35.13	13.10	17.11	-39.14	-13.00	-26.14	V
7520.08	-32.42	11.50	22.20	-43.12	-13.00	-30.12	V
LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.08	-33.99	12.60	12.93	-34.32	-13.00	-21.32	H
5722.46	-34.49	13.10	17.11	-38.50	-13.00	-25.50	H
7629.83	-33.59	11.50	22.20	-44.29	-13.00	-31.29	H
3815.08	-35.23	12.60	12.93	-35.56	-13.00	-22.56	V
5722.46	-34.27	13.10	17.11	-38.28	-13.00	-25.28	V
7629.83	-32.97	11.50	22.20	-43.67	-13.00	-30.67	V



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3710.10	-34.66	12.60	12.93	-34.99	-13.00	-21.99	H
5565.18	-35.39	13.10	17.11	-39.40	-13.00	-26.40	H
7420.11	-33.56	11.50	22.20	-44.26	-13.00	-31.26	H
3710.10	-35.21	12.60	12.93	-35.54	-13.00	-22.54	V
5565.18	-34.87	13.10	17.11	-38.88	-13.00	-25.88	V
7420.11	-32.70	11.50	22.20	-43.40	-13.00	-30.40	V
LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.78	-33.68	12.60	12.93	-34.01	-13.00	-21.01	H
5640.19	-34.81	13.10	17.11	-38.82	-13.00	-25.82	H
7520.23	-32.99	11.50	22.20	-43.69	-13.00	-30.69	H
3759.78	-35.62	12.60	12.93	-35.95	-13.00	-22.95	V
5640.19	-33.93	13.10	17.11	-37.94	-13.00	-24.94	V
7520.23	-32.88	11.50	22.20	-43.58	-13.00	-30.58	V
LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3810.20	-34.09	12.60	12.93	-34.42	-13.00	-21.42	H
5715.05	-34.49	13.10	17.11	-38.50	-13.00	-25.50	H
7620.12	-32.84	11.50	22.20	-43.54	-13.00	-30.54	H
3810.20	-35.79	12.60	12.93	-36.12	-13.00	-23.12	V
5715.05	-34.57	13.10	17.11	-38.58	-13.00	-25.58	V
7620.12	-32.50	11.50	22.20	-43.20	-13.00	-30.20	V



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3715.12	-33.91	12.60	12.93	-34.24	-13.00	-21.24	H
5572.53	-34.05	13.10	17.11	-38.06	-13.00	-25.06	H
7430.49	-32.23	11.50	22.20	-42.93	-13.00	-29.93	H
3715.12	-35.06	12.60	12.93	-35.39	-13.00	-22.39	V
5572.53	-34.60	13.10	17.11	-38.61	-13.00	-25.61	V
7430.49	-32.82	11.50	22.20	-43.52	-13.00	-30.52	V
LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.04	-33.74	12.60	12.93	-34.07	-13.00	-21.07	H
5640.16	-34.73	13.10	17.11	-38.74	-13.00	-25.74	H
7520.22	-32.81	11.50	22.20	-43.51	-13.00	-30.51	H
3760.04	-35.35	12.60	12.93	-35.68	-13.00	-22.68	V
5640.16	-34.21	13.10	17.11	-38.22	-13.00	-25.22	V
7520.22	-31.88	11.50	22.20	-42.58	-13.00	-29.58	V
LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3805.03	-34.46	12.60	12.93	-34.79	-13.00	-21.79	H
5707.64	-34.31	13.10	17.11	-38.32	-13.00	-25.32	H
7610.19	-33.46	11.50	22.20	-44.16	-13.00	-31.16	H
3805.03	-35.12	12.60	12.93	-35.45	-13.00	-22.45	V
5707.64	-34.79	13.10	17.11	-38.80	-13.00	-25.80	V
7610.19	-32.95	11.50	22.20	-43.65	-13.00	-30.65	V



LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3720.11	-34.73	12.60	12.93	-35.06	-13.00	-22.06	H
5580.48	-35.24	13.10	17.11	-39.25	-13.00	-26.25	H
7440.16	-33.06	11.50	22.20	-43.76	-13.00	-30.76	H
3720.11	-35.91	12.60	12.93	-36.24	-13.00	-23.24	V
5580.48	-34.68	13.10	17.11	-38.69	-13.00	-25.69	V
7440.16	-32.42	11.50	22.20	-43.12	-13.00	-30.12	V
LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.07	-34.27	12.60	12.93	-34.60	-13.00	-21.60	H
5640.23	-35.24	13.10	17.11	-39.25	-13.00	-26.25	H
7519.93	-33.10	11.50	22.20	-43.80	-13.00	-30.80	H
3760.07	-34.91	12.60	12.93	-35.24	-13.00	-22.24	V
5640.23	-35.06	13.10	17.11	-39.07	-13.00	-26.07	V
7519.93	-32.43	11.50	22.20	-43.13	-13.00	-30.13	V
LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3800.00	-33.67	12.60	12.93	-34.00	-13.00	-21.00	H
5699.90	-35.28	13.10	17.11	-39.29	-13.00	-26.29	H
7600.17	-32.32	11.50	22.20	-43.02	-13.00	-30.02	H
3800.00	-34.72	12.60	12.93	-35.05	-13.00	-22.05	V
5699.90	-35.02	13.10	17.11	-39.03	-13.00	-26.03	V
7600.17	-32.49	11.50	22.20	-43.19	-13.00	-30.19	V



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3421.12	-33.65	12.90	12.56	-33.31	-13.00	-20.31	H
5131.89	-35.20	13.10	16.32	-38.42	-13.00	-25.42	H
6842.83	-33.60	12.33	21.13	-42.40	-13.00	-29.40	H
3421.12	-34.93	12.90	12.56	-34.59	-13.00	-21.59	V
5131.89	-34.78	13.10	16.32	-38.00	-13.00	-25.00	V
6842.83	-32.66	12.33	21.13	-41.46	-13.00	-28.46	V
LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.92	-33.45	12.90	12.56	-33.11	-13.00	-20.11	H
5196.98	-34.83	13.10	16.32	-38.05	-13.00	-25.05	H
6930.10	-33.46	12.33	21.13	-42.26	-13.00	-29.26	H
3464.92	-34.70	12.90	12.56	-34.36	-13.00	-21.36	V
5196.98	-34.80	13.10	16.32	-38.02	-13.00	-25.02	V
6930.10	-32.31	12.33	21.13	-41.11	-13.00	-28.11	V
LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3508.05	-34.29	12.90	12.56	-33.95	-13.00	-20.95	H
5262.57	-34.36	13.10	16.32	-37.58	-13.00	-24.58	H
7015.37	-32.79	12.33	21.13	-41.59	-13.00	-28.59	H
3508.05	-35.73	12.90	12.56	-35.39	-13.00	-22.39	V
5262.57	-34.42	13.10	16.32	-37.64	-13.00	-24.64	V
7015.37	-31.97	12.33	21.13	-40.77	-13.00	-27.77	V



LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3423.64	-33.90	12.90	12.56	-33.56	-13.00	-20.56	H
5135.95	-34.04	13.10	16.32	-37.26	-13.00	-24.26	H
6848.44	-32.28	12.33	21.13	-41.08	-13.00	-28.08	H
3423.64	-35.21	12.90	12.56	-34.87	-13.00	-21.87	V
5135.95	-34.79	13.10	16.32	-38.01	-13.00	-25.01	V
6848.44	-32.35	12.33	21.13	-41.15	-13.00	-28.15	V
LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.81	-34.31	12.90	12.56	-33.97	-13.00	-20.97	H
5196.87	-34.96	13.10	16.32	-38.18	-13.00	-25.18	H
6930.18	-32.50	12.33	21.13	-41.30	-13.00	-28.30	H
3464.81	-35.72	12.90	12.56	-35.38	-13.00	-22.38	V
5196.87	-34.25	13.10	16.32	-37.47	-13.00	-24.47	V
6930.18	-33.12	12.33	21.13	-41.92	-13.00	-28.92	V
LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.92	-33.63	12.90	12.56	-33.29	-13.00	-20.29	H
5261.94	-35.34	13.10	16.32	-38.56	-13.00	-25.56	H
7012.62	-32.64	12.33	21.13	-41.44	-13.00	-28.44	H
3505.92	-34.75	12.90	12.56	-34.41	-13.00	-21.41	V
5261.94	-34.44	13.10	16.32	-37.66	-13.00	-24.66	V
7012.62	-31.72	12.33	21.13	-40.52	-13.00	-27.52	V



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3425.04	-34.51	12.90	12.56	-34.17	-13.00	-21.17	H
5136.83	-34.02	13.10	16.32	-37.24	-13.00	-24.24	H
6849.77	-33.05	12.33	21.13	-41.85	-13.00	-28.85	H
3425.04	-35.65	12.90	12.56	-35.31	-13.00	-22.31	V
5136.83	-35.02	13.10	16.32	-38.24	-13.00	-25.24	V
6849.77	-32.17	12.33	21.13	-40.97	-13.00	-27.97	V
LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.52	-33.77	12.90	12.56	-33.43	-13.00	-20.43	H
5196.83	-35.42	13.10	16.32	-38.64	-13.00	-25.64	H
6930.02	-32.77	12.33	21.13	-41.57	-13.00	-28.57	H
3464.52	-35.79	12.90	12.56	-35.45	-13.00	-22.45	V
5196.83	-34.55	13.10	16.32	-37.77	-13.00	-24.77	V
6930.02	-32.67	12.33	21.13	-41.47	-13.00	-28.47	V
LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.12	-34.45	12.90	12.56	-34.11	-13.00	-21.11	H
5257.20	-34.66	13.10	16.32	-37.88	-13.00	-24.88	H
7009.74	-33.03	12.33	21.13	-41.83	-13.00	-28.83	H
3505.12	-35.56	12.90	12.56	-35.22	-13.00	-22.22	V
5257.20	-34.88	13.10	16.32	-38.10	-13.00	-25.10	V
7009.74	-32.35	12.33	21.13	-41.15	-13.00	-28.15	V



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3430.12	-34.42	12.90	12.56	-34.08	-13.00	-21.08	H
5145.27	-35.14	13.10	16.32	-38.36	-13.00	-25.36	H
6860.36	-33.56	12.33	21.13	-42.36	-13.00	-29.36	H
3430.12	-35.63	12.90	12.56	-35.29	-13.00	-22.29	V
5145.27	-34.09	13.10	16.32	-37.31	-13.00	-24.31	V
6860.36	-32.30	12.33	21.13	-41.10	-13.00	-28.10	V
LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.60	-34.07	12.90	12.56	-33.73	-13.00	-20.73	H
5196.47	-35.24	13.10	16.32	-38.46	-13.00	-25.46	H
6929.60	-32.81	12.33	21.13	-41.61	-13.00	-28.61	H
3464.60	-34.80	12.90	12.56	-34.46	-13.00	-21.46	V
5196.47	-34.91	13.10	16.32	-38.13	-13.00	-25.13	V
6929.60	-33.02	12.33	21.13	-41.82	-13.00	-28.82	V
LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3500.06	-34.68	12.90	12.56	-34.34	-13.00	-21.34	H
5250.37	-34.21	13.10	16.32	-37.43	-13.00	-24.43	H
6999.78	-32.18	12.33	21.13	-40.98	-13.00	-27.98	H
3500.06	-35.25	12.90	12.56	-34.91	-13.00	-21.91	V
5250.37	-34.94	13.10	16.32	-38.16	-13.00	-25.16	V
6999.78	-32.15	12.33	21.13	-40.95	-13.00	-27.95	V



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3435.05	-33.98	12.90	12.56	-33.64	-13.00	-20.64	H
5152.58	-35.13	13.10	16.32	-38.35	-13.00	-25.35	H
6870.31	-33.21	12.33	21.13	-42.01	-13.00	-29.01	H
3435.05	-35.13	12.90	12.56	-34.79	-13.00	-21.79	V
5152.58	-34.51	13.10	16.32	-37.73	-13.00	-24.73	V
6870.31	-32.97	12.33	21.13	-41.77	-13.00	-28.77	V
LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3465.09	-34.49	12.90	12.56	-34.15	-13.00	-21.15	H
5196.76	-34.67	13.10	16.32	-37.89	-13.00	-24.89	H
6930.12	-32.28	12.33	21.13	-41.08	-13.00	-28.08	H
3465.09	-35.92	12.90	12.56	-35.58	-13.00	-22.58	V
5196.76	-34.40	13.10	16.32	-37.62	-13.00	-24.62	V
6930.12	-31.79	12.33	21.13	-40.59	-13.00	-27.59	V
LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3495.08	-33.69	12.90	12.56	-33.35	-13.00	-20.35	H
5242.34	-35.25	13.10	16.32	-38.47	-13.00	-25.47	H
6989.95	-32.19	12.33	21.13	-40.99	-13.00	-27.99	H
3495.08	-35.95	12.90	12.56	-35.61	-13.00	-22.61	V
5242.34	-34.11	13.10	16.32	-37.33	-13.00	-24.33	V
6989.95	-32.17	12.33	21.13	-40.97	-13.00	-27.97	V



LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3440.31	-34.57	12.90	12.56	-34.23	-13.00	-21.23	H
5160.24	-34.03	13.10	16.32	-37.25	-13.00	-24.25	H
6880.77	-33.05	12.33	21.13	-41.85	-13.00	-28.85	H
3440.31	-34.76	12.90	12.56	-34.42	-13.00	-21.42	V
5160.24	-34.09	13.10	16.32	-37.31	-13.00	-24.31	V
6880.77	-32.55	12.33	21.13	-41.35	-13.00	-28.35	V
LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3465.03	-34.20	12.90	12.56	-33.86	-13.00	-20.86	H
5196.65	-34.06	13.10	16.32	-37.28	-13.00	-24.28	H
6929.76	-33.36	12.33	21.13	-42.16	-13.00	-29.16	H
3465.03	-34.70	12.90	12.56	-34.36	-13.00	-21.36	V
5196.65	-34.60	13.10	16.32	-37.82	-13.00	-24.82	V
6929.76	-32.74	12.33	21.13	-41.54	-13.00	-28.54	V
LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.34	-34.47	12.90	12.56	-34.13	-13.00	-21.13	H
5234.97	-35.27	13.10	16.32	-38.49	-13.00	-25.49	H
6979.58	-33.15	12.33	21.13	-41.95	-13.00	-28.95	H
3490.34	-35.77	12.90	12.56	-35.43	-13.00	-22.43	V
5234.97	-34.70	13.10	16.32	-37.92	-13.00	-24.92	V
6979.58	-32.57	12.33	21.13	-41.37	-13.00	-28.37	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
1648.63	-34.67	9.56	9.72	-34.83	-13.00	-21.83	H
2473.56	-35.24	10.50	10.86	-35.60	-13.00	-22.60	H
3298.77	-32.48	12.78	11.57	-31.27	-13.00	-18.27	H
1648.63	-34.88	9.56	9.72	-35.04	-13.00	-22.04	V
2473.56	-34.92	10.50	10.86	-35.28	-13.00	-22.28	V
3298.77	-32.74	12.78	11.57	-31.53	-13.00	-18.53	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
1672.55	-34.35	9.56	9.72	-34.51	-13.00	-21.51	H
2509.00	-34.33	10.50	10.86	-34.69	-13.00	-21.69	H
3345.73	-32.34	12.78	11.57	-31.13	-13.00	-18.13	H
1672.55	-35.70	9.56	9.72	-35.86	-13.00	-22.86	V
2509.00	-35.12	10.50	10.86	-35.48	-13.00	-22.48	V
3345.73	-32.46	12.78	11.57	-31.25	-13.00	-18.25	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
1695.94	-34.88	9.56	9.72	-35.04	-13.00	-22.04	H
2544.62	-34.20	10.50	10.86	-34.56	-13.00	-21.56	H
3392.85	-32.21	12.78	11.57	-31.00	-13.00	-18.00	H
1695.94	-34.84	9.56	9.72	-35.00	-13.00	-22.00	V
2544.62	-34.89	10.50	10.86	-35.25	-13.00	-22.25	V
3392.85	-32.23	12.78	11.57	-31.02	-13.00	-18.02	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
1650.29	-34.55	9.56	9.72	-34.71	-13.00	-21.71	H
2475.77	-34.40	10.50	10.86	-34.76	-13.00	-21.76	H
3301.53	-33.40	12.78	11.57	-32.19	-13.00	-19.19	H
1650.29	-35.94	9.56	9.72	-36.10	-13.00	-23.10	V
2475.77	-34.17	10.50	10.86	-34.53	-13.00	-21.53	V
3301.53	-32.68	12.78	11.57	-31.47	-13.00	-18.47	V
LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.49	-34.26	9.56	9.72	-34.42	-13.00	-21.42	H
2508.73	-34.33	10.50	10.86	-34.69	-13.00	-21.69	H
3345.89	-32.61	12.78	11.57	-31.40	-13.00	-18.40	H
1672.49	-35.67	9.56	9.72	-35.83	-13.00	-22.83	V
2508.73	-34.72	10.50	10.86	-35.08	-13.00	-22.08	V
3345.89	-32.08	12.78	11.57	-30.87	-13.00	-17.87	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
1694.62	-34.72	9.56	9.72	-34.88	-13.00	-21.88	H
2541.75	-34.54	10.50	10.86	-34.90	-13.00	-21.90	H
3389.53	-32.33	12.78	11.57	-31.12	-13.00	-18.12	H
1694.62	-34.59	9.56	9.72	-34.75	-13.00	-21.75	V
2541.75	-33.79	10.50	10.86	-34.15	-13.00	-21.15	V
3389.53	-32.52	12.78	11.57	-31.31	-13.00	-18.31	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
1652.50	-33.91	9.56	9.72	-34.07	-13.00	-21.07	H
2478.90	-35.38	10.50	10.86	-35.74	-13.00	-22.74	H
3305.51	-33.10	12.78	11.57	-31.89	-13.00	-18.89	H
1652.50	-34.68	9.56	9.72	-34.84	-13.00	-21.84	V
2478.90	-35.01	10.50	10.86	-35.37	-13.00	-22.37	V
3305.51	-32.31	12.78	11.57	-31.10	-13.00	-18.10	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
1672.34	-34.27	9.56	9.72	-34.43	-13.00	-21.43	H
2508.90	-34.02	10.50	10.86	-34.38	-13.00	-21.38	H
3345.45	-32.23	12.78	11.57	-31.02	-13.00	-18.02	H
1672.34	-35.93	9.56	9.72	-36.09	-13.00	-23.09	V
2508.90	-35.01	10.50	10.86	-35.37	-13.00	-22.37	V
3345.45	-33.01	12.78	11.57	-31.80	-13.00	-18.80	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
1692.10	-34.09	9.56	9.72	-34.25	-13.00	-21.25	H
2538.79	-35.47	10.50	10.86	-35.83	-13.00	-22.83	H
3385.53	-32.49	12.78	11.57	-31.28	-13.00	-18.28	H
1692.10	-35.69	9.56	9.72	-35.85	-13.00	-22.85	V
2538.79	-34.79	10.50	10.86	-35.15	-13.00	-22.15	V
3385.53	-32.37	12.78	11.57	-31.16	-13.00	-18.16	V



LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1657.51	-34.89	9.56	9.72	-35.05	-13.00	-22.05	H
2486.53	-35.01	10.50	10.86	-35.37	-13.00	-22.37	H
3315.07	-33.10	12.78	11.57	-31.89	-13.00	-18.89	H
1657.51	-35.75	9.56	9.72	-35.91	-13.00	-22.91	V
2486.53	-34.25	10.50	10.86	-34.61	-13.00	-21.61	V
3315.07	-31.77	12.78	11.57	-30.56	-13.00	-17.56	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
1672.44	-34.50	9.56	9.72	-34.66	-13.00	-21.66	H
2508.79	-34.98	10.50	10.86	-35.34	-13.00	-22.34	H
3345.31	-32.50	12.78	11.57	-31.29	-13.00	-18.29	H
1672.44	-35.44	9.56	9.72	-35.60	-13.00	-22.60	V
2508.79	-34.95	10.50	10.86	-35.31	-13.00	-22.31	V
3345.31	-32.21	12.78	11.57	-31.00	-13.00	-18.00	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
1687.28	-34.79	9.56	9.72	-34.95	-13.00	-21.95	H
2531.37	-34.16	10.50	10.86	-34.52	-13.00	-21.52	H
3375.47	-33.31	12.78	11.57	-32.10	-13.00	-19.10	H
1687.28	-35.15	9.56	9.72	-35.31	-13.00	-22.31	V
2531.37	-34.05	10.50	10.86	-34.41	-13.00	-21.41	V
3375.47	-32.78	12.78	11.57	-31.57	-13.00	-18.57	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
5004.92	-33.54	12.66	15.86	-36.74	-25.00	-11.74	H
7507.48	-34.04	11.46	19.28	-41.86	-25.00	-16.86	H
10010.17	-32.59	12.79	23.19	-42.99	-25.00	-17.99	H
5004.92	-35.99	12.66	15.86	-39.19	-25.00	-14.19	V
7507.48	-35.11	11.46	19.28	-42.93	-25.00	-17.93	V
10010.17	-32.20	12.79	23.19	-42.60	-25.00	-17.60	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
5069.92	-33.83	12.72	15.86	-36.97	-25.00	-11.97	H
7604.96	-34.65	11.46	19.28	-42.47	-25.00	-17.47	H
10139.80	-32.65	12.09	23.19	-43.75	-25.00	-18.75	H
5069.92	-35.86	12.72	15.86	-39.00	-25.00	-14.00	V
7604.96	-35.19	11.46	19.28	-43.01	-25.00	-18.01	V
10139.80	-32.66	12.09	23.19	-43.76	-25.00	-18.76	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
5133.73	-33.76	12.76	15.86	-36.86	-25.00	-11.86	H
7701.20	-35.42	11.45	19.28	-43.25	-25.00	-18.25	H
10268.52	-33.00	12.28	23.19	-43.91	-25.00	-18.91	H
5133.73	-34.86	12.76	15.86	-37.96	-25.00	-12.96	V
7701.20	-33.85	11.45	19.28	-41.68	-25.00	-16.68	V
10268.52	-32.63	12.28	23.19	-43.54	-25.00	-18.54	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
5010.12	-33.44	12.66	15.86	-36.64	-25.00	-11.64	H
7515.46	-35.22	11.46	19.28	-43.04	-25.00	-18.04	H
10020.35	-32.70	12.79	23.19	-43.10	-25.00	-18.10	H
5010.12	-34.73	12.66	15.86	-37.93	-25.00	-12.93	V
7515.46	-33.85	11.46	19.28	-41.67	-25.00	-16.67	V
10020.35	-32.99	12.79	23.19	-43.39	-25.00	-18.39	V
LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5069.61	-34.88	12.72	15.86	-38.02	-25.00	-13.02	H
7604.90	-34.55	11.46	19.28	-42.37	-25.00	-17.37	H
10139.77	-32.83	12.09	23.19	-43.93	-25.00	-18.93	H
5069.61	-34.95	12.72	15.86	-38.09	-25.00	-13.09	V
7604.90	-34.31	11.46	19.28	-42.13	-25.00	-17.13	V
10139.77	-31.77	12.09	23.19	-42.87	-25.00	-17.87	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
5129.37	-34.38	12.76	15.86	-37.48	-25.00	-12.48	H
7694.00	-34.09	11.45	19.28	-41.92	-25.00	-16.92	H
10258.82	-32.39	12.28	23.19	-43.30	-25.00	-18.30	H
5129.37	-35.75	12.76	15.86	-38.85	-25.00	-13.85	V
7694.00	-34.30	11.45	19.28	-42.13	-25.00	-17.13	V
10258.82	-31.96	12.28	23.19	-42.87	-25.00	-17.87	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
5015.85	-34.88	12.66	15.86	-38.08	-25.00	-13.08	H
7523.94	-34.70	11.46	19.28	-42.52	-25.00	-17.52	H
10031.96	-32.49	12.79	23.19	-42.89	-25.00	-17.89	H
5015.85	-35.43	12.66	15.86	-38.63	-25.00	-13.63	V
7523.94	-34.52	11.46	19.28	-42.34	-25.00	-17.34	V
10031.96	-31.81	12.79	23.19	-42.21	-25.00	-17.21	V
LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5070.08	-34.39	12.72	15.86	-37.53	-25.00	-12.53	H
7604.99	-34.15	11.46	19.28	-41.97	-25.00	-16.97	H
10139.81	-33.06	12.09	23.19	-44.16	-25.00	-19.16	H
5070.08	-35.29	12.72	15.86	-38.43	-25.00	-13.43	V
7604.99	-35.23	11.46	19.28	-43.05	-25.00	-18.05	V
10139.81	-33.06	12.09	23.19	-44.16	-25.00	-19.16	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
5123.51	-34.83	12.76	15.86	-37.93	-25.00	-12.93	H
7523.94	-34.61	11.45	19.28	-42.44	-25.00	-17.44	H
10032.00	-32.68	12.28	23.19	-43.59	-25.00	-18.59	H
5123.51	-34.67	12.76	15.86	-37.77	-25.00	-12.77	V
7523.94	-34.17	11.45	19.28	-42.00	-25.00	-17.00	V
10032.00	-32.00	12.28	23.19	-42.91	-25.00	-17.91	V



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5020.80	-34.62	12.66	15.86	-37.82	-25.00	-12.82	H
7531.08	-34.43	11.46	19.28	-42.25	-25.00	-17.25	H
10258.95	-33.04	12.79	23.19	-43.44	-25.00	-18.44	H
5020.80	-34.81	12.66	15.86	-38.01	-25.00	-13.01	V
7531.08	-34.39	11.46	19.28	-42.21	-25.00	-17.21	V
10258.95	-32.41	12.79	23.19	-42.81	-25.00	-17.81	V
LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5070.08	-34.90	12.72	15.86	-38.04	-25.00	-13.04	H
7604.96	-35.38	11.46	19.28	-43.20	-25.00	-18.20	H
10139.78	-32.84	12.09	23.19	-43.94	-25.00	-18.94	H
5070.08	-35.38	12.72	15.86	-38.52	-25.00	-13.52	V
7604.96	-34.66	11.46	19.28	-42.48	-25.00	-17.48	V
10139.78	-33.01	12.09	23.19	-44.11	-25.00	-19.11	V
LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5118.67	-34.91	12.76	15.86	-38.01	-25.00	-13.01	H
7677.98	-35.08	11.45	19.28	-42.91	-25.00	-17.91	H
10237.56	-32.92	12.28	23.19	-43.83	-25.00	-18.83	H
5118.67	-34.77	12.76	15.86	-37.87	-25.00	-12.87	V
7677.98	-34.35	11.45	19.28	-42.18	-25.00	-17.18	V
10237.56	-32.54	12.28	23.19	-43.45	-25.00	-18.45	V



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1399.37	-34.38	8.17	9.34	-35.55	-13.00	-22.55	H
2098.78	-35.37	9.53	10.42	-36.26	-13.00	-23.26	H
2798.49	-33.34	11.27	11.12	-33.19	-13.00	-20.19	H
1399.37	-34.88	8.17	9.34	-36.05	-13.00	-23.05	V
2098.78	-35.05	9.53	10.42	-35.94	-13.00	-22.94	V
2798.49	-32.60	11.27	11.12	-32.45	-13.00	-19.45	V
LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1414.57	-33.71	8.17	9.34	-34.88	-13.00	-21.88	H
2122.39	-34.92	9.53	10.42	-35.81	-13.00	-22.81	H
2829.62	-33.58	11.27	11.12	-33.43	-13.00	-20.43	H
1414.57	-35.90	8.17	9.34	-37.07	-13.00	-24.07	V
2122.39	-34.99	9.53	10.42	-35.88	-13.00	-22.88	V
2829.62	-32.31	11.27	11.12	-32.16	-13.00	-19.16	V
LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1430.27	-33.70	8.17	9.34	-34.87	-13.00	-21.87	H
2145.67	-35.41	9.53	10.42	-36.30	-13.00	-23.30	H
2861.08	-33.15	11.27	11.12	-33.00	-13.00	-20.00	H
1430.27	-35.29	8.17	9.34	-36.46	-13.00	-23.46	V
2145.67	-33.98	9.53	10.42	-34.87	-13.00	-21.87	V
2861.08	-32.07	11.27	11.12	-31.92	-13.00	-18.92	V



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1400.59	-33.71	8.17	9.34	-34.88	-13.00	-21.88	H
2101.11	-34.33	9.53	10.42	-35.22	-13.00	-22.22	H
2801.98	-32.33	11.27	11.12	-32.18	-13.00	-19.18	H
1400.59	-34.95	8.17	9.34	-36.12	-13.00	-23.12	V
2101.11	-34.75	9.53	10.42	-35.64	-13.00	-22.64	V
2801.98	-32.98	11.27	11.12	-32.83	-13.00	-19.83	V
LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1414.96	-34.87	8.17	9.34	-36.04	-13.00	-23.04	H
2122.04	-34.20	9.53	10.42	-35.09	-13.00	-22.09	H
2829.64	-32.81	11.27	11.12	-32.66	-13.00	-19.66	H
1414.96	-35.95	8.17	9.34	-37.12	-13.00	-24.12	V
2122.04	-35.05	9.53	10.42	-35.94	-13.00	-22.94	V
2829.64	-32.38	11.27	11.12	-32.23	-13.00	-19.23	V
LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1428.54	-33.71	8.17	9.34	-34.88	-13.00	-21.88	H
2143.22	-34.97	9.53	10.42	-35.86	-13.00	-22.86	H
2857.89	-33.29	11.27	11.12	-33.14	-13.00	-20.14	H
1428.54	-34.57	8.17	9.34	-35.74	-13.00	-22.74	V
2143.22	-34.48	9.53	10.42	-35.37	-13.00	-22.37	V
2857.89	-32.06	11.27	11.12	-31.91	-13.00	-18.91	V



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1402.52	-34.72	8.17	9.34	-35.89	-13.00	-22.89	H
2104.31	-34.73	9.53	10.42	-35.62	-13.00	-22.62	H
2805.97	-32.79	11.27	11.12	-32.64	-13.00	-19.64	H
1402.52	-34.68	8.17	9.34	-35.85	-13.00	-22.85	V
2104.31	-35.18	9.53	10.42	-36.07	-13.00	-23.07	V
2805.97	-32.33	11.27	11.12	-32.18	-13.00	-19.18	V
LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1414.75	-34.64	8.17	9.34	-35.81	-13.00	-22.81	H
2122.32	-34.62	9.53	10.42	-35.51	-13.00	-22.51	H
2829.57	-33.21	11.27	11.12	-33.06	-13.00	-20.06	H
1414.75	-34.61	8.17	9.34	-35.78	-13.00	-22.78	V
2122.32	-33.83	9.53	10.42	-34.72	-13.00	-21.72	V
2829.57	-32.61	11.27	11.12	-32.46	-13.00	-19.46	V
LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1426.73	-33.96	8.17	9.34	-35.13	-13.00	-22.13	H
2140.20	-34.92	9.53	10.42	-35.81	-13.00	-22.81	H
2853.56	-32.26	11.27	11.12	-32.11	-13.00	-19.11	H
1426.73	-35.59	8.17	9.34	-36.76	-13.00	-23.76	V
2140.20	-35.16	9.53	10.42	-36.05	-13.00	-23.05	V
2853.56	-32.52	11.27	11.12	-32.37	-13.00	-19.37	V



LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1407.54	-33.78	8.17	9.34	-34.95	-13.00	-21.95	H
2111.88	-34.76	9.53	10.42	-35.65	-13.00	-22.65	H
2815.81	-32.18	11.27	11.12	-32.03	-13.00	-19.03	H
1407.54	-34.54	8.17	9.34	-35.71	-13.00	-22.71	V
2111.88	-33.94	9.53	10.42	-34.83	-13.00	-21.83	V
2815.81	-32.76	11.27	11.12	-32.61	-13.00	-19.61	V
LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1414.69	-33.71	8.17	9.34	-34.88	-13.00	-21.88	H
2122.42	-34.70	9.53	10.42	-35.59	-13.00	-22.59	H
2829.83	-33.49	11.27	11.12	-33.34	-13.00	-20.34	H
1414.69	-35.12	8.17	9.34	-36.29	-13.00	-23.29	V
2122.42	-35.18	9.53	10.42	-36.07	-13.00	-23.07	V
2829.83	-32.15	11.27	11.12	-32.00	-13.00	-19.00	V
LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1421.51	-33.98	8.17	9.34	-35.15	-13.00	-22.15	H
2132.71	-35.33	9.53	10.42	-36.22	-13.00	-23.22	H
2843.53	-32.32	11.27	11.12	-32.17	-13.00	-19.17	H
1421.51	-35.02	8.17	9.34	-36.19	-13.00	-23.19	V
2132.71	-34.06	9.53	10.42	-34.95	-13.00	-21.95	V
2843.53	-32.29	11.27	11.12	-32.14	-13.00	-19.14	V



LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1413.16	-33.93	8.17	9.34	-35.10	-13.00	-22.10	H
2120.65	-34.20	9.53	10.42	-35.09	-13.00	-22.09	H
2826.63	-32.76	11.27	11.12	-32.61	-13.00	-19.61	H
1413.16	-35.05	8.17	9.34	-36.22	-13.00	-23.22	V
2120.65	-34.24	9.53	10.42	-35.13	-13.00	-22.13	V
2826.63	-32.21	11.27	11.12	-32.06	-13.00	-19.06	V
LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1419.92	-34.61	8.17	9.34	-35.78	-13.00	-22.78	H
2130.03	-34.33	9.53	10.42	-35.22	-13.00	-22.22	H
2839.91	-33.61	11.27	11.12	-33.46	-13.00	-20.46	H
1419.92	-35.63	8.17	9.34	-36.80	-13.00	-23.80	V
2130.03	-35.22	9.53	10.42	-36.11	-13.00	-23.11	V
2839.91	-31.86	11.27	11.12	-31.71	-13.00	-18.71	V
LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1426.08	-34.74	8.17	9.34	-35.91	-13.00	-22.91	H
2139.47	-34.92	9.53	10.42	-35.81	-13.00	-22.81	H
2852.57	-33.49	11.27	11.12	-33.34	-13.00	-20.34	H
1426.08	-35.36	8.17	9.34	-36.53	-13.00	-23.53	V
2139.47	-34.99	9.53	10.42	-35.88	-13.00	-22.88	V
2852.57	-32.49	11.27	11.12	-32.34	-13.00	-19.34	V



LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1418.15	-34.85	8.17	9.34	-36.02	-13.00	-23.02	H
2127.57	-34.32	9.53	10.42	-35.21	-13.00	-22.21	H
2836.82	-32.20	11.27	11.12	-32.05	-13.00	-19.05	H
1418.15	-34.59	8.17	9.34	-35.76	-13.00	-22.76	V
2127.57	-34.17	9.53	10.42	-35.06	-13.00	-22.06	V
2836.82	-32.46	11.27	11.12	-32.31	-13.00	-19.31	V
LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1419.85	-33.88	8.17	9.34	-35.05	-13.00	-22.05	H
2130.27	-34.90	9.53	10.42	-35.79	-13.00	-22.79	H
2839.95	-33.39	11.27	11.12	-33.24	-13.00	-20.24	H
1419.85	-35.41	8.17	9.34	-36.58	-13.00	-23.58	V
2130.27	-34.55	9.53	10.42	-35.44	-13.00	-22.44	V
2839.95	-32.93	11.27	11.12	-32.78	-13.00	-19.78	V
LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1420.95	-34.54	8.17	9.34	-35.71	-13.00	-22.71	H
2131.91	-34.91	9.53	10.42	-35.80	-13.00	-22.80	H
2842.69	-32.36	11.27	11.12	-32.21	-13.00	-19.21	H
1420.95	-35.47	8.17	9.34	-36.64	-13.00	-23.64	V
2131.91	-34.40	9.53	10.42	-35.29	-13.00	-22.29	V
2842.69	-31.95	11.27	11.12	-31.80	-13.00	-18.80	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*****