



Radio Test Report

Report No.:STS2512160W01

Issued for

Shenzhen Inateck Technology Co.,Ltd.

Rm. 2507, Bldg. 11, TianAn Cloud Park, Bantian Street,
Longgang District, Shenzhen, China.

Product Name: Handheld Terminal

Brand Name: inateck

Model Name: N6029

Series Model(s): N6030, N6031, N6032, N6033, N6034,
N6035

FCC ID: 2A2T9-N6029

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: Shenzhen Inateck Technology Co.,Ltd.
Address: Rm. 2507, Bldg. 11, TianAn Cloud Park, Bantian Street, Longgang District, Shenzhen, China.
Manufacturer's Name: Shenzhen Inateck Technology Co.,Ltd.
Address: Rm. 2507, Bldg. 11, TianAn Cloud Park, Bantian Street, Longgang District, Shenzhen, China.

Product Description

Product Name: Handheld Terminal
Brand Name: inateck
Model Name: N6029
Series Model(s): N6030, N6031, N6032, N6033, N6034, N6035
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.
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.

Date of Test.....:

Date of receipt of test item.....: 17 Dec. 2025
Date (s) of performance of tests.: 17 Dec. 2025~07 May 2026
Date of Issue: 07 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	07 May 2026	STS2512160W01	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)	B12	ERP < 3 Watt	
	27.50(d)	B4	EIRP < 1Watt	
	27.50(h)	B7, B41	EIRP < 2Watt	
Peak-to-Average Ratio	22.913(d)	GSM850, WCDMA B5	< 13 dB	PASS
	24.232(d)	GSM1900, WCDMA B2		
	27.50	B4, B7, B12, B41		
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	B4, B7, B12, B41		
Spurious Emission at Antenna Terminals	2.1051	/	< 43+10log10(P[Watts])	PASS
	22.917	GSM850, WCDMA B5		



	24.238(a)	GSM1900, WCDMAB2,		
	27.53(g)	B12		
	27.53(h)	B4		
	27.53(m)	B7, B41		
Band Edge	2.1051	/	Please refer to standard	PASS
	22.917	GSM850, WCDMAB5, B5		
	24.238(a)	GSM1900, WCDMAB2,		
	27.53(g)	B12		
	27.53(h)	B4		
	27.53(m)	B7, B41		
Field Strength of Spurious Radiation	2.1053	/	< 43+10log10(P[Watts])	PASS
	22.917	GSM850, WCDMAB5, B5		
	24.238(a)	GSM1900, WCDMAB2,		
	27.53(g)	B12		
	27.53(h)	B4		
	27.53(m)	B7, B41	< 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	Handheld Terminal
Brand Name	inateck
Model Name	N6029
Series Model(s)	N6030, N6031, N6032, N6033, N6034, N6035
Model Difference	The only difference is the model name.
Tx Frequency:	GSM850: 824-849 MHz GSM1900: 1850-1910 MHz WCDMA B2: 1850-1910 MHz WCDMA B5: 824-849 MHz LTE Band 4:1710~1755MHz LTE Band 5:824~849MHz LTE Band 7:2500~2570MHz LTE Band 12:699~716MHz LTE Band 41:2496-2690MHz
Rx Frequency:	GSM850: 869-894 MHz GSM1900: 1930-1990 MHz WCDMA B2: 1930-1990 MHz LTE Band 4:2110~2155MHz LTE Band 5:869~894MHz LTE Band 7:2620~2690MHz LTE Band 12:729~746MHz LTE Band 41:2496-2690MHz
Max RF Output Power:	GSM850:24.15dBm, PCS1900:23.29dBm WCDMA B2:22.02 dBm,WCDMA B5:22.49 dBm LTE B4: 21.86dBm, LTE B5: 20.69dBm LTE B7: 21.51dBm,LTE B12: 22.71dBm LTE B41: 23.27dBm
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:	PIFA
Antenna gain:	GSM850:-5.36 dBi PCS1900: -0.31 dBi WCDMA B2:-0.31 dBi.WCDMA B5: -5.36 dBi LTE B4:-2.65 dBi.LTE B5:-5.36 dBi LTE B7:-3.58 dBi.LTE B12: -17.33 dBi LTE B41: -3.58 dBi
GPRS/EDGE Class:	Multi-Class12
Extreme Vol. Limits:	DC 3.465V ~ DC 4.235V (Normal: DC 3.85V)
Extreme Temp. Tolerance:	0℃~40℃
Power Rating	Input: 5V 2A
Adapter	N/A
Battery	Model: 183278 Brand: N/A Rated Voltage: 3.85V



	Charge Limit Voltage: 4.4V Capacity: 6700mAh
Hardware version number:	N/A
Software version number:	N/A
** Note: The High Voltage DC 4.235V and Low Voltage DC 3.465V 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	Band5	Frequency(MHz)	Channel
L	1852.4	9262	L	826.4	4132
M	1880	9400	M	836.6	4183
H	1907.6	9538	H	846.6	4233

Band4	1.7GHz	Frequency(MHz)	Channel	Band5	850MHz	Frequency (MHz)	Channel
L	1.4M	1710.7	19957	L M H	1.4M	824.7	20407
	3M	1711.5	19965		3M	825.5	20415
	5M	1712.5	19975		5M	826.5	20425
	10M	1715	20000		10M	829	20450
	15M	1717.5	20025		1.4/3/5/10M	836.5	20525
	20M	1720	20050		1.4M	848.3	20643
M	1.4/3/5/10/15/20M	1732.5	20175		3M	847.5	20635
H	1.4M	1754.3	20393		5M	846.5	20625
	3M	1753.5	20385		10M	844	20600
	5M	1752.5	20375				
	10M	1750	20350				
	15M	1747.5	20325				
	20M	1745	20300				
Band7	2.6GHz	Frequency(MHz)	Channel	Band41	2.5GHz	Frequency (MHz)	Channel
L	5M	2502.5	20775	L	5M	2498.5	39675
	10M	2505	20800		10M	2501	39700
	15M	2507.5	20825		15M	2503.5	39725
	20M	2510	20850		20M	2506	39750
M	5/10/15/20M	2535	21100	M	5/10/15/20M	2593	40620
H	5M	2567.5	21425	H	5M	2687.5	41565
	10M	2565	21400		10M	2685	41540
	15M	2562.5	21375		15M	2682.5	41515



	20M	2560	21350		20M	2680	41490
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EMISSION DESIGNATOR

Mode	Emission Designator (99%OBW)
GSM850	253KGXW
GPRS850	249KGXW
EGPRS850	258KG7W
GSM1900	243KGXW
GPRS1900	247KGXW
EGPRS1900	256KG7W
Mode	Emission Designator (99%OBW)
WCDMA Band2	4M19F9W
HSDPA Band2	4M19F9W
HSUPA Band2	4M18F9W
WCDMA Band5	4M18F9W
HSDPA Band5	4M20F9W
HSUPA Band5	4M20F9W

LTE Band 4 BW(MHz)	Emission Designator (99%OBW)QPSK	Emission Designator (99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M69G7D	2M70W7D
5	4M53G7D	4M51W7D
10	8M98G7D	8M99W7D
15	13M4G7D	13M5W7D
20	18M0G7D	18M0W7D
LTE Band 5 BW(MHz)	Emission Designator (99%OBW)QPSK	Emission Designator (99%OBW)16QAM
1.4	1M10G7D	1M10W7D
3	2M70G7D	2M70W7D
5	4M51G7D	4M50W7D
10	9M01G7D	8M98W7D
LTE Band 7 BW(MHz)	Emission Designator (99%OBW)QPSK	Emission Designator (99%OBW)16QAM
5	4M52G7D	4M52W7D
10	9M02G7D	9M03W7D
15	13M5G7D	13M5W7D
20	18M1G7D	18M1W7D
LTE Band 12 BW(MHz)	Emission Designator (99%OBW)QPSK	Emission Designator (99%OBW)16QAM
1.4	1000M00G7D	1000M00W7D
3	2M72G7D	2M72W7D
5	4M54G7D	4M53W7D
10	9M00G7D	9M02W7D
LTE Band 41 BW(MHz)	Emission Designator (99%OBW)QPSK	Emission Designator (99%OBW)16QAM
5	4M53G7D	4M50W7D
10	9M02G7D	9M00W7D
15	13M5G7D	13M5W7D
20	18M0G7D	18M0W7D



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	12	v	v	v	v			v	v	v	v	v	v	v	v
Peak&Avera Ratio	12	v	v	v	v			v	v	v			v	v	v
26dB&99% Bandwidth	12	v	v	v	v			v	v			v	v	v	v
Conducted Band Edge	12	v	v	v	v			v	v			v	v		v
Conducted Spurious Emission	12	v	v	v	v			v	v	v		v	v	v	v
Frequency Stability	12				v			v				v		v	
E.R.P.& E.I.R.P.	12	v	v	v	v			v	v	v	v	v	v	v	v
Radiated Spurious Emission	12	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
Signal Generator	Agilent	83752A	3610A02740	2025.03.20	2026.03.19
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	45873	2025.02.21	2026.02.20
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	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			



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	45926	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	2026.02.04	2027.02.03
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:

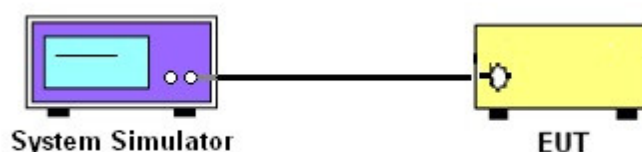
a) $\text{ERP} = \text{EIRP} - 2.15$, where ERP and EIRP are expressed in consistent units.

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

GSM 850							
Mode	Frequency (MHz)	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit (W)	ERP Limit (dBm)	Conclusion
GSM (GMSK,1-Slot)	824.2	31.18	-5.36	23.67	7.00	38.45	PASS
	836.6	31.53	-5.36	24.02	7.00	38.45	PASS
	848.8	31.60	-5.36	24.09	7.00	38.45	PASS
GPRS (GMSK,1-Slot)	824.2	31.23	-5.36	23.72	7.00	38.45	PASS
	836.6	31.59	-5.36	24.08	7.00	38.45	PASS
	848.8	31.66	-5.36	24.15	7.00	38.45	PASS
GPRS (GMSK,2-Slot)	824.2	30.40	-5.36	22.89	7.00	38.45	PASS
	836.6	30.66	-5.36	23.15	7.00	38.45	PASS
	848.8	30.84	-5.36	23.33	7.00	38.45	PASS
GPRS (GMSK,3-Slot)	824.2	28.44	-5.36	20.93	7.00	38.45	PASS
	836.6	28.68	-5.36	21.17	7.00	38.45	PASS
	848.8	28.47	-5.36	20.96	7.00	38.45	PASS
GPRS (GMSK,4-Slot)	824.2	27.63	-5.36	20.12	7.00	38.45	PASS
	836.6	27.54	-5.36	20.03	7.00	38.45	PASS
	848.8	27.66	-5.36	20.15	7.00	38.45	PASS
EGPRS (8PSK,1-Slot)	824.2	25.36	-5.36	17.85	7.00	38.45	PASS
	836.6	25.04	-5.36	17.53	7.00	38.45	PASS
	848.8	25.67	-5.36	18.16	7.00	38.45	PASS
EGPRS (8PSK,2-Slot)	824.2	23.83	-5.36	16.32	7.00	38.45	PASS
	836.6	23.87	-5.36	16.36	7.00	38.45	PASS
	848.8	24.00	-5.36	16.49	7.00	38.45	PASS
EGPRS (8PSK,3-Slot)	824.2	22.00	-5.36	14.49	7.00	38.45	PASS
	836.6	22.22	-5.36	14.71	7.00	38.45	PASS
	848.8	22.30	-5.36	14.79	7.00	38.45	PASS
EGPRS (8PSK,4-Slot)	824.2	20.67	-5.36	13.16	7.00	38.45	PASS
	836.6	20.94	-5.36	13.43	7.00	38.45	PASS
	848.8	21.07	-5.36	13.56	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
GSM (GMSK,1-Slot)	1850.2	22.93	-0.31	22.62	2.00	33.01	PASS
	1880.0	23.26	-0.31	22.95	2.00	33.01	PASS
	1909.8	23.60	-0.31	23.29	2.00	33.01	PASS
GPRS (GMSK,1-Slot)	1850.2	22.89	-0.31	22.58	2.00	33.01	PASS
	1880.0	23.25	-0.31	22.94	2.00	33.01	PASS
	1909.8	23.57	-0.31	23.26	2.00	33.01	PASS
GPRS (GMSK,2-Slot)	1850.2	22.04	-0.31	21.73	2.00	33.01	PASS
	1880.0	22.41	-0.31	22.10	2.00	33.01	PASS
	1909.8	22.76	-0.31	22.45	2.00	33.01	PASS
GPRS (GMSK,3-Slot)	1850.2	20.16	-0.31	19.85	2.00	33.01	PASS
	1880.0	20.52	-0.31	20.21	2.00	33.01	PASS
	1909.8	20.88	-0.31	20.57	2.00	33.01	PASS
GPRS (GMSK,4-Slot)	1850.2	19.06	-0.31	18.75	2.00	33.01	PASS
	1880.0	19.38	-0.31	19.07	2.00	33.01	PASS
	1909.8	19.74	-0.31	19.43	2.00	33.01	PASS
EGPRS (8PSK,1-Slot)	1850.2	17.44	-0.31	17.13	2.00	33.01	PASS
	1880.0	17.59	-0.31	17.28	2.00	33.01	PASS
	1909.8	18.15	-0.31	17.84	2.00	33.01	PASS
EGPRS (8PSK,2-Slot)	1850.2	16.59	-0.31	16.28	2.00	33.01	PASS
	1880.0	16.45	-0.31	16.14	2.00	33.01	PASS
	1909.8	17.02	-0.31	16.71	2.00	33.01	PASS
EGPRS (8PSK,3-Slot)	1850.2	14.51	-0.31	14.20	2.00	33.01	PASS
	1880.0	14.93	-0.31	14.62	2.00	33.01	PASS
	1909.8	14.86	-0.31	14.55	2.00	33.01	PASS
EGPRS (8PSK,4-Slot)	1850.2	13.17	-0.31	12.86	2.00	33.01	PASS
	1880.0	13.59	-0.31	13.28	2.00	33.01	PASS
	1909.8	13.60	-0.31	13.29	2.00	33.01	PASS



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	21.91	-0.31	21.60	2.00	33.01	PASS
	1880.00	21.97	-0.31	21.66	2.00	33.01	PASS
	1907.60	22.02	-0.31	21.71	2.00	33.01	PASS
HSDPA Subtest 1	1852.40	20.93	-0.31	20.62	2.00	33.01	PASS
	1880.00	20.48	-0.31	20.17	2.00	33.01	PASS
	1907.60	19.07	-0.31	18.76	2.00	33.01	PASS
HSDPA Subtest 2	1852.40	19.36	-0.31	19.05	2.00	33.01	PASS
	1880.00	21.02	-0.31	20.71	2.00	33.01	PASS
	1907.60	20.39	-0.31	20.08	2.00	33.01	PASS
HSDPA Subtest 3	1852.40	19.63	-0.31	19.32	2.00	33.01	PASS
	1880.00	19.54	-0.31	19.23	2.00	33.01	PASS
	1907.60	21.07	-0.31	20.76	2.00	33.01	PASS
HSDPA Subtest 4	1852.40	20.53	-0.31	20.22	2.00	33.01	PASS
	1880.00	19.64	-0.31	19.33	2.00	33.01	PASS
	1907.60	19.37	-0.31	19.06	2.00	33.01	PASS
HSUPA Subtest 1	1852.40	19.58	-0.31	19.27	2.00	33.01	PASS
	1880.00	20.79	-0.31	20.48	2.00	33.01	PASS
	1907.60	19.28	-0.31	18.97	2.00	33.01	PASS
HSUPA Subtest 2	1852.40	20.89	-0.31	20.58	2.00	33.01	PASS
	1880.00	19.37	-0.31	19.06	2.00	33.01	PASS
	1907.60	20.83	-0.31	20.52	2.00	33.01	PASS
HSUPA Subtest 3	1852.40	20.88	-0.31	20.57	2.00	33.01	PASS
	1880.00	19.64	-0.31	19.33	2.00	33.01	PASS
	1907.60	21.02	-0.31	20.71	2.00	33.01	PASS
HSUPA Subtest 4	1852.40	20.36	-0.31	20.05	2.00	33.01	PASS
	1880.00	20.82	-0.31	20.51	2.00	33.01	PASS
	1907.60	21.00	-0.31	20.69	2.00	33.01	PASS
HSUPA Subtest 5	1852.40	19.56	-0.31	19.25	2.00	33.01	PASS
	1880.00	21.05	-0.31	20.74	2.00	33.01	PASS
	1907.60	20.30	-0.31	19.99	2.00	33.01	PASS



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	22.44	-5.36	14.93	7.00	38.45	PASS
	836.40	22.49	-5.36	14.98	7.00	38.45	PASS
	846.60	22.45	-5.36	14.94	7.00	38.45	PASS
HSDPA Subtest 1	826.40	21.40	-5.36	13.89	7.00	38.45	PASS
	836.40	21.02	-5.36	13.51	7.00	38.45	PASS
	846.60	19.73	-5.36	12.22	7.00	38.45	PASS
HSDPA Subtest 2	826.40	19.80	-5.36	12.29	7.00	38.45	PASS
	836.40	21.52	-5.36	14.01	7.00	38.45	PASS
	846.60	21.04	-5.36	13.53	7.00	38.45	PASS
HSDPA Subtest 3	826.40	19.78	-5.36	12.27	7.00	38.45	PASS
	836.40	20.10	-5.36	12.59	7.00	38.45	PASS
	846.60	21.43	-5.36	13.92	7.00	38.45	PASS
HSDPA Subtest 4	826.40	21.06	-5.36	13.55	7.00	38.45	PASS
	836.40	19.99	-5.36	12.48	7.00	38.45	PASS
	846.60	19.78	-5.36	12.27	7.00	38.45	PASS
HSUPA Subtest 1	826.40	21.17	-5.36	13.66	7.00	38.45	PASS
	836.40	21.26	-5.36	13.75	7.00	38.45	PASS
	846.60	20.21	-5.36	12.70	7.00	38.45	PASS
HSUPA Subtest 2	826.40	21.36	-5.36	13.85	7.00	38.45	PASS
	836.40	20.79	-5.36	13.28	7.00	38.45	PASS
	846.60	21.28	-5.36	13.77	7.00	38.45	PASS
HSUPA Subtest 3	826.40	21.31	-5.36	13.80	7.00	38.45	PASS
	836.40	20.14	-5.36	12.63	7.00	38.45	PASS
	846.60	21.46	-5.36	13.95	7.00	38.45	PASS
HSUPA Subtest 4	826.40	20.54	-5.36	13.03	7.00	38.45	PASS
	836.40	21.25	-5.36	13.74	7.00	38.45	PASS
	846.60	21.30	-5.36	13.79	7.00	38.45	PASS
HSUPA Subtest 5	826.40	20.22	-5.36	12.71	7.00	38.45	PASS
	836.40	21.38	-5.36	13.87	7.00	38.45	PASS
	846.60	20.75	-5.36	13.24	7.00	38.45	PASS



EIRP for LTE Band 4 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	21.36	-2.65	18.71	1.00	30.00	PASS
		1	2		21.54	-2.65	18.89	1.00	30.00	PASS
		1	5		21.37	-2.65	18.72	1.00	30.00	PASS
		3	0		21.37	-2.65	18.72	1.00	30.00	PASS
		3	1		21.43	-2.65	18.78	1.00	30.00	PASS
		3	2		21.42	-2.65	18.77	1.00	30.00	PASS
		6	0		20.37	-2.65	17.72	1.00	30.00	PASS
		1	0	16QAM	20.22	-2.65	17.57	1.00	30.00	PASS
		1	2		20.40	-2.65	17.75	1.00	30.00	PASS
		1	5		20.22	-2.65	17.57	1.00	30.00	PASS
		3	0		20.38	-2.65	17.73	1.00	30.00	PASS
		3	1		20.45	-2.65	17.80	1.00	30.00	PASS
		3	2		20.43	-2.65	17.78	1.00	30.00	PASS
		6	0		19.51	-2.65	16.86	1.00	30.00	PASS
	Middle	1	0	QPSK	21.29	-2.65	18.64	1.00	30.00	PASS
		1	2		21.48	-2.65	18.83	1.00	30.00	PASS
		1	5		21.26	-2.65	18.61	1.00	30.00	PASS
		3	0		21.36	-2.65	18.71	1.00	30.00	PASS
		3	1		21.38	-2.65	18.73	1.00	30.00	PASS
		3	2		21.36	-2.65	18.71	1.00	30.00	PASS
		6	0		20.37	-2.65	17.72	1.00	30.00	PASS
		1	0	16QAM	20.35	-2.65	17.70	1.00	30.00	PASS
		1	2		20.53	-2.65	17.88	1.00	30.00	PASS
		1	5		20.32	-2.65	17.67	1.00	30.00	PASS
		3	0		20.44	-2.65	17.79	1.00	30.00	PASS
		3	1		20.43	-2.65	17.78	1.00	30.00	PASS
		3	2		20.40	-2.65	17.75	1.00	30.00	PASS
		6	0		19.52	-2.65	16.87	1.00	30.00	PASS
	Highest	1	0	QPSK	21.49	-2.65	18.84	1.00	30.00	PASS
		1	2		21.66	-2.65	19.01	1.00	30.00	PASS
		1	5		21.47	-2.65	18.82	1.00	30.00	PASS
		3	0		21.53	-2.65	18.88	1.00	30.00	PASS
		3	1		21.55	-2.65	18.90	1.00	30.00	PASS
		3	2		21.54	-2.65	18.89	1.00	30.00	PASS
		6	0		20.57	-2.65	17.92	1.00	30.00	PASS
		1	0	16QAM	20.69	-2.65	18.04	1.00	30.00	PASS
		1	2		20.84	-2.65	18.19	1.00	30.00	PASS
		1	5		20.72	-2.65	18.07	1.00	30.00	PASS
		3	0		20.66	-2.65	18.01	1.00	30.00	PASS
		3	1		20.67	-2.65	18.02	1.00	30.00	PASS
		3	2		21.16	-2.65	18.51	1.00	30.00	PASS
		6	0		19.57	-2.65	16.92	1.00	30.00	PASS



EIRP for LTE Band 4 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	21.36	-2.65	18.71	1.00	30.00	PASS
		1	7		21.68	-2.65	19.03	1.00	30.00	PASS
		1	14		21.29	-2.65	18.64	1.00	30.00	PASS
		8	0		20.33	-2.65	17.68	1.00	30.00	PASS
		8	4		20.37	-2.65	17.72	1.00	30.00	PASS
		8	7		20.35	-2.65	17.70	1.00	30.00	PASS
		15	0		20.30	-2.65	17.65	1.00	30.00	PASS
		1	0	16QAM	20.55	-2.65	17.90	1.00	30.00	PASS
		1	7		21.33	-2.65	18.68	1.00	30.00	PASS
		1	14		20.55	-2.65	17.90	1.00	30.00	PASS
		8	0		19.39	-2.65	16.74	1.00	30.00	PASS
		8	4		19.45	-2.65	16.80	1.00	30.00	PASS
		8	7		19.42	-2.65	16.77	1.00	30.00	PASS
		15	0		19.28	-2.65	16.63	1.00	30.00	PASS
	Middle	1	0	QPSK	21.43	-2.65	18.78	1.00	30.00	PASS
		1	7		21.51	-2.65	18.86	1.00	30.00	PASS
		1	14		21.44	-2.65	18.79	1.00	30.00	PASS
		8	0		20.39	-2.65	17.74	1.00	30.00	PASS
		8	4		20.36	-2.65	17.71	1.00	30.00	PASS
		8	7		20.35	-2.65	17.70	1.00	30.00	PASS
		15	0		20.33	-2.65	17.68	1.00	30.00	PASS
		1	0	16QAM	20.74	-2.65	18.09	1.00	30.00	PASS
		1	7		20.99	-2.65	18.34	1.00	30.00	PASS
		1	14		20.63	-2.65	17.98	1.00	30.00	PASS
		8	0		19.33	-2.65	16.68	1.00	30.00	PASS
		8	4		19.35	-2.65	16.70	1.00	30.00	PASS
		8	7		19.30	-2.65	16.65	1.00	30.00	PASS
		15	0		19.40	-2.65	16.75	1.00	30.00	PASS
	Highest	1	0	QPSK	21.49	-2.65	18.84	1.00	30.00	PASS
		1	7		21.73	-2.65	19.08	1.00	30.00	PASS
		1	14		21.49	-2.65	18.84	1.00	30.00	PASS
		8	0		20.55	-2.65	17.90	1.00	30.00	PASS
		8	4		20.58	-2.65	17.93	1.00	30.00	PASS
		8	7		20.52	-2.65	17.87	1.00	30.00	PASS
		15	0		20.51	-2.65	17.86	1.00	30.00	PASS
		1	0	16QAM	20.64	-2.65	17.99	1.00	30.00	PASS
		1	7		21.04	-2.65	18.39	1.00	30.00	PASS
		1	14		20.70	-2.65	18.05	1.00	30.00	PASS
		8	0		19.57	-2.65	16.92	1.00	30.00	PASS
		8	4		19.58	-2.65	16.93	1.00	30.00	PASS
		8	7		19.56	-2.65	16.91	1.00	30.00	PASS
		15	0		19.37	-2.65	16.72	1.00	30.00	PASS



EIRP for LTE Band 4 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	21.36	-2.65	18.71	1.00	30.00	PASS
		1	12		21.86	-2.65	19.21	1.00	30.00	PASS
		1	24		21.40	-2.65	18.75	1.00	30.00	PASS
		12	0		20.33	-2.65	17.68	1.00	30.00	PASS
		12	6		20.36	-2.65	17.71	1.00	30.00	PASS
		12	11		20.36	-2.65	17.71	1.00	30.00	PASS
		25	0		20.30	-2.65	17.65	1.00	30.00	PASS
		1	0	16QAM	20.43	-2.65	17.78	1.00	30.00	PASS
		1	12		20.78	-2.65	18.13	1.00	30.00	PASS
		1	24		20.45	-2.65	17.80	1.00	30.00	PASS
		12	0		19.44	-2.65	16.79	1.00	30.00	PASS
		12	6		19.52	-2.65	16.87	1.00	30.00	PASS
		12	11		19.46	-2.65	16.81	1.00	30.00	PASS
		25	0		19.38	-2.65	16.73	1.00	30.00	PASS
	Middle	1	0	QPSK	21.35	-2.65	18.70	1.00	30.00	PASS
		1	12		21.62	-2.65	18.97	1.00	30.00	PASS
		1	24		21.27	-2.65	18.62	1.00	30.00	PASS
		12	0		20.36	-2.65	17.71	1.00	30.00	PASS
		12	6		20.37	-2.65	17.72	1.00	30.00	PASS
		12	11		20.36	-2.65	17.71	1.00	30.00	PASS
		25	0		20.37	-2.65	17.72	1.00	30.00	PASS
		1	0	16QAM	20.68	-2.65	18.03	1.00	30.00	PASS
		1	12		20.99	-2.65	18.34	1.00	30.00	PASS
		1	24		20.61	-2.65	17.96	1.00	30.00	PASS
		12	0		19.35	-2.65	16.70	1.00	30.00	PASS
		12	6		19.41	-2.65	16.76	1.00	30.00	PASS
		12	11		19.34	-2.65	16.69	1.00	30.00	PASS
		25	0		19.39	-2.65	16.74	1.00	30.00	PASS
	Highest	1	0	QPSK	21.41	-2.65	18.76	1.00	30.00	PASS
		1	12		21.81	-2.65	19.16	1.00	30.00	PASS
		1	24		21.45	-2.65	18.80	1.00	30.00	PASS
		12	0		20.48	-2.65	17.83	1.00	30.00	PASS
		12	6		20.56	-2.65	17.91	1.00	30.00	PASS
		12	11		20.45	-2.65	17.80	1.00	30.00	PASS
		25	0		20.51	-2.65	17.86	1.00	30.00	PASS
		1	0	16QAM	20.48	-2.65	17.83	1.00	30.00	PASS
		1	12		20.94	-2.65	18.29	1.00	30.00	PASS
		1	24		20.55	-2.65	17.90	1.00	30.00	PASS
		12	0		19.51	-2.65	16.86	1.00	30.00	PASS
		12	6		19.64	-2.65	16.99	1.00	30.00	PASS
		12	11		19.53	-2.65	16.88	1.00	30.00	PASS
		25	0		19.42	-2.65	16.77	1.00	30.00	PASS



EIRP for LTE Band 4 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	21.29	-2.65	18.64	1.00	30.00	PASS
		1	24		21.36	-2.65	18.71	1.00	30.00	PASS
		1	49		21.43	-2.65	18.78	1.00	30.00	PASS
		25	0		21.18	-2.65	18.53	1.00	30.00	PASS
		25	12		20.43	-2.65	17.78	1.00	30.00	PASS
		25	24		20.42	-2.65	17.77	1.00	30.00	PASS
		50	0		20.38	-2.65	17.73	1.00	30.00	PASS
		1	0	16QAM	20.42	-2.65	17.77	1.00	30.00	PASS
		1	24		20.54	-2.65	17.89	1.00	30.00	PASS
		1	49		20.52	-2.65	17.87	1.00	30.00	PASS
		25	0		19.46	-2.65	16.81	1.00	30.00	PASS
		25	12		19.48	-2.65	16.83	1.00	30.00	PASS
		25	24		19.47	-2.65	16.82	1.00	30.00	PASS
		50	0		19.45	-2.65	16.80	1.00	30.00	PASS
	Middle	1	0	QPSK	21.47	-2.65	18.82	1.00	30.00	PASS
		1	24		21.55	-2.65	18.90	1.00	30.00	PASS
		1	49		21.34	-2.65	18.69	1.00	30.00	PASS
		25	0		20.49	-2.65	17.84	1.00	30.00	PASS
		25	12		20.36	-2.65	17.71	1.00	30.00	PASS
		25	24		20.42	-2.65	17.77	1.00	30.00	PASS
		50	0		20.16	-2.65	17.51	1.00	30.00	PASS
		1	0	16QAM	20.05	-2.65	17.40	1.00	30.00	PASS
		1	24		20.22	-2.65	17.57	1.00	30.00	PASS
		1	49		20.60	-2.65	17.95	1.00	30.00	PASS
		25	0		19.41	-2.65	16.76	1.00	30.00	PASS
		25	12		19.41	-2.65	16.76	1.00	30.00	PASS
		25	24		19.38	-2.65	16.73	1.00	30.00	PASS
		50	0		19.39	-2.65	16.74	1.00	30.00	PASS
	Highest	1	0	QPSK	21.39	-2.65	18.74	1.00	30.00	PASS
		1	24		21.29	-2.65	18.64	1.00	30.00	PASS
		1	49		21.53	-2.65	18.88	1.00	30.00	PASS
		25	0		20.38	-2.65	17.73	1.00	30.00	PASS
		25	12		20.50	-2.65	17.85	1.00	30.00	PASS
		25	24		20.47	-2.65	17.82	1.00	30.00	PASS
		50	0		20.44	-2.65	17.79	1.00	30.00	PASS
		1	0	16QAM	20.60	-2.65	17.95	1.00	30.00	PASS
		1	24		20.80	-2.65	18.15	1.00	30.00	PASS
		1	49		20.73	-2.65	18.08	1.00	30.00	PASS
		25	0		19.37	-2.65	16.72	1.00	30.00	PASS
		25	12		19.45	-2.65	16.80	1.00	30.00	PASS
		25	24		19.44	-2.65	16.79	1.00	30.00	PASS
		50	0		19.42	-2.65	16.77	1.00	30.00	PASS



EIRP for LTE Band 4 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	21.35	-2.65	18.70	1.00	30.00	PASS
		1	37		21.76	-2.65	19.11	1.00	30.00	PASS
		1	74		21.43	-2.65	18.78	1.00	30.00	PASS
		36	0		20.41	-2.65	17.76	1.00	30.00	PASS
		36	18		20.48	-2.65	17.83	1.00	30.00	PASS
		36	39		20.53	-2.65	17.88	1.00	30.00	PASS
		75	0		20.47	-2.65	17.82	1.00	30.00	PASS
		1	0	16QAM	20.28	-2.65	17.63	1.00	30.00	PASS
		1	37		20.76	-2.65	18.11	1.00	30.00	PASS
		1	74		20.41	-2.65	17.76	1.00	30.00	PASS
		36	0		19.38	-2.65	16.73	1.00	30.00	PASS
		36	18		19.43	-2.65	16.78	1.00	30.00	PASS
		36	39		19.41	-2.65	16.76	1.00	30.00	PASS
		75	0		19.49	-2.65	16.84	1.00	30.00	PASS
	Middle	1	0	QPSK	21.33	-2.65	18.68	1.00	30.00	PASS
		1	37		21.74	-2.65	19.09	1.00	30.00	PASS
		1	74		21.22	-2.65	18.57	1.00	30.00	PASS
		36	0		20.46	-2.65	17.81	1.00	30.00	PASS
		36	18		20.43	-2.65	17.78	1.00	30.00	PASS
		36	39		20.38	-2.65	17.73	1.00	30.00	PASS
		75	0		20.39	-2.65	17.74	1.00	30.00	PASS
		1	0	16QAM	20.57	-2.65	17.92	1.00	30.00	PASS
		1	37		20.85	-2.65	18.20	1.00	30.00	PASS
		1	74		20.39	-2.65	17.74	1.00	30.00	PASS
		36	0		19.39	-2.65	16.74	1.00	30.00	PASS
		36	18		19.36	-2.65	16.71	1.00	30.00	PASS
		36	39		19.40	-2.65	16.75	1.00	30.00	PASS
		75	0		19.38	-2.65	16.73	1.00	30.00	PASS
	Highest	1	0	QPSK	21.18	-2.65	18.53	1.00	30.00	PASS
		1	37		21.63	-2.65	18.98	1.00	30.00	PASS
		1	74		21.34	-2.65	18.69	1.00	30.00	PASS
		36	0		20.39	-2.65	17.74	1.00	30.00	PASS
		36	18		20.49	-2.65	17.84	1.00	30.00	PASS
		36	39		20.51	-2.65	17.86	1.00	30.00	PASS
		75	0		20.44	-2.65	17.79	1.00	30.00	PASS
		1	0	16QAM	20.23	-2.65	17.58	1.00	30.00	PASS
		1	37		20.70	-2.65	18.05	1.00	30.00	PASS
		1	74		20.37	-2.65	17.72	1.00	30.00	PASS
		36	0		19.36	-2.65	16.71	1.00	30.00	PASS
		36	18		19.43	-2.65	16.78	1.00	30.00	PASS
		36	39		19.48	-2.65	16.83	1.00	30.00	PASS
		75	0		19.41	-2.65	16.76	1.00	30.00	PASS



EIRP for LTE Band 4 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	21.08	-2.65	18.43	1.00	30.00	PASS
		1	49		21.58	-2.65	18.93	1.00	30.00	PASS
		1	99		21.19	-2.65	18.54	1.00	30.00	PASS
		50	0		20.44	-2.65	17.79	1.00	30.00	PASS
		50	24		20.51	-2.65	17.86	1.00	30.00	PASS
		50	49		20.50	-2.65	17.85	1.00	30.00	PASS
		100	0		20.49	-2.65	17.84	1.00	30.00	PASS
		1	0	16QAM	20.24	-2.65	17.59	1.00	30.00	PASS
		1	49		20.66	-2.65	18.01	1.00	30.00	PASS
		1	99		20.37	-2.65	17.72	1.00	30.00	PASS
		50	0		19.47	-2.65	16.82	1.00	30.00	PASS
		50	24		19.51	-2.65	16.86	1.00	30.00	PASS
		50	49		19.50	-2.65	16.85	1.00	30.00	PASS
		100	0		19.44	-2.65	16.79	1.00	30.00	PASS
	Middle	1	0	QPSK	21.21	-2.65	18.56	1.00	30.00	PASS
		1	49		21.47	-2.65	18.82	1.00	30.00	PASS
		1	99		21.12	-2.65	18.47	1.00	30.00	PASS
		50	0		20.45	-2.65	17.80	1.00	30.00	PASS
		50	24		20.39	-2.65	17.74	1.00	30.00	PASS
		50	49		20.41	-2.65	17.76	1.00	30.00	PASS
		100	0		20.49	-2.65	17.84	1.00	30.00	PASS
		1	0	16QAM	20.23	-2.65	17.58	1.00	30.00	PASS
		1	49		20.52	-2.65	17.87	1.00	30.00	PASS
		1	99		20.15	-2.65	17.50	1.00	30.00	PASS
		50	0		19.48	-2.65	16.83	1.00	30.00	PASS
		50	24		19.39	-2.65	16.74	1.00	30.00	PASS
		50	49		19.43	-2.65	16.78	1.00	30.00	PASS
		100	0		19.45	-2.65	16.80	1.00	30.00	PASS
	Highest	1	0	QPSK	21.05	-2.65	18.40	1.00	30.00	PASS
		1	49		21.50	-2.65	18.85	1.00	30.00	PASS
		1	99		21.31	-2.65	18.66	1.00	30.00	PASS
		50	0		20.25	-2.65	17.60	1.00	30.00	PASS
		50	24		20.38	-2.65	17.73	1.00	30.00	PASS
		50	49		20.43	-2.65	17.78	1.00	30.00	PASS
		100	0		20.36	-2.65	17.71	1.00	30.00	PASS
		1	0	16QAM	20.10	-2.65	17.45	1.00	30.00	PASS
		1	49		20.54	-2.65	17.89	1.00	30.00	PASS
		1	99		20.28	-2.65	17.63	1.00	30.00	PASS
		50	0		19.26	-2.65	16.61	1.00	30.00	PASS
		50	24		19.40	-2.65	16.75	1.00	30.00	PASS
		50	49		19.45	-2.65	16.80	1.00	30.00	PASS
		100	0		19.32	-2.65	16.67	1.00	30.00	PASS



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	20.32	-5.36	12.81	7.00	38.45	PASS
		1	2		20.45	-5.36	12.94	7.00	38.45	PASS
		1	5		20.22	-5.36	12.71	7.00	38.45	PASS
		3	0		20.36	-5.36	12.85	7.00	38.45	PASS
		3	1		20.35	-5.36	12.84	7.00	38.45	PASS
		3	2		20.31	-5.36	12.80	7.00	38.45	PASS
		6	0		19.30	-5.36	11.79	7.00	38.45	PASS
		1	0	16QAM	19.65	-5.36	12.14	7.00	38.45	PASS
		1	2		19.80	-5.36	12.29	7.00	38.45	PASS
		1	5		19.65	-5.36	12.14	7.00	38.45	PASS
		3	0		19.56	-5.36	12.05	7.00	38.45	PASS
		3	1		19.56	-5.36	12.05	7.00	38.45	PASS
		3	2		19.59	-5.36	12.08	7.00	38.45	PASS
		6	0		18.43	-5.36	10.92	7.00	38.45	PASS
	Middle	1	0	QPSK	20.12	-5.36	12.61	7.00	38.45	PASS
		1	2		20.30	-5.36	12.79	7.00	38.45	PASS
		1	5		20.17	-5.36	12.66	7.00	38.45	PASS
		3	0		20.15	-5.36	12.64	7.00	38.45	PASS
		3	1		20.15	-5.36	12.64	7.00	38.45	PASS
		3	2		20.19	-5.36	12.68	7.00	38.45	PASS
		6	0		19.12	-5.36	11.61	7.00	38.45	PASS
		1	0	16QAM	19.02	-5.36	11.51	7.00	38.45	PASS
		1	2		19.18	-5.36	11.67	7.00	38.45	PASS
		1	5		19.05	-5.36	11.54	7.00	38.45	PASS
		3	0		19.18	-5.36	11.67	7.00	38.45	PASS
		3	1		19.21	-5.36	11.70	7.00	38.45	PASS
		3	2		19.26	-5.36	11.75	7.00	38.45	PASS
		6	0		18.27	-5.36	10.76	7.00	38.45	PASS
	Highest	1	0	QPSK	19.92	-5.36	12.41	7.00	38.45	PASS
		1	2		20.11	-5.36	12.60	7.00	38.45	PASS
		1	5		19.90	-5.36	12.39	7.00	38.45	PASS
		3	0		20.07	-5.36	12.56	7.00	38.45	PASS
		3	1		20.07	-5.36	12.56	7.00	38.45	PASS
		3	2		20.05	-5.36	12.54	7.00	38.45	PASS
		6	0		18.99	-5.36	11.48	7.00	38.45	PASS
		1	0	16QAM	19.01	-5.36	11.50	7.00	38.45	PASS
		1	2		19.19	-5.36	11.68	7.00	38.45	PASS
		1	5		19.05	-5.36	11.54	7.00	38.45	PASS
		3	0		19.13	-5.36	11.62	7.00	38.45	PASS
		3	1		19.15	-5.36	11.64	7.00	38.45	PASS
		3	2		19.10	-5.36	11.59	7.00	38.45	PASS
		6	0		18.20	-5.36	10.69	7.00	38.45	PASS



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	20.33	-5.36	12.82	7.00	38.45	PASS
		1	7		20.69	-5.36	13.18	7.00	38.45	PASS
		1	14		20.36	-5.36	12.85	7.00	38.45	PASS
		8	0		19.31	-5.36	11.80	7.00	38.45	PASS
		8	4		19.35	-5.36	11.84	7.00	38.45	PASS
		8	7		19.28	-5.36	11.77	7.00	38.45	PASS
		15	0		19.27	-5.36	11.76	7.00	38.45	PASS
		1	0	16QAM	19.72	-5.36	12.21	7.00	38.45	PASS
		1	7		19.97	-5.36	12.46	7.00	38.45	PASS
		1	14		19.65	-5.36	12.14	7.00	38.45	PASS
		8	0		18.25	-5.36	10.74	7.00	38.45	PASS
		8	4		18.29	-5.36	10.78	7.00	38.45	PASS
		8	7		18.23	-5.36	10.72	7.00	38.45	PASS
		15	0		18.35	-5.36	10.84	7.00	38.45	PASS
	Middle	1	0	QPSK	20.04	-5.36	12.53	7.00	38.45	PASS
		1	7		20.36	-5.36	12.85	7.00	38.45	PASS
		1	14		20.09	-5.36	12.58	7.00	38.45	PASS
		8	0		19.04	-5.36	11.53	7.00	38.45	PASS
		8	4		19.12	-5.36	11.61	7.00	38.45	PASS
		8	7		19.09	-5.36	11.58	7.00	38.45	PASS
		15	0		19.06	-5.36	11.55	7.00	38.45	PASS
		1	0	16QAM	19.30	-5.36	11.79	7.00	38.45	PASS
		1	7		19.56	-5.36	12.05	7.00	38.45	PASS
		1	14		19.46	-5.36	11.95	7.00	38.45	PASS
		8	0		18.11	-5.36	10.60	7.00	38.45	PASS
		8	4		18.17	-5.36	10.66	7.00	38.45	PASS
		8	7		18.17	-5.36	10.66	7.00	38.45	PASS
		15	0		17.99	-5.36	10.48	7.00	38.45	PASS
	Highest	1	0	QPSK	20.08	-5.36	12.57	7.00	38.45	PASS
		1	7		20.30	-5.36	12.79	7.00	38.45	PASS
		1	14		19.96	-5.36	12.45	7.00	38.45	PASS
		8	0		19.05	-5.36	11.54	7.00	38.45	PASS
		8	4		19.05	-5.36	11.54	7.00	38.45	PASS
		8	7		18.98	-5.36	11.47	7.00	38.45	PASS
		15	0		18.98	-5.36	11.47	7.00	38.45	PASS
		1	0	16QAM	19.11	-5.36	11.60	7.00	38.45	PASS
		1	7		19.40	-5.36	11.89	7.00	38.45	PASS
		1	14		19.09	-5.36	11.58	7.00	38.45	PASS
		8	0		18.09	-5.36	10.58	7.00	38.45	PASS
		8	4		18.09	-5.36	10.58	7.00	38.45	PASS
		8	7		18.03	-5.36	10.52	7.00	38.45	PASS
		15	0		17.90	-5.36	10.39	7.00	38.45	PASS



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	20.16	-5.36	12.65	7.00	38.45	PASS
		1	12		20.53	-5.36	13.02	7.00	38.45	PASS
		1	24		20.11	-5.36	12.60	7.00	38.45	PASS
		12	0		19.30	-5.36	11.79	7.00	38.45	PASS
		12	6		19.31	-5.36	11.80	7.00	38.45	PASS
		12	11		19.29	-5.36	11.78	7.00	38.45	PASS
		25	0		19.28	-5.36	11.77	7.00	38.45	PASS
		1	0	16QAM	19.47	-5.36	11.96	7.00	38.45	PASS
		1	12		19.81	-5.36	12.30	7.00	38.45	PASS
		1	24		19.38	-5.36	11.87	7.00	38.45	PASS
		12	0		18.36	-5.36	10.85	7.00	38.45	PASS
		12	6		18.42	-5.36	10.91	7.00	38.45	PASS
		12	11		18.43	-5.36	10.92	7.00	38.45	PASS
		25	0		18.26	-5.36	10.75	7.00	38.45	PASS
	Middle	1	0	QPSK	20.13	-5.36	12.62	7.00	38.45	PASS
		1	12		20.52	-5.36	13.01	7.00	38.45	PASS
		1	24		20.22	-5.36	12.71	7.00	38.45	PASS
		12	0		19.04	-5.36	11.53	7.00	38.45	PASS
		12	6		19.13	-5.36	11.62	7.00	38.45	PASS
		12	11		19.09	-5.36	11.58	7.00	38.45	PASS
		25	0		19.13	-5.36	11.62	7.00	38.45	PASS
		1	0	16QAM	19.13	-5.36	11.62	7.00	38.45	PASS
		1	12		19.49	-5.36	11.98	7.00	38.45	PASS
		1	24		19.29	-5.36	11.78	7.00	38.45	PASS
		12	0		18.16	-5.36	10.65	7.00	38.45	PASS
		12	6		18.27	-5.36	10.76	7.00	38.45	PASS
		12	11		18.19	-5.36	10.68	7.00	38.45	PASS
		25	0		18.15	-5.36	10.64	7.00	38.45	PASS
	Highest	1	0	QPSK	20.10	-5.36	12.59	7.00	38.45	PASS
		1	12		20.41	-5.36	12.90	7.00	38.45	PASS
		1	24		19.97	-5.36	12.46	7.00	38.45	PASS
		12	0		19.04	-5.36	11.53	7.00	38.45	PASS
		12	6		19.10	-5.36	11.59	7.00	38.45	PASS
		12	11		18.98	-5.36	11.47	7.00	38.45	PASS
		25	0		18.99	-5.36	11.48	7.00	38.45	PASS
		1	0	16QAM	19.39	-5.36	11.88	7.00	38.45	PASS
		1	12		19.80	-5.36	12.29	7.00	38.45	PASS
		1	24		19.31	-5.36	11.80	7.00	38.45	PASS
		12	0		18.01	-5.36	10.50	7.00	38.45	PASS
		12	6		18.06	-5.36	10.55	7.00	38.45	PASS
		12	11		17.96	-5.36	10.45	7.00	38.45	PASS
		25	0		18.06	-5.36	10.55	7.00	38.45	PASS



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	20.23	-5.36	12.72	7.00	38.45	PASS
		1	24		20.27	-5.36	12.76	7.00	38.45	PASS
		1	49		20.07	-5.36	12.56	7.00	38.45	PASS
		25	0		19.26	-5.36	11.75	7.00	38.45	PASS
		25	12		19.23	-5.36	11.72	7.00	38.45	PASS
		25	24		19.25	-5.36	11.74	7.00	38.45	PASS
		50	0		19.21	-5.36	11.70	7.00	38.45	PASS
		1	0	16QAM	19.58	-5.36	12.07	7.00	38.45	PASS
		1	24		19.59	-5.36	12.08	7.00	38.45	PASS
		1	49		19.35	-5.36	11.84	7.00	38.45	PASS
		25	0		18.36	-5.36	10.85	7.00	38.45	PASS
		25	12		18.30	-5.36	10.79	7.00	38.45	PASS
		25	24		18.32	-5.36	10.81	7.00	38.45	PASS
		50	0		18.21	-5.36	10.70	7.00	38.45	PASS
	Middle	1	0	QPSK	20.08	-5.36	12.57	7.00	38.45	PASS
		1	24		20.20	-5.36	12.69	7.00	38.45	PASS
		1	49		20.36	-5.36	12.85	7.00	38.45	PASS
		25	0		19.20	-5.36	11.69	7.00	38.45	PASS
		25	12		19.16	-5.36	11.65	7.00	38.45	PASS
		25	24		19.24	-5.36	11.73	7.00	38.45	PASS
		50	0		19.25	-5.36	11.74	7.00	38.45	PASS
		1	0	16QAM	19.20	-5.36	11.69	7.00	38.45	PASS
		1	24		19.28	-5.36	11.77	7.00	38.45	PASS
		1	49		19.46	-5.36	11.95	7.00	38.45	PASS
		25	0		18.25	-5.36	10.74	7.00	38.45	PASS
		25	12		18.21	-5.36	10.70	7.00	38.45	PASS
		25	24		18.31	-5.36	10.80	7.00	38.45	PASS
		50	0		18.26	-5.36	10.75	7.00	38.45	PASS
	Highest	1	0	QPSK	20.30	-5.36	12.79	7.00	38.45	PASS
		1	24		20.30	-5.36	12.79	7.00	38.45	PASS
		1	49		20.09	-5.36	12.58	7.00	38.45	PASS
		25	0		19.35	-5.36	11.84	7.00	38.45	PASS
		25	12		19.20	-5.36	11.69	7.00	38.45	PASS
		25	24		19.10	-5.36	11.59	7.00	38.45	PASS
		50	0		19.22	-5.36	11.71	7.00	38.45	PASS
		1	0	16QAM	19.68	-5.36	12.17	7.00	38.45	PASS
		1	24		19.66	-5.36	12.15	7.00	38.45	PASS
		1	49		19.35	-5.36	11.84	7.00	38.45	PASS
		25	0		18.38	-5.36	10.87	7.00	38.45	PASS
		25	12		18.20	-5.36	10.69	7.00	38.45	PASS
		25	24		18.14	-5.36	10.63	7.00	38.45	PASS
		50	0		18.25	-5.36	10.74	7.00	38.45	PASS



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	20.55	-3.58	16.97	2.00	33.01	PASS
		1	12		20.93	-3.58	17.35	2.00	33.01	PASS
		1	24		20.57	-3.58	16.99	2.00	33.01	PASS
		12	0		19.64	-3.58	16.06	2.00	33.01	PASS
		12	6		19.71	-3.58	16.13	2.00	33.01	PASS
		12	11		19.57	-3.58	15.99	2.00	33.01	PASS
		25	0		19.74	-3.58	16.16	2.00	33.01	PASS
		1	0	16QAM	19.79	-3.58	16.21	2.00	33.01	PASS
		1	12		20.16	-3.58	16.58	2.00	33.01	PASS
		1	24		19.84	-3.58	16.26	2.00	33.01	PASS
		12	0		18.57	-3.58	14.99	2.00	33.01	PASS
		12	6		18.63	-3.58	15.05	2.00	33.01	PASS
		12	11		18.53	-3.58	14.95	2.00	33.01	PASS
		25	0		18.72	-3.58	15.14	2.00	33.01	PASS
	Middle	1	0	QPSK	21.11	-3.58	17.53	2.00	33.01	PASS
		1	12		21.50	-3.58	17.92	2.00	33.01	PASS
		1	24		21.10	-3.58	17.52	2.00	33.01	PASS
		12	0		20.17	-3.58	16.59	2.00	33.01	PASS
		12	6		20.26	-3.58	16.68	2.00	33.01	PASS
		12	11		20.27	-3.58	16.69	2.00	33.01	PASS
		25	0		20.29	-3.58	16.71	2.00	33.01	PASS
		1	0	16QAM	20.16	-3.58	16.58	2.00	33.01	PASS
		1	12		20.61	-3.58	17.03	2.00	33.01	PASS
		1	24		20.27	-3.58	16.69	2.00	33.01	PASS
		12	0		19.20	-3.58	15.62	2.00	33.01	PASS
		12	6		19.16	-3.58	15.58	2.00	33.01	PASS
		12	11		19.20	-3.58	15.62	2.00	33.01	PASS
		25	0		19.13	-3.58	15.55	2.00	33.01	PASS
	Highest	1	0	QPSK	21.04	-3.58	17.46	2.00	33.01	PASS
		1	12		21.16	-3.58	17.58	2.00	33.01	PASS
		1	24		21.03	-3.58	17.45	2.00	33.01	PASS
		12	0		19.95	-3.58	16.37	2.00	33.01	PASS
		12	6		20.04	-3.58	16.46	2.00	33.01	PASS
		12	11		20.07	-3.58	16.49	2.00	33.01	PASS
		25	0		20.08	-3.58	16.50	2.00	33.01	PASS
		1	0	16QAM	19.99	-3.58	16.41	2.00	33.01	PASS
		1	12		20.53	-3.58	16.95	2.00	33.01	PASS
		1	24		20.09	-3.58	16.51	2.00	33.01	PASS
		12	0		18.98	-3.58	15.40	2.00	33.01	PASS
		12	6		19.12	-3.58	15.54	2.00	33.01	PASS
		12	11		19.15	-3.58	15.57	2.00	33.01	PASS
		25	0		19.05	-3.58	15.47	2.00	33.01	PASS



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	20.63	-3.58	17.05	2.00	33.01	PASS
		1	24		20.63	-3.58	17.05	2.00	33.01	PASS
		1	49		20.33	-3.58	16.75	2.00	33.01	PASS
		25	0		19.31	-3.58	15.73	2.00	33.01	PASS
		25	12		19.24	-3.58	15.66	2.00	33.01	PASS
		25	24		19.23	-3.58	15.65	2.00	33.01	PASS
		50	0		19.26	-3.58	15.68	2.00	33.01	PASS
		1	0	16QAM	19.06	-3.58	15.48	2.00	33.01	PASS
		1	24		19.19	-3.58	15.61	2.00	33.01	PASS
		1	49		19.12	-3.58	15.54	2.00	33.01	PASS
		25	0		18.26	-3.58	14.68	2.00	33.01	PASS
		25	12		18.13	-3.58	14.55	2.00	33.01	PASS
		25	24		18.13	-3.58	14.55	2.00	33.01	PASS
		50	0		18.31	-3.58	14.73	2.00	33.01	PASS
	Middle	1	0	QPSK	20.73	-3.58	17.15	2.00	33.01	PASS
		1	24		20.87	-3.58	17.29	2.00	33.01	PASS
		1	49		20.73	-3.58	17.15	2.00	33.01	PASS
		25	0		19.67	-3.58	16.09	2.00	33.01	PASS
		25	12		19.72	-3.58	16.14	2.00	33.01	PASS
		25	24		19.82	-3.58	16.24	2.00	33.01	PASS
		50	0		19.82	-3.58	16.24	2.00	33.01	PASS
		1	0	16QAM	19.96	-3.58	16.38	2.00	33.01	PASS
		1	24		20.07	-3.58	16.49	2.00	33.01	PASS
		1	49		19.99	-3.58	16.41	2.00	33.01	PASS
		25	0		18.66	-3.58	15.08	2.00	33.01	PASS
		25	12		18.68	-3.58	15.10	2.00	33.01	PASS
		25	24		18.78	-3.58	15.20	2.00	33.01	PASS
		50	0		18.82	-3.58	15.24	2.00	33.01	PASS
	Highest	1	0	QPSK	20.93	-3.58	17.35	2.00	33.01	PASS
		1	24		21.10	-3.58	17.52	2.00	33.01	PASS
		1	49		21.09	-3.58	17.51	2.00	33.01	PASS
		25	0		20.00	-3.58	16.42	2.00	33.01	PASS
		25	12		20.02	-3.58	16.44	2.00	33.01	PASS
		25	24		20.29	-3.58	16.71	2.00	33.01	PASS
		50	0		20.12	-3.58	16.54	2.00	33.01	PASS
		1	0	16QAM	20.11	-3.58	16.53	2.00	33.01	PASS
		1	24		20.27	-3.58	16.69	2.00	33.01	PASS
		1	49		20.23	-3.58	16.65	2.00	33.01	PASS
		25	0		19.02	-3.58	15.44	2.00	33.01	PASS
		25	12		19.08	-3.58	15.50	2.00	33.01	PASS
		25	24		19.30	-3.58	15.72	2.00	33.01	PASS
		50	0		19.11	-3.58	15.53	2.00	33.01	PASS



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	20.56	-3.58	16.98	2.00	33.01	PASS
		1	37		20.80	-3.58	17.22	2.00	33.01	PASS
		1	74		20.62	-3.58	17.04	2.00	33.01	PASS
		36	0		19.88	-3.58	16.30	2.00	33.01	PASS
		36	18		19.82	-3.58	16.24	2.00	33.01	PASS
		36	39		19.86	-3.58	16.28	2.00	33.01	PASS
		75	0		19.98	-3.58	16.40	2.00	33.01	PASS
		1	0	16QAM	19.44	-3.58	15.86	2.00	33.01	PASS
		1	37		19.78	-3.58	16.20	2.00	33.01	PASS
		1	74		19.57	-3.58	15.99	2.00	33.01	PASS
		36	0		18.74	-3.58	15.16	2.00	33.01	PASS
		36	18		18.74	-3.58	15.16	2.00	33.01	PASS
		36	39		18.70	-3.58	15.12	2.00	33.01	PASS
		75	0		18.81	-3.58	15.23	2.00	33.01	PASS
	Middle	1	0	QPSK	21.18	-3.58	17.60	2.00	33.01	PASS
		1	37		21.51	-3.58	17.93	2.00	33.01	PASS
		1	74		21.25	-3.58	17.67	2.00	33.01	PASS
		36	0		20.21	-3.58	16.63	2.00	33.01	PASS
		36	18		20.33	-3.58	16.75	2.00	33.01	PASS
		36	39		20.39	-3.58	16.81	2.00	33.01	PASS
		75	0		20.43	-3.58	16.85	2.00	33.01	PASS
		1	0	16QAM	19.91	-3.58	16.33	2.00	33.01	PASS
		1	37		20.48	-3.58	16.90	2.00	33.01	PASS
		1	74		20.10	-3.58	16.52	2.00	33.01	PASS
		36	0		18.98	-3.58	15.40	2.00	33.01	PASS
		36	18		19.11	-3.58	15.53	2.00	33.01	PASS
		36	39		19.12	-3.58	15.54	2.00	33.01	PASS
		75	0		19.12	-3.58	15.54	2.00	33.01	PASS
	Highest	1	0	QPSK	21.00	-3.58	17.42	2.00	33.01	PASS
		1	37		21.42	-3.58	17.84	2.00	33.01	PASS
		1	74		21.02	-3.58	17.44	2.00	33.01	PASS
		36	0		20.13	-3.58	16.55	2.00	33.01	PASS
		36	18		20.15	-3.58	16.57	2.00	33.01	PASS
		36	39		20.25	-3.58	16.67	2.00	33.01	PASS
		75	0		20.23	-3.58	16.65	2.00	33.01	PASS
		1	0	16QAM	19.97	-3.58	16.39	2.00	33.01	PASS
		1	37		20.23	-3.58	16.65	2.00	33.01	PASS
		1	74		20.14	-3.58	16.56	2.00	33.01	PASS
		36	0		18.99	-3.58	15.41	2.00	33.01	PASS
		36	18		19.03	-3.58	15.45	2.00	33.01	PASS
		36	39		19.16	-3.58	15.58	2.00	33.01	PASS
		75	0		19.15	-3.58	15.57	2.00	33.01	PASS



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	20.06	-3.58	16.48	2.00	33.01	PASS
		1	49		20.19	-3.58	16.61	2.00	33.01	PASS
		1	99		20.06	-3.58	16.48	2.00	33.01	PASS
		50	0		19.27	-3.58	15.69	2.00	33.01	PASS
		50	24		19.19	-3.58	15.61	2.00	33.01	PASS
		50	49		19.20	-3.58	15.62	2.00	33.01	PASS
		100	0		19.28	-3.58	15.70	2.00	33.01	PASS
		1	0	16QAM	18.81	-3.58	15.23	2.00	33.01	PASS
		1	49		19.14	-3.58	15.56	2.00	33.01	PASS
		1	99		19.04	-3.58	15.46	2.00	33.01	PASS
		50	0		18.25	-3.58	14.67	2.00	33.01	PASS
		50	24		18.12	-3.58	14.54	2.00	33.01	PASS
		50	49		18.19	-3.58	14.61	2.00	33.01	PASS
		100	0		18.26	-3.58	14.68	2.00	33.01	PASS
	Middle	1	0	QPSK	20.47	-3.58	16.89	2.00	33.01	PASS
		1	49		20.83	-3.58	17.25	2.00	33.01	PASS
		1	99		20.62	-3.58	17.04	2.00	33.01	PASS
		50	0		19.45	-3.58	15.87	2.00	33.01	PASS
		50	24		19.74	-3.58	16.16	2.00	33.01	PASS
		50	49		19.74	-3.58	16.16	2.00	33.01	PASS
		100	0		19.71	-3.58	16.13	2.00	33.01	PASS
		1	0	16QAM	19.44	-3.58	15.86	2.00	33.01	PASS
		1	49		19.82	-3.58	16.24	2.00	33.01	PASS
		1	99		19.60	-3.58	16.02	2.00	33.01	PASS
		50	0		18.47	-3.58	14.89	2.00	33.01	PASS
		50	24		18.77	-3.58	15.19	2.00	33.01	PASS
		50	49		18.74	-3.58	15.16	2.00	33.01	PASS
		100	0		18.70	-3.58	15.12	2.00	33.01	PASS
	Highest	1	0	QPSK	20.58	-3.58	17.00	2.00	33.01	PASS
		1	49		21.15	-3.58	17.57	2.00	33.01	PASS
		1	99		20.87	-3.58	17.29	2.00	33.01	PASS
		50	0		19.98	-3.58	16.40	2.00	33.01	PASS
		50	24		20.07	-3.58	16.49	2.00	33.01	PASS
		50	49		20.20	-3.58	16.62	2.00	33.01	PASS
		100	0		20.12	-3.58	16.54	2.00	33.01	PASS
		1	0	16QAM	19.67	-3.58	16.09	2.00	33.01	PASS
		1	49		20.15	-3.58	16.57	2.00	33.01	PASS
		1	99		19.96	-3.58	16.38	2.00	33.01	PASS
		50	0		18.98	-3.58	15.40	2.00	33.01	PASS
		50	24		19.04	-3.58	15.46	2.00	33.01	PASS
		50	49		19.21	-3.58	15.63	2.00	33.01	PASS
		100	0		19.12	-3.58	15.54	2.00	33.01	PASS



ERP for LTE Band 12 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	22.25	-17.33	2.77	3.00	34.77	PASS
		1	2		22.38	-17.33	2.90	3.00	34.77	PASS
		1	5		22.25	-17.33	2.77	3.00	34.77	PASS
		3	0		22.22	-17.33	2.74	3.00	34.77	PASS
		3	1		22.24	-17.33	2.76	3.00	34.77	PASS
		3	2		22.19	-17.33	2.71	3.00	34.77	PASS
		6	0		21.25	-17.33	1.77	3.00	34.77	PASS
		1	0	16QAM	21.50	-17.33	2.02	3.00	34.77	PASS
		1	2		21.62	-17.33	2.14	3.00	34.77	PASS
		1	5		21.54	-17.33	2.06	3.00	34.77	PASS
		3	0		21.39	-17.33	1.91	3.00	34.77	PASS
		3	1		21.41	-17.33	1.93	3.00	34.77	PASS
		3	2		21.40	-17.33	1.92	3.00	34.77	PASS
		6	0		20.30	-17.33	0.82	3.00	34.77	PASS
	Middle	1	0	QPSK	22.27	-17.33	2.79	3.00	34.77	PASS
		1	2		22.42	-17.33	2.94	3.00	34.77	PASS
		1	5		22.26	-17.33	2.78	3.00	34.77	PASS
		3	0		22.28	-17.33	2.80	3.00	34.77	PASS
		3	1		22.27	-17.33	2.79	3.00	34.77	PASS
		3	2		22.26	-17.33	2.78	3.00	34.77	PASS
		6	0		21.22	-17.33	1.74	3.00	34.77	PASS
		1	0	16QAM	21.11	-17.33	1.63	3.00	34.77	PASS
		1	2		21.26	-17.33	1.78	3.00	34.77	PASS
		1	5		21.08	-17.33	1.60	3.00	34.77	PASS
		3	0		21.24	-17.33	1.76	3.00	34.77	PASS
		3	1		21.29	-17.33	1.81	3.00	34.77	PASS
		3	2		21.26	-17.33	1.78	3.00	34.77	PASS
		6	0		20.39	-17.33	0.91	3.00	34.77	PASS
	Highest	1	0	QPSK	22.07	-17.33	2.59	3.00	34.77	PASS
		1	2		22.25	-17.33	2.77	3.00	34.77	PASS
		1	5		22.05	-17.33	2.57	3.00	34.77	PASS
		3	0		22.14	-17.33	2.66	3.00	34.77	PASS
		3	1		22.15	-17.33	2.67	3.00	34.77	PASS
		3	2		22.09	-17.33	2.61	3.00	34.77	PASS
		6	0		21.21	-17.33	1.73	3.00	34.77	PASS
		1	0	16QAM	21.10	-17.33	1.62	3.00	34.77	PASS
		1	2		21.35	-17.33	1.87	3.00	34.77	PASS
		1	5		21.12	-17.33	1.64	3.00	34.77	PASS
		3	0		21.23	-17.33	1.75	3.00	34.77	PASS
		3	1		21.24	-17.33	1.76	3.00	34.77	PASS
		3	2		21.16	-17.33	1.68	3.00	34.77	PASS
		6	0		20.35	-17.33	0.87	3.00	34.77	PASS



ERP for LTE Band 12 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	22.13	-17.33	2.65	3.00	34.77	PASS
		1	7		22.42	-17.33	2.94	3.00	34.77	PASS
		1	14		22.18	-17.33	2.70	3.00	34.77	PASS
		8	0		21.20	-17.33	1.72	3.00	34.77	PASS
		8	4		21.23	-17.33	1.75	3.00	34.77	PASS
		8	7		21.21	-17.33	1.73	3.00	34.77	PASS
		15	0		21.18	-17.33	1.70	3.00	34.77	PASS
		1	0	16QAM	21.17	-17.33	1.69	3.00	34.77	PASS
		1	7		21.60	-17.33	2.12	3.00	34.77	PASS
		1	14		21.24	-17.33	1.76	3.00	34.77	PASS
		8	0		20.26	-17.33	0.78	3.00	34.77	PASS
		8	4		20.30	-17.33	0.82	3.00	34.77	PASS
		8	7		20.25	-17.33	0.77	3.00	34.77	PASS
		15	0		20.09	-17.33	0.61	3.00	34.77	PASS
	Middle	1	0	QPSK	22.20	-17.33	2.72	3.00	34.77	PASS
		1	7		22.70	-17.33	3.22	3.00	34.77	PASS
		1	14		22.28	-17.33	2.80	3.00	34.77	PASS
		8	0		21.23	-17.33	1.75	3.00	34.77	PASS
		8	4		21.23	-17.33	1.75	3.00	34.77	PASS
		8	7		21.21	-17.33	1.73	3.00	34.77	PASS
		15	0		21.19	-17.33	1.71	3.00	34.77	PASS
		1	0	16QAM	21.51	-17.33	2.03	3.00	34.77	PASS
		1	7		21.60	-17.33	2.12	3.00	34.77	PASS
		1	14		21.45	-17.33	1.97	3.00	34.77	PASS
		8	0		20.19	-17.33	0.71	3.00	34.77	PASS
		8	4		20.19	-17.33	0.71	3.00	34.77	PASS
		8	7		20.16	-17.33	0.68	3.00	34.77	PASS
		15	0		20.25	-17.33	0.77	3.00	34.77	PASS
	Highest	1	0	QPSK	22.17	-17.33	2.69	3.00	34.77	PASS
		1	7		22.42	-17.33	2.94	3.00	34.77	PASS
		1	14		22.08	-17.33	2.60	3.00	34.77	PASS
		8	0		21.13	-17.33	1.65	3.00	34.77	PASS
		8	4		21.17	-17.33	1.69	3.00	34.77	PASS
		8	7		21.17	-17.33	1.69	3.00	34.77	PASS
		15	0		21.14	-17.33	1.66	3.00	34.77	PASS
		1	0	16QAM	21.36	-17.33	1.88	3.00	34.77	PASS
		1	7		21.67	-17.33	2.19	3.00	34.77	PASS
		1	14		21.35	-17.33	1.87	3.00	34.77	PASS
		8	0		20.17	-17.33	0.69	3.00	34.77	PASS
		8	4		20.21	-17.33	0.73	3.00	34.77	PASS
		8	7		20.22	-17.33	0.74	3.00	34.77	PASS
		15	0		20.03	-17.33	0.55	3.00	34.77	PASS



ERP for LTE Band 12 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	22.08	-17.33	2.60	3.00	34.77	PASS
		1	12		22.60	-17.33	3.12	3.00	34.77	PASS
		1	24		22.07	-17.33	2.59	3.00	34.77	PASS
		12	0		21.21	-17.33	1.73	3.00	34.77	PASS
		12	6		21.23	-17.33	1.75	3.00	34.77	PASS
		12	11		21.19	-17.33	1.71	3.00	34.77	PASS
		25	0		21.20	-17.33	1.72	3.00	34.77	PASS
		1	0	16QAM	21.39	-17.33	1.91	3.00	34.77	PASS
		1	12		21.84	-17.33	2.36	3.00	34.77	PASS
		1	24		21.41	-17.33	1.93	3.00	34.77	PASS
		12	0		20.18	-17.33	0.70	3.00	34.77	PASS
		12	6		20.20	-17.33	0.72	3.00	34.77	PASS
		12	11		20.20	-17.33	0.72	3.00	34.77	PASS
		25	0		20.22	-17.33	0.74	3.00	34.77	PASS
	Middle	1	0	QPSK	22.08	-17.33	2.60	3.00	34.77	PASS
		1	12		22.71	-17.33	3.23	3.00	34.77	PASS
		1	24		22.03	-17.33	2.55	3.00	34.77	PASS
		12	0		21.20	-17.33	1.72	3.00	34.77	PASS
		12	6		21.26	-17.33	1.78	3.00	34.77	PASS
		12	11		21.19	-17.33	1.71	3.00	34.77	PASS
		25	0		21.16	-17.33	1.68	3.00	34.77	PASS
		1	0	16QAM	21.25	-17.33	1.77	3.00	34.77	PASS
		1	12		21.62	-17.33	2.14	3.00	34.77	PASS
		1	24		21.20	-17.33	1.72	3.00	34.77	PASS
		12	0		20.25	-17.33	0.77	3.00	34.77	PASS
		12	6		20.35	-17.33	0.87	3.00	34.77	PASS
		12	11		20.20	-17.33	0.72	3.00	34.77	PASS
		25	0		20.12	-17.33	0.64	3.00	34.77	PASS
	Highest	1	0	QPSK	22.14	-17.33	2.66	3.00	34.77	PASS
		1	12		22.49	-17.33	3.01	3.00	34.77	PASS
		1	24		22.07	-17.33	2.59	3.00	34.77	PASS
		12	0		21.20	-17.33	1.72	3.00	34.77	PASS
		12	6		21.19	-17.33	1.71	3.00	34.77	PASS
		12	11		21.20	-17.33	1.72	3.00	34.77	PASS
		25	0		21.22	-17.33	1.74	3.00	34.77	PASS
		1	0	16QAM	21.16	-17.33	1.68	3.00	34.77	PASS
		1	12		21.45	-17.33	1.97	3.00	34.77	PASS
		1	24		21.11	-17.33	1.63	3.00	34.77	PASS
		12	0		20.27	-17.33	0.79	3.00	34.77	PASS
		12	6		20.27	-17.33	0.79	3.00	34.77	PASS
		12	11		20.28	-17.33	0.80	3.00	34.77	PASS
		25	0		20.21	-17.33	0.73	3.00	34.77	PASS



ERP for LTE Band 12 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	22.07	-17.33	2.59	3.00	34.77	PASS
		1	24		22.25	-17.33	2.77	3.00	34.77	PASS
		1	49		22.14	-17.33	2.66	3.00	34.77	PASS
		25	0		21.24	-17.33	1.76	3.00	34.77	PASS
		25	12		21.18	-17.33	1.70	3.00	34.77	PASS
		25	24		21.28	-17.33	1.80	3.00	34.77	PASS
		50	0		21.28	-17.33	1.80	3.00	34.77	PASS
		1	0	16QAM	21.13	-17.33	1.65	3.00	34.77	PASS
		1	24		21.35	-17.33	1.87	3.00	34.77	PASS
		1	49		21.14	-17.33	1.66	3.00	34.77	PASS
		25	0		20.21	-17.33	0.73	3.00	34.77	PASS
		25	12		20.22	-17.33	0.74	3.00	34.77	PASS
		25	24		20.30	-17.33	0.82	3.00	34.77	PASS
		50	0		20.24	-17.33	0.76	3.00	34.77	PASS
	Middle	1	0	QPSK	22.18	-17.33	2.70	3.00	34.77	PASS
		1	24		22.32	-17.33	2.84	3.00	34.77	PASS
		1	49		22.24	-17.33	2.76	3.00	34.77	PASS
		25	0		21.05	-17.33	1.57	3.00	34.77	PASS
		25	12		21.19	-17.33	1.71	3.00	34.77	PASS
		25	24		21.07	-17.33	1.59	3.00	34.77	PASS
		50	0		21.09	-17.33	1.61	3.00	34.77	PASS
		1	0	16QAM	21.46	-17.33	1.98	3.00	34.77	PASS
		1	24		21.54	-17.33	2.06	3.00	34.77	PASS
		1	49		21.45	-17.33	1.97	3.00	34.77	PASS
		25	0		20.06	-17.33	0.58	3.00	34.77	PASS
		25	12		20.17	-17.33	0.69	3.00	34.77	PASS
		25	24		20.06	-17.33	0.58	3.00	34.77	PASS
		50	0		20.06	-17.33	0.58	3.00	34.77	PASS
	Highest	1	0	QPSK	22.10	-17.33	2.62	3.00	34.77	PASS
		1	24		22.25	-17.33	2.77	3.00	34.77	PASS
		1	49		22.07	-17.33	2.59	3.00	34.77	PASS
		25	0		21.27	-17.33	1.79	3.00	34.77	PASS
		25	12		21.20	-17.33	1.72	3.00	34.77	PASS
		25	24		21.23	-17.33	1.75	3.00	34.77	PASS
		50	0		21.26	-17.33	1.78	3.00	34.77	PASS
		1	0	16QAM	21.36	-17.33	1.88	3.00	34.77	PASS
		1	24		21.53	-17.33	2.05	3.00	34.77	PASS
		1	49		21.34	-17.33	1.86	3.00	34.77	PASS
		25	0		20.33	-17.33	0.85	3.00	34.77	PASS
		25	12		20.27	-17.33	0.79	3.00	34.77	PASS
		25	24		20.27	-17.33	0.79	3.00	34.77	PASS
		50	0		20.27	-17.33	0.79	3.00	34.77	PASS



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	21.74	-3.58	18.16	2.00	33.01	PASS
		1	12		22.05	-3.58	18.47	2.00	33.01	PASS
		1	24		21.70	-3.58	18.12	2.00	33.01	PASS
		12	0		20.69	-3.58	17.11	2.00	33.01	PASS
		12	6		20.78	-3.58	17.20	2.00	33.01	PASS
		12	11		20.79	-3.58	17.21	2.00	33.01	PASS
		25	0		20.74	-3.58	17.16	2.00	33.01	PASS
		1	0	16QAM	20.97	-3.58	17.39	2.00	33.01	PASS
		1	12		21.21	-3.58	17.63	2.00	33.01	PASS
		1	24		20.93	-3.58	17.35	2.00	33.01	PASS
		12	0		19.60	-3.58	16.02	2.00	33.01	PASS
		12	6		19.71	-3.58	16.13	2.00	33.01	PASS
		12	11		19.71	-3.58	16.13	2.00	33.01	PASS
		25	0		19.78	-3.58	16.20	2.00	33.01	PASS
	Middle	1	0	QPSK	22.17	-3.58	18.59	2.00	33.01	PASS
		1	12		22.48	-3.58	18.90	2.00	33.01	PASS
		1	24		22.23	-3.58	18.65	2.00	33.01	PASS
		12	0		21.22	-3.58	17.64	2.00	33.01	PASS
		12	6		21.30	-3.58	17.72	2.00	33.01	PASS
		12	11		21.28	-3.58	17.70	2.00	33.01	PASS
		25	0		21.30	-3.58	17.72	2.00	33.01	PASS
		1	0	16QAM	21.16	-3.58	17.58	2.00	33.01	PASS
		1	12		21.43	-3.58	17.85	2.00	33.01	PASS
		1	24		21.22	-3.58	17.64	2.00	33.01	PASS
		12	0		20.23	-3.58	16.65	2.00	33.01	PASS
		12	6		20.33	-3.58	16.75	2.00	33.01	PASS
		12	11		20.31	-3.58	16.73	2.00	33.01	PASS
		25	0		20.18	-3.58	16.60	2.00	33.01	PASS
	Highest	1	0	QPSK	22.91	-3.58	19.33	2.00	33.01	PASS
		1	12		23.27	-3.58	19.69	2.00	33.01	PASS
		1	24		23.00	-3.58	19.42	2.00	33.01	PASS
		12	0		21.93	-3.58	18.35	2.00	33.01	PASS
		12	6		21.99	-3.58	18.41	2.00	33.01	PASS
		12	11		21.90	-3.58	18.32	2.00	33.01	PASS
		25	0		21.94	-3.58	18.36	2.00	33.01	PASS
		1	0	16QAM	21.92	-3.58	18.34	2.00	33.01	PASS
		1	12		22.22	-3.58	18.64	2.00	33.01	PASS
		1	24		21.94	-3.58	18.36	2.00	33.01	PASS
		12	0		20.93	-3.58	17.35	2.00	33.01	PASS
		12	6		21.04	-3.58	17.46	2.00	33.01	PASS
		12	11		20.97	-3.58	17.39	2.00	33.01	PASS
		25	0		20.87	-3.58	17.29	2.00	33.01	PASS



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	21.77	-3.58	18.19	2.00	33.01	PASS
		1	24		21.85	-3.58	18.27	2.00	33.01	PASS
		1	49		21.74	-3.58	18.16	2.00	33.01	PASS
		25	0		20.68	-3.58	17.10	2.00	33.01	PASS
		25	12		20.61	-3.58	17.03	2.00	33.01	PASS
		25	24		20.72	-3.58	17.14	2.00	33.01	PASS
		50	0		20.71	-3.58	17.13	2.00	33.01	PASS
		1	0	16QAM	21.05	-3.58	17.47	2.00	33.01	PASS
		1	24		21.10	-3.58	17.52	2.00	33.01	PASS
		1	49		20.93	-3.58	17.35	2.00	33.01	PASS
		25	0		19.70	-3.58	16.12	2.00	33.01	PASS
		25	12		19.76	-3.58	16.18	2.00	33.01	PASS
		25	24		19.73	-3.58	16.15	2.00	33.01	PASS
		50	0		19.77	-3.58	16.19	2.00	33.01	PASS
	Middle	1	0	QPSK	22.19	-3.58	18.61	2.00	33.01	PASS
		1	24		22.37	-3.58	18.79	2.00	33.01	PASS
		1	49		22.25	-3.58	18.67	2.00	33.01	PASS
		25	0		21.23	-3.58	17.65	2.00	33.01	PASS
		25	12		21.30	-3.58	17.72	2.00	33.01	PASS
		25	24		21.36	-3.58	17.78	2.00	33.01	PASS
		50	0		21.26	-3.58	17.68	2.00	33.01	PASS
		1	0	16QAM	21.15	-3.58	17.57	2.00	33.01	PASS
		1	24		21.29	-3.58	17.71	2.00	33.01	PASS
		1	49		21.21	-3.58	17.63	2.00	33.01	PASS
		25	0		20.22	-3.58	16.64	2.00	33.01	PASS
		25	12		20.27	-3.58	16.69	2.00	33.01	PASS
		25	24		20.33	-3.58	16.75	2.00	33.01	PASS
		50	0		20.28	-3.58	16.70	2.00	33.01	PASS
	Highest	1	0	QPSK	22.91	-3.58	19.33	2.00	33.01	PASS
		1	24		23.04	-3.58	19.46	2.00	33.01	PASS
		1	49		23.02	-3.58	19.44	2.00	33.01	PASS
		25	0		21.87	-3.58	18.29	2.00	33.01	PASS
		25	12		21.94	-3.58	18.36	2.00	33.01	PASS
		25	24		21.94	-3.58	18.36	2.00	33.01	PASS
		50	0		21.86	-3.58	18.28	2.00	33.01	PASS
		1	0	16QAM	22.15	-3.58	18.57	2.00	33.01	PASS
		1	24		22.26	-3.58	18.68	2.00	33.01	PASS
		1	49		22.19	-3.58	18.61	2.00	33.01	PASS
		25	0		20.82	-3.58	17.24	2.00	33.01	PASS
		25	12		20.89	-3.58	17.31	2.00	33.01	PASS
		25	24		20.94	-3.58	17.36	2.00	33.01	PASS
		50	0		20.84	-3.58	17.26	2.00	33.01	PASS



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	21.67	-3.58	18.09	2.00	33.01	PASS
		1	37		22.01	-3.58	18.43	2.00	33.01	PASS
		1	74		21.65	-3.58	18.07	2.00	33.01	PASS
		36	0		20.80	-3.58	17.22	2.00	33.01	PASS
		36	18		20.87	-3.58	17.29	2.00	33.01	PASS
		36	39		20.85	-3.58	17.27	2.00	33.01	PASS
		75	0		20.83	-3.58	17.25	2.00	33.01	PASS
		1	0	16QAM	20.94	-3.58	17.36	2.00	33.01	PASS
		1	37		21.19	-3.58	17.61	2.00	33.01	PASS
		1	74		20.75	-3.58	17.17	2.00	33.01	PASS
		36	0		19.68	-3.58	16.10	2.00	33.01	PASS
		36	18		19.76	-3.58	16.18	2.00	33.01	PASS
		36	39		19.71	-3.58	16.13	2.00	33.01	PASS
		75	0		19.77	-3.58	16.19	2.00	33.01	PASS
	Middle	1	0	QPSK	22.09	-3.58	18.51	2.00	33.01	PASS
		1	37		22.46	-3.58	18.88	2.00	33.01	PASS
		1	74		22.15	-3.58	18.57	2.00	33.01	PASS
		36	0		21.29	-3.58	17.71	2.00	33.01	PASS
		36	18		21.44	-3.58	17.86	2.00	33.01	PASS
		36	39		21.46	-3.58	17.88	2.00	33.01	PASS
		75	0		21.42	-3.58	17.84	2.00	33.01	PASS
		1	0	16QAM	21.03	-3.58	17.45	2.00	33.01	PASS
		1	37		21.41	-3.58	17.83	2.00	33.01	PASS
		1	74		21.11	-3.58	17.53	2.00	33.01	PASS
		36	0		20.22	-3.58	16.64	2.00	33.01	PASS
		36	18		20.37	-3.58	16.79	2.00	33.01	PASS
		36	39		20.40	-3.58	16.82	2.00	33.01	PASS
		75	0		20.33	-3.58	16.75	2.00	33.01	PASS
	Highest	1	0	QPSK	22.83	-3.58	19.25	2.00	33.01	PASS
		1	37		23.22	-3.58	19.64	2.00	33.01	PASS
		1	74		22.94	-3.58	19.36	2.00	33.01	PASS
		36	0		21.94	-3.58	18.36	2.00	33.01	PASS
		36	18		22.04	-3.58	18.46	2.00	33.01	PASS
		36	39		22.09	-3.58	18.51	2.00	33.01	PASS
		75	0		22.03	-3.58	18.45	2.00	33.01	PASS
		1	0	16QAM	21.74	-3.58	18.16	2.00	33.01	PASS
		1	37		22.10	-3.58	18.52	2.00	33.01	PASS
		1	74		21.78	-3.58	18.20	2.00	33.01	PASS
		36	0		20.79	-3.58	17.21	2.00	33.01	PASS
		36	18		20.92	-3.58	17.34	2.00	33.01	PASS
		36	39		20.94	-3.58	17.36	2.00	33.01	PASS
		75	0		20.95	-3.58	17.37	2.00	33.01	PASS



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	21.54	-3.58	17.96	2.00	33.01	PASS
		1	49		21.89	-3.58	18.31	2.00	33.01	PASS
		1	99		20.47	-3.58	16.89	2.00	33.01	PASS
		50	0		20.52	-3.58	16.94	2.00	33.01	PASS
		50	24		20.65	-3.58	17.07	2.00	33.01	PASS
		50	49		20.61	-3.58	17.03	2.00	33.01	PASS
		100	0		20.61	-3.58	17.03	2.00	33.01	PASS
		1	0	16QAM	20.58	-3.58	17.00	2.00	33.01	PASS
		1	49		20.73	-3.58	17.15	2.00	33.01	PASS
		1	99		20.29	-3.58	16.71	2.00	33.01	PASS
		50	0		19.50	-3.58	15.92	2.00	33.01	PASS
		50	24		19.60	-3.58	16.02	2.00	33.01	PASS
		50	49		19.59	-3.58	16.01	2.00	33.01	PASS
		100	0		19.62	-3.58	16.04	2.00	33.01	PASS
	Middle	1	0	QPSK	21.95	-3.58	18.37	2.00	33.01	PASS
		1	49		21.89	-3.58	18.31	2.00	33.01	PASS
		1	99		22.10	-3.58	18.52	2.00	33.01	PASS
		50	0		21.13	-3.58	17.55	2.00	33.01	PASS
		50	24		21.28	-3.58	17.70	2.00	33.01	PASS
		50	49		21.41	-3.58	17.83	2.00	33.01	PASS
		100	0		21.26	-3.58	17.68	2.00	33.01	PASS
		1	0	16QAM	20.99	-3.58	17.41	2.00	33.01	PASS
		1	49		21.48	-3.58	17.90	2.00	33.01	PASS
		1	99		21.09	-3.58	17.51	2.00	33.01	PASS
		50	0		20.09	-3.58	16.51	2.00	33.01	PASS
		50	24		20.29	-3.58	16.71	2.00	33.01	PASS
		50	49		20.41	-3.58	16.83	2.00	33.01	PASS
		100	0		20.24	-3.58	16.66	2.00	33.01	PASS
	Highest	1	0	QPSK	22.65	-3.58	19.07	2.00	33.01	PASS
		1	49		23.11	-3.58	19.53	2.00	33.01	PASS
		1	99		22.77	-3.58	19.19	2.00	33.01	PASS
		50	0		21.68	-3.58	18.10	2.00	33.01	PASS
		50	24		21.82	-3.58	18.24	2.00	33.01	PASS
		50	49		21.91	-3.58	18.33	2.00	33.01	PASS
		100	0		21.82	-3.58	18.24	2.00	33.01	PASS
		1	0	16QAM	21.57	-3.58	17.99	2.00	33.01	PASS
		1	49		22.02	-3.58	18.44	2.00	33.01	PASS
		1	99		21.66	-3.58	18.08	2.00	33.01	PASS
		50	0		20.68	-3.58	17.10	2.00	33.01	PASS
		50	24		20.84	-3.58	17.26	2.00	33.01	PASS
		50	49		20.91	-3.58	17.33	2.00	33.01	PASS
		100	0		20.76	-3.58	17.18	2.00	33.01	PASS

5.2 PEAK TO AVERAGE RATIO

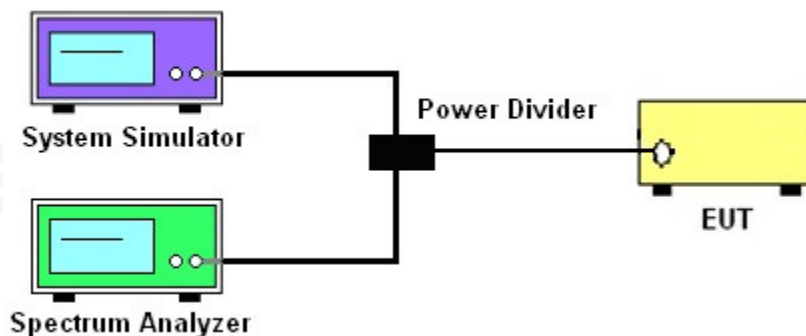
TEST OVERVIEW

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 “STS2512160W01_Appendix GSM” , “STS2512160W01_Appendix WCDMA” and “STS2512160W01_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.

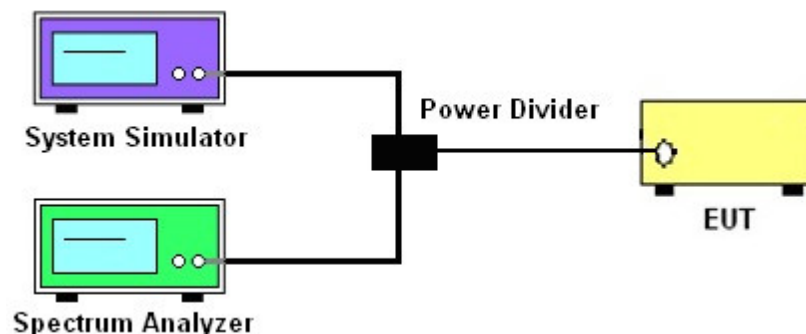
The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) 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 "STS2512160W01_Appendix GSM", "STS2512160W01_Appendix WCDMA" and "STS2512160W01_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

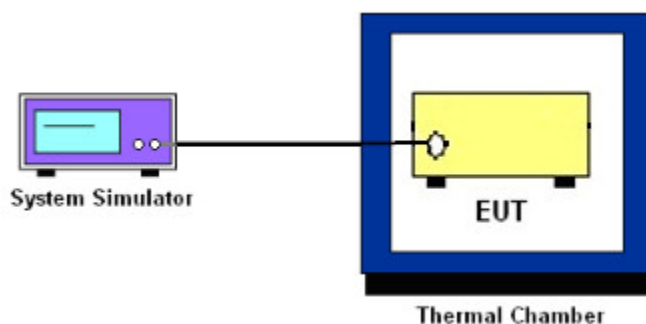
Temperature Variation

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

GSM 850 /836.6MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	29.57	0.035	2.5ppm	PASS
40		33.44	0.040		
30		19.48	0.023		
20		25.52	0.031		
10		23.90	0.029		
0		17.07	0.020		
-10		29.53	0.035		
-20		17.66	0.021		
-30		14.07	0.017		
20	Maximum Voltage	30.85	0.037		
20	BEP	22.48	0.027		

GPRS 850 /836.6MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	20.54	0.025	2.5ppm	PASS
40		29.43	0.035		
30		28.87	0.035		
20		31.86	0.038		
10		25.09	0.030		
0		12.53	0.015		
-10		27.58	0.033		
-20		29.23	0.035		
-30		33.55	0.040		
20	Maximum Voltage	13.24	0.016		
20	BEP	18.09	0.022		

EGPRS 850 /836.6MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	31.71	0.038	2.5ppm	PASS
40		26.01	0.031		
30		19.87	0.024		
20		33.48	0.040		
10		13.92	0.017		
0		15.63	0.019		
-10		19.84	0.024		
-20		17.67	0.021		
-30		24.63	0.029		
20	Maximum Voltage	26.73	0.032		
20	BEP	14.52	0.017		

GSM 1900 / 1880MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	16.28	0.009	Within Authorized Band	PASS
40		33.86	0.018		
30		19.71	0.010		



20		24.23	0.013		
10		12.93	0.007		
0		27.29	0.015		
-10		20.70	0.011		
-20		32.23	0.017		
-30		27.66	0.015		
20	Maximum Voltage	16.84	0.009		
20	BEP	12.93	0.007		

GPRS 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.23	0.010	Within Authorized Band	PASS
40		20.16	0.011		
30		21.54	0.011		
20		12.91	0.007		
10		31.36	0.017		
0		12.18	0.006		
-10		36.48	0.019		
-20		22.17	0.012		
-30		19.42	0.010		
20	Maximum Voltage	20.55	0.011		
20	BEP	16.26	0.009		

EGPRS 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.87	0.010	Within Authorized Band	PASS
40		14.74	0.008		
30		16.67	0.009		
20		13.44	0.007		
10		32.15	0.017		
0		34.02	0.018		
-10		23.74	0.013		
-20		15.49	0.008		
-30		12.84	0.007		
20	Maximum Voltage	19.38	0.010		
20	BEP	16.82	0.009		

UMTS Band 2 /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	18.75	0.010	Within Authorized Band	PASS
40		14.19	0.008		
30		13.28	0.007		
20		12.07	0.006		
10		22.91	0.012		
0		19.12	0.010		



-10		31.93	0.017		
-20		15.09	0.008		
-30		31.60	0.017		
20	Maximum Voltage	27.38	0.015		
20	BEP	14.69	0.008		

HSDPA Band 2 /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	32.14	0.017	Within Authorized Band	PASS
40		27.80	0.015		
30		22.67	0.012		
20		20.05	0.011		
10		23.92	0.013		
0		12.27	0.007		
-10		15.69	0.008		
-20		18.69	0.010		
-30		27.74	0.015		
20	Maximum Voltage	12.61	0.007		
20	BEP	31.78	0.017		

HSUPA Band 2 /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.69	0.009	Within Authorized Band	PASS
40		14.31	0.008		
30		24.84	0.013		
20		19.13	0.010		
10		24.58	0.013		
0		25.60	0.014		
-10		35.64	0.019		
-20		14.36	0.008		
-30		14.56	0.008		
20	Maximum Voltage	17.18	0.009		
20	BEP	34.08	0.018		

UMTS Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.66	0.038	2.5ppm	PASS
40		12.95	0.015		
30		11.99	0.014		
20		35.05	0.042		
10		20.36	0.024		
0		15.01	0.018		
-10		21.86	0.026		
-20		33.78	0.040		
-30		25.85	0.031		



20	Maximum Voltage	29.13	0.035		
20	BEP	12.52	0.015		

HSDPA Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.70	0.025	2.5ppm	PASS
40		29.02	0.035		
30		13.74	0.016		
20		32.29	0.039		
10		21.22	0.025		
0		32.03	0.038		
-10		23.11	0.028		
-20		24.88	0.030		
-30		22.88	0.027		
20	Maximum Voltage	28.17	0.034		
20	BEP	27.29	0.033		

HSUPA Band 5 / 836.4MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	27.59	0.033	2.5ppm	PASS
40		20.96	0.025		
30		27.41	0.033		
20		30.55	0.037		
10		18.42	0.022		
0		14.19	0.017		
-10		19.35	0.023		
-20		32.62	0.039		
-30		15.34	0.018		
20	Maximum Voltage	20.79	0.025		
20	BEP	16.43	0.020		

LTE Band 4 (QPSK) / 1733MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.27	0.018	2.5ppm	PASS
40		23.96	0.014		
30		12.65	0.007		
20		30.24	0.017		
10		14.21	0.008		
0		30.02	0.017		
-10		20.93	0.012		
-20		31.52	0.018		
-30		23.05	0.013		
20	Maximum Voltage	22.41	0.013		
20	BEP	15.31	0.009		



LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	18.40	0.011	2.5ppm	PASS
40		17.76	0.010		
30		13.08	0.008		
20		34.71	0.020		
10		31.10	0.018		
0		36.12	0.021		
-10		16.77	0.010		
-20		14.22	0.008		
-30		29.44	0.017		
20	Maximum Voltage	12.75	0.007		
20	BEP	21.34	0.012		

LTE Band 5 (QPSK) / 836.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	21.37	0.026	2.5ppm	PASS
40		20.41	0.024		
30		33.32	0.040		
20		13.11	0.016		
10		14.89	0.018		
0		25.11	0.030		
-10		31.49	0.038		
-20		25.44	0.030		
-30		24.37	0.029		
20	Maximum Voltage	13.91	0.017		
20	BEP	21.40	0.026		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	23.48	0.028	2.5ppm	PASS
40		34.22	0.041		
30		32.63	0.039		
20		29.49	0.035		
10		24.12	0.029		
0		22.31	0.027		
-10		28.05	0.034		
-20		26.62	0.032		
-30		24.11	0.029		
20	Maximum Voltage	16.35	0.020		
20	BEP	33.06	0.040		

LTE Band 7 (QPSK) / 2535MHz / BW10M					
Temperature (°C)	Voltage	Freq.	Freq. Dev.	Limit	Result



		Dev.			
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	26.41	0.010	2.5ppm	PASS
40		31.18	0.012		
30		34.75	0.014		
20		34.37	0.014		
10		12.60	0.005		
0		15.33	0.006		
-10		15.12	0.006		
-20		26.94	0.011		
-30		13.59	0.005		
20	Maximum Voltage	18.19	0.007		
20	BEP	22.77	0.009		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.71	0.005	2.5ppm	PASS
40		15.50	0.006		
30		15.78	0.006		
20		35.06	0.014		
10		27.13	0.011		
0		12.29	0.005		
-10		31.08	0.012		
-20		20.68	0.008		
-30		14.89	0.006		
20	Maximum Voltage	15.19	0.006		
20	BEP	21.88	0.009		

LTE Band 12 (QPSK) / 707.5MHz / BW5M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.24	0.043	2.5ppm	PASS
40		20.17	0.029		
30		22.30	0.032		
20		12.98	0.018		
10		30.02	0.042		
0		27.74	0.039		
-10		33.06	0.047		
-20		35.59	0.050		
-30		31.91	0.045		
20	Maximum Voltage	26.97	0.038		
20	BEP	25.84	0.037		

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	11.97	0.017	2.5ppm	PASS



40		17.56	0.025		
30		33.15	0.047		
20		33.12	0.047		
10		14.53	0.021		
0		20.97	0.030		
-10		24.77	0.035		
-20		32.84	0.046		
-30		22.01	0.031		
20	Maximum Voltage	32.85	0.046		
20	BEP	21.88	0.031		

LTE Band 41 (QPSK) / 2593MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	26.88	0.010	2.5ppm	PASS
40		18.03	0.007		
30		35.07	0.014		
20		19.08	0.007		
10		27.14	0.010		
0		26.92	0.010		
-10		32.89	0.013		
-20		14.88	0.006		
-30		23.28	0.009		
20	Maximum Voltage	35.83	0.014		
20	BEP	17.03	0.007		

LTE Band 41 (QPSK) / 2593MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	29.25	0.011	2.5ppm	PASS
40		22.28	0.009		
30		19.18	0.007		
20		12.58	0.005		
10		16.68	0.006		
0		32.10	0.012		
-10		33.56	0.013		
-20		16.55	0.006		
-30		29.02	0.011		
20	Maximum Voltage	28.23	0.011		
20	BEP	23.32	0.009		

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:

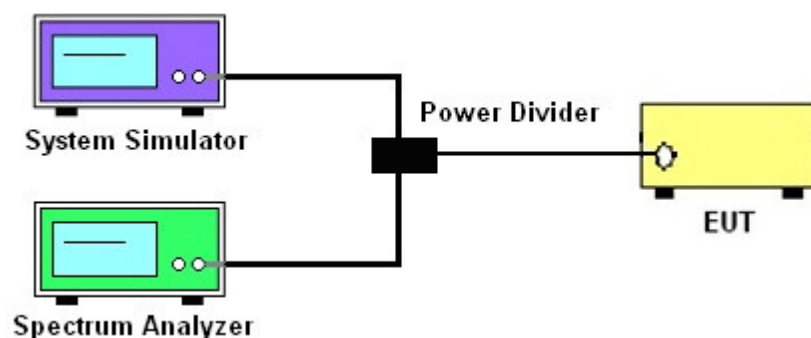
The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

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)
 $= P(W) - [43 + 10 \log (P)] \text{ (dB)}$
 $= [30 + 10 \log (P)] \text{ (dBm)} - [43 + 10 \log (P)] \text{ (dB)}$
 $= -13 \text{ dBm}.$

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment “STS2512160W01_Appendix GSM”, “STS2512160W01_Appendix WCDMA” and “STS2512160W01_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)

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

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

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

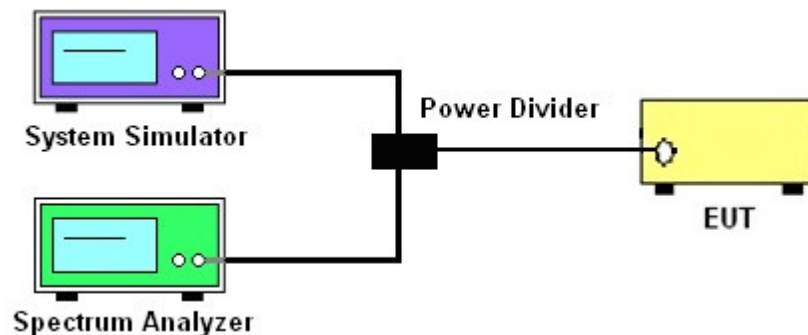
Band 7:

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

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

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

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment “STS2512160W01_Appendix GSM”, “STS2512160W01_Appendix WCDMA” and “STS2512160W01_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.

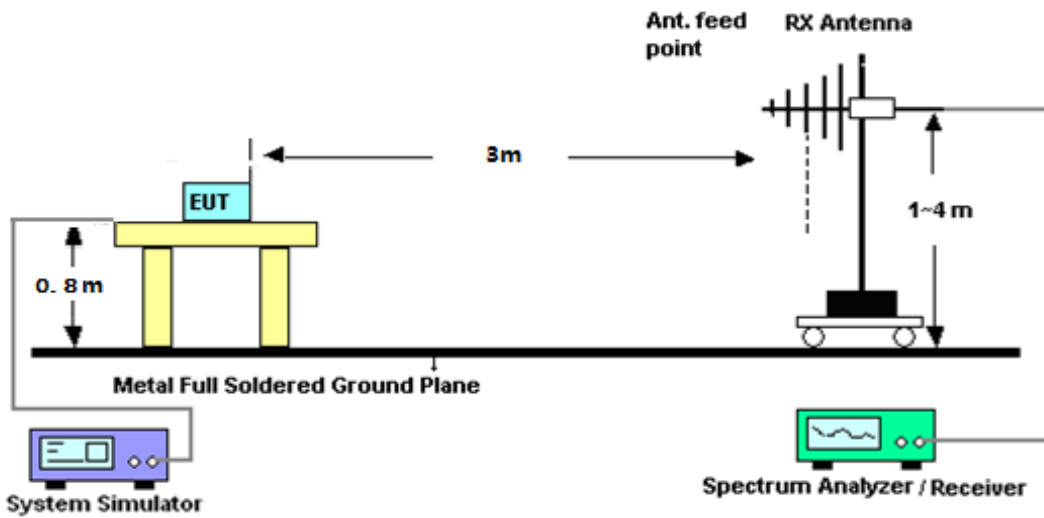
It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

TEST PROCEDURE

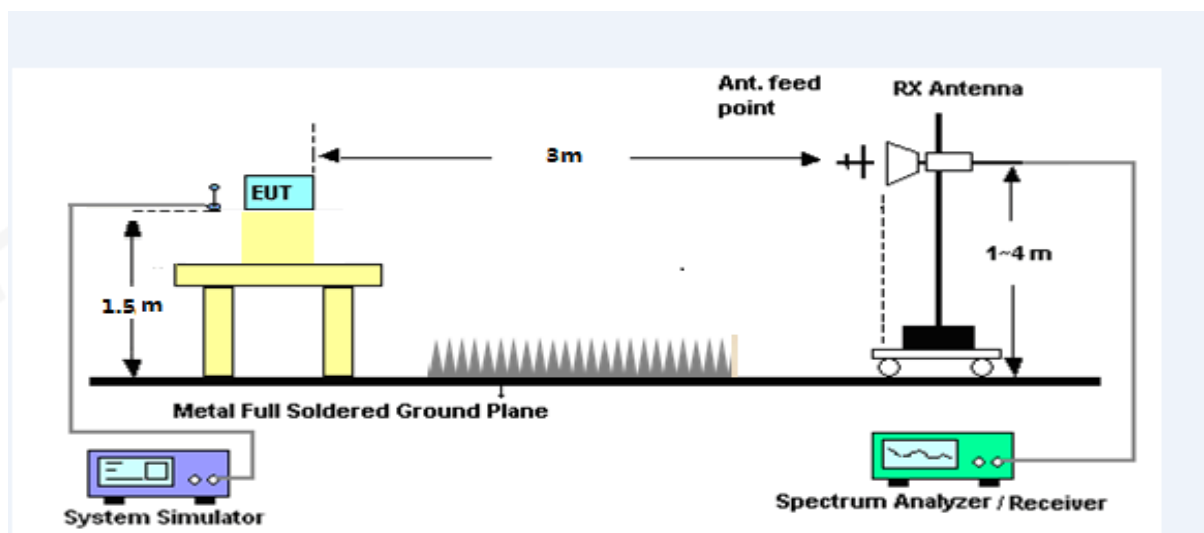
1. The testing FCC KDB 971168 D01 Section 5.8 and ANSI C63.26-2015-Section 5.5.
2. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
3. VBW $\geq 3 \times$ RBW
4. Span = 1.5 times the OBW
5. No. of sweep points $> 2 \times$ span/RBW
6. Detector = Peak
7. Trace mode = max hold
8.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

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
1648.36	-41.15	9.40	4.75	-36.50	-13.00	-23.50	H
2472.26	-39.54	10.60	8.39	-37.33	-13.00	-24.33	H
3296.62	-31.31	12.00	11.79	-31.10	-13.00	-18.10	H
1648.36	-43.28	9.40	4.75	-38.63	-13.00	-25.63	V
2472.26	-45.12	10.60	8.39	-42.91	-13.00	-29.91	V
3296.62	-43.97	12.00	11.79	-43.76	-13.00	-30.76	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
1673.19	-40.62	9.50	4.76	-35.88	-13.00	-22.88	H
2509.87	-40.01	10.70	8.40	-37.71	-13.00	-24.71	H
3346.03	-30.90	12.20	11.80	-30.50	-13.00	-17.50	H
1673.19	-43.46	9.40	4.75	-38.81	-13.00	-25.81	V
2509.87	-44.15	10.60	8.39	-41.94	-13.00	-28.94	V
3346.03	-43.11	12.20	11.82	-42.73	-13.00	-29.73	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
1697.37	-40.53	9.60	4.77	-35.70	-13.00	-22.70	H
2546.47	-39.22	10.80	8.50	-36.92	-13.00	-23.92	H
3395.29	-30.96	12.50	11.90	-30.36	-13.00	-17.36	H
1697.37	-44.03	9.60	4.77	-39.20	-13.00	-26.20	V
2546.47	-44.39	10.80	8.50	-42.09	-13.00	-29.09	V
3395.29	-42.66	12.50	11.90	-42.06	-13.00	-29.06	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
1648.49	-40.17	9.40	4.75	-35.52	-13.00	-22.52	H
2472.25	-39.45	10.60	8.39	-37.24	-13.00	-24.24	H
3296.66	-31.16	12.00	11.79	-30.95	-13.00	-17.95	H
1648.49	-43.25	9.40	4.75	-38.60	-13.00	-25.60	V
2472.25	-44.71	10.60	8.39	-42.50	-13.00	-29.50	V
3296.66	-43.72	12.00	11.79	-43.51	-13.00	-30.51	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
1673.22	-40.92	9.50	4.76	-36.18	-13.00	-23.18	H
2509.51	-40.59	10.70	8.40	-38.29	-13.00	-25.29	H
3346.01	-31.91	12.20	11.80	-31.51	-13.00	-18.51	H
1673.22	-43.69	9.40	4.75	-39.04	-13.00	-26.04	V
2509.51	-43.97	10.60	8.39	-41.76	-13.00	-28.76	V
3346.01	-42.67	12.20	11.82	-42.29	-13.00	-29.29	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
1697.25	-40.72	9.60	4.77	-35.89	-13.00	-22.89	H
2546.39	-39.76	10.80	8.50	-37.46	-13.00	-24.46	H
3395.25	-31.96	12.50	11.90	-31.36	-13.00	-18.36	H
1697.25	-44.42	9.60	4.77	-39.59	-13.00	-26.59	V
2546.39	-44.11	10.80	8.50	-41.81	-13.00	-28.81	V
3395.25	-42.60	12.50	11.90	-42.00	-13.00	-29.00	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
1648.15	-41.03	9.40	4.75	-36.38	-13.00	-23.38	H
2472.25	-39.65	10.60	8.39	-37.44	-13.00	-24.44	H
3296.83	-31.98	12.00	11.79	-31.77	-13.00	-18.77	H
1648.15	-43.78	9.40	4.75	-39.13	-13.00	-26.13	V
2472.25	-45.04	10.60	8.39	-42.83	-13.00	-29.83	V
3296.83	-43.21	12.00	11.79	-43.00	-13.00	-30.00	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
1673.13	-40.74	9.50	4.76	-36.00	-13.00	-23.00	H
2509.74	-40.59	10.70	8.40	-38.29	-13.00	-25.29	H
3346.40	-31.82	12.20	11.80	-31.42	-13.00	-18.42	H
1673.13	-43.44	9.40	4.75	-38.79	-13.00	-25.79	V
2509.74	-44.08	10.60	8.39	-41.87	-13.00	-28.87	V
3346.40	-43.06	12.20	11.82	-42.68	-13.00	-29.68	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
1697.26	-40.76	9.60	4.77	-35.93	-13.00	-22.93	H
2546.55	-39.22	10.80	8.50	-36.92	-13.00	-23.92	H
3395.29	-31.85	12.50	11.90	-31.25	-13.00	-18.25	H
1697.26	-43.55	9.60	4.77	-38.72	-13.00	-25.72	V
2546.55	-44.74	10.80	8.50	-42.44	-13.00	-29.44	V
3395.29	-42.96	12.50	11.90	-42.36	-13.00	-29.36	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	-34.53	12.60	12.93	-34.86	-13.00	-21.86	H
5550.38	-34.13	13.10	17.11	-38.14	-13.00	-25.14	H
7400.57	-33.46	11.50	22.20	-44.16	-13.00	-31.16	H
3700.46	-35.96	12.60	12.93	-36.29	-13.00	-23.29	V
5550.38	-34.69	13.10	17.11	-38.70	-13.00	-25.70	V
7400.57	-32.96	11.50	22.20	-43.66	-13.00	-30.66	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
3759.86	-34.41	12.60	12.93	-34.74	-13.00	-21.74	H
5640.24	-34.17	13.10	17.11	-38.18	-13.00	-25.18	H
7520.01	-32.48	11.50	22.20	-43.18	-13.00	-30.18	H
3759.86	-34.78	12.60	12.93	-35.11	-13.00	-22.11	V
5640.24	-33.84	13.10	17.11	-37.85	-13.00	-24.85	V
7520.01	-33.07	11.50	22.20	-43.77	-13.00	-30.77	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
3819.52	-33.86	12.60	12.93	-34.19	-13.00	-21.19	H
5729.41	-35.44	13.10	17.11	-39.45	-13.00	-26.45	H
7638.99	-33.13	11.50	22.20	-43.83	-13.00	-30.83	H
3819.52	-35.64	12.60	12.93	-35.97	-13.00	-22.97	V
5729.41	-34.57	13.10	17.11	-38.58	-13.00	-25.58	V
7638.99	-32.73	11.50	22.20	-43.43	-13.00	-30.43	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
3700.45	-34.29	12.60	12.93	-34.62	-13.00	-21.62	H
5550.32	-34.92	13.10	17.11	-38.93	-13.00	-25.93	H
7400.52	-33.09	11.50	22.20	-43.79	-13.00	-30.79	H
3700.45	-35.97	12.60	12.93	-36.30	-13.00	-23.30	V
5550.32	-34.19	13.10	17.11	-38.20	-13.00	-25.20	V
7400.52	-33.12	11.50	22.20	-43.82	-13.00	-30.82	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
3760.16	-34.24	12.60	12.93	-34.57	-13.00	-21.57	H
5640.00	-34.86	13.10	17.11	-38.87	-13.00	-25.87	H
7520.16	-33.24	11.50	22.20	-43.94	-13.00	-30.94	H
3760.16	-35.41	12.60	12.93	-35.74	-13.00	-22.74	V
5640.00	-34.66	13.10	17.11	-38.67	-13.00	-25.67	V
7520.16	-31.87	11.50	22.20	-42.57	-13.00	-29.57	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
3819.42	-33.58	12.60	12.93	-33.91	-13.00	-20.91	H
5729.41	-34.44	13.10	17.11	-38.45	-13.00	-25.45	H
7639.00	-32.74	11.50	22.20	-43.44	-13.00	-30.44	H
3819.42	-34.81	12.60	12.93	-35.14	-13.00	-22.14	V
5729.41	-34.86	13.10	17.11	-38.87	-13.00	-25.87	V
7639.00	-31.96	11.50	22.20	-42.66	-13.00	-29.66	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
3700.13	-34.77	12.60	12.93	-35.10	-13.00	-22.10	H
5550.31	-34.62	13.10	17.11	-38.63	-13.00	-25.63	H
7400.72	-33.63	11.50	22.20	-44.33	-13.00	-31.33	H
3700.13	-35.61	12.60	12.93	-35.94	-13.00	-22.94	V
5550.31	-34.38	13.10	17.11	-38.39	-13.00	-25.39	V
7400.72	-32.26	11.50	22.20	-42.96	-13.00	-29.96	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
3760.12	-34.30	12.60	12.93	-34.63	-13.00	-21.63	H
5640.24	-34.18	13.10	17.11	-38.19	-13.00	-25.19	H
7519.91	-32.17	11.50	22.20	-42.87	-13.00	-29.87	H
3760.12	-35.10	12.60	12.93	-35.43	-13.00	-22.43	V
5640.24	-35.14	13.10	17.11	-39.15	-13.00	-26.15	V
7519.91	-32.55	11.50	22.20	-43.25	-13.00	-30.25	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
3819.71	-33.50	12.60	12.93	-33.83	-13.00	-20.83	H
5729.20	-34.54	13.10	17.11	-38.55	-13.00	-25.55	H
7639.22	-32.31	11.50	22.20	-43.01	-13.00	-30.01	H
3819.71	-35.85	12.60	12.93	-36.18	-13.00	-23.18	V
5729.20	-34.15	13.10	17.11	-38.16	-13.00	-25.16	V
7639.22	-33.04	11.50	22.20	-43.74	-13.00	-30.74	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
3704.21	-33.52	12.60	12.93	-33.85	-13.00	-20.85	H
5557.48	-34.61	13.10	17.11	-38.62	-13.00	-25.62	H
7409.68	-33.58	11.50	22.20	-44.28	-13.00	-31.28	H
3704.21	-34.95	12.60	12.93	-35.28	-13.00	-22.28	V
5557.48	-35.07	13.10	17.11	-39.08	-13.00	-26.08	V
7409.68	-32.20	11.50	22.20	-42.90	-13.00	-29.90	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
3760.23	-33.89	12.60	12.93	-34.22	-13.00	-21.22	H
5640.30	-34.97	13.10	17.11	-38.98	-13.00	-25.98	H
7520.15	-32.47	11.50	22.20	-43.17	-13.00	-30.17	H
3760.23	-35.79	12.60	12.93	-36.12	-13.00	-23.12	V
5640.30	-34.09	13.10	17.11	-38.10	-13.00	-25.10	V
7520.15	-32.02	11.50	22.20	-42.72	-13.00	-29.72	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
3815.45	-34.54	12.60	12.93	-34.87	-13.00	-21.87	H
5722.81	-34.18	13.10	17.11	-38.19	-13.00	-25.19	H
7630.07	-32.65	11.50	22.20	-43.35	-13.00	-30.35	H
3815.45	-35.37	12.60	12.93	-35.70	-13.00	-22.70	V
5722.81	-34.38	13.10	17.11	-38.39	-13.00	-25.39	V
7630.07	-32.25	11.50	22.20	-42.95	-13.00	-29.95	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
3704.43	-34.48	12.60	12.93	-34.81	-13.00	-21.81	H
5557.23	-34.65	13.10	17.11	-38.66	-13.00	-25.66	H
7409.63	-33.50	11.50	22.20	-44.20	-13.00	-31.20	H
3704.43	-35.46	12.60	12.93	-35.79	-13.00	-22.79	V
5557.23	-34.11	13.10	17.11	-38.12	-13.00	-25.12	V
7409.63	-31.96	11.50	22.20	-42.66	-13.00	-29.66	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
3759.78	-34.20	12.60	12.93	-34.53	-13.00	-21.53	H
5639.87	-35.14	13.10	17.11	-39.15	-13.00	-26.15	H
7519.85	-32.48	11.50	22.20	-43.18	-13.00	-30.18	H
3759.78	-36.02	12.60	12.93	-36.35	-13.00	-23.35	V
5639.87	-34.00	13.10	17.11	-38.01	-13.00	-25.01	V
7519.85	-32.37	11.50	22.20	-43.07	-13.00	-30.07	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	-34.76	12.60	12.93	-35.09	-13.00	-22.09	H
5722.79	-34.05	13.10	17.11	-38.06	-13.00	-25.06	H
7630.11	-33.30	11.50	22.20	-44.00	-13.00	-31.00	H
3815.25	-35.08	12.60	12.93	-35.41	-13.00	-22.41	V
5722.79	-34.26	13.10	17.11	-38.27	-13.00	-25.27	V
7630.11	-32.55	11.50	22.20	-43.25	-13.00	-30.25	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
3704.01	-34.89	12.60	12.93	-35.22	-13.00	-22.22	H
5557.41	-35.18	13.10	17.11	-39.19	-13.00	-26.19	H
7409.76	-33.50	11.50	22.20	-44.20	-13.00	-31.20	H
3704.01	-35.83	12.60	12.93	-36.16	-13.00	-23.16	V
5557.41	-35.07	13.10	17.11	-39.08	-13.00	-26.08	V
7409.76	-32.34	11.50	22.20	-43.04	-13.00	-30.04	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
3759.87	-34.01	12.60	12.93	-34.34	-13.00	-21.34	H
5640.16	-34.61	13.10	17.11	-38.62	-13.00	-25.62	H
7520.26	-32.35	11.50	22.20	-43.05	-13.00	-30.05	H
3759.87	-34.95	12.60	12.93	-35.28	-13.00	-22.28	V
5640.16	-34.21	13.10	17.11	-38.22	-13.00	-25.22	V
7520.26	-31.78	11.50	22.20	-42.48	-13.00	-29.48	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
3815.64	-34.91	12.60	12.93	-35.24	-13.00	-22.24	H
5722.90	-34.06	13.10	17.11	-38.07	-13.00	-25.07	H
7630.41	-33.26	11.50	22.20	-43.96	-13.00	-30.96	H
3815.64	-35.99	12.60	12.93	-36.32	-13.00	-23.32	V
5722.90	-34.61	13.10	17.11	-38.62	-13.00	-25.62	V
7630.41	-32.93	11.50	22.20	-43.63	-13.00	-30.63	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
1652.53	-40.26	9.40	4.75	-35.61	-13.00	-22.61	H
2479.05	-40.63	10.60	8.39	-38.42	-13.00	-25.42	H
3305.75	-32.20	12.00	11.79	-31.99	-13.00	-18.99	H
1652.53	-43.95	9.40	4.75	-39.30	-13.00	-26.30	V
2479.05	-44.02	10.60	8.39	-41.81	-13.00	-28.81	V
3305.75	-43.48	12.00	11.79	-43.27	-13.00	-30.27	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
1672.96	-41.21	9.40	4.75	-36.56	-13.00	-23.56	H
2509.41	-39.71	10.60	8.39	-37.50	-13.00	-24.50	H
3345.87	-31.95	12.00	11.79	-31.74	-13.00	-18.74	H
1672.96	-43.30	9.40	4.75	-38.65	-13.00	-25.65	V
2509.41	-44.55	10.60	8.39	-42.34	-13.00	-29.34	V
3345.87	-42.86	12.00	11.79	-42.65	-13.00	-29.65	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
1693.47	-40.75	9.40	4.75	-36.10	-13.00	-23.10	H
2539.86	-39.37	10.60	8.39	-37.16	-13.00	-24.16	H
3386.40	-32.27	12.00	11.79	-32.06	-13.00	-19.06	H
1693.47	-44.16	9.40	4.75	-39.51	-13.00	-26.51	V
2539.86	-44.74	10.60	8.39	-42.53	-13.00	-29.53	V
3386.40	-43.21	12.00	11.79	-43.00	-13.00	-30.00	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
1652.68	-40.78	9.40	4.75	-36.13	-13.00	-23.13	H
2479.30	-40.44	10.60	8.39	-38.23	-13.00	-25.23	H
3305.55	-31.17	12.00	11.79	-30.96	-13.00	-17.96	H
1652.68	-44.56	9.40	4.75	-39.91	-13.00	-26.91	V
2479.30	-44.62	10.60	8.39	-42.41	-13.00	-29.41	V
3305.55	-43.55	12.00	11.79	-43.34	-13.00	-30.34	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
1672.78	-40.38	9.40	4.75	-35.73	-13.00	-22.73	H
2509.43	-40.62	10.60	8.39	-38.41	-13.00	-25.41	H
3345.42	-31.76	12.00	11.79	-31.55	-13.00	-18.55	H
1672.78	-43.78	9.40	4.75	-39.13	-13.00	-26.13	V
2509.43	-44.31	10.60	8.39	-42.10	-13.00	-29.10	V
3345.42	-42.77	12.00	11.79	-42.56	-13.00	-29.56	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
1693.36	-41.20	9.40	4.75	-36.55	-13.00	-23.55	H
2539.59	-40.15	10.60	8.39	-37.94	-13.00	-24.94	H
3386.20	-32.01	12.00	11.79	-31.80	-13.00	-18.80	H
1693.36	-43.81	9.40	4.75	-39.16	-13.00	-26.16	V
2539.59	-44.32	10.60	8.39	-42.11	-13.00	-29.11	V
3386.20	-43.85	12.00	11.79	-43.64	-13.00	-30.64	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
1652.63	-41.04	9.40	4.75	-36.39	-13.00	-23.39	H
2479.26	-40.03	10.60	8.39	-37.82	-13.00	-24.82	H
3305.79	-32.33	12.00	11.79	-32.12	-13.00	-19.12	H
1652.63	-43.45	9.40	4.75	-38.80	-13.00	-25.80	V
2479.26	-44.75	10.60	8.39	-42.54	-13.00	-29.54	V
3305.79	-43.48	12.00	11.79	-43.27	-13.00	-30.27	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
1672.79	-40.80	9.40	4.75	-36.15	-13.00	-23.15	H
2509.11	-40.11	10.60	8.39	-37.90	-13.00	-24.90	H
3345.40	-32.25	12.00	11.79	-32.04	-13.00	-19.04	H
1672.79	-43.14	9.40	4.75	-38.49	-13.00	-25.49	V
2509.11	-45.00	10.60	8.39	-42.79	-13.00	-29.79	V
3345.40	-42.73	12.00	11.79	-42.52	-13.00	-29.52	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
1693.64	-41.10	9.40	4.75	-36.45	-13.00	-23.45	H
2539.97	-39.56	10.60	8.39	-37.35	-13.00	-24.35	H
3386.53	-31.58	12.00	11.79	-31.37	-13.00	-18.37	H
1693.64	-43.68	9.40	4.75	-39.03	-13.00	-26.03	V
2539.97	-45.38	10.60	8.39	-43.17	-13.00	-30.17	V
3386.53	-43.74	12.00	11.79	-43.53	-13.00	-30.53	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
3421.08	-33.56	12.90	12.56	-33.22	-13.00	-20.22	H
5131.91	-34.03	13.10	16.32	-37.25	-13.00	-24.25	H
6842.81	-33.13	12.33	21.13	-41.93	-13.00	-28.93	H
3421.08	-35.34	12.90	12.56	-35.00	-13.00	-22.00	V
5131.91	-34.96	13.10	16.32	-38.18	-13.00	-25.18	V
6842.81	-32.27	12.33	21.13	-41.07	-13.00	-28.07	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
3464.59	-34.63	12.90	12.56	-34.29	-13.00	-21.29	H
5196.90	-34.24	13.10	16.32	-37.46	-13.00	-24.46	H
6930.01	-33.26	12.33	21.13	-42.06	-13.00	-29.06	H
3464.59	-35.73	12.90	12.56	-35.39	-13.00	-22.39	V
5196.90	-34.59	13.10	16.32	-37.81	-13.00	-24.81	V
6930.01	-31.86	12.33	21.13	-40.66	-13.00	-27.66	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
3508.03	-34.84	12.90	12.56	-34.50	-13.00	-21.50	H
5262.17	-35.15	13.10	16.32	-38.37	-13.00	-25.37	H
7015.32	-32.19	12.33	21.13	-40.99	-13.00	-27.99	H
3508.03	-35.56	12.90	12.56	-35.22	-13.00	-22.22	V
5262.17	-35.20	13.10	16.32	-38.42	-13.00	-25.42	V
7015.32	-31.80	12.33	21.13	-40.60	-13.00	-27.60	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
3423.80	-33.67	12.90	12.56	-33.33	-13.00	-20.33	H
5135.88	-34.95	13.10	16.32	-38.17	-13.00	-25.17	H
6848.65	-32.88	12.33	21.13	-41.68	-13.00	-28.68	H
3423.80	-35.08	12.90	12.56	-34.74	-13.00	-21.74	V
5135.88	-34.89	13.10	16.32	-38.11	-13.00	-25.11	V
6848.65	-32.89	12.33	21.13	-41.69	-13.00	-28.69	V
LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.87	-34.30	12.90	12.56	-33.96	-13.00	-20.96	H
5196.74	-34.87	13.10	16.32	-38.09	-13.00	-25.09	H
6930.04	-33.24	12.33	21.13	-42.04	-13.00	-29.04	H
3464.87	-34.73	12.90	12.56	-34.39	-13.00	-21.39	V
5196.74	-33.78	13.10	16.32	-37.00	-13.00	-24.00	V
6930.04	-32.79	12.33	21.13	-41.59	-13.00	-28.59	V
LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3506.31	-34.80	12.90	12.56	-34.46	-13.00	-21.46	H
5261.82	-34.76	13.10	16.32	-37.98	-13.00	-24.98	H
7012.44	-32.34	12.33	21.13	-41.14	-13.00	-28.14	H
3506.31	-35.23	12.90	12.56	-34.89	-13.00	-21.89	V
5261.82	-35.08	13.10	16.32	-38.30	-13.00	-25.30	V
7012.44	-32.54	12.33	21.13	-41.34	-13.00	-28.34	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	-34.50	12.90	12.56	-34.16	-13.00	-21.16	H
5137.13	-34.97	13.10	16.32	-38.19	-13.00	-25.19	H
6849.93	-32.44	12.33	21.13	-41.24	-13.00	-28.24	H
3425.04	-35.72	12.90	12.56	-35.38	-13.00	-22.38	V
5137.13	-34.40	13.10	16.32	-37.62	-13.00	-24.62	V
6849.93	-32.15	12.33	21.13	-40.95	-13.00	-27.95	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
3464.60	-34.70	12.90	12.56	-34.36	-13.00	-21.36	H
5196.52	-35.08	13.10	16.32	-38.30	-13.00	-25.30	H
6929.63	-33.14	12.33	21.13	-41.94	-13.00	-28.94	H
3464.60	-35.63	12.90	12.56	-35.29	-13.00	-22.29	V
5196.52	-35.15	13.10	16.32	-38.37	-13.00	-25.37	V
6929.63	-32.78	12.33	21.13	-41.58	-13.00	-28.58	V
LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3504.95	-34.41	12.90	12.56	-34.07	-13.00	-21.07	H
5256.92	-34.31	13.10	16.32	-37.53	-13.00	-24.53	H
7010.21	-32.45	12.33	21.13	-41.25	-13.00	-28.25	H
3504.95	-35.49	12.90	12.56	-35.15	-13.00	-22.15	V
5256.92	-34.85	13.10	16.32	-38.07	-13.00	-25.07	V
7010.21	-32.21	12.33	21.13	-41.01	-13.00	-28.01	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
3430.19	-34.91	12.90	12.56	-34.57	-13.00	-21.57	H
5145.26	-34.24	13.10	16.32	-37.46	-13.00	-24.46	H
6860.34	-33.21	12.33	21.13	-42.01	-13.00	-29.01	H
3430.19	-35.85	12.90	12.56	-35.51	-13.00	-22.51	V
5145.26	-34.13	13.10	16.32	-37.35	-13.00	-24.35	V
6860.34	-32.18	12.33	21.13	-40.98	-13.00	-27.98	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
3464.41	-34.60	12.90	12.56	-34.26	-13.00	-21.26	H
5196.80	-35.00	13.10	16.32	-38.22	-13.00	-25.22	H
6929.84	-32.40	12.33	21.13	-41.20	-13.00	-28.20	H
3464.41	-35.99	12.90	12.56	-35.65	-13.00	-22.65	V
5196.80	-34.65	13.10	16.32	-37.87	-13.00	-24.87	V
6929.84	-32.03	12.33	21.13	-40.83	-13.00	-27.83	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
3500.52	-33.52	12.90	12.56	-33.18	-13.00	-20.18	H
5250.20	-34.79	13.10	16.32	-38.01	-13.00	-25.01	H
6999.96	-32.94	12.33	21.13	-41.74	-13.00	-28.74	H
3500.52	-34.88	12.90	12.56	-34.54	-13.00	-21.54	V
5250.20	-34.48	13.10	16.32	-37.70	-13.00	-24.70	V
6999.96	-32.17	12.33	21.13	-40.97	-13.00	-27.97	V



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3434.95	-34.30	12.90	12.56	-33.96	-13.00	-20.96	H
5152.26	-34.03	13.10	16.32	-37.25	-13.00	-24.25	H
6870.56	-32.34	12.33	21.13	-41.14	-13.00	-28.14	H
3434.95	-35.25	12.90	12.56	-34.91	-13.00	-21.91	V
5152.26	-35.02	13.10	16.32	-38.24	-13.00	-25.24	V
6870.56	-31.87	12.33	21.13	-40.67	-13.00	-27.67	V
LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3464.69	-33.97	12.90	12.56	-33.63	-13.00	-20.63	H
5196.38	-35.21	13.10	16.32	-38.43	-13.00	-25.43	H
6929.76	-32.33	12.33	21.13	-41.13	-13.00	-28.13	H
3464.69	-34.98	12.90	12.56	-34.64	-13.00	-21.64	V
5196.38	-33.98	13.10	16.32	-37.20	-13.00	-24.20	V
6929.76	-31.76	12.33	21.13	-40.56	-13.00	-27.56	V
LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3495.25	-34.40	12.90	12.56	-34.06	-13.00	-21.06	H
5242.15	-35.05	13.10	16.32	-38.27	-13.00	-25.27	H
6989.89	-32.48	12.33	21.13	-41.28	-13.00	-28.28	H
3495.25	-34.59	12.90	12.56	-34.25	-13.00	-21.25	V
5242.15	-34.63	13.10	16.32	-37.85	-13.00	-24.85	V
6989.89	-32.77	12.33	21.13	-41.57	-13.00	-28.57	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
3440.29	-34.44	12.90	12.56	-34.10	-13.00	-21.10	H
5160.29	-35.02	13.10	16.32	-38.24	-13.00	-25.24	H
6880.48	-32.88	12.33	21.13	-41.68	-13.00	-28.68	H
3440.29	-35.49	12.90	12.56	-35.15	-13.00	-22.15	V
5160.29	-34.98	13.10	16.32	-38.20	-13.00	-25.20	V
6880.48	-33.06	12.33	21.13	-41.86	-13.00	-28.86	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
3465.07	-33.78	12.90	12.56	-33.44	-13.00	-20.44	H
5196.62	-34.34	13.10	16.32	-37.56	-13.00	-24.56	H
6929.86	-33.09	12.33	21.13	-41.89	-13.00	-28.89	H
3465.07	-35.57	12.90	12.56	-35.23	-13.00	-22.23	V
5196.62	-34.82	13.10	16.32	-38.04	-13.00	-25.04	V
6929.86	-32.69	12.33	21.13	-41.49	-13.00	-28.49	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
3490.46	-34.48	12.90	12.56	-34.14	-13.00	-21.14	H
5235.17	-35.12	13.10	16.32	-38.34	-13.00	-25.34	H
6979.65	-33.28	12.33	21.13	-42.08	-13.00	-29.08	H
3490.46	-35.05	12.90	12.56	-34.71	-13.00	-21.71	V
5235.17	-34.63	13.10	16.32	-37.85	-13.00	-24.85	V
6979.65	-32.76	12.33	21.13	-41.56	-13.00	-28.56	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
1648.75	-34.30	9.56	9.72	-34.46	-13.00	-21.46	H
2473.54	-35.38	10.50	10.86	-35.74	-13.00	-22.74	H
3298.41	-33.57	12.78	11.57	-32.36	-13.00	-19.36	H
1648.75	-35.63	9.56	9.72	-35.79	-13.00	-22.79	V
2473.54	-35.01	10.50	10.86	-35.37	-13.00	-22.37	V
3298.41	-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 Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.88	-34.88	9.56	9.72	-35.04	-13.00	-22.04	H
2509.17	-34.57	10.50	10.86	-34.93	-13.00	-21.93	H
3345.69	-33.31	12.78	11.57	-32.10	-13.00	-19.10	H
1672.88	-35.24	9.56	9.72	-35.40	-13.00	-22.40	V
2509.17	-34.48	10.50	10.86	-34.84	-13.00	-21.84	V
3345.69	-33.19	12.78	11.57	-31.98	-13.00	-18.98	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
1696.25	-34.15	9.56	9.72	-34.31	-13.00	-21.31	H
2544.71	-34.07	10.50	10.86	-34.43	-13.00	-21.43	H
3393.17	-32.34	12.78	11.57	-31.13	-13.00	-18.13	H
1696.25	-35.60	9.56	9.72	-35.76	-13.00	-22.76	V
2544.71	-34.87	10.50	10.86	-35.23	-13.00	-22.23	V
3393.17	-32.79	12.78	11.57	-31.58	-13.00	-18.58	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	-34.86	9.56	9.72	-35.02	-13.00	-22.02	H
2476.01	-35.41	10.50	10.86	-35.77	-13.00	-22.77	H
3301.70	-33.09	12.78	11.57	-31.88	-13.00	-18.88	H
1650.29	-35.87	9.56	9.72	-36.03	-13.00	-23.03	V
2476.01	-35.04	10.50	10.86	-35.40	-13.00	-22.40	V
3301.70	-31.92	12.78	11.57	-30.71	-13.00	-17.71	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
1672.50	-34.46	9.56	9.72	-34.62	-13.00	-21.62	H
2508.67	-34.07	10.50	10.86	-34.43	-13.00	-21.43	H
3345.82	-32.78	12.78	11.57	-31.57	-13.00	-18.57	H
1672.50	-35.10	9.56	9.72	-35.26	-13.00	-22.26	V
2508.67	-35.13	10.50	10.86	-35.49	-13.00	-22.49	V
3345.82	-31.96	12.78	11.57	-30.75	-13.00	-17.75	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
1694.67	-33.47	9.56	9.72	-33.63	-13.00	-20.63	H
2541.86	-34.78	10.50	10.86	-35.14	-13.00	-22.14	H
3389.50	-33.31	12.78	11.57	-32.10	-13.00	-19.10	H
1694.67	-34.71	9.56	9.72	-34.87	-13.00	-21.87	V
2541.86	-33.88	10.50	10.86	-34.24	-13.00	-21.24	V
3389.50	-32.38	12.78	11.57	-31.17	-13.00	-18.17	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
1652.67	-34.84	9.56	9.72	-35.00	-13.00	-22.00	H
2478.91	-35.05	10.50	10.86	-35.41	-13.00	-22.41	H
3305.69	-32.72	12.78	11.57	-31.51	-13.00	-18.51	H
1652.67	-35.86	9.56	9.72	-36.02	-13.00	-23.02	V
2478.91	-34.11	10.50	10.86	-34.47	-13.00	-21.47	V
3305.69	-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 Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.20	-34.31	9.56	9.72	-34.47	-13.00	-21.47	H
2508.83	-35.02	10.50	10.86	-35.38	-13.00	-22.38	H
3345.21	-32.61	12.78	11.57	-31.40	-13.00	-18.40	H
1672.20	-35.00	9.56	9.72	-35.16	-13.00	-22.16	V
2508.83	-35.00	10.50	10.86	-35.36	-13.00	-22.36	V
3345.21	-32.56	12.78	11.57	-31.35	-13.00	-18.35	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
1692.44	-34.64	9.56	9.72	-34.80	-13.00	-21.80	H
2539.06	-34.54	10.50	10.86	-34.90	-13.00	-21.90	H
3385.52	-33.60	12.78	11.57	-32.39	-13.00	-19.39	H
1692.44	-35.75	9.56	9.72	-35.91	-13.00	-22.91	V
2539.06	-33.90	10.50	10.86	-34.26	-13.00	-21.26	V
3385.52	-32.16	12.78	11.57	-30.95	-13.00	-17.95	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
1657.95	-34.00	9.56	9.72	-34.16	-13.00	-21.16	H
2486.19	-34.40	10.50	10.86	-34.76	-13.00	-21.76	H
3315.14	-33.10	12.78	11.57	-31.89	-13.00	-18.89	H
1657.95	-35.74	9.56	9.72	-35.90	-13.00	-22.90	V
2486.19	-34.75	10.50	10.86	-35.11	-13.00	-22.11	V
3315.14	-32.63	12.78	11.57	-31.42	-13.00	-18.42	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
1672.23	-33.62	9.56	9.72	-33.78	-13.00	-20.78	H
2508.82	-34.88	10.50	10.86	-35.24	-13.00	-22.24	H
3345.37	-33.29	12.78	11.57	-32.08	-13.00	-19.08	H
1672.23	-34.68	9.56	9.72	-34.84	-13.00	-21.84	V
2508.82	-34.01	10.50	10.86	-34.37	-13.00	-21.37	V
3345.37	-31.95	12.78	11.57	-30.74	-13.00	-17.74	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
1687.53	-34.46	9.56	9.72	-34.62	-13.00	-21.62	H
2531.57	-34.06	10.50	10.86	-34.42	-13.00	-21.42	H
3375.46	-33.43	12.78	11.57	-32.22	-13.00	-19.22	H
1687.53	-35.75	9.56	9.72	-35.91	-13.00	-22.91	V
2531.57	-34.73	10.50	10.86	-35.09	-13.00	-22.09	V
3375.46	-31.75	12.78	11.57	-30.54	-13.00	-17.54	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
5005.19	-34.37	12.66	15.86	-37.57	-25.00	-12.57	H
7507.85	-34.25	11.46	19.28	-42.07	-25.00	-17.07	H
10010.47	-32.94	12.79	23.19	-43.34	-25.00	-18.34	H
5005.19	-35.12	12.66	15.86	-38.32	-25.00	-13.32	V
7507.85	-34.53	11.46	19.28	-42.35	-25.00	-17.35	V
10010.47	-33.10	12.79	23.19	-43.50	-25.00	-18.50	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
5069.67	-33.95	12.72	15.86	-37.09	-25.00	-12.09	H
7604.70	-35.04	11.46	19.28	-42.86	-25.00	-17.86	H
10139.82	-33.53	12.09	23.19	-44.63	-25.00	-19.63	H
5069.67	-35.93	12.72	15.86	-39.07	-25.00	-14.07	V
7604.70	-34.23	11.46	19.28	-42.05	-25.00	-17.05	V
10139.82	-32.00	12.09	23.19	-43.10	-25.00	-18.10	V
LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5133.65	-34.87	12.76	15.86	-37.97	-25.00	-12.97	H
7701.46	-35.29	11.45	19.28	-43.12	-25.00	-18.12	H
10268.30	-32.46	12.28	23.19	-43.37	-25.00	-18.37	H
5133.65	-35.17	12.76	15.86	-38.27	-25.00	-13.27	V
7701.46	-34.06	11.45	19.28	-41.89	-25.00	-16.89	V
10268.30	-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
5010.30	-34.62	12.66	15.86	-37.82	-25.00	-12.82	H
7515.45	-35.31	11.46	19.28	-43.13	-25.00	-18.13	H
10020.48	-33.21	12.79	23.19	-43.61	-25.00	-18.61	H
5010.30	-35.02	12.66	15.86	-38.22	-25.00	-13.22	V
7515.45	-34.58	11.46	19.28	-42.40	-25.00	-17.40	V
10020.48	-32.63	12.79	23.19	-43.03	-25.00	-18.03	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
5070.08	-33.44	12.72	15.86	-36.58	-25.00	-11.58	H
7604.79	-34.67	11.46	19.28	-42.49	-25.00	-17.49	H
10139.79	-32.91	12.09	23.19	-44.01	-25.00	-19.01	H
5070.08	-34.59	12.72	15.86	-37.73	-25.00	-12.73	V
7604.79	-33.82	11.46	19.28	-41.64	-25.00	-16.64	V
10139.79	-33.06	12.09	23.19	-44.16	-25.00	-19.16	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
5129.10	-34.86	12.76	15.86	-37.96	-25.00	-12.96	H
7693.97	-34.46	11.45	19.28	-42.29	-25.00	-17.29	H
10258.55	-32.26	12.28	23.19	-43.17	-25.00	-18.17	H
5129.10	-35.21	12.76	15.86	-38.31	-25.00	-13.31	V
7693.97	-34.81	11.45	19.28	-42.64	-25.00	-17.64	V
10258.55	-32.80	12.28	23.19	-43.71	-25.00	-18.71	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
5015.46	-33.45	12.66	15.86	-36.65	-25.00	-11.65	H
7523.79	-34.65	11.46	19.28	-42.47	-25.00	-17.47	H
10031.65	-33.52	12.79	23.19	-43.92	-25.00	-18.92	H
5015.46	-34.70	12.66	15.86	-37.90	-25.00	-12.90	V
7523.79	-34.07	11.46	19.28	-41.89	-25.00	-16.89	V
10031.65	-32.24	12.79	23.19	-42.64	-25.00	-17.64	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
5069.63	-34.37	12.72	15.86	-37.51	-25.00	-12.51	H
7604.94	-34.39	11.46	19.28	-42.21	-25.00	-17.21	H
10139.56	-32.92	12.09	23.19	-44.02	-25.00	-19.02	H
5069.63	-35.62	12.72	15.86	-38.76	-25.00	-13.76	V
7604.94	-34.27	11.46	19.28	-42.09	-25.00	-17.09	V
10139.56	-31.98	12.09	23.19	-43.08	-25.00	-18.08	V
LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5123.23	-34.05	12.76	15.86	-37.15	-25.00	-12.15	H
7523.82	-35.43	11.45	19.28	-43.26	-25.00	-18.26	H
10032.19	-33.07	12.28	23.19	-43.98	-25.00	-18.98	H
5123.23	-35.20	12.76	15.86	-38.30	-25.00	-13.30	V
7523.82	-33.85	11.45	19.28	-41.68	-25.00	-16.68	V
10032.19	-31.77	12.28	23.19	-42.68	-25.00	-17.68	V



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5021.22	-34.63	12.66	15.86	-37.83	-25.00	-12.83	H
7531.27	-35.36	11.46	19.28	-43.18	-25.00	-18.18	H
10258.94	-33.62	12.79	23.19	-44.02	-25.00	-19.02	H
5021.22	-35.34	12.66	15.86	-38.54	-25.00	-13.54	V
7531.27	-34.72	11.46	19.28	-42.54	-25.00	-17.54	V
10258.94	-32.39	12.79	23.19	-42.79	-25.00	-17.79	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
5070.02	-34.54	12.72	15.86	-37.68	-25.00	-12.68	H
7604.81	-34.25	11.46	19.28	-42.07	-25.00	-17.07	H
10139.69	-32.55	12.09	23.19	-43.65	-25.00	-18.65	H
5070.02	-34.78	12.72	15.86	-37.92	-25.00	-12.92	V
7604.81	-34.24	11.46	19.28	-42.06	-25.00	-17.06	V
10139.69	-32.74	12.09	23.19	-43.84	-25.00	-18.84	V
LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5118.91	-34.19	12.76	15.86	-37.29	-25.00	-12.29	H
7678.35	-35.23	11.45	19.28	-43.06	-25.00	-18.06	H
10237.63	-32.58	12.28	23.19	-43.49	-25.00	-18.49	H
5118.91	-35.33	12.76	15.86	-38.43	-25.00	-13.43	V
7678.35	-34.27	11.45	19.28	-42.10	-25.00	-17.10	V
10237.63	-32.16	12.28	23.19	-43.07	-25.00	-18.07	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
1399.19	-34.80	8.17	9.34	-35.97	-13.00	-22.97	H
2098.71	-34.52	9.53	10.42	-35.41	-13.00	-22.41	H
2798.71	-33.34	11.27	11.12	-33.19	-13.00	-20.19	H
1399.19	-35.81	8.17	9.34	-36.98	-13.00	-23.98	V
2098.71	-33.90	9.53	10.42	-34.79	-13.00	-21.79	V
2798.71	-32.83	11.27	11.12	-32.68	-13.00	-19.68	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
1414.56	-33.93	8.17	9.34	-35.10	-13.00	-22.10	H
2122.49	-34.46	9.53	10.42	-35.35	-13.00	-22.35	H
2829.98	-32.34	11.27	11.12	-32.19	-13.00	-19.19	H
1414.56	-35.35	8.17	9.34	-36.52	-13.00	-23.52	V
2122.49	-33.92	9.53	10.42	-34.81	-13.00	-21.81	V
2829.98	-32.24	11.27	11.12	-32.09	-13.00	-19.09	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
1430.29	-34.25	8.17	9.34	-35.42	-13.00	-22.42	H
2145.42	-35.07	9.53	10.42	-35.96	-13.00	-22.96	H
2860.92	-33.28	11.27	11.12	-33.13	-13.00	-20.13	H
1430.29	-34.99	8.17	9.34	-36.16	-13.00	-23.16	V
2145.42	-35.10	9.53	10.42	-35.99	-13.00	-22.99	V
2860.92	-32.62	11.27	11.12	-32.47	-13.00	-19.47	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
1400.56	-34.63	8.17	9.34	-35.80	-13.00	-22.80	H
2101.31	-34.55	9.53	10.42	-35.44	-13.00	-22.44	H
2801.95	-33.46	11.27	11.12	-33.31	-13.00	-20.31	H
1400.56	-35.32	8.17	9.34	-36.49	-13.00	-23.49	V
2101.31	-33.84	9.53	10.42	-34.73	-13.00	-21.73	V
2801.95	-32.75	11.27	11.12	-32.60	-13.00	-19.60	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
1414.84	-34.03	8.17	9.34	-35.20	-13.00	-22.20	H
2122.25	-34.64	9.53	10.42	-35.53	-13.00	-22.53	H
2829.70	-33.07	11.27	11.12	-32.92	-13.00	-19.92	H
1414.84	-35.18	8.17	9.34	-36.35	-13.00	-23.35	V
2122.25	-34.87	9.53	10.42	-35.76	-13.00	-22.76	V
2829.70	-32.25	11.27	11.12	-32.10	-13.00	-19.10	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
1428.94	-34.41	8.17	9.34	-35.58	-13.00	-22.58	H
2143.10	-34.18	9.53	10.42	-35.07	-13.00	-22.07	H
2857.58	-32.23	11.27	11.12	-32.08	-13.00	-19.08	H
1428.94	-35.12	8.17	9.34	-36.29	-13.00	-23.29	V
2143.10	-33.99	9.53	10.42	-34.88	-13.00	-21.88	V
2857.58	-33.01	11.27	11.12	-32.86	-13.00	-19.86	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
1402.65	-34.75	8.17	9.34	-35.92	-13.00	-22.92	H
2104.22	-35.13	9.53	10.42	-36.02	-13.00	-23.02	H
2805.58	-32.26	11.27	11.12	-32.11	-13.00	-19.11	H
1402.65	-35.77	8.17	9.34	-36.94	-13.00	-23.94	V
2104.22	-34.73	9.53	10.42	-35.62	-13.00	-22.62	V
2805.58	-33.06	11.27	11.12	-32.91	-13.00	-19.91	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
1414.85	-33.70	8.17	9.34	-34.87	-13.00	-21.87	H
2122.40	-34.64	9.53	10.42	-35.53	-13.00	-22.53	H
2829.58	-33.27	11.27	11.12	-33.12	-13.00	-20.12	H
1414.85	-35.05	8.17	9.34	-36.22	-13.00	-23.22	V
2122.40	-34.62	9.53	10.42	-35.51	-13.00	-22.51	V
2829.58	-32.50	11.27	11.12	-32.35	-13.00	-19.35	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
1427.00	-34.48	8.17	9.34	-35.65	-13.00	-22.65	H
2140.48	-34.63	9.53	10.42	-35.52	-13.00	-22.52	H
2853.76	-33.21	11.27	11.12	-33.06	-13.00	-20.06	H
1427.00	-35.40	8.17	9.34	-36.57	-13.00	-23.57	V
2140.48	-35.08	9.53	10.42	-35.97	-13.00	-22.97	V
2853.76	-32.73	11.27	11.12	-32.58	-13.00	-19.58	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
1407.84	-33.71	8.17	9.34	-34.88	-13.00	-21.88	H
2111.67	-34.90	9.53	10.42	-35.79	-13.00	-22.79	H
2815.89	-32.54	11.27	11.12	-32.39	-13.00	-19.39	H
1407.84	-34.61	8.17	9.34	-35.78	-13.00	-22.78	V
2111.67	-34.86	9.53	10.42	-35.75	-13.00	-22.75	V
2815.89	-32.25	11.27	11.12	-32.10	-13.00	-19.10	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
1414.53	-34.77	8.17	9.34	-35.94	-13.00	-22.94	H
2122.39	-34.90	9.53	10.42	-35.79	-13.00	-22.79	H
2829.98	-32.85	11.27	11.12	-32.70	-13.00	-19.70	H
1414.53	-35.99	8.17	9.34	-37.16	-13.00	-24.16	V
2122.39	-34.83	9.53	10.42	-35.72	-13.00	-22.72	V
2829.98	-32.49	11.27	11.12	-32.34	-13.00	-19.34	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
1421.87	-33.64	8.17	9.34	-34.81	-13.00	-21.81	H
2132.82	-34.69	9.53	10.42	-35.58	-13.00	-22.58	H
2843.56	-33.19	11.27	11.12	-33.04	-13.00	-20.04	H
1421.87	-34.79	8.17	9.34	-35.96	-13.00	-22.96	V
2132.82	-34.40	9.53	10.42	-35.29	-13.00	-22.29	V
2843.56	-32.22	11.27	11.12	-32.07	-13.00	-19.07	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
4997.07	-34.21	12.66	15.86	-37.41	-25.00	-12.41	H
7495.60	-34.27	11.46	19.28	-42.09	-25.00	-17.09	H
9993.97	-32.47	12.79	23.19	-42.87	-25.00	-17.87	H
4997.07	-35.40	12.66	15.86	-38.60	-25.00	-13.60	V
7495.60	-34.25	11.46	19.28	-42.07	-25.00	-17.07	V
9993.97	-32.63	12.79	23.19	-43.03	-25.00	-18.03	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
5185.91	-34.45	12.72	15.86	-37.59	-25.00	-12.59	H
7779.09	-35.29	11.46	19.28	-43.11	-25.00	-18.11	H
10371.91	-32.38	12.09	23.19	-43.48	-25.00	-18.48	H
5185.91	-34.57	12.72	15.86	-37.71	-25.00	-12.71	V
7779.09	-35.09	11.46	19.28	-42.91	-25.00	-17.91	V
10371.91	-32.72	12.09	23.19	-43.82	-25.00	-18.82	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
5374.76	-34.42	12.76	15.86	-37.52	-25.00	-12.52	H
8062.53	-35.31	11.45	19.28	-43.14	-25.00	-18.14	H
10750.33	-32.94	12.28	23.19	-43.85	-25.00	-18.85	H
5374.76	-34.67	12.76	15.86	-37.77	-25.00	-12.77	V
8062.53	-33.91	11.45	19.28	-41.74	-25.00	-16.74	V
10750.33	-32.69	12.28	23.19	-43.60	-25.00	-18.60	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
5002.07	-33.62	12.66	15.86	-36.82	-25.00	-11.82	H
7503.06	-34.88	11.46	19.28	-42.70	-25.00	-17.70	H
10004.06	-32.29	12.79	23.19	-42.69	-25.00	-17.69	H
5002.07	-35.91	12.66	15.86	-39.11	-25.00	-14.11	V
7503.06	-35.23	11.46	19.28	-43.05	-25.00	-18.05	V
10004.06	-32.99	12.79	23.19	-43.39	-25.00	-18.39	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
5186.07	-34.89	12.72	15.86	-38.03	-25.00	-13.03	H
7779.07	-34.31	11.46	19.28	-42.13	-25.00	-17.13	H
10371.88	-32.60	12.09	23.19	-43.70	-25.00	-18.70	H
5186.07	-35.90	12.72	15.86	-39.04	-25.00	-14.04	V
7779.07	-34.14	11.46	19.28	-41.96	-25.00	-16.96	V
10371.88	-31.95	12.09	23.19	-43.05	-25.00	-18.05	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
5370.09	-34.31	12.76	15.86	-37.41	-25.00	-12.41	H
8054.85	-34.96	11.45	19.28	-42.79	-25.00	-17.79	H
10739.91	-32.24	12.28	23.19	-43.15	-25.00	-18.15	H
5370.09	-35.11	12.76	15.86	-38.21	-25.00	-13.21	V
8054.85	-34.04	11.45	19.28	-41.87	-25.00	-16.87	V
10739.91	-31.87	12.28	23.19	-42.78	-25.00	-17.78	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
5007.10	-34.32	12.66	15.86	-37.52	-25.00	-12.52	H
7510.48	-34.49	11.46	19.28	-42.31	-25.00	-17.31	H
10014.37	-32.48	12.79	23.19	-42.88	-25.00	-17.88	H
5007.10	-35.29	12.66	15.86	-38.49	-25.00	-13.49	V
7510.48	-34.35	11.46	19.28	-42.17	-25.00	-17.17	V
10014.37	-32.69	12.79	23.19	-43.09	-25.00	-18.09	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
5185.95	-33.60	12.72	15.86	-36.74	-25.00	-11.74	H
7779.17	-34.75	11.46	19.28	-42.57	-25.00	-17.57	H
10372.02	-33.52	12.09	23.19	-44.62	-25.00	-19.62	H
5185.95	-35.85	12.72	15.86	-38.99	-25.00	-13.99	V
7779.17	-34.12	11.46	19.28	-41.94	-25.00	-16.94	V
10372.02	-32.06	12.09	23.19	-43.16	-25.00	-18.16	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
5365.07	-34.00	12.76	15.86	-37.10	-25.00	-12.10	H
8047.61	-35.17	11.45	19.28	-43.00	-25.00	-18.00	H
10729.93	-33.08	12.28	23.19	-43.99	-25.00	-18.99	H
5365.07	-35.96	12.76	15.86	-39.06	-25.00	-14.06	V
8047.61	-34.42	11.45	19.28	-42.25	-25.00	-17.25	V
10729.93	-32.72	12.28	23.19	-43.63	-25.00	-18.63	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
5012.30	-34.64	12.66	15.86	-37.84	-25.00	-12.84	H
7518.13	-34.00	11.46	19.28	-41.82	-25.00	-16.82	H
10024.02	-32.66	12.79	23.19	-43.06	-25.00	-18.06	H
5012.30	-35.31	12.66	15.86	-38.51	-25.00	-13.51	V
7518.13	-34.98	11.46	19.28	-42.80	-25.00	-17.80	V
10024.02	-31.78	12.79	23.19	-42.18	-25.00	-17.18	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
5186.06	-34.12	12.72	15.86	-37.26	-25.00	-12.26	H
7779.14	-34.04	11.46	19.28	-41.86	-25.00	-16.86	H
10372.04	-32.87	12.09	23.19	-43.97	-25.00	-18.97	H
5186.06	-35.01	12.72	15.86	-38.15	-25.00	-13.15	V
7779.14	-33.96	11.46	19.28	-41.78	-25.00	-16.78	V
10372.04	-33.18	12.09	23.19	-44.28	-25.00	-19.28	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
5360.21	-33.92	12.76	15.86	-37.02	-25.00	-12.02	H
8040.16	-35.36	11.45	19.28	-43.19	-25.00	-18.19	H
10720.20	-32.58	12.28	23.19	-43.49	-25.00	-18.49	H
5360.21	-35.02	12.76	15.86	-38.12	-25.00	-13.12	V
8040.16	-34.90	11.45	19.28	-42.73	-25.00	-17.73	V
10720.20	-33.20	12.28	23.19	-44.11	-25.00	-19.11	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*****