

**FCC 47 CFR PART 22 SUBPART H AND PART 24 SUBPART E
&
INDUSTRY CANADA RSS-132 & RSS-133**

TEST REPORT

For

LE910-NAG

Trade Name: Telit

Model: LE910-NAG

Issued to

**Telit Communications S.p.A.
Via Stazione di Prosecco 5/B
34010 Sgonico, Trieste - Italy**

Issued by

**Compliance Certification Services Inc.
No.11, Wugong 6th Rd., Wugu Dist.,
New Taipei City 24891, Taiwan. (R.O.C.)**

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Issued Date: June 4, 2015



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Revision History

Rev.		Issue Date		Revisions	Effect Page	Revised By
00		June 4, 2015		Initial Issue	ALL	Doris Chu

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1. TEST RESULT CERTIFICATION

Applicant: Telit Communications S.p.A.
Via Stazione di Prosecco 5/B
34010 Sgonico, Trieste - Italy

Manufacturer: Telit Communications S.p.A.
Via Stazione di Prosecco 5/B
34010 Sgonico, Trieste - Italy

Equipment Under Test: LE910-NAG

Trade Name: Telit

Model Number: LE910-NAG

Date of Test: June 1 ~ 3, 2015

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
FCC 47 CFR PART 22 SUBPART H AND PART 24 SUBPART E & IC RSS-132 Issue 3: January, 2013 and IC RSS-133 Issue 6: January, 2013	No non-compliance noted

We hereby certify that:

The above equipment was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in TIA/EIA-603-C and the energy emitted by the sample EUT tested as described in this report is in compliance with radiated emission limits of FCC Rule FCC PART 22 Subpart H, PART 24 Subpart E, IC RSS-132 Issue 3 and IC RSS-133 Issue 6.

The test results of this report relate only to the tested sample identified in this report.

Approved by:



Miller Lee
Manager
Compliance Certification Services Inc.

Reviewed by:



Angel Cheng
Section Manager
Compliance Certification Services Inc.

2. EUT DESCRIPTION

Product	LE910-NAG
Trade Name	Telit
Model Number	LE910-NAG
Model Discrepancy	N/A
Received Date	May 28, 2015
Power Supply	DC 3.8V powered from Host device.
Frequency Range	GSM / GPRS / EDGE: 850: 824.2 ~ 848.8 MHz GSM / GPRS / EDGE: 1900: 1850.2 ~ 1909.8 MHz WCDMA / HSDPA / HSUPA Band II: 1852.4 ~ 1907.6 MHz WCDMA / HSDPA / HSUPA Band V: 826.4 ~ 846.6MHz
Transmit Power (ERP & EIRP Power)	GSM 850: 30.40 dBm GSM 1900: 26.71 dBm GPRS 850: 29.81 dBm GPRS 1900: 26.59 dBm EDGE 850: 27.63 dBm EDGE 1900: 25.05 dBm WCDMA Band II: 15.04 dBm HSDPA Band II: 18.96 dBm HSUPA Band II: 18.11 dBm WCDMA Band V: 22.47 dBm HSDPA Band V: 20.90 dBm HSUPA Band V: 22.61 dBm
Modulation Technique	GMSK, 8PSK, QPSK
Category	9
Antenna Specification	1/4l Antenna / Gain: 2.14 dBi

Remark: The sample selected for test was engineering sample that approximated to production product and was provided by manufacturer.

3. TEST METHODOLOGY

Both conducted and radiated testing were performed according to the procedures document on chapter 13 of ANSI C63.10: 2013, TIA/EIA-603-C: 2004 and FCC CFR 47, Part 2 and Part 22 Subpart H & Part 24 Subpart E.

The tests documented in this report were performed in accordance with IC RSS-132, SPSR503, RSS-133, SPSR510 and ANSI C63.10: 2013 and TIA/EIA-603-C.

3.1 EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

3.2 EUT EXERCISE

The EUT was operated in the engineering mode to fix the TX frequency that was for the purpose of the measurements.

3.3 GENERAL TEST PROCEDURES

Conducted Emissions

According to the requirements in ANSI C63.10: 2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-peak and average detector modes.

Radiated Emissions

The EUT is placed on a turn table, which is 1.5 m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in ANSI C63.10: 2013.

3.4 DESCRIPTION OF TEST MODES

The EUT (model: LE910-NAG) had been tested under operating condition.

EUT staying in continuous transmitting mode was programmed.

After verification, all tests carried out are with the worst-case test modes as shown below except radiated spurious emission below 1GHz which worst case was in normal link mode.

GSM / GPRS / EDGE 850MHz:

Channel Low (CH128), Channel Mid (CH190) and Channel High (CH251) were chosen for full testing.

GSM / GPRS / EDGE 1900MHz:

Channel Low (CH512), Channel Mid (CH661) and Channel High (CH810) were chosen for full testing.

WCDMA Band II:

Channel Low (CH9262), Channel Mid (CH9400) and Channel High (CH9538) were chosen for full testing.

WCDMA Band V:

Channel Low (CH4132), Channel Mid (CH4182) and Channel High (CH4233) were chosen for full testing.

WCDMA / HSDPA Band II:

Channel Low (CH9262), Channel Mid (CH9400) and Channel High (CH9538) were chosen for full testing.

WCDMA / HSDPA Band V:

Channel Low (CH4132), Channel Mid (CH4182) and Channel High (CH4233) were chosen for full testing.

WCDMA / HSUPA Band II:

Channel Low (CH9262), Channel Mid (CH9400) and Channel High (CH9538) were chosen for full testing.

WCDMA / HSDPA Band V:

Channel Low (CH4132), Channel Mid (CH4182) and Channel High (CH4233) were chosen for full testing.

4. INSTRUMENT CALIBRATION

4.1 MEASURING INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

4.2 MEASUREMENT EQUIPMENT USED

Equipment Used for Emissions Measurement

Remark: Each piece of equipment is scheduled for calibration once a year and Loop Antenna is scheduled for calibration once three years.

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	E4407B	MY44212686	03/17/2016
Pre-Amplifier	MITEQ	AFS44-00102650-42-10P-44	1042473	03/04/2016
Bilog Antenna	Sunol Sciences	JB3	A030205	08/18/2015
Turn Table	CCS	CC-T-1F	N/A	N.C.R
Antenna Tower	CCS	CC-A-1F	N/A	N.C.R
Controller	CCS	CC-C-1F	N/A	N.C.R
Spectrum Analyzer	ROHDE&SCHWARZ	FSV40	101073	07/09/2015
Horn Antenna	EMCO	3117	00055165	01/26/2016
Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMU 200	100535	09/02/2015

4.3 MEASUREMENT UNCERTAINTY

PARAMETER	UNCERTAINTY
3M Semi Anechoic Chamber / 30M~200M	+/- 4.0138
3M Semi Anechoic Chamber / 200M~1000M	+/- 3.9483
3M Semi Anechoic Chamber / 1G~8G	+/- 2.5975
3M Semi Anechoic Chamber / 8G~18G	+/- 2.6112
3M Semi Anechoic Chamber / 18G~26G	+/- 2.7389
3M Semi Anechoic Chamber / 26G~40G	+/- 2.9683

Remark: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

5. FACILITIES AND ACCREDITATIONS

5.1 FACILITIES

All measurement facilities used to collect the measurement data are located at

☐ No.199, Chunghsen Road, Hsintien City, Taipei Hsien, Taiwan, R.O.C.
Tel: 886-2-2217-0894 / Fax: 886-2-2217-1029

☒ No.11, Wugong 6th Rd., Wugu Dist., New Taipei City 24891, Taiwan. (R.O.C.)
Tel: 886-2-2299-9720 / Fax: 886-2-2298-4045

☐ No.81-1, Lane 210, Bade 2nd Rd., Lujhu Township, Taoyuan County 33841, TAIWAN, R.O.C.
Tel: 886-3-324-0332 / Fax: 886-3-324-5235

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10: 2013 and CISPR Publication 22.

5.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, biconical, log periodic, bi-log, ridged waveguide, horn and/or Loop. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

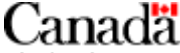
Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

5.3 LABORATORY ACCREDITATIONS AND LISTING

The test facilities used to perform radiated and conducted emissions tests are accredited by American Association for Laboratory Accreditation Program for the specific scope accreditation under Lab Code: 0824-01 to perform Electromagnetic Interference tests according to FCC Part 15 and CISPR 22 requirements. In addition, the test facilities are listed with Industry Canada, Certification and Engineering Bureau, IC 2324G-1 for 3M Semi Anechoic Chamber A, 2324G-2 for 3M Semi Anechoic Chamber B.

5.4 TABLE OF ACCREDITATIONS AND LISTINGS

Country	Agency	Scope of Accreditation	Logo
USA	FCC	3M Semi Anechoic Chamber (FCC MRA: TW1039) to perform FCC Part 15 measurements	 FCC MRA: TW1039
Taiwan	TAF	LP0002, RTTE01, FCC Method-47 CFR Part 15 Subpart C, D, E, RSS-210, RSS-310 IDA TS SRD, AS/NZS 4268, AS/NZS 4771, TS 12.1 & 12.2, ETSI EN 300 440-1, ETSI EN 300 440-2, ETSI EN 300 328, ETSI EN 300 220-1, ETSI EN 300 220-2, ETSI EN 301 893, ETSI EN 301 489-1/3/7/17 FCC OET Bulletin 65 + Supplement C, EN 50360, EN 50361, EN 50371, RSS 102, EN 50383, EN 50385, EN 50392, IEC 62209, CNS 14958-1, CNS 14959 FCC Method -47 CFR Part 15 Subpart B IEC / EN 61000-3-2, IEC / EN 61000-3-3, IEC / EN 61000-4-2/3/4/5/6/8/11	
Canada	Industry Canada	3M Semi Anechoic Chamber (IC 2324G-1 / IC 2324G-2) to perform	 IC 2324G-1 IC 2324G-2

** No part of this report may be used to claim or imply product endorsement by A2LA or any agency of the US Government.*

6. SETUP OF EQUIPMENT UNDER TEST

6.1 SETUP CONFIGURATION OF EUT

See test photographs attached in Appendix II for the actual connections between EUT and support equipment.

6.2 SUPPORT EQUIPMENT

No.	Device Type	Brand	Model	Series No.	FCC ID	Data Cable	Power Cord
	N/A						

Remark:

- All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.*
- Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.*

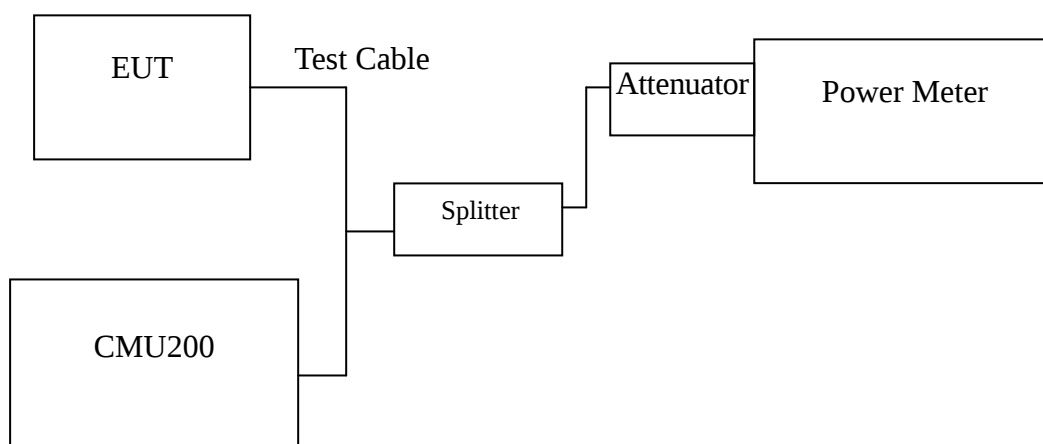
7. FCC PART 22 & 24 REQUIREMENTS & INDUSTRY CANADA RSS-132 & RSS-133

7.1 PEAK POWER

LIMIT

According to FCC §2.1046.

Test Configuration



Remark: Measurement setup for testing on Antenna connector

TEST PROCEDURE

The transmitter output was connected to a calibrated attenuator, the other end of which was connected to a power meter. Transmitter output was read off the power meter in dBm. The power output at the transmitter antenna port was determined by adding the value of the attenuator to the power meter reading.

TEST RESULTS

No non-compliance noted.

Test Data

Test Mode	CH	Frequency (MHz)	Peak Power (dBm)	Output Power (W)
GSM 850	128	824.20	32.50	1.77828
	190	836.40	32.60	1.81970
	251	848.80	32.90	1.94984
GPRS 850	128	824.20	31.70	1.47911
	190	836.40	32.20	1.65959
	251	848.80	32.10	1.62181
EDGE 850	128	824.20	32.36	1.72187
	190	836.40	32.30	1.69824
	251	848.80	32.34	1.71396

Test Mode	CH	Frequency (MHz)	Peak Power (dBm)	Output Power (W)
GSM 1900	512	1850.20	29.59	0.90991
	661	1880.00	29.76	0.94624
	810	1910.00	29.88	0.97275
GPRS 1900	512	1850.20	29.20	0.83176
	661	1880.00	29.24	0.83946
	810	1910.00	29.20	0.83176
EDGE 1900	512	1850.20	29.53	0.89743
	661	1880.00	29.46	0.88308
	810	1910.00	29.57	0.90573

Remark: The value of factor includes both the loss of cable and external attenuator

Test Mode	CH	Frequency (MHz)	Peak Power (dBm)	Output Power (W)
WCDMA (BAND II)	9262	1852.40	26.59	0.45604
	9400	1880.00	26.62	0.45920
	9538	1907.60	26.47	0.44361
WCDMA (BAND V)	4132	826.40	26.27	0.42364
	4182	836.40	26.20	0.41687
	4233	846.60	26.48	0.44463

Test Mode	CH	Frequency (MHz)	Peak Power (dBm)	Output Power (W)
WCDMA / HSDPA (BAND II)	9262	1852.40	27.43	0.55335
	9400	1880.00	27.58	0.57280
	9538	1907.60	27.39	0.54828
WCDMA / HSDPA (BAND V)	4132	826.40	27.06	0.50816
	4182	836.40	27.03	0.50466
	4233	846.60	27.06	0.50816

Test Mode	CH	Frequency (MHz)	Peak Power (dBm)	Output Power (W)
WCDMA / HSUPA (BAND II)	9262	1852.40	27.00	0.50119
	9400	1880.00	27.02	0.50350
	9538	1907.60	26.87	0.48641
WCDMA / HSUPA (BAND V)	4132	826.40	27.37	0.54576
	4182	836.40	27.00	0.50119
	4233	846.60	27.27	0.53333

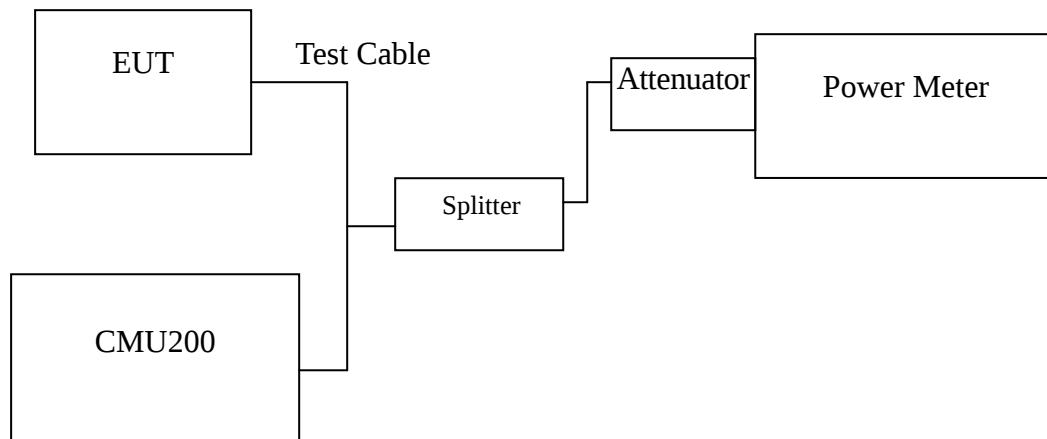
Remark: The value of factor includes both the loss of cable and external attenuator

7.2 AVERAGE POWER

LIMIT

For reporting purposes only.

Test Configuration



Remark: Measurement setup for testing on Antenna connector

TEST PROCEDURE

The transmitter output was connected to a calibrated attenuator, the other end of which was connected to a power meter. Transmitter output was read off the power meter in dBm. The power output at the transmitter antenna port was determined by adding the value of the attenuator to the power meter reading.

TEST RESULTS

No non-compliance noted.

Test Data

Test Mode	CH	Frequency (MHz)	Average Power (dBm)	Output Power (W)
GSM 850	128	824.20	31.80	1.51356
	190	836.40	32.00	1.58489
	251	848.80	32.10	1.62181
GPRS 850	128	824.20	26.70	0.46774
	190	836.40	26.61	0.45814
	251	848.80	26.52	0.44875
EDGE 850	128	824.20	26.20	0.41687
	190	836.40	26.18	0.41495
	251	848.80	26.14	0.41115

Test Mode	CH	Frequency (MHz)	Average Power (dBm)	Output Power (W)
GSM 1900	512	1850.20	29.00	0.79433
	661	1880.00	29.12	0.81658
	810	1909.80	29.33	0.85704
GPRS 1900	512	1850.20	23.72	0.23550
	661	1880.00	23.75	0.23714
	810	1909.80	23.69	0.23388
EDGE 1900	512	1850.20	23.51	0.22439
	661	1880.00	23.27	0.21232
	810	1909.80	23.16	0.20701

Remark: The value of factor includes both the loss of cable and external attenuator

Test Mode	CH	Frequency (MHz)	Average Power (dBm)	Output Power (W)
WCDMA (BAND II)	9262	1852.40	22.79	0.19011
	9400	1880.00	22.77	0.18923
	9538	1907.60	23.11	0.20464
WCDMA (BAND V)	4132	826.40	22.90	0.19498
	4182	836.40	22.79	0.19011
	4233	846.60	22.92	0.19588

Test Mode	CH	Frequency (MHz)	Average Power (dBm)	Output Power (W)
WCDMA / HSDPA (BAND II)	9262	1852.40	22.76	0.18880
	9400	1880.00	22.79	0.19011
	9538	1907.60	22.84	0.19231
WCDMA / HSDPA (BAND V)	4132	826.40	22.88	0.19409
	4182	836.40	22.81	0.19099
	4233	846.60	22.91	0.19543

Test Mode	CH	Frequency (MHz)	Average Power (dBm)	Output Power (W)
WCDMA / HSUPA (BAND II)	9262	1852.40	22.35	0.17179
	9400	1880.00	22.20	0.16596
	9538	1907.60	22.40	0.17378
WCDMA / HSUPA (BAND V)	4132	826.40	22.91	0.19543
	4182	836.40	22.68	0.18535
	4233	846.60	22.90	0.19498

Remark: The value of factor includes both the loss of cable and external attenuator

7.3 ERP & EIRP MEASUREMENT

LIMIT

According to FCC §2.1046

FCC 22.913(b): The Effective Radiated Power (ERP) of mobile transmitters must not exceed 7 Watts.

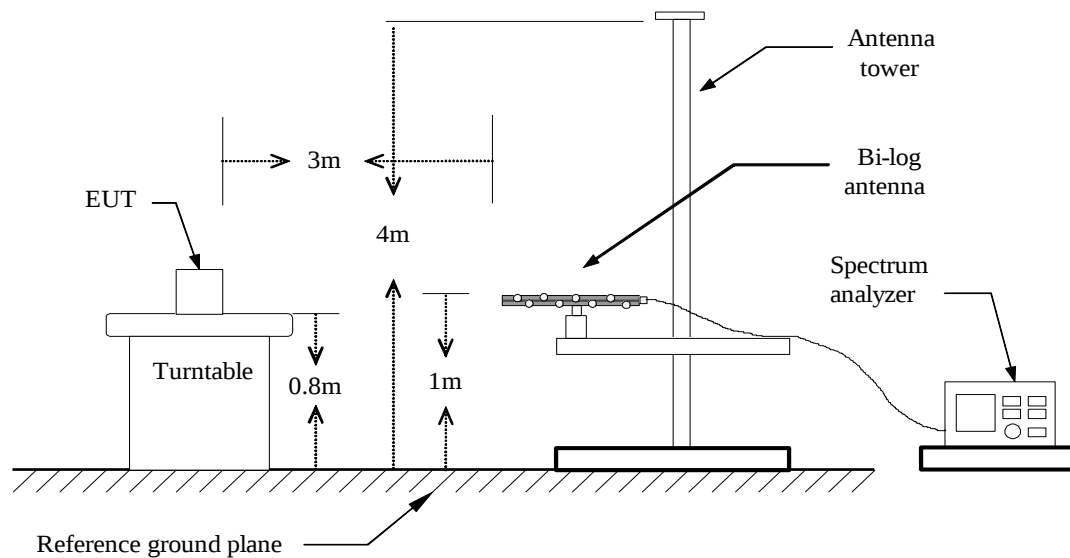
RSS-132 § 4.4 The maximum (ERP) shall be 6.3 Watts for mobile stations.

FCC 24.232(b): The equivalent Isotropic Radiated Power (EIRP) must not exceed 2 Watts.

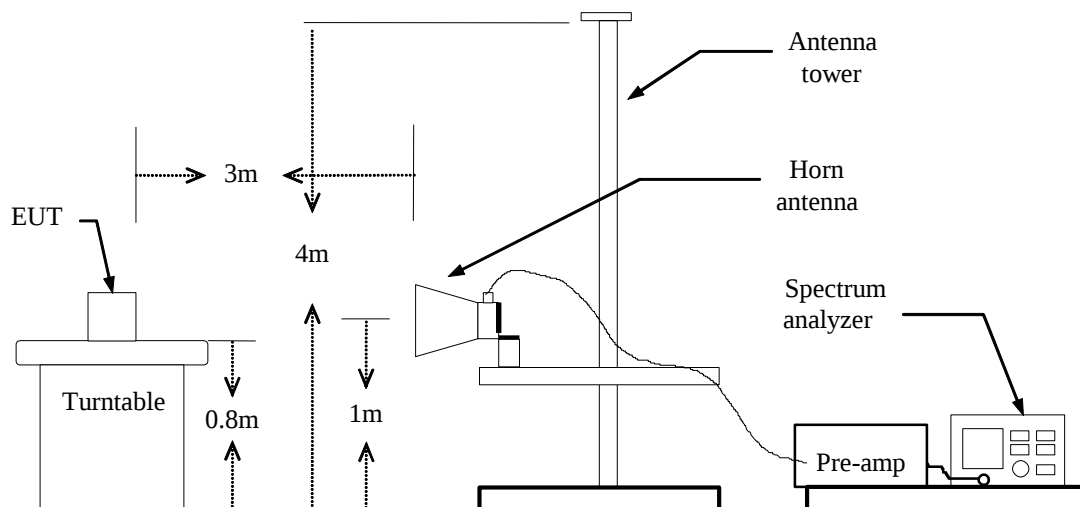
RSS133 § 6.4: Mobile stations and hand-held portables are limited to 2 watts maximum (EIRP).

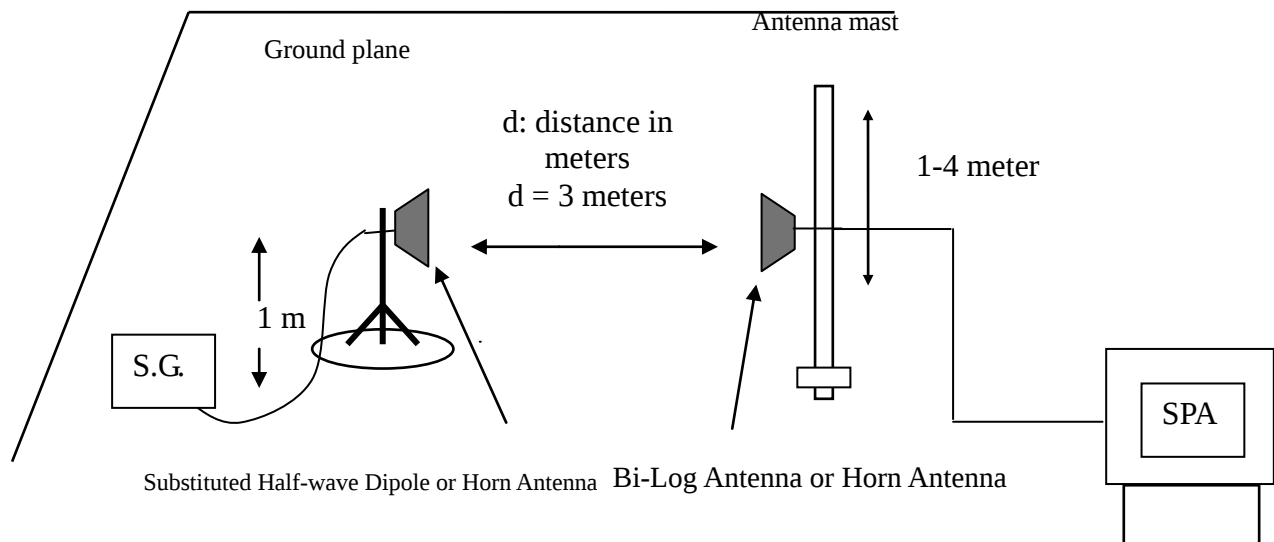
Test Configuration

Below 1 GHz



Above 1 GHz



For Substituted Method Test Set-UP**TEST PROCEDURE**

The EUT was placed on a non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.

During the measurement of the EUT, the resolution bandwidth was set to 5MHz and the average bandwidth was set to 50MHz. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna. The reading was recorded and the field strength (E in dBuV/m) was calculated.

ERP in frequency band 824-849MHz, and EIRP in frequency band 1851.25 –1910MHz were measured using a substitution method. The EUT was replaced by half-wave dipole (824-849MHz) or horn antenna (1851.25-1910MHz) connected to a signal generator. The spectrum analyzer reading was recorded and ERP/EIRP was calculated as follows:

$$\text{ERP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBi)} - \text{Cable (dB)} - 2.15$$

$$\text{EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBi)} - \text{Cable (dB)}$$

TEST RESULTS

No non-compliance noted.

GSM 850 Test Data

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
128	824.1500	V	27.53	3.39	6.24	30.38	38.45	-8.07
	824.5700	H	25.38	3.39	6.24	28.23	38.45	-10.22
190	836.9600	V	27.43	3.4	6.37	*30.40	38.45	-8.05
	836.6100	H	24.6	3.4	6.37	27.57	38.45	-10.88
251	848.8600	V	26.64	3.4	6.4	29.64	38.45	-8.81
	848.7900	H	24.69	3.4	6.4	27.69	38.45	-10.76

GPRS 850 Test Data

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
128	824.2900	V	26.96	3.39	6.24	*29.81	38.45	-8.64
	824.1500	H	24.84	3.39	6.24	27.69	38.45	-10.76
190	836.6100	V	26.67	3.4	6.37	29.64	38.45	-8.81
	836.6800	H	24.45	3.4	6.37	27.42	38.45	-11.03
251	848.7900	V	25.94	3.4	6.4	28.94	38.45	-9.51
	848.8600	H	24.43	3.4	6.4	27.43	38.45	-11.02

GSM 1900 Test Data

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
512	1850.160	V	24.91	5.37	5.67	25.21	33.00	-7.79
	1850.280	H	19.51	5.37	5.67	19.81	33.00	-13.19
661	1879.920	V	25.84	5.42	5.62	26.04	33.00	-6.96
	1879.920	H	20.16	5.42	5.62	20.36	33.00	-12.64
810	1909.680	V	26.63	5.48	5.56	*26.71	33.00	-6.29
	1909.800	H	19.52	5.48	5.56	19.60	33.00	-13.40

GPRS 1900 Test Data

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
512	1850.160	V	25.13	5.37	5.67	25.43	33.00	-7.57
	1850.040	H	19.52	5.37	5.67	19.82	33.00	-13.18
661	1880.040	V	25.84	5.42	5.62	26.04	33.00	-6.96
	1880.160	H	20.07	5.42	5.62	20.27	33.00	-12.73
810	1909.800	V	26.51	5.48	5.56	*26.59	33.00	-6.41
	1909.680	H	19.92	5.48	5.56	20.00	33.00	-13.00

EDGE 850 Test Data

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
128	824.2200	V	24.46	3.39	6.24	27.31	38.45	-11.14
	824.1500	H	23.06	3.39	6.24	25.91	38.45	-12.54
190	836.6100	V	24.37	3.4	6.37	27.34	38.45	-11.11
	836.5400	H	22.96	3.4	6.36	25.92	38.45	-12.53
251	848.8600	V	24.63	3.4	6.4	*27.63	38.45	-10.82
	848.8600	H	23.08	3.4	6.4	26.08	38.45	-12.37

EDGE 1900 TEST DATA

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
512	1850.040	V	23.07	5.37	5.67	23.37	33.00	-9.63
	1850.160	H	17.87	5.37	5.67	18.17	33.00	-14.83
661	1880.040	V	23.97	5.42	5.62	24.17	33.00	-8.83
	1879.920	H	18.27	5.42	5.62	18.47	33.00	-14.53
810	1909.680	V	24.97	5.48	5.56	*25.05	33.00	-7.95
	1909.680	H	18.24	5.48	5.56	18.32	33.00	-14.68

WCDMA BAND II Test Data

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
9262	1851.840	V	12.48	5.37	5.67	12.78	33.00	-20.22
	1851.600	H	13.34	5.37	5.67	13.64	33.00	-19.36
9400	1881.240	V	10.86	5.42	5.61	11.05	33.00	-21.95
	1880.520	H	13.8	5.42	5.62	14.00	33.00	-19.00
9538	1906.560	V	12.88	5.47	5.57	12.98	33.00	-20.02
	1906.560	H	14.94	5.47	5.57	*15.04	33.00	-17.96

WCDMA BAND V Test Data

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
4132	827.3700	V	17.86	3.39	6.27	20.74	38.45	-17.71
	827.2300	H	18.42	3.39	6.27	21.30	38.45	-17.15
4182	835.0700	V	18.66	3.4	6.35	21.61	38.45	-16.84
	835.1400	H	19.07	3.4	6.35	22.02	38.45	-16.43
4233	845.8500	V	19.47	3.4	6.4	*22.47	38.45	-15.98
	845.7800	H	19.42	3.4	6.4	22.42	38.45	-16.03

HSDPA BAND II Test Data

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
9262	1851.360	V	18.48	5.37	5.67	18.78	33.00	-14.22
	1851.360	H	12.53	5.37	5.67	12.83	33.00	-20.17
9400	1881.240	V	18.77	5.42	5.61	*18.96	33.00	-14.04
	1881.120	H	15.14	5.42	5.61	15.33	33.00	-17.67
9538	1906.560	V	17.77	5.47	5.57	17.87	33.00	-15.13
	1906.440	H	14.59	5.47	5.57	14.69	33.00	-18.31

HSDPA BAND V Test Data

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
4132	827.3700	V	16.24	3.39	6.27	19.12	38.45	-19.33
	827.5100	H	16.91	3.39	6.27	19.79	38.45	-18.66
4182	834.7900	V	17.18	3.4	6.35	20.13	38.45	-18.32
	835.2800	H	17.08	3.4	6.35	20.03	38.45	-18.42
4233	845.7800	V	17.9	3.4	6.4	*20.90	38.45	-17.55
	845.5000	H	16.64	3.4	6.4	19.64	38.45	-18.81

HSUPA Band II Test Data

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
9262	1853.400	V	17.28	5.38	5.66	17.56	33.00	-15.44
	1851.720	H	11.88	5.37	5.67	12.18	33.00	-20.82
9400	1880.760	V	17.56	5.42	5.61	17.75	33.00	-15.25
	1881.240	H	14.35	5.42	5.61	14.54	33.00	-18.46
9538	1906.560	V	18.01	5.47	5.57	*18.11	33.00	-14.89
	1906.560	H	12.04	5.47	5.57	12.14	33.00	-20.86

HSUPA Band V Test Data

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
4132	827.4400	V	17.23	3.39	6.27	20.11	38.45	-18.34
	827.4400	H	19.68	3.39	6.27	22.56	38.45	-15.89
4182	835.2800	V	17.42	3.4	6.35	20.37	38.45	-18.08
	835.4900	H	19.66	3.4	6.35	*22.61	38.45	-15.84
4233	845.1500	V	17.38	3.4	6.4	20.38	38.45	-18.07
	845.2900	H	17.08	3.4	6.4	20.08	38.45	-18.37

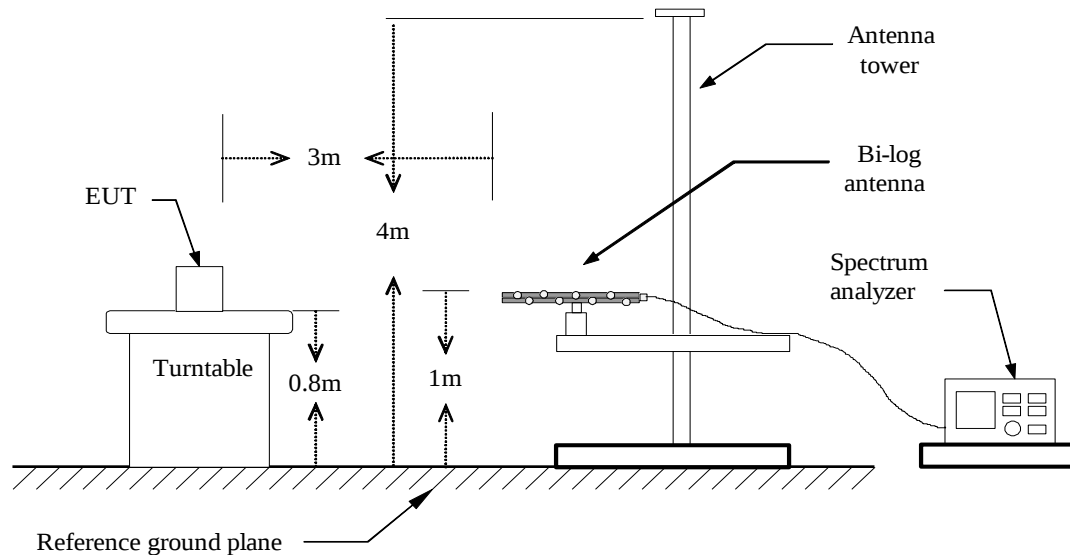
7.4 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

LIMIT

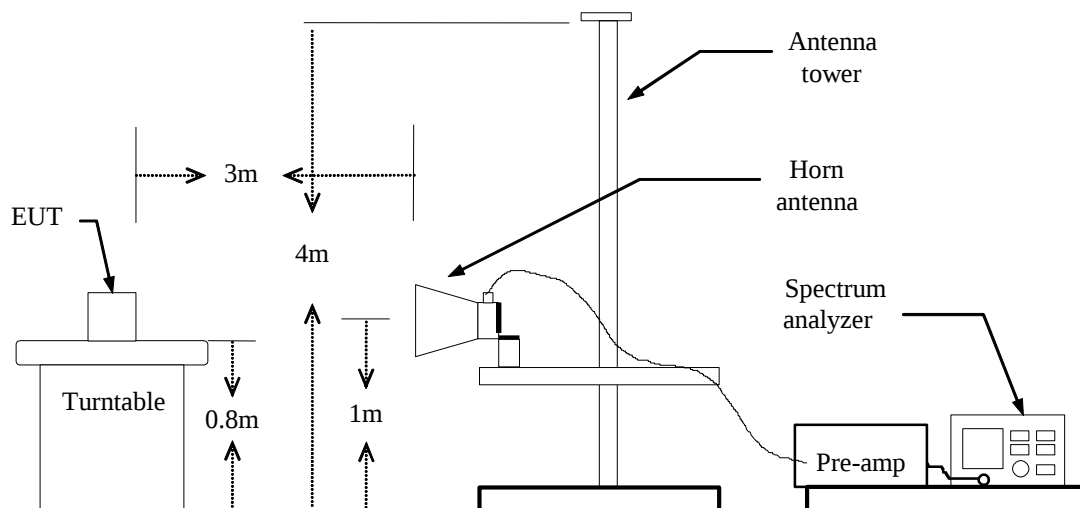
According to FCC §2.1053, RSS-132 (4.6) & RSS-133 (6.5).

Test Configuration

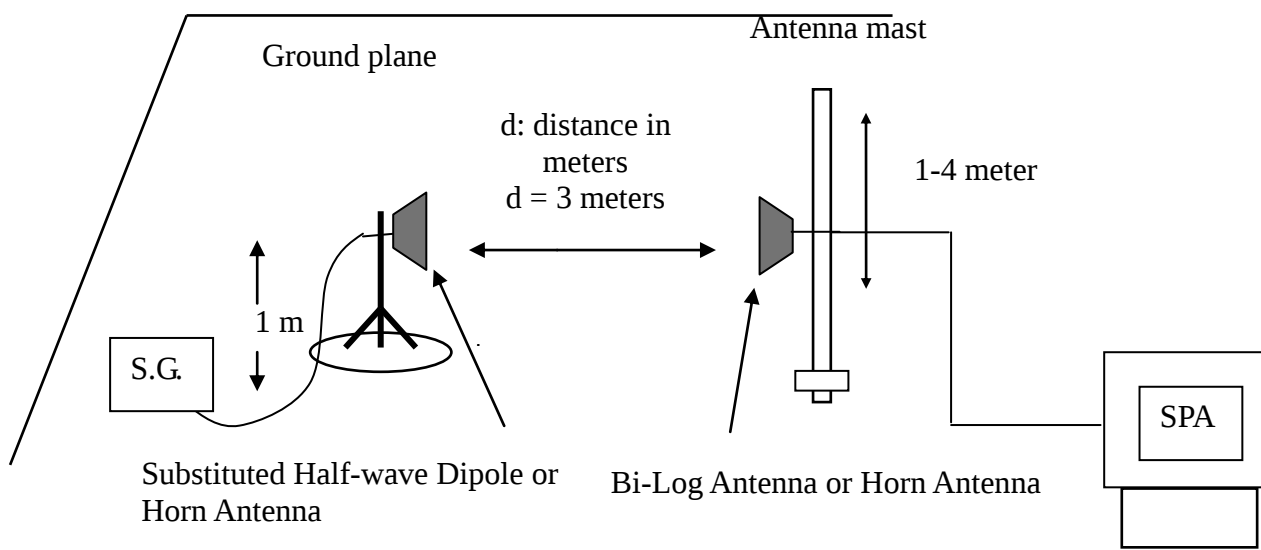
Below 1 GHz



Above 1 GHz



Substituted Method Test Set-up



TEST PROCEDURE

The EUT was placed on a non-conductive, the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission were identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

$$\text{ERP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBd)} - \text{Cable (dB)}$$

$$\text{EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBi)} - \text{Cable (dB)}$$

TEST RESULTS

Refer to the attached tabular data sheets.

Radiated Spurious Emission Measurement Result / Below 1GHz**Operation Mode:** GSM 850 / TX / CH 128**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-52.76	1.15	-0.37	-54.28	-13.00	-41.28	V
165.8000	-54.68	1.53	2.05	-54.16	-13.00	-41.16	V
238.5500	-56	1.81	5.35	-52.46	-13.00	-39.46	V
299.6600	-63.21	2.09	5.59	-59.71	-13.00	-46.71	V
364.6500	-66.65	2.28	5.75	-63.18	-13.00	-50.18	V
624.6100	-76.57	2.96	6.15	-73.38	-13.00	-60.38	V
165.8000	-55.14	1.53	2.05	-54.62	-13.00	-41.62	H
239.5200	-49.11	1.81	5.35	-45.57	-13.00	-32.57	H
299.6600	-59.21	2.09	5.59	-55.71	-13.00	-42.71	H
377.2600	-59.73	2.31	5.94	-56.10	-13.00	-43.10	H
479.1100	-68	2.64	5.56	-65.08	-13.00	-52.08	H
624.6100	-68.23	2.96	6.15	-65.04	-13.00	-52.04	H

Remark:

1. The emission behaviour belongs to narrowband spurious emission.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GSM 850 / TX / CH 190**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
165.8000	-55.13	1.53	2.05	-54.61	-13.00	-41.61	V
236.6100	-57.01	1.81	5.37	-53.45	-13.00	-40.45	V
299.6600	-63.41	2.09	5.59	-59.91	-13.00	-46.91	V
364.6500	-66.9	2.28	5.75	-63.43	-13.00	-50.43	V
415.0900	-74.31	2.45	5.86	-70.90	-13.00	-57.90	V
624.6100	-76.45	2.96	6.15	-73.26	-13.00	-60.26	V
239.5200	-51.04	1.81	5.35	-47.50	-13.00	-34.50	H
299.6600	-61.52	2.09	5.59	-58.02	-13.00	-45.02	H
366.5900	-62.96	2.29	5.77	-59.48	-13.00	-46.48	H
415.0900	-70.29	2.45	5.86	-66.88	-13.00	-53.88	H
480.0800	-69.72	2.64	5.54	-66.82	-13.00	-53.82	H
624.6100	-69.55	2.96	6.15	-66.36	-13.00	-53.36	H

Remark:

1. The emission behaviour belongs to narrowband spurious emission.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GSM 850 / TX / CH 251**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-52.81	1.15	-0.37	-54.33	-13.00	-41.33	V
165.8000	-55.9	1.53	2.05	-55.38	-13.00	-42.38	V
238.5500	-55.98	1.81	5.35	-52.44	-13.00	-39.44	V
298.6900	-63.11	2.09	5.57	-59.63	-13.00	-46.63	V
365.6200	-66.82	2.29	5.76	-63.35	-13.00	-50.35	V
500.4500	-77.2	2.7	5.9	-74.00	-13.00	-61.00	V
165.8000	-56.92	1.53	2.05	-56.40	-13.00	-43.40	H
240.4900	-50.52	1.81	5.34	-46.99	-13.00	-33.99	H
298.6900	-60.99	2.09	5.57	-57.51	-13.00	-44.51	H
366.5900	-62.79	2.29	5.77	-59.31	-13.00	-46.31	H
481.0500	-70.92	2.64	5.52	-68.04	-13.00	-55.04	H
624.6100	-70.31	2.96	6.15	-67.12	-13.00	-54.12	H

Remark:

1. The emission behaviour belongs to narrowband spurious emission.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GPRS 850 / TX / CH 128**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
165.8000	-55.46	1.53	2.05	-54.94	-13.00	-41.94	V
238.5500	-55.95	1.81	5.35	-52.41	-13.00	-39.41	V
298.6900	-63.11	2.09	5.57	-59.63	-13.00	-46.63	V
364.6500	-66.82	2.28	5.75	-63.35	-13.00	-50.35	V
500.4500	-76.65	2.7	5.9	-73.45	-13.00	-60.45	V
599.3900	-76.46	2.9	6.39	-72.97	-13.00	-59.97	V
165.8000	-55.69	1.53	2.05	-55.17	-13.00	-42.17	H
238.5500	-50.8	1.81	5.35	-47.26	-13.00	-34.26	H
299.6600	-60.84	2.09	5.59	-57.34	-13.00	-44.34	H
366.5900	-62.58	2.29	5.77	-59.10	-13.00	-46.10	H
479.1100	-69.39	2.64	5.56	-66.47	-13.00	-53.47	H
624.6100	-69.55	2.96	6.15	-66.36	-13.00	-53.36	H

Remark:

1. The emission behaviour belongs to narrowband spurious emission.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GPRS 850 / TX / CH 190**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
165.8000	-55.44	1.53	2.05	-54.92	-13.00	-41.92	V
235.6400	-55.78	1.8	5.37	-52.21	-13.00	-39.21	V
299.6600	-62.99	2.09	5.59	-59.49	-13.00	-46.49	V
366.5900	-66.84	2.29	5.77	-63.36	-13.00	-50.36	V
500.4500	-76.76	2.7	5.9	-73.56	-13.00	-60.56	V
599.3900	-76.72	2.9	6.39	-73.23	-13.00	-60.23	V
240.4900	-51.14	1.81	5.34	-47.61	-13.00	-34.61	H
298.6900	-61.2	2.09	5.57	-57.72	-13.00	-44.72	H
364.6500	-63.2	2.28	5.75	-59.73	-13.00	-46.73	H
482.0200	-70.56	2.64	5.55	-67.65	-13.00	-54.65	H
512.0900	-74.7	2.69	6.02	-71.37	-13.00	-58.37	H
624.6100	-70.03	2.96	6.15	-66.84	-13.00	-53.84	H

Remark:

1. The emission behaviour belongs to narrowband spurious emission.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GPRS 850 / TX / CH 251**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
165.8000	-55.68	1.53	2.05	-55.16	-13.00	-42.16	V
239.5200	-56.69	1.81	5.35	-53.15	-13.00	-40.15	V
298.6900	-63.46	2.09	5.57	-59.98	-13.00	-46.98	V
366.5900	-67.72	2.29	5.77	-64.24	-13.00	-51.24	V
500.4500	-77.98	2.7	5.9	-74.78	-13.00	-61.78	V
599.3900	-76.42	2.9	6.39	-72.93	-13.00	-59.93	V
99.8400	-54.66	1.15	-0.37	-56.18	-13.00	-43.18	H
241.4600	-50.46	1.81	5.36	-46.91	-13.00	-33.91	H
378.2300	-62.94	2.31	5.96	-59.29	-13.00	-46.29	H
482.0200	-70.31	2.64	5.55	-67.40	-13.00	-54.40	H
576.1100	-74.58	2.88	6.05	-71.41	-13.00	-58.41	H
624.6100	-70.12	2.96	6.15	-66.93	-13.00	-53.93	H

Remark:

1. The emission behaviour belongs to narrowband spurious emission.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GSM 1900 / TX / CH 512**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-54.44	1.15	-0.37	-55.96	-13.00	-42.96	V
166.7700	-55.85	1.54	2.15	-55.24	-13.00	-42.24	V
238.5500	-57.6	1.81	5.35	-54.06	-13.00	-41.06	V
298.6900	-63.9	2.09	5.57	-60.42	-13.00	-47.42	V
364.6500	-66.45	2.28	5.75	-62.98	-13.00	-49.98	V
663.4100	-74.07	3.06	6.3	-70.83	-13.00	-57.83	V
238.5500	-51.25	1.81	5.35	-47.71	-13.00	-34.71	H
299.6600	-61.83	2.09	5.59	-58.33	-13.00	-45.33	H
366.5900	-62.8	2.29	5.77	-59.32	-13.00	-46.32	H
478.1400	-71.22	2.63	5.59	-68.26	-13.00	-55.26	H
624.6100	-69.34	2.96	6.15	-66.15	-13.00	-53.15	H
749.7400	-71.81	3.2	6.1	-68.91	-13.00	-55.91	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GSM 1900 / TX / CH 661**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-54.32	1.15	-0.37	-55.84	-13.00	-42.84	V
165.8000	-55.94	1.53	2.05	-55.42	-13.00	-42.42	V
239.5200	-56.77	1.81	5.35	-53.23	-13.00	-40.23	V
298.6900	-64.04	2.09	5.57	-60.56	-13.00	-47.56	V
364.6500	-67.11	2.28	5.75	-63.64	-13.00	-50.64	V
663.4100	-73.85	3.06	6.3	-70.61	-13.00	-57.61	V
166.7700	-57.08	1.54	2.15	-56.47	-13.00	-43.47	H
239.5200	-52.1	1.81	5.35	-48.56	-13.00	-35.56	H
378.2300	-61.08	2.31	5.96	-57.43	-13.00	-44.43	H
415.0900	-69.07	2.45	5.86	-65.66	-13.00	-52.66	H
478.1400	-70.15	2.63	5.59	-67.19	-13.00	-54.19	H
624.6100	-69.89	2.96	6.15	-66.70	-13.00	-53.70	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GSM 1900 / TX / CH 810**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
165.8000	-56.03	1.53	2.05	-55.51	-13.00	-42.51	V
240.4900	-57.02	1.81	5.34	-53.49	-13.00	-40.49	V
298.6900	-63.85	2.09	5.57	-60.37	-13.00	-47.37	V
365.6200	-67.32	2.29	5.76	-63.85	-13.00	-50.85	V
624.6100	-75.47	2.96	6.15	-72.28	-13.00	-59.28	V
663.4100	-73.8	3.06	6.3	-70.56	-13.00	-57.56	V
75.5900	-51.77	1.01	-0.94	-53.72	-13.00	-40.72	H
165.8000	-57.54	1.53	2.05	-57.02	-13.00	-44.02	H
241.4600	-52.14	1.81	5.36	-48.59	-13.00	-35.59	H
366.5900	-62.75	2.29	5.77	-59.27	-13.00	-46.27	H
476.2000	-70.33	2.63	5.63	-67.33	-13.00	-54.33	H
624.6100	-70.27	2.96	6.15	-67.08	-13.00	-54.08	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GPRS 1900 / TX / CH 512**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-54.36	1.15	-0.37	-55.88	-13.00	-42.88	V
165.8000	-55.68	1.53	2.05	-55.16	-13.00	-42.16	V
238.5500	-56.68	1.81	5.35	-53.14	-13.00	-40.14	V
299.6600	-63.83	2.09	5.59	-60.33	-13.00	-47.33	V
364.6500	-66.62	2.28	5.75	-63.15	-13.00	-50.15	V
666.3200	-73.37	3.07	6.3	-70.14	-13.00	-57.14	V
76.5600	-52.11	1.01	-0.77	-53.89	-13.00	-40.89	H
240.4900	-52.03	1.81	5.34	-48.50	-13.00	-35.50	H
299.6600	-61.76	2.09	5.59	-58.26	-13.00	-45.26	H
365.6200	-63.36	2.29	5.76	-59.89	-13.00	-46.89	H
480.0800	-70.37	2.64	5.54	-67.47	-13.00	-54.47	H
624.6100	-69.86	2.96	6.15	-66.67	-13.00	-53.67	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GPRS 1900 / TX / CH 661**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-54.16	1.15	-0.37	-55.68	-13.00	-42.68	V
165.8000	-55.96	1.53	2.05	-55.44	-13.00	-42.44	V
239.5200	-57.25	1.81	5.35	-53.71	-13.00	-40.71	V
299.6600	-63.84	2.09	5.59	-60.34	-13.00	-47.34	V
364.6500	-66.41	2.28	5.75	-62.94	-13.00	-49.94	V
663.4100	-73.69	3.06	6.3	-70.45	-13.00	-57.45	V
99.8400	-54.78	1.15	-0.37	-56.30	-13.00	-43.30	H
241.4600	-51.05	1.81	5.36	-47.50	-13.00	-34.50	H
299.6600	-61.52	2.09	5.59	-58.02	-13.00	-45.02	H
366.5900	-62.66	2.29	5.77	-59.18	-13.00	-46.18	H
624.6100	-70	2.96	6.15	-66.81	-13.00	-53.81	H
749.7400	-71.47	3.2	6.1	-68.57	-13.00	-55.57	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GPRS 1900 / TX / CH 810**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-54.4	1.15	-0.37	-55.92	-13.00	-42.92	V
165.8000	-55.61	1.53	2.05	-55.09	-13.00	-42.09	V
232.7300	-57.14	1.8	5.39	-53.55	-13.00	-40.55	V
364.6500	-66.81	2.28	5.75	-63.34	-13.00	-50.34	V
415.0900	-73.66	2.45	5.86	-70.25	-13.00	-57.25	V
663.4100	-73.6	3.06	6.3	-70.36	-13.00	-57.36	V
165.8000	-57.13	1.53	2.05	-56.61	-13.00	-43.61	H
241.4600	-52.1	1.81	5.36	-48.55	-13.00	-35.55	H
299.6600	-62.13	2.09	5.59	-58.63	-13.00	-45.63	H
366.5900	-62.94	2.29	5.77	-59.46	-13.00	-46.46	H
477.1700	-70.07	2.63	5.61	-67.09	-13.00	-54.09	H
624.6100	-69.33	2.96	6.15	-66.14	-13.00	-53.14	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: EDGE 850 / TX / CH 128**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
165.8000	-54.71	1.53	2.05	-54.19	-13.00	-41.19	V
239.5200	-55.29	1.81	5.35	-51.75	-13.00	-38.75	V
366.5900	-66.78	2.29	5.77	-63.30	-13.00	-50.30	V
415.0900	-73.09	2.45	5.86	-69.68	-13.00	-56.68	V
500.4500	-76.96	2.7	5.9	-73.76	-13.00	-60.76	V
624.6100	-76.25	2.96	6.15	-73.06	-13.00	-60.06	V
166.7700	-55.35	1.54	2.15	-54.74	-13.00	-41.74	H
241.4600	-50.07	1.81	5.36	-46.52	-13.00	-33.52	H
299.6600	-60.75	2.09	5.59	-57.25	-13.00	-44.25	H
366.5900	-62.06	2.29	5.77	-58.58	-13.00	-45.58	H
479.1100	-69.95	2.64	5.56	-67.03	-13.00	-54.03	H
624.6100	-69.81	2.96	6.15	-66.62	-13.00	-53.62	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: EDGE 850 / TX / CH 190**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-53.03	1.15	-0.37	-54.55	-13.00	-41.55	V
165.8000	-55.35	1.53	2.05	-54.83	-13.00	-41.83	V
238.5500	-56.52	1.81	5.35	-52.98	-13.00	-39.98	V
299.6600	-63.23	2.09	5.59	-59.73	-13.00	-46.73	V
365.6200	-67.05	2.29	5.76	-63.58	-13.00	-50.58	V
476.2000	-76.12	2.63	5.63	-73.12	-13.00	-60.12	V
240.4900	-51.6	1.81	5.34	-48.07	-13.00	-35.07	H
299.6600	-61.16	2.09	5.59	-57.66	-13.00	-44.66	H
364.6500	-63.32	2.28	5.75	-59.85	-13.00	-46.85	H
479.1100	-70.76	2.64	5.56	-67.84	-13.00	-54.84	H
576.1100	-74.89	2.88	6.05	-71.72	-13.00	-58.72	H
624.6100	-70.32	2.96	6.15	-67.13	-13.00	-54.13	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: EDGE 850 / TX / CH 251**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-53.1	1.15	-0.37	-54.62	-13.00	-41.62	V
165.8000	-55.49	1.53	2.05	-54.97	-13.00	-41.97	V
239.5200	-55.87	1.81	5.35	-52.33	-13.00	-39.33	V
299.6600	-63.34	2.09	5.59	-59.84	-13.00	-46.84	V
366.5900	-67.06	2.29	5.77	-63.58	-13.00	-50.58	V
416.0600	-73.78	2.46	5.85	-70.39	-13.00	-57.39	V
165.8000	-56.67	1.53	2.05	-56.15	-13.00	-43.15	H
242.4300	-51.17	1.81	5.39	-47.59	-13.00	-34.59	H
299.6600	-61.42	2.09	5.59	-57.92	-13.00	-44.92	H
366.5900	-62.69	2.29	5.77	-59.21	-13.00	-46.21	H
479.1100	-70.34	2.64	5.56	-67.42	-13.00	-54.42	H
624.6100	-69.44	2.96	6.15	-66.25	-13.00	-53.25	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: EDGE 1900 / TX / CH 512**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-54.06	1.15	-0.37	-55.58	-13.00	-42.58	V
165.8000	-55.88	1.53	2.05	-55.36	-13.00	-42.36	V
239.5200	-56.51	1.81	5.35	-52.97	-13.00	-39.97	V
364.6500	-67.28	2.28	5.75	-63.81	-13.00	-50.81	V
415.0900	-74.05	2.45	5.86	-70.64	-13.00	-57.64	V
666.3200	-73.81	3.07	6.3	-70.58	-13.00	-57.58	V
77.5300	-50.31	1.02	-0.6	-51.93	-13.00	-38.93	H
240.4900	-51.5	1.81	5.34	-47.97	-13.00	-34.97	H
299.6600	-61.97	2.09	5.59	-58.47	-13.00	-45.47	H
365.6200	-62.79	2.29	5.76	-59.32	-13.00	-46.32	H
624.6100	-69.99	2.96	6.15	-66.80	-13.00	-53.80	H
749.7400	-71.21	3.2	6.1	-68.31	-13.00	-55.31	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: EDGE 1900 / TX / CH 661**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-54.13	1.15	-0.37	-55.65	-13.00	-42.65	V
240.4900	-56.81	1.81	5.34	-53.28	-13.00	-40.28	V
299.6600	-64.18	2.09	5.59	-60.68	-13.00	-47.68	V
365.6200	-66.66	2.29	5.76	-63.19	-13.00	-50.19	V
599.3900	-77.29	2.9	6.39	-73.80	-13.00	-60.80	V
666.3200	-73.33	3.07	6.3	-70.10	-13.00	-57.10	V
242.4300	-51.09	1.81	5.39	-47.51	-13.00	-34.51	H
298.6900	-61.75	2.09	5.57	-58.27	-13.00	-45.27	H
366.5900	-62.75	2.29	5.77	-59.27	-13.00	-46.27	H
478.1400	-71.47	2.63	5.59	-68.51	-13.00	-55.51	H
576.1100	-73.07	2.88	6.05	-69.90	-13.00	-56.90	H
663.4100	-73.66	3.06	6.3	-70.42	-13.00	-57.42	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: EDGE 1900 / TX / CH 810**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
99.8400	-54.29	1.15	-0.37	-55.81	-13.00	-42.81	V
166.7700	-55.89	1.54	2.15	-55.28	-13.00	-42.28	V
237.5800	-57.6	1.81	5.36	-54.05	-13.00	-41.05	V
299.6600	-63.98	2.09	5.59	-60.48	-13.00	-47.48	V
366.5900	-66.85	2.29	5.77	-63.37	-13.00	-50.37	V
663.4100	-73.91	3.06	6.3	-70.67	-13.00	-57.67	V
236.6100	-40.75	-6.73	-47.48	-13.00	-34.48	236.6100	H
299.6600	-51.69	-6.28	-57.97	-13.00	-44.97	299.6600	H
364.6500	-55.02	-4.60	-59.62	-13.00	-46.62	364.6500	H
478.1400	-66.75	-1.68	-68.43	-13.00	-55.43	478.1400	H
624.6100	-68.34	1.61	-66.73	-13.00	-53.73	624.6100	H
749.7400	-71.19	2.78	-68.41	-13.00	-55.41	749.7400	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA Band II / TX / CH 9262**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-58.51	1.16	-0.64	-60.31	-13.00	-47.31	V
138.6400	-59.53	1.39	-0.38	-61.30	-13.00	-48.30	V
342.3400	-74.16	2.18	5.8	-70.54	-13.00	-57.54	V
529.5500	-76.63	2.75	6	-73.38	-13.00	-60.38	V
721.6100	-75.68	3.17	6.49	-72.36	-13.00	-59.36	V
836.0700	-75.31	3.4	6.36	-72.35	-13.00	-59.35	V
84.3200	-54.03	1.07	0.39	-54.71	-13.00	-41.71	H
153.1900	-66.52	1.44	0.94	-67.02	-13.00	-54.02	H
378.2300	-68.49	2.31	5.96	-64.84	-13.00	-51.84	H
516.9400	-76.29	2.7	6.07	-72.92	-13.00	-59.92	H
733.2500	-74.33	3.19	6.31	-71.21	-13.00	-58.21	H
911.7300	-75.5	3.57	6.6	-72.47	-13.00	-59.47	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA Band II / TX / CH 9400**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-62.24	1.16	-0.64	-64.04	-13.00	-51.04	V
138.6400	-63.51	1.39	-0.38	-65.28	-13.00	-52.28	V
342.3400	-80.58	2.18	5.8	-76.96	-13.00	-63.96	V
448.0700	-78.88	2.58	5.74	-75.72	-13.00	-62.72	V
516.9400	-82.81	2.7	6.07	-79.44	-13.00	-66.44	V
781.7500	-77.68	3.31	6.13	-74.86	-13.00	-61.86	V
101.7800	-58.64	1.16	-0.64	-60.44	-13.00	-47.44	H
138.6400	-59.12	1.39	-0.38	-60.89	-13.00	-47.89	H
191.9900	-74.93	1.62	3.79	-72.76	-13.00	-59.76	H
360.7700	-76.31	2.27	5.71	-72.87	-13.00	-59.87	H
448.0700	-76.63	2.58	5.74	-73.47	-13.00	-60.47	H
554.7700	-78.41	2.82	6.11	-75.12	-13.00	-62.12	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA Band II / TX / CH 9538**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-62.53	1.16	-0.64	-64.33	-13.00	-51.33	V
138.6400	-63.64	1.39	-0.38	-65.41	-13.00	-52.41	V
342.3400	-80.23	2.18	5.8	-76.61	-13.00	-63.61	V
448.0700	-80.58	2.58	5.74	-77.42	-13.00	-64.42	V
601.3300	-82.96	2.91	6.39	-79.48	-13.00	-66.48	V
781.7500	-77.89	3.31	6.13	-75.07	-13.00	-62.07	V
90.1400	-58.62	1.11	1.07	-58.66	-13.00	-45.66	H
171.6200	-70.32	1.57	2.69	-69.20	-13.00	-56.20	H
342.3400	-74.52	2.18	5.8	-70.90	-13.00	-57.90	H
516.9400	-77.15	2.7	6.07	-73.78	-13.00	-60.78	H
733.2500	-73.64	3.19	6.31	-70.52	-13.00	-57.52	H
836.0700	-76.26	3.4	6.36	-73.30	-13.00	-60.30	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA Band V / TX / CH 4132**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
95.9600	-56.36	1.13	0.26	-57.23	-13.00	-44.23	V
138.6400	-62.43	1.39	-0.38	-64.20	-13.00	-51.20	V
222.0600	-78.64	1.77	5.34	-75.07	-13.00	-62.07	V
333.6100	-81.37	2.16	5.74	-77.79	-13.00	-64.79	V
459.7100	-80.01	2.6	5.88	-76.73	-13.00	-63.73	V
625.5800	-78.75	2.96	6.16	-75.55	-13.00	-62.55	V
90.1400	-53.61	1.11	1.07	-53.65	-13.00	-40.65	H
191.9900	-73.76	1.62	3.79	-71.59	-13.00	-58.59	H
319.0600	-78.72	2.17	5.71	-75.18	-13.00	-62.18	H
377.2600	-64.86	2.31	5.94	-61.23	-13.00	-48.23	H
529.5500	-76.77	2.75	6	-73.52	-13.00	-60.52	H
647.8900	-78.91	3.02	6.25	-75.68	-13.00	-62.68	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA Band V / TX / CH 4182**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
95.9600	-59.19	1.13	0.26	-60.06	-13.00	-47.06	V
138.6400	-65.41	1.39	-0.38	-67.18	-13.00	-54.18	V
191.9900	-78.42	1.62	3.79	-76.25	-13.00	-63.25	V
377.2600	-72.41	2.31	5.94	-68.78	-13.00	-55.78	V
529.5500	-80.9	2.75	6	-77.65	-13.00	-64.65	V
625.5800	-81.29	2.96	6.16	-78.09	-13.00	-65.09	V
90.1400	-52.94	1.11	1.07	-52.98	-13.00	-39.98	H
138.6400	-62.67	1.39	-0.38	-64.44	-13.00	-51.44	H
234.6700	-76.05	1.8	5.38	-72.47	-13.00	-59.47	H
377.2600	-66.6	2.31	5.94	-62.97	-13.00	-49.97	H
516.9400	-75.62	2.7	6.07	-72.25	-13.00	-59.25	H
625.5800	-78.6	2.96	6.16	-75.40	-13.00	-62.40	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA Band V / TX / CH 4233**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
95.9600	-58.17	1.13	0.26	-59.04	-13.00	-46.04	V
150.2800	-70.27	1.43	0.71	-70.99	-13.00	-57.99	V
191.9900	-79.35	1.62	3.79	-77.18	-13.00	-64.18	V
377.2600	-74.05	2.31	5.94	-70.42	-13.00	-57.42	V
516.9400	-81.42	2.7	6.07	-78.05	-13.00	-65.05	V
717.7300	-82.82	3.16	6.44	-79.54	-13.00	-66.54	V
90.1400	-54.72	1.11	1.07	-54.76	-13.00	-41.76	H
138.6400	-62.05	1.39	-0.38	-63.82	-13.00	-50.82	H
186.1700	-73.1	1.62	3.85	-70.87	-13.00	-57.87	H
376.2900	-70.17	2.31	5.93	-66.55	-13.00	-53.55	H
516.9400	-75.07	2.7	6.07	-71.70	-13.00	-58.70	H
712.8800	-78.37	3.15	6.36	-75.16	-13.00	-62.16	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSDPA Band II /
TX / CH 9262

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-62.47	1.16	-0.64	-64.27	-13.00	-51.27	V
138.6400	-63.48	1.39	-0.38	-65.25	-13.00	-52.25	V
342.3400	-78.08	2.18	5.8	-74.46	-13.00	-61.46	V
450.9800	-80.06	2.59	5.74	-76.91	-13.00	-63.91	V
619.7600	-81.31	2.94	6.11	-78.14	-13.00	-65.14	V
781.7500	-77.03	3.31	6.13	-74.21	-13.00	-61.21	V
87.2300	-58.61	1.09	0.73	-58.97	-13.00	-45.97	H
138.6400	-60.42	1.39	-0.38	-62.19	-13.00	-49.19	H
342.3400	-72.79	2.18	5.8	-69.17	-13.00	-56.17	H
516.9400	-76.11	2.7	6.07	-72.74	-13.00	-59.74	H
721.6100	-75.58	3.17	6.49	-72.26	-13.00	-59.26	H
781.7500	-73.73	3.31	6.13	-70.91	-13.00	-57.91	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSDPA Band II /
TX / CH 9400

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-62.35	1.16	-0.64	-64.15	-13.00	-51.15	V
138.6400	-64.15	1.39	-0.38	-65.92	-13.00	-52.92	V
342.3400	-79.28	2.18	5.8	-75.66	-13.00	-62.66	V
450.9800	-80.5	2.59	5.74	-77.35	-13.00	-64.35	V
806.0000	-77.53	3.33	6.38	-74.48	-13.00	-61.48	V
907.8500	-78.34	3.56	6.6	-75.30	-13.00	-62.30	V
90.1400	-60.5	1.11	1.07	-60.54	-13.00	-47.54	H
150.2800	-65.49	1.43	0.71	-66.21	-13.00	-53.21	H
342.3400	-73.43	2.18	5.8	-69.81	-13.00	-56.81	H
435.4600	-78.19	2.51	5.86	-74.84	-13.00	-61.84	H
516.9400	-76.41	2.7	6.07	-73.04	-13.00	-60.04	H
733.2500	-72.67	3.19	6.31	-69.55	-13.00	-56.55	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSDPA Band II /
TX / CH 9538

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-62.94	1.16	-0.64	-64.74	-13.00	-51.74	V
138.6400	-64.89	1.39	-0.38	-66.66	-13.00	-53.66	V
342.3400	-79.98	2.18	5.8	-76.36	-13.00	-63.36	V
450.9800	-81.77	2.59	5.74	-78.62	-13.00	-65.62	V
597.4500	-82.24	2.9	6.35	-78.79	-13.00	-65.79	V
733.2500	-78.37	3.19	6.31	-75.25	-13.00	-62.25	V
87.2300	-60.24	1.09	0.73	-60.60	-13.00	-47.60	H
138.6400	-61.35	1.39	-0.38	-63.12	-13.00	-50.12	H
342.3400	-73.43	2.18	5.8	-69.81	-13.00	-56.81	H
516.9400	-76.86	2.7	6.07	-73.49	-13.00	-60.49	H
770.1100	-73.31	3.27	6.38	-70.20	-13.00	-57.20	H
853.5300	-76.46	3.41	6.4	-73.47	-13.00	-60.47	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSDPA Band V / TX / CH 4132**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-63.43	1.16	-0.64	-65.23	-13.00	-52.23	V
138.6400	-63.91	1.39	-0.38	-65.68	-13.00	-52.68	V
377.2600	-75.08	2.31	5.94	-71.45	-13.00	-58.45	V
448.0700	-80.35	2.58	5.74	-77.19	-13.00	-64.19	V
625.5800	-81.75	2.96	6.16	-78.55	-13.00	-65.55	V
759.4400	-82.27	3.22	6.29	-79.20	-13.00	-66.20	V
87.2300	-60.63	1.09	0.73	-60.99	-13.00	-47.99	H
138.6400	-60.4	1.39	-0.38	-62.17	-13.00	-49.17	H
377.2600	-64.86	2.31	5.94	-61.23	-13.00	-48.23	H
516.9400	-77.03	2.7	6.07	-73.66	-13.00	-60.66	H
648.8600	-78.91	3.03	6.26	-75.68	-13.00	-62.68	H
769.1400	-78.23	3.27	6.39	-75.11	-13.00	-62.11	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSDPA Band V / TX / CH 4182**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-62.73	1.16	-0.64	-64.53	-13.00	-51.53	V
138.6400	-65.12	1.39	-0.38	-66.89	-13.00	-53.89	V
377.2600	-77.65	2.31	5.94	-74.02	-13.00	-61.02	V
450.9800	-81.62	2.59	5.74	-78.47	-13.00	-65.47	V
529.5500	-82.29	2.75	6	-79.04	-13.00	-66.04	V
655.6500	-83.73	3.04	6.3	-80.47	-13.00	-67.47	V
90.1400	-59.09	1.11	1.07	-59.13	-13.00	-46.13	H
138.6400	-62.07	1.39	-0.38	-63.84	-13.00	-50.84	H
222.0600	-77.89	1.77	5.34	-74.32	-13.00	-61.32	H
376.2900	-68.63	2.31	5.93	-65.01	-13.00	-52.01	H
516.9400	-77.07	2.7	6.07	-73.70	-13.00	-60.70	H
637.2200	-78.61	3	6.15	-75.46	-13.00	-62.46	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSDPA Band V / TX / CH 4233**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-61.44	1.16	-0.64	-63.24	-13.00	-50.24	V
138.6400	-64.73	1.39	-0.38	-66.50	-13.00	-53.50	V
342.3400	-81.02	2.18	5.8	-77.40	-13.00	-64.40	V
448.0700	-82.46	2.58	5.74	-79.30	-13.00	-66.30	V
612.9700	-83.05	2.94	6.23	-79.76	-13.00	-66.76	V
704.1500	-82.07	3.13	6.35	-78.85	-13.00	-65.85	V
87.2300	-58.58	1.09	0.73	-58.94	-13.00	-45.94	H
138.6400	-62.61	1.39	-0.38	-64.38	-13.00	-51.38	H
240.4900	-77.73	1.81	5.34	-74.20	-13.00	-61.20	H
378.2300	-70.62	2.31	5.96	-66.97	-13.00	-53.97	H
516.9400	-75.95	2.7	6.07	-72.58	-13.00	-59.58	H
720.6400	-78.73	3.17	6.49	-75.41	-13.00	-62.41	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSUPA Band II /
TX / CH 9262

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-62.18	1.16	-0.64	-63.98	-13.00	-50.98	V
138.6400	-64.37	1.39	-0.38	-66.14	-13.00	-53.14	V
342.3400	-80.3	2.18	5.8	-76.68	-13.00	-63.68	V
450.9800	-80.59	2.59	5.74	-77.44	-13.00	-64.44	V
541.1900	-82.97	2.78	6.25	-79.50	-13.00	-66.50	V
793.3900	-79.2	3.33	6.33	-76.20	-13.00	-63.20	V
90.1400	-58.87	1.11	1.07	-58.91	-13.00	-45.91	H
138.6400	-60.04	1.39	-0.38	-61.81	-13.00	-48.81	H
342.3400	-74.37	2.18	5.8	-70.75	-13.00	-57.75	H
516.9400	-75.87	2.7	6.07	-72.50	-13.00	-59.50	H
769.1400	-72.83	3.27	6.39	-69.71	-13.00	-56.71	H
910.7600	-76.4	3.57	6.6	-73.37	-13.00	-60.37	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSUPA Band II /
TX / CH 9400

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-62.42	1.16	-0.64	-64.22	-13.00	-51.22	V
138.6400	-64.08	1.39	-0.38	-65.85	-13.00	-52.85	V
342.3400	-79.67	2.18	5.8	-76.05	-13.00	-63.05	V
448.0700	-80.71	2.58	5.74	-77.55	-13.00	-64.55	V
733.2500	-79.11	3.19	6.31	-75.99	-13.00	-62.99	V
836.0700	-78.93	3.4	6.36	-75.97	-13.00	-62.97	V
90.1400	-58.95	1.11	1.07	-58.99	-13.00	-45.99	H
138.6400	-60.84	1.39	-0.38	-62.61	-13.00	-49.61	H
342.3400	-74.55	2.18	5.8	-70.93	-13.00	-57.93	H
516.9400	-76.73	2.7	6.07	-73.36	-13.00	-60.36	H
770.1100	-73.66	3.27	6.38	-70.55	-13.00	-57.55	H
911.7300	-76.33	3.57	6.6	-73.30	-13.00	-60.30	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSUPA Band II /
TX / CH 9538

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-62.46	1.16	-0.64	-64.26	-13.00	-51.26	V
138.6400	-64.28	1.39	-0.38	-66.05	-13.00	-53.05	V
342.3400	-80.63	2.18	5.8	-77.01	-13.00	-64.01	V
450.9800	-80.13	2.59	5.74	-76.98	-13.00	-63.98	V
733.2500	-79.07	3.19	6.31	-75.95	-13.00	-62.95	V
836.0700	-79.26	3.4	6.36	-76.30	-13.00	-63.30	V
90.1400	-58.62	1.11	1.07	-58.66	-13.00	-45.66	H
138.6400	-60.91	1.39	-0.38	-62.68	-13.00	-49.68	H
342.3400	-74.73	2.18	5.8	-71.11	-13.00	-58.11	H
516.9400	-77.11	2.7	6.07	-73.74	-13.00	-60.74	H
612.9700	-76.71	2.94	6.23	-73.42	-13.00	-60.42	H
769.1400	-73.51	3.27	6.39	-70.39	-13.00	-57.39	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSUPA Band V /
TX / CH 4132

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-63.52	1.16	-0.64	-65.32	-13.00	-52.32	V
138.6400	-65.28	1.39	-0.38	-67.05	-13.00	-54.05	V
342.3400	-80.18	2.18	5.8	-76.56	-13.00	-63.56	V
448.0700	-80.69	2.58	5.74	-77.53	-13.00	-64.53	V
561.5600	-82.82	2.85	6	-79.67	-13.00	-66.67	V
698.3300	-82.49	3.11	6.41	-79.19	-13.00	-66.19	V
90.1400	-60.73	1.11	1.07	-60.77	-13.00	-47.77	H
138.6400	-61.76	1.39	-0.38	-63.53	-13.00	-50.53	H
342.3400	-74.78	2.18	5.8	-71.16	-13.00	-58.16	H
486.8700	-79.33	2.66	5.69	-76.30	-13.00	-63.30	H
529.5500	-78.28	2.75	6	-75.03	-13.00	-62.03	H
637.2200	-77.84	3	6.15	-74.69	-13.00	-61.69	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSUPA Band V /
TX / CH 4182

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-63.57	1.16	-0.64	-65.37	-13.00	-52.37	V
138.6400	-65.67	1.39	-0.38	-67.44	-13.00	-54.44	V
342.3400	-80.35	2.18	5.8	-76.73	-13.00	-63.73	V
448.0700	-80.65	2.58	5.74	-77.49	-13.00	-64.49	V
585.8100	-82.69	2.89	6.11	-79.47	-13.00	-66.47	V
734.2200	-82.36	3.19	6.28	-79.27	-13.00	-66.27	V
90.1400	-60.51	1.11	1.07	-60.55	-13.00	-47.55	H
138.6400	-62.32	1.39	-0.38	-64.09	-13.00	-51.09	H
342.3400	-74.27	2.18	5.8	-70.65	-13.00	-57.65	H
516.9400	-76.38	2.7	6.07	-73.01	-13.00	-60.01	H
612.9700	-77.6	2.94	6.23	-74.31	-13.00	-61.31	H
767.2000	-78.11	3.26	6.37	-75.00	-13.00	-62.00	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSUPA Band V /
TX / CH 4233

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-62.75	1.16	-0.64	-64.55	-13.00	-51.55	V
138.6400	-64.33	1.39	-0.38	-66.10	-13.00	-53.10	V
336.5200	-82.02	2.17	5.76	-78.43	-13.00	-65.43	V
448.0700	-79.42	2.58	5.74	-76.26	-13.00	-63.26	V
552.8300	-82.47	2.82	6.14	-79.15	-13.00	-66.15	V
747.8000	-81.28	3.2	6.1	-78.38	-13.00	-65.38	V
87.2300	-59.1	1.09	0.73	-59.46	-13.00	-46.46	H
138.6400	-61.83	1.39	-0.38	-63.60	-13.00	-50.60	H
342.3400	-73.32	2.18	5.8	-69.70	-13.00	-56.70	H
505.3000	-77.22	2.69	5.95	-73.96	-13.00	-60.96	H
637.2200	-78.56	3	6.15	-75.41	-13.00	-62.41	H
770.1100	-78.15	3.27	6.38	-75.04	-13.00	-62.04	H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Above 1GHz**Operation Mode:** GSM 850 / TX / CH 128**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1651.000	-56.92	5.05	6.03	-55.94	-13.00	-42.94	V
2470.000	-48.89	6.3	6.06	-49.13	-13.00	-36.13	V
N/A							
1917.000	-57.87	5.5	5.55	-57.82	-13.00	-44.82	H
2470.000	-53.77	6.3	6.06	-54.01	-13.00	-41.01	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GSM 850 / TX / CH 190**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
2512.000	-44.96	6.37	6.13	-45.20	-13.00	-32.20	V
4591.000	-53.38	9.11	9.95	-52.54	-13.00	-39.54	V
N/A							
2512.000	-47.82	6.37	6.13	-48.06	-13.00	-35.06	H
3688.000	-55.26	8.19	9.09	-54.36	-13.00	-41.36	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GSM 850 / TX / CH 251**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
2512.000	-45.62	6.37	6.13	-45.86	-13.00	-32.86	V
4675.000	-54	9.13	10.08	-53.05	-13.00	-40.05	V
N/A							
1196.000	-59.09	4.25	4.11	-59.23	-13.00	-46.23	H
2512.000	-48.57	6.37	6.13	-48.81	-13.00	-35.81	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GPRS 850 / TX / CH 128**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
2470.000	-48.91	6.3	6.06	-49.15	-13.00	-36.15	V
4066.000	-54.35	8.42	9.45	-53.32	-13.00	-40.32	V
N/A							
1651.000	-56.05	5.05	6.03	-55.07	-13.00	-42.07	H
2470.000	-53.49	6.3	6.06	-53.73	-13.00	-40.73	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GPRS 850 / TX / CH 190**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1672.000	-54.67	5.07	5.99	-53.75	-13.00	-40.75	V
2512.000	-44.99	6.37	6.13	-45.23	-13.00	-32.23	V
N/A							
2512.000	-48.47	6.37	6.13	-48.71	-13.00	-35.71	H
3954.000	-53.89	8.37	9.35	-52.91	-13.00	-39.91	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GPRS 850 / TX / CH 251**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
2512.000	-44.78	6.37	6.13	-45.02	-13.00	-32.02	V
3310.000	-56.36	7.47	8.33	-55.50	-13.00	-42.50	V
N/A							
2512.000	-47.67	6.37	6.13	-47.91	-13.00	-34.91	H
3758.000	-54.78	8.23	9.16	-53.85	-13.00	-40.85	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GSM 1900 / TX / CH 512**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3856.000	-50.27	8.33	9.26	-49.34	-13.00	-36.34	V
7398.000	-38.51	12.09	12.54	-38.06	-13.00	-25.06	V
N/A							
4423.000	-52.79	8.7	9.74	-51.75	-13.00	-38.75	H
5550.000	-52.15	10.06	10.81	-51.40	-13.00	-38.40	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GSM 1900 / TX / CH 661**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3919.000	-51.4	8.38	9.32	-50.46	-13.00	-37.46	V
7517.000	-38.3	12.24	12.72	-37.82	-13.00	-24.82	V
N/A							
3527.000	-55.66	7.93	8.93	-54.66	-13.00	-41.66	H
4129.000	-53.16	8.47	9.5	-52.13	-13.00	-39.13	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GSM 1900 / TX / CH 810**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3863.000	-53.47	8.34	9.26	-52.55	-13.00	-39.55	V
7398.000	-39.01	12.09	12.54	-38.56	-13.00	-25.56	V
N/A							
3149.000	-56.05	7.21	7.85	-55.41	-13.00	-42.41	H
4339.000	-53.61	8.62	9.67	-52.56	-13.00	-39.56	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GPRS 1900 / TX / CH 512**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3863.000	-52.06	8.34	9.26	-51.14	-13.00	-38.14	V
7398.000	-39.22	12.09	12.54	-38.77	-13.00	-25.77	V
N/A							
3877.000	-53.49	8.36	9.28	-52.57	-13.00	-39.57	H
4262.000	-52.79	8.56	9.61	-51.74	-13.00	-38.74	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GPRS 1900 / TX / CH 661**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3919.000	-52.09	8.38	9.32	-51.15	-13.00	-38.15	V
7517.000	-37.28	12.24	12.72	-36.80	-13.00	-23.80	V
N/A							
3527.000	-56.03	7.93	8.93	-55.03	-13.00	-42.03	H
4808.000	-52.48	9.32	10.29	-51.51	-13.00	-38.51	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: GPRS 1900 / TX / CH 810**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3604.000	-56	8.11	9	-55.11	-13.00	-42.11	V
4423.000	-54.35	8.7	9.74	-53.31	-13.00	-40.31	V
N/A							
3142.000	-55.31	7.21	7.83	-54.69	-13.00	-41.69	H
4297.000	-53.3	8.6	9.64	-52.26	-13.00	-39.26	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: EDGE 850 / TX / CH 128**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
2470.000	-49.74	6.3	6.06	-49.98	-13.00	-36.98	V
4073.000	-54.13	8.43	9.46	-53.10	-13.00	-40.10	V
N/A							
1651.000	-56.51	5.05	6.03	-55.53	-13.00	-42.53	H
2470.000	-52.58	6.3	6.06	-52.82	-13.00	-39.82	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: EDGE 850 / TX / CH 190**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
2512.000	-44.89	6.37	6.13	-45.13	-13.00	-32.13	V
3527.000	-55.2	7.93	8.93	-54.20	-13.00	-41.20	V
N/A							
1672.000	-55.07	5.07	5.99	-54.15	-13.00	-41.15	H
2512.000	-48.11	6.37	6.13	-48.35	-13.00	-35.35	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: EDGE 850 / TX / CH 251**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1672.000	-54.53	5.07	5.99	-53.61	-13.00	-40.61	V
2512.000	-45.22	6.37	6.13	-45.46	-13.00	-32.46	V
N/A							
2512.000	-48.72	6.37	6.13	-48.96	-13.00	-35.96	H
5032.000	-54.15	9.42	10.61	-52.96	-13.00	-39.96	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: EDGE 1900 / TX / CH 512**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3863.000	-52.49	8.34	9.26	-51.57	-13.00	-38.57	V
7398.000	-39.83	12.09	12.54	-39.38	-13.00	-26.38	V
N/A							
3254.000	-56.02	7.37	8.16	-55.23	-13.00	-42.23	H
3954.000	-54.03	8.37	9.35	-53.05	-13.00	-40.05	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: EDGE 1900 / TX / CH 661**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3919.000	-51.97	8.38	9.32	-51.03	-13.00	-38.03	V
7517.000	-39.24	12.24	12.72	-38.76	-13.00	-25.76	V
N/A							
2981.000	-56.43	7.04	7.35	-56.12	-13.00	-43.12	H
4346.000	-53.1	8.62	9.68	-52.04	-13.00	-39.04	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: EDGE 1900 / TX / CH 810**Test Date:** June 3, 2015**Temperature:** 26°C**Tested by:** David Shu**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3982.000	-52.17	8.36	9.38	-51.15	-13.00	-38.15	V
7636.000	-32.99	12.24	12.84	-32.39	-13.00	-19.39	V
N/A							
3744.000	-55.26	8.23	9.14	-54.35	-13.00	-41.35	H
4430.000	-53.38	8.72	9.74	-52.36	-13.00	-39.36	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA Band II / TX / CH 9262**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3709.000	-38.42	8.21	9.11	-37.52	-13.00	-24.52	V
5564.000	-52.11	10.1	10.81	-51.40	-13.00	-38.40	V
N/A							
3702.000	-36.93	8.2	9.1	-36.03	-13.00	-23.03	H
5557.000	-48.78	10.08	10.81	-48.05	-13.00	-35.05	H
7412.000	-37.48	12.11	12.56	-37.03	-13.00	-24.03	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA Band II / TX / CH 9400**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3765.000	-38.67	8.24	9.16	-37.75	-13.00	-24.75	V
5641.000	-53.12	10.18	10.83	-52.47	-13.00	-39.47	V
N/A							
3765.000	-37.56	8.24	9.16	-36.64	-13.00	-23.64	H
5641.000	-49.92	10.18	10.83	-49.27	-13.00	-36.27	H
7517.000	-39.44	12.24	12.72	-38.96	-13.00	-25.96	H
N/A							
					-13.00		H

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA Band II / TX / CH 9538**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3814.000	-36.93	8.28	9.21	-36.00	-13.00	-23.00	V
5718.000	-51.56	10.21	10.84	-50.93	-13.00	-37.93	V
N/A							
3814.000	-35.77	8.28	9.21	-34.84	-13.00	-21.84	H
5718.000	-47.9	10.21	10.84	-47.27	-13.00	-34.27	H
7636.000	-37.09	12.24	12.84	-36.49	-13.00	-23.49	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA Band V / TX / CH 4132**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1651.000	-59.69	5.05	6.03	-58.71	-13.00	-45.71	V
4262.000	-54.38	8.56	9.61	-53.33	-13.00	-40.33	V
N/A							
1651.000	-57.84	5.05	6.03	-56.86	-13.00	-43.86	H
3919.000	-53.19	8.38	9.32	-52.25	-13.00	-39.25	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA Band V / TX / CH 4182**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3597.000	-55.22	8.1	9	-54.32	-13.00	-41.32	V
4507.000	-54.17	8.93	9.81	-53.29	-13.00	-40.29	V
N/A							
3107.000	-55.05	7.18	7.72	-54.51	-13.00	-41.51	H
4325.000	-53.31	8.61	9.66	-52.26	-13.00	-39.26	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin > 20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA Band V / TX / CH 4233**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
2890.000	-56.66	7.12	7.11	-56.67	-13.00	-43.67	V
3919.000	-54.58	8.38	9.32	-53.64	-13.00	-40.64	V
N/A							
2827.000	-56.01	6.9	6.95	-55.96	-13.00	-42.96	H
5144.000	-51.85	9.5	10.66	-50.69	-13.00	-37.69	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSDPA Band II / TX / CH 9262**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3709.000	-36.92	8.21	9.11	-36.02	-13.00	-23.02	V
5557.000	-49.65	10.08	10.81	-48.92	-13.00	-35.92	V
7405.000	-37.45	12.1	12.55	-37.00	-13.00	-24.00	V
N/A							
3702.000	-40.31	8.2	9.1	-39.41	-13.00	-26.41	H
5557.000	-51.83	10.08	10.81	-51.10	-13.00	-38.10	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSDPA Band II / TX / CH 9400**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3758.000	-38.57	8.23	9.16	-37.64	-13.00	-24.64	V
5641.000	-50.64	10.18	10.83	-49.99	-13.00	-36.99	V
7517.000	-39.92	12.24	12.72	-39.44	-13.00	-26.44	V
N/A							
3758.000	-38.72	8.23	9.16	-37.79	-13.00	-24.79	H
5641.000	-52.72	10.18	10.83	-52.07	-13.00	-39.07	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSDPA Band II / TX / CH 9538**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3814.000	-36.44	8.28	9.21	-35.51	-13.00	-22.51	V
5718.000	-47.9	10.21	10.84	-47.27	-13.00	-34.27	V
7636.000	-37.4	12.24	12.84	-36.80	-13.00	-23.80	V
N/A							
3814.000	-35.89	8.28	9.21	-34.96	-13.00	-21.96	H
5718.000	-51.22	10.21	10.84	-50.59	-13.00	-37.59	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSDPA Band V / TX / CH 4132**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1651.000	-57.18	5.05	6.03	-56.20	-13.00	-43.20	V
3646.000	-54.77	8.15	9.05	-53.87	-13.00	-40.87	V
N/A							
1658.000	-56.53	5.06	6.02	-55.57	-13.00	-42.57	H
4003.000	-52.86	8.35	9.4	-51.81	-13.00	-38.81	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSDPA Band V / TX / CH 4182**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1952.000	-56.92	5.59	5.49	-57.02	-13.00	-44.02	V
3947.000	-53.51	8.37	9.35	-52.53	-13.00	-39.53	V
N/A							
2211.000	-56.68	5.96	5.7	-56.94	-13.00	-43.94	H
3625.000	-54.51	8.13	9.03	-53.61	-13.00	-40.61	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSDPA Band V / TX / CH 4233**Test Date:** June 1, 2015**Temperature:** 26°C**Tested by:** Dennis Li**Humidity:** 60 % RH**Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1693.000	-58.64	5.1	5.95	-57.79	-13.00	-44.79	V
2925.000	-56.33	7.12	7.21	-56.24	-13.00	-43.24	V
N/A							
2204.000	-56.37	5.95	5.69	-56.63	-13.00	-43.63	H
3996.000	-53.61	8.35	9.4	-52.56	-13.00	-39.56	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSUPA Band II /
TX / CH 9262

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3709.000	-38.11	8.21	9.11	-37.21	-13.00	-24.21	V
5557.000	-50.45	10.08	10.81	-49.72	-13.00	-36.72	V
7412.000	-38.43	12.11	12.56	-37.98	-13.00	-24.98	V
N/A							
3709.000	-39.7	8.21	9.11	-38.80	-13.00	-25.80	H
5557.000	-52.27	10.08	10.81	-51.54	-13.00	-38.54	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSUPA Band II /
TX / CH 9400

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3765.000	-39.61	8.24	9.16	-38.69	-13.00	-25.69	V
5634.000	-51.07	10.18	10.83	-50.42	-13.00	-37.42	V
7524.000	-40.67	12.23	12.72	-40.18	-13.00	-27.18	V
N/A							
3758.000	-38.66	8.23	9.16	-37.73	-13.00	-24.73	H
5641.000	-53.41	10.18	10.83	-52.76	-13.00	-39.76	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSUPA Band II /
TX / CH 9538

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3814.000	-37.41	8.28	9.21	-36.48	-13.00	-23.48	V
5725.000	-50.08	10.22	10.84	-49.46	-13.00	-36.46	V
7636.000	-39.49	12.24	12.84	-38.89	-13.00	-25.89	V
N/A							
3814.000	-38.1	8.28	9.21	-37.17	-13.00	-24.17	H
5725.000	-51.52	10.22	10.84	-50.90	-13.00	-37.90	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSUPA Band V /
TX / CH 4132

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1952.000	-55.43	5.59	5.49	-55.53	-13.00	-42.53	V
4290.000	-54.14	8.59	9.63	-53.10	-13.00	-40.10	V
N/A							
3086.000	-56.14	7.15	7.66	-55.63	-13.00	-42.63	H
4227.000	-53.68	8.52	9.58	-52.62	-13.00	-39.62	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSUPA Band V /
TX / CH 4182

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
2932.000	-57.08	7.11	7.22	-56.97	-13.00	-43.97	V
3919.000	-54.66	8.38	9.32	-53.72	-13.00	-40.72	V
N/A							
2953.000	-56.25	7.08	7.28	-56.05	-13.00	-43.05	H
4773.000	-52.6	9.27	10.24	-51.63	-13.00	-38.63	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Operation Mode: WCDMA / HSUPA Band V /
TX / CH 4233

Test Date: June 1, 2015

Temperature: 26°C

Tested by: Dennis Li

Humidity: 60 % RH

Polarity: Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3191.000	-56.45	7.25	7.97	-55.73	-13.00	-42.73	V
4815.000	-53.8	9.31	10.3	-52.81	-13.00	-39.81	V
N/A							
2666.000	-57.08	6.65	6.53	-57.20	-13.00	-44.20	H
4430.000	-53.5	8.72	9.74	-52.48	-13.00	-39.48	H
N/A							

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.