



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

**TEST REPORT**

**For**

**Tablet Computer**

**Model: TP00064B**

**Trade Name: Lenovo**

*Issued to*

**COMPAL ELECTRONICS INC**

**No.581, Ruiguang Rd., Neihu District, Taipei City 11492, Taiwan (R.O.C)**

*Issued by*

**Compliance Certification Services Inc.**

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

**<http://www.ccsrf.com>**

**[service@ccsrf.com](mailto:service@ccsrf.com)**

**Issued Date: April 16, 2015**

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**Revision History**

| Rev. | Issue Date     | Revisions     | Effect Page | Revised By |
|------|----------------|---------------|-------------|------------|
| 00   | April 16, 2015 | Initial Issue | ALL         | Doris Chu  |



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## 1. TEST RESULT CERTIFICATION

**Applicant:** COMPAL ELECTRONICS INC  
No.581, Ruiguang Rd., Neihu District, Taipei City 11492, Taiwan  
(R.O.C)

**Equipment Under Test:** Tablet Computer

**Trade Name:** Lenovo

**Model:** TP00064B

**Date of Test:** March 4 ~ 31, 2015

| APPLICABLE STANDARDS                                                                                                                     |                         |
|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| STANDARD                                                                                                                                 | TEST RESULT             |
| FCC 47 CFR PART 22 SUBPART H AND<br>PART 24 SUBPART E<br>&<br>IC RSS-132 Issue 3: January, 2013 and<br>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:**

**Reviewed by:**

Miller Lee  
Manager  
Compliance Certification Services Inc.

Angel Cheng  
Section Manager  
Compliance Certification Services Inc.



## 2. EUT DESCRIPTION

|                                                  |                                                                                                                                                                                                                                                                 |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product</b>                                   | Tablet Computer                                                                                                                                                                                                                                                 |
| <b>Trade Name</b>                                | Lenovo                                                                                                                                                                                                                                                          |
| <b>Model</b>                                     | TP00064B                                                                                                                                                                                                                                                        |
| <b>Model Discrepancy</b>                         | N/A                                                                                                                                                                                                                                                             |
| <b>WLAN Module</b>                               | Sierra Wireless / EM7345                                                                                                                                                                                                                                        |
| <b>Received Date</b>                             | March 2, 2015                                                                                                                                                                                                                                                   |
| <b>Frequency Range</b>                           | GPRS / EDGE: 850: 824.2 ~ 848.8 MHz<br>GPRS / EDGE: 1900: 1850.2 ~ 1909.8 MHz<br>WCDMA / HSDPA / HSUPA Band II: 1852.4 ~ 1907.6 MHz<br>WCDMA / HSDPA / HSUPA Band V: 826.4 ~ 846.6MHz                                                                           |
| <b>EUT Power Rating</b>                          | Power form host device                                                                                                                                                                                                                                          |
| <b>Transmit Power<br/>(ERP &amp; EIRP Power)</b> | GPRS 850: 29.40 dBm<br>EDGE 850: 27.81 dBm<br>GPRS 1900: 29.46 dBm<br>EDGE 1900: 28.34 dBm<br>WCDMA Band II: 24.51 dBm<br>WCDMA Band V: 22.62 dBm<br>HSDPA Band II: 23.59 dBm<br>HSDPA Band V: 20.96 dBm<br>HSUPA Band II: 23.94 dBm<br>HSUPA Band V: 21.03 dBm |
| <b>Modulation Technique</b>                      | GMSK, BPSK, QPSK                                                                                                                                                                                                                                                |
| <b>Antenna Specification</b>                     | TE Connectivity / DC33001MT00<br>GPRS / EDGE 850MHz: -1.07dBi<br>GPRS / EDGE: 1900MHz: 2.23dBi<br>WCDMA Band II: 2.23dBi<br>WCDMA Band V: -1.07dBi                                                                                                              |
| <b>Antenna Type</b>                              | Monopole Antenna                                                                                                                                                                                                                                                |

**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 for IC, ANSI C63.10: 2009 for FCC, 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 for IC, ANSI C63.10: 2009 for FCC 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**

The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in ANSI C63.10: 2013 for IC, ANSI C63.10: 2009 for FCC. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-peak and average detector modes.

##### **Radiated Emissions**

The EUT is placed on a turn table, which is 0.8 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 for IC, ANSI C63.10: 2009 for FCC.



### **3.4 DESCRIPTION OF TEST MODES**

The EUT (model: TP00064B) 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.

GPRS / EDGE 850MHz:

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

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.

The field strength of spurious emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in stand-up position (Z axis) and the worst case was recorded.

Test items for conducted and radiated emission were performed for report. Other testing data please refer to module (Brand: Sierra, Model: EM7345, FCC ID: N7NEM7345 and IC: 2417C-EM7345)



#### 4. INSTRUMENT CALIBRATION 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      |



## **5. FACILITIES AND ACCREDITATIONS**

### **5.1 FACILITIES**

☐ 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 for IC, ANSI C63.10: 2009 for FCC 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, and/or ridged waveguide, horn. 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.

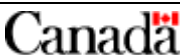
Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

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.

**5.4TABLE OF ACCREDITATIONS AND LISTINGS**

| Country | Agency          | Scope of Accreditation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Logo                                                                                                              |
|---------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| USA     | FCC             | 3M Semi Anechoic Chamber (FCC MRA: TW1309) to perform FCC Part 15 measurements                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <br>FCC MRA: TW1309            |
| Taiwan  | TAF             | LP0002, RTTE01, FCC Method-47 CFR Part 15 Subpart C, D, E, RSS-210, RSS-310<br>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<br>FCC OET Bulletin 65 + Supplement C,<br>EN 50360, EN 50361, EN 50371, RSS 102, EN 50383, EN 50385, EN 50392, IEC 62209, CNS 14958-1, CNS 14959<br>FCC Method –47 CFR Part 15 Subpart B<br>IEC / EN 61000-3-2, IEC / EN 61000-3-3,<br>IEC / EN 61000-4-2/3/4/5/6/8/11 | <br>Testing Laboratory<br>1309 |
| Canada  | Industry Canada | 3M Semi Anechoic Chamber (IC 2324G-1 / IC 2324G-2) to perform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <br>IC 2324G-1<br>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:**

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.*
- 2. 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 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.

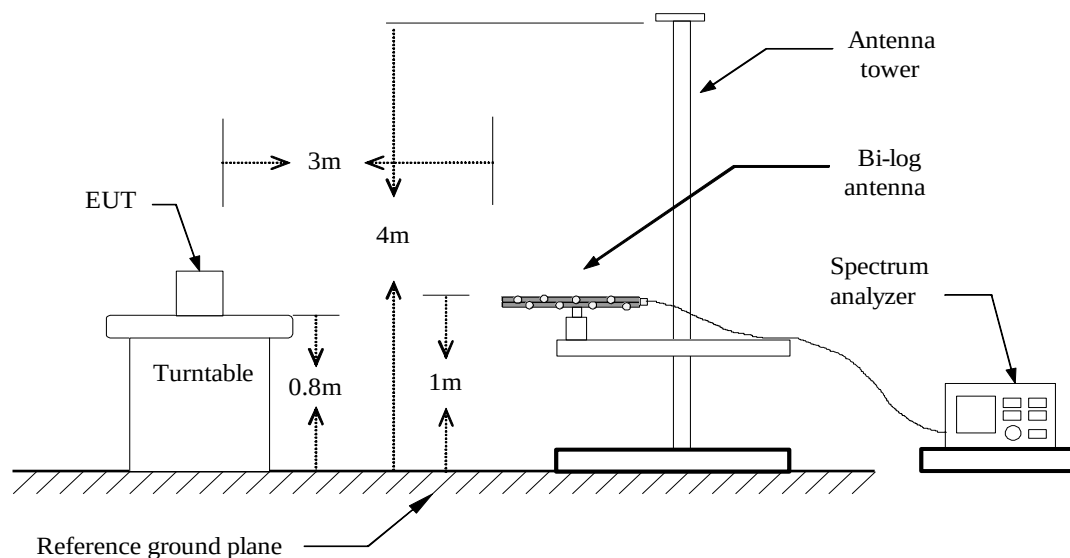
RSS-132 § 4.4 The maximum (ERP) shall be 6.3 Watts for mobile stations.

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

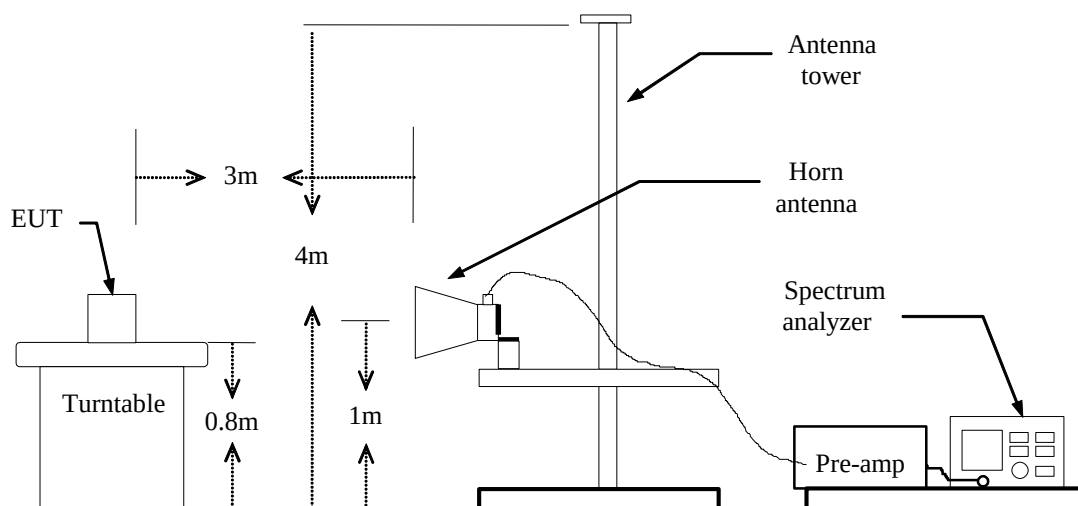
RSS133 § 6.4: Mobile stations and hand-held portables are limited to 2 watts maximum (EIRP).

#### Test Configuration

##### Below 1 GHz

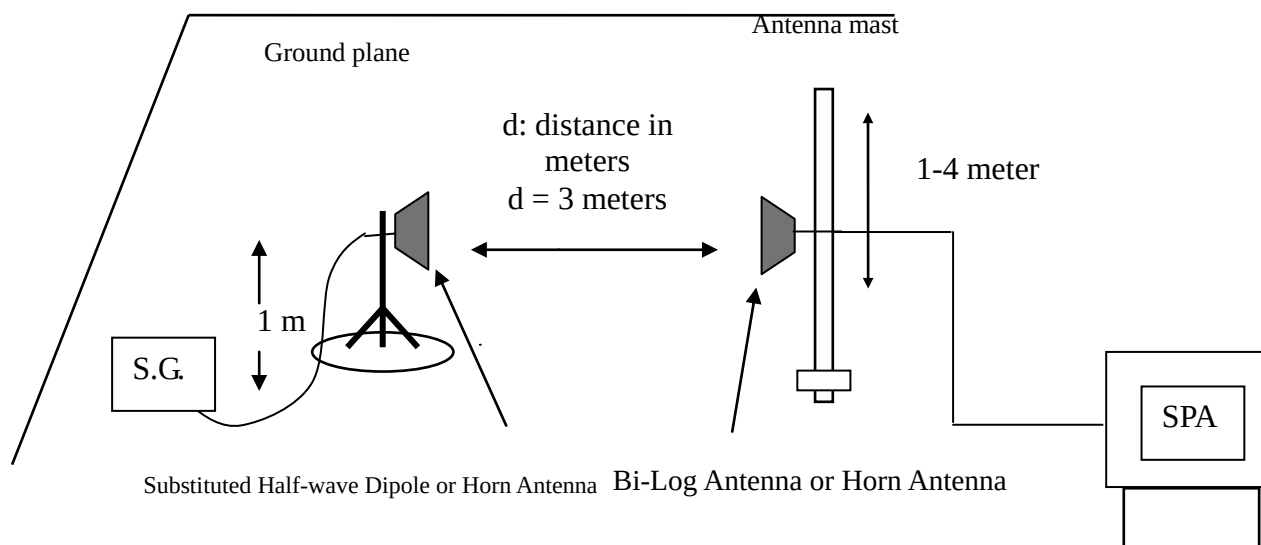


##### Above 1 GHz





## 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 3MHz and the average bandwidth was set to 3MHz. 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:

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

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

## TEST RESULTS

*No non-compliance noted.*

**TEST DATA****GPRS 850**

| Channel | Frequency (MHz) | Antenna Pol. | S.G. (dBm) | Cable loss (dB) | Ant.Gain (dBi) | Emission level (dBm) | Limit (dBm) | Margin (dB) |
|---------|-----------------|--------------|------------|-----------------|----------------|----------------------|-------------|-------------|
| 128     | 836.4700        | V            | 11.84      | 3.4             | 6.36           | 14.80                | 38.45       | -23.65      |
|         | 836.7500        | H            | 25.54      | 3.4             | 6.37           | 28.51                | 38.45       | -9.94       |
| 190     | 836.5400        | V            | 11.78      | 3.4             | 6.36           | 14.74                | 38.45       | -23.71      |
|         | 836.6800        | H            | 25.44      | 3.4             | 6.37           | 28.41                | 38.45       | -10.04      |
| 251     | 848.7200        | V            | 13.08      | 3.4             | 6.4            | 16.08                | 38.45       | -22.37      |
|         | 848.7900        | H            | 26.4       | 3.4             | 6.4            | <b>*29.40</b>        | 38.45       | -9.05       |

**GPRS 1900**

| 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            | 29.16      | 5.37            | 5.67           | <b>*29.46</b>        | 33.00       | -3.54       |
|         | 1850.040        | H            | 21.25      | 5.37            | 5.67           | 21.55                | 33.00       | -11.45      |
| 661     | 1879.920        | V            | 28.73      | 5.42            | 5.62           | 28.93                | 33.00       | -4.07       |
|         | 1880.040        | H            | 20.23      | 5.42            | 5.62           | 20.43                | 33.00       | -12.57      |
| 810     | 1909.680        | V            | 28.18      | 5.48            | 5.56           | 28.26                | 33.00       | -4.74       |
|         | 1909.800        | H            | 19.18      | 5.48            | 5.56           | 19.26                | 33.00       | -13.74      |

**EGPRS 850**

| 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            | 24.04      | 3.39            | 6.24           | 26.89                | 38.45       | -11.56      |
|         | 824.2200        | H            | 19         | 3.39            | 6.24           | 21.85                | 38.45       | -16.60      |
| 190     | 836.6100        | V            | 24.19      | 3.4             | 6.37           | 27.16                | 38.45       | -11.29      |
|         | 836.5400        | H            | 19.25      | 3.4             | 6.36           | 22.21                | 38.45       | -16.24      |
| 251     | 848.7200        | V            | 24.81      | 3.4             | 6.4            | <b>*27.81</b>        | 38.45       | -10.64      |
|         | 848.7200        | H            | 19.41      | 3.4             | 6.4            | 22.41                | 38.45       | -16.04      |

**EGPRS 1900**

| 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            | 28.04      | 5.37            | 5.67           | <b>*28.34</b>        | 33.00       | -4.66       |
|         | 1850.160        | H            | 19.84      | 5.37            | 5.67           | 20.14                | 33.00       | -12.86      |
| 661     | 1879.920        | V            | 27.94      | 5.42            | 5.62           | 28.14                | 33.00       | -4.86       |
|         | 1880.040        | H            | 19.32      | 5.42            | 5.62           | 19.52                | 33.00       | -13.48      |
| 810     | 1909.680        | V            | 27.2       | 5.48            | 5.56           | 27.28                | 33.00       | -5.72       |
|         | 1909.800        | H            | 18.32      | 5.48            | 5.56           | 18.40                | 33.00       | -14.60      |

**WCDMA BAND II**

| Channel | Frequency (MHz) | Antenna Pol. | S.G. (dBm) | Cable loss (dB) | Ant.Gain (dBi) | Emission level (dBm) | Limit (dBm) | Margin (dB) |
|---------|-----------------|--------------|------------|-----------------|----------------|----------------------|-------------|-------------|
| 9262    | 1853.160        | V            | 22.85      | 5.38            | 5.66           | 23.13                | 33.00       | -9.87       |
|         | 1853.160        | H            | 15.69      | 5.38            | 5.66           | 15.97                | 33.00       | -17.03      |
| 9400    | 1879.560        | V            | 23.71      | 5.42            | 5.62           | 23.91                | 33.00       | -9.09       |
|         | 1879.320        | H            | 16.28      | 5.42            | 5.62           | 16.48                | 33.00       | -16.52      |
| 9538    | 1908.480        | V            | 24.42      | 5.47            | 5.56           | <b>*24.51</b>        | 33.00       | -8.49       |
|         | 1908.480        | H            | 16.32      | 5.47            | 5.56           | 16.41                | 33.00       | -16.59      |

**WCDMA BAND V**

| Channel | Frequency (MHz) | Antenna Pol. | S.G. (dBm) | Cable loss (dB) | Ant.Gain (dBi) | Emission level (dBm) | Limit (dBm) | Margin (dB) |
|---------|-----------------|--------------|------------|-----------------|----------------|----------------------|-------------|-------------|
| 4132    | 825.3400        | V            | 17.27      | 3.39            | 6.25           | 20.13                | 38.45       | -18.32      |
|         | 825.3400        | H            | 8.83       | 3.39            | 6.25           | 11.69                | 38.45       | -26.76      |
| 4182    | 837.0300        | V            | 19.65      | 3.4             | 6.37           | <b>*22.62</b>        | 38.45       | -15.83      |
|         | 837.3800        | H            | 12.4       | 3.4             | 6.37           | 15.37                | 38.45       | -23.08      |
| 4233    | 845.5000        | V            | 18.46      | 3.4             | 6.4            | 21.46                | 38.45       | -16.99      |
|         | 845.3600        | H            | 13.19      | 3.4             | 6.4            | 16.19                | 38.45       | -22.26      |

**HSDPA BAND II**

| Channel | Frequency (MHz) | Antenna Pol. | S.G. (dBm) | Cable loss (dB) | Ant.Gain (dBi) | Emission level (dBm) | Limit (dBm) | Margin (dB) |
|---------|-----------------|--------------|------------|-----------------|----------------|----------------------|-------------|-------------|
| 9262    | 1853.640        | V            | 22.88      | 5.38            | 5.66           | 22.16                | 33.00       | -10.84      |
|         | 1853.400        | H            | 19.63      | 5.38            | 5.66           | 17.91                | 33.00       | -15.09      |
| 9400    | 1878.960        | V            | 24.39      | 5.42            | 5.62           | <b>*23.59</b>        | 33.00       | -9.41       |
|         | 1879.080        | H            | 17.57      | 5.42            | 5.62           | 17.77                | 33.00       | -15.23      |
| 9538    | 1908.840        | V            | 25.27      | 5.47            | 5.56           | 23.36                | 33.00       | -9.64       |
|         | 1908.480        | H            | 17.79      | 5.47            | 5.56           | 17.88                | 33.00       | -15.12      |

**HSDPA BAND V**

| 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            | 17.63      | 3.39            | 6.27           | 20.51                | 38.45       | -17.94      |
|         | 825.6200        | H            | 10.4       | 3.39            | 6.25           | 13.26                | 38.45       | -25.19      |
| 4182    | 837.1000        | V            | 17.49      | 3.4             | 6.37           | 20.46                | 38.45       | -17.99      |
|         | 837.3100        | H            | 10.5       | 3.4             | 6.37           | 13.47                | 38.45       | -24.98      |
| 4233    | 845.5000        | V            | 17.96      | 3.4             | 6.4            | <b>*20.96</b>        | 38.45       | -17.49      |
|         | 845.4300        | H            | 11.58      | 3.4             | 6.4            | 14.58                | 38.45       | -23.87      |

**HSUPA BAND II**

| Channel | Frequency (MHz) | Antenna Pol. | S.G. (dBm) | Cable loss (dB) | Ant.Gain (dBi) | Emission level (dBm) | Limit (dBm) | Margin (dB) |
|---------|-----------------|--------------|------------|-----------------|----------------|----------------------|-------------|-------------|
| 9262    | 1851.720        | V            | 22.91      | 5.37            | 5.67           | 22.21                | 33.00       | -10.79      |
|         | 1853.400        | H            | 19.76      | 5.38            | 5.66           | 19.04                | 33.00       | -11.96      |
| 9400    | 1879.200        | V            | 24.46      | 5.42            | 5.62           | 23.66                | 33.00       | -9.34       |
|         | 1878.840        | H            | 17.56      | 5.42            | 5.62           | 17.76                | 33.00       | -15.24      |
| 9538    | 1908.600        | V            | 25.85      | 5.47            | 5.56           | <b>*23.94</b>        | 33.00       | -9.06       |
|         | 1908.600        | H            | 17.62      | 5.47            | 5.56           | 17.71                | 33.00       | -15.29      |

**HSUPA BAND V**

| Channel | Frequency (MHz) | Antenna Pol. | S.G. (dBm) | Cable loss (dB) | Ant.Gain (dBi) | Emission level (dBm) | Limit (dBm) | Margin (dB) |
|---------|-----------------|--------------|------------|-----------------|----------------|----------------------|-------------|-------------|
| 4132    | 825.7600        | V            | 17.78      | 3.39            | 6.25           | 20.64                | 38.45       | -17.81      |
|         | 825.6200        | H            | 10.31      | 3.39            | 6.25           | 13.17                | 38.45       | -25.28      |
| 4182    | 837.4500        | V            | 17.57      | 3.4             | 6.37           | 20.54                | 38.45       | -17.91      |
|         | 837.8000        | H            | 10.45      | 3.41            | 6.38           | 13.42                | 38.45       | -25.03      |
| 4233    | 845.6400        | V            | 18.03      | 3.4             | 6.4            | <b>*21.03</b>        | 38.45       | -17.42      |
|         | 845.4300        | H            | 11.53      | 3.4             | 6.4            | 14.53                | 38.45       | -23.92      |



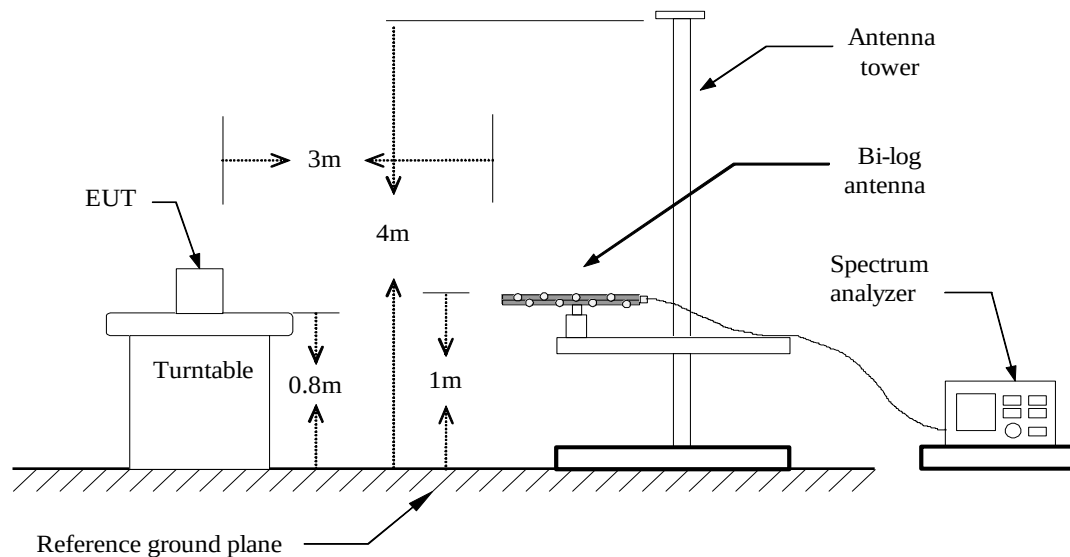
## 7.2 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

### LIMIT

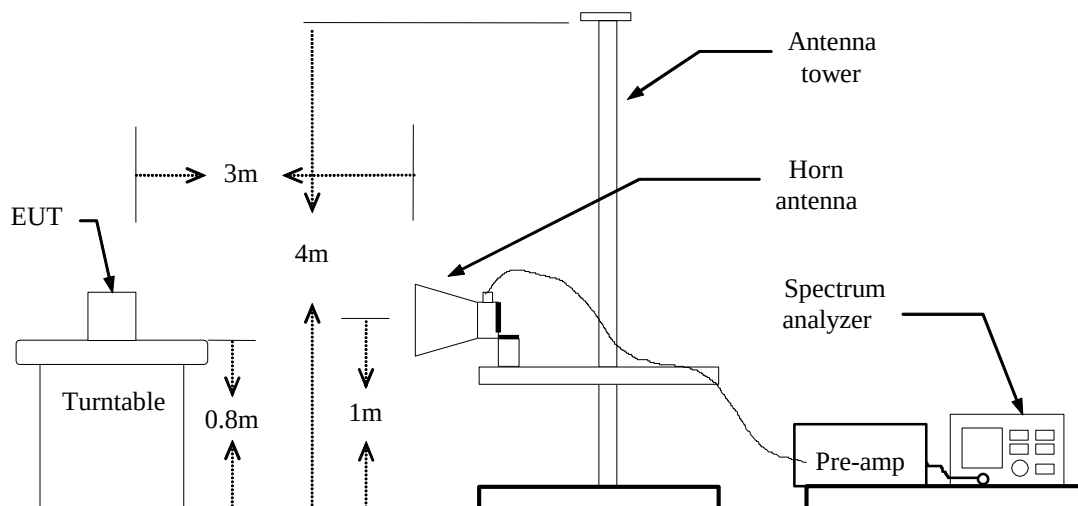
According to FCC §2.1053, RSS-132 (4.6) & RSS-133 (6.5).

### Test Configuration

#### Below 1 GHz

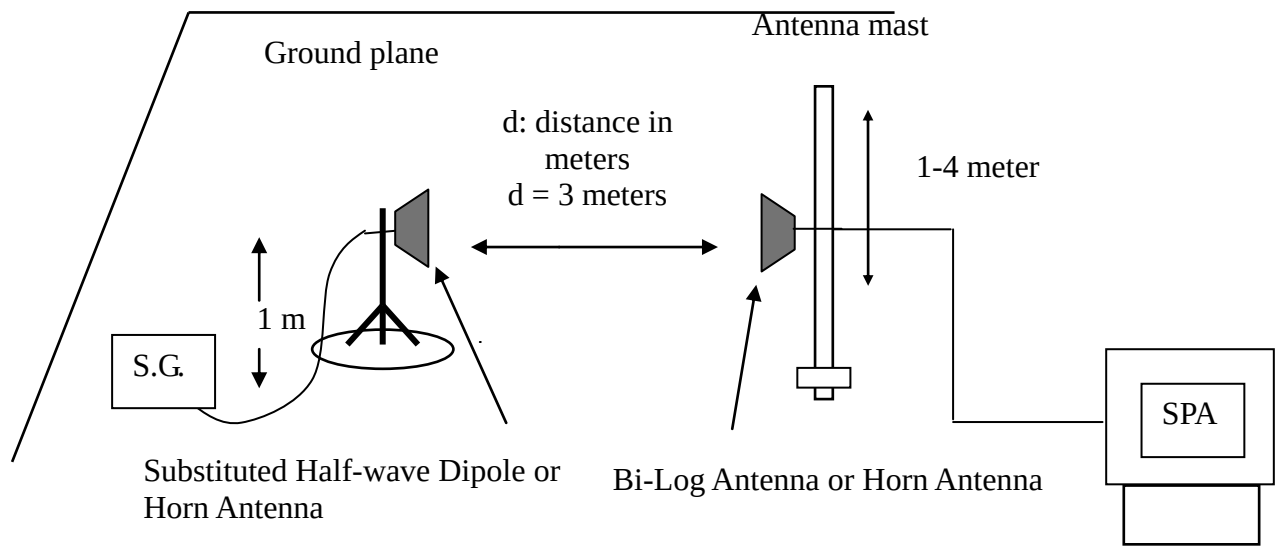


#### Above 1 GHz





## 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:** GPRS 850 / TX / CH 128**Test Date:** March 4, 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 66.8600         | -75.72     | 0.93            | -1.89          | -78.54               | -13.00      | -65.54      | V                          |
| 157.0700        | -79.4      | 1.47            | 1.22           | -79.65               | -13.00      | -66.65      | V                          |
| 255.0400        | -85.51     | 1.87            | 5.65           | -81.73               | -13.00      | -68.73      | V                          |
| 386.9600        | -84.76     | 2.32            | 6              | -81.08               | -13.00      | -68.08      | V                          |
| 541.1900        | -81.93     | 2.78            | 6.25           | -78.46               | -13.00      | -65.46      | V                          |
| 634.3100        | -81.54     | 2.99            | 6.18           | -78.35               | -13.00      | -65.35      | V                          |
| 66.8600         | -71.24     | 0.93            | -1.89          | -74.06               | -13.00      | -61.06      | H                          |
| 128.9400        | -71.44     | 1.34            | -1.5           | -74.28               | -13.00      | -61.28      | H                          |
| 157.0700        | -74.8      | 1.47            | 1.22           | -75.05               | -13.00      | -62.05      | H                          |
| 191.0200        | -77.36     | 1.62            | 3.89           | -75.09               | -13.00      | -62.09      | H                          |
| 332.6400        | -80.67     | 2.16            | 5.73           | -77.10               | -13.00      | -64.10      | H                          |
| 540.2200        | -77.34     | 2.78            | 6.26           | -73.86               | -13.00      | -60.86      | 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:** March 5, 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 66.8600         | -75.61     | 0.93            | -1.89          | -78.43               | -13.00      | -65.43      | V                          |
| 157.0700        | -80.95     | 1.47            | 1.22           | -81.20               | -13.00      | -68.20      | V                          |
| 280.2600        | -86.08     | 2               | 5.31           | -82.77               | -13.00      | -69.77      | V                          |
| 402.4800        | -83.93     | 2.41            | 5.97           | -80.37               | -13.00      | -67.37      | V                          |
| 472.3200        | -83.32     | 2.62            | 5.72           | -80.22               | -13.00      | -67.22      | V                          |
| 641.1000        | -81.02     | 3.01            | 6.12           | -77.91               | -13.00      | -64.91      | V                          |
| 43.5800         | -63.34     | 0.75            | -9.59          | -73.68               | -13.00      | -60.68      | H                          |
| 128.9400        | -71.51     | 1.34            | -1.5           | -74.35               | -13.00      | -61.35      | H                          |
| 191.0200        | -76.69     | 1.62            | 3.89           | -74.42               | -13.00      | -61.42      | H                          |
| 353.9800        | -81.62     | 2.25            | 5.76           | -78.11               | -13.00      | -65.11      | H                          |
| 437.4000        | -78.3      | 2.52            | 5.88           | -74.94               | -13.00      | -61.94      | H                          |
| 600.3600        | -77.73     | 2.9             | 6.4            | -74.23               | -13.00      | -61.23      | 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:** March 4, 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 66.8600         | -73.2      | 0.93            | -1.89          | -76.02               | -13.00      | -63.02      | V                          |
| 157.0700        | -77.57     | 1.47            | 1.22           | -77.82               | -13.00      | -64.82      | V                          |
| 312.2700        | -84.46     | 2.14            | 5.76           | -80.84               | -13.00      | -67.84      | V                          |
| 423.8200        | -82.05     | 2.47            | 5.8            | -78.72               | -13.00      | -65.72      | V                          |
| 574.1700        | -80.62     | 2.88            | 6.07           | -77.43               | -13.00      | -64.43      | V                          |
| 727.4300        | -79.84     | 3.18            | 6.42           | -76.60               | -13.00      | -63.60      | V                          |
| 65.8900         | -69.79     | 0.93            | -1.93          | -72.65               | -13.00      | -59.65      | H                          |
| 128.9400        | -70.26     | 1.34            | -1.5           | -73.10               | -13.00      | -60.10      | H                          |
| 191.0200        | -75.72     | 1.62            | 3.89           | -73.45               | -13.00      | -60.45      | H                          |
| 326.8200        | -79.59     | 2.17            | 5.71           | -76.05               | -13.00      | -63.05      | H                          |
| 425.7600        | -77.85     | 2.48            | 5.8            | -74.53               | -13.00      | -61.53      | H                          |
| 540.2200        | -75.42     | 2.78            | 6.26           | -71.94               | -13.00      | -58.94      | 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 1900 / TX / CH 512**Test Date:** March 30, 2015**Temperature:** 23°C**Tested by:** David Shu**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 56.1900         | -72        | 0.85            | -3.09          | -75.94               | -13.00      | -62.94      | V                          |
| 173.5600        | -81.02     | 1.58            | 2.9            | -79.70               | -13.00      | -66.70      | V                          |
| 199.7500        | -81.81     | 1.63            | 2.94           | -80.50               | -13.00      | -67.50      | V                          |
| 391.8100        | -76.26     | 2.32            | 6              | -72.58               | -13.00      | -59.58      | V                          |
| 404.4200        | -70.35     | 2.42            | 5.95           | -66.82               | -13.00      | -53.82      | V                          |
| 600.3600        | -78.83     | 2.9             | 6.4            | -75.33               | -13.00      | -62.33      | V                          |
| 126.0300        | -69.5      | 1.32            | -1.69          | -72.51               | -13.00      | -59.51      | H                          |
| 216.2400        | -76.96     | 1.74            | 5.36           | -73.34               | -13.00      | -60.34      | H                          |
| 395.6900        | -70.4      | 2.36            | 5.99           | -66.77               | -13.00      | -53.77      | H                          |
| 444.1900        | -69.36     | 2.56            | 5.81           | -66.11               | -13.00      | -53.11      | H                          |
| 600.3600        | -72.28     | 2.9             | 6.4            | -68.78               | -13.00      | -55.78      | H                          |
| 800.1800        | -73.03     | 3.33            | 6.52           | -69.84               | -13.00      | -56.84      | 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:** March 30, 2015**Temperature:** 23°C**Tested by:** David Shu**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 83.3500         | -77.06     | 1.07            | 0.28           | -77.85               | -13.00      | -64.85      | V                          |
| 157.0700        | -79.47     | 1.47            | 1.22           | -79.72               | -13.00      | -66.72      | V                          |
| 402.4800        | -72.2      | 2.41            | 5.97           | -68.64               | -13.00      | -55.64      | V                          |
| 474.2600        | -71.85     | 2.63            | 5.68           | -68.80               | -13.00      | -55.80      | V                          |
| 600.3600        | -78.9      | 2.9             | 6.4            | -75.40               | -13.00      | -62.40      | V                          |
| 733.2500        | -80.45     | 3.19            | 6.31           | -77.33               | -13.00      | -64.33      | V                          |
| 126.0300        | -69.38     | 1.32            | -1.69          | -72.39               | -13.00      | -59.39      | H                          |
| 369.5000        | -77.79     | 2.3             | 5.8            | -74.29               | -13.00      | -61.29      | H                          |
| 445.1600        | -71.17     | 2.56            | 5.8            | -67.93               | -13.00      | -54.93      | H                          |
| 600.3600        | -71.62     | 2.9             | 6.4            | -68.12               | -13.00      | -55.12      | H                          |
| 721.6100        | -76.2      | 3.17            | 6.49           | -72.88               | -13.00      | -59.88      | H                          |
| 800.1800        | -73.38     | 3.33            | 6.52           | -70.19               | -13.00      | -57.19      | 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:** March 30, 2015**Temperature:** 23°C**Tested by:** David Shu**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 216.2400        | -81.5      | 1.74            | 5.36           | -77.88               | -13.00      | -64.88      | V                          |
| 400.5400        | -71.56     | 2.4             | 5.98           | -67.98               | -13.00      | -54.98      | V                          |
| 474.2600        | -72.77     | 2.63            | 5.68           | -69.72               | -13.00      | -56.72      | V                          |
| 600.3600        | -79.46     | 2.9             | 6.4            | -75.96               | -13.00      | -62.96      | V                          |
| 724.5200        | -80.76     | 3.17            | 6.46           | -77.47               | -13.00      | -64.47      | V                          |
| 876.8100        | -78.38     | 3.46            | 6.63           | -75.21               | -13.00      | -62.21      | V                          |
| 127.0000        | -69.48     | 1.32            | -1.63          | -72.43               | -13.00      | -59.43      | H                          |
| 199.7500        | -76.26     | 1.63            | 2.94           | -74.95               | -13.00      | -61.95      | H                          |
| 398.6000        | -70.76     | 2.38            | 5.98           | -67.16               | -13.00      | -54.16      | H                          |
| 443.2200        | -70.19     | 2.55            | 5.83           | -66.91               | -13.00      | -53.91      | H                          |
| 600.3600        | -71.41     | 2.9             | 6.4            | -67.91               | -13.00      | -54.91      | H                          |
| 800.1800        | -72.2      | 3.33            | 6.52           | -69.01               | -13.00      | -56.01      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 84.3200         | -75.03     | 1.07            | 0.39           | -75.71               | -13.00      | -62.71      | V                          |
| 173.5600        | -80.29     | 1.58            | 2.9            | -78.97               | -13.00      | -65.97      | V                          |
| 265.7100        | -80.25     | 1.95            | 5.32           | -76.88               | -13.00      | -63.88      | V                          |
| 442.2500        | -71.42     | 2.55            | 5.85           | -68.12               | -13.00      | -55.12      | V                          |
| 472.3200        | -74.15     | 2.62            | 5.72           | -71.05               | -13.00      | -58.05      | V                          |
| 600.3600        | -76.55     | 2.9             | 6.4            | -73.05               | -13.00      | -60.05      | V                          |
| 48.4300         | -65.28     | 0.79            | -5.83          | -71.90               | -13.00      | -58.90      | H                          |
| 174.5300        | -70.5      | 1.59            | 3              | -69.09               | -13.00      | -56.09      | H                          |
| 263.7700        | -74.86     | 1.93            | 5.41           | -71.38               | -13.00      | -58.38      | H                          |
| 397.6300        | -71.36     | 2.37            | 5.99           | -67.74               | -13.00      | -54.74      | H                          |
| 446.1300        | -69.21     | 2.57            | 5.78           | -66.00               | -13.00      | -53.00      | H                          |
| 600.3600        | -71.16     | 2.9             | 6.4            | -67.66               | -13.00      | -54.66      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 62.0100         | -69.26     | 0.89            | -2.1           | -72.25               | -13.00      | -59.25      | V                          |
| 172.5900        | -79.2      | 1.58            | 2.8            | -77.98               | -13.00      | -64.98      | V                          |
| 400.5400        | -74.77     | 2.4             | 5.98           | -71.19               | -13.00      | -58.19      | V                          |
| 438.3700        | -72.62     | 2.52            | 5.89           | -69.25               | -13.00      | -56.25      | V                          |
| 608.1200        | -79.37     | 2.93            | 6.32           | -75.98               | -13.00      | -62.98      | V                          |
| 643.0400        | -78.36     | 3.01            | 6.16           | -75.21               | -13.00      | -62.21      | V                          |
| 126.0300        | -66.77     | 1.32            | -1.69          | -69.78               | -13.00      | -56.78      | H                          |
| 174.5300        | -70.32     | 1.59            | 3              | -68.91               | -13.00      | -55.91      | H                          |
| 277.3500        | -74.34     | 2               | 5.25           | -71.09               | -13.00      | -58.09      | H                          |
| 462.6200        | -69.73     | 2.61            | 5.85           | -66.49               | -13.00      | -53.49      | H                          |
| 600.3600        | -71.16     | 2.9             | 6.4            | -67.66               | -13.00      | -54.66      | H                          |
| 664.3800        | -74.6      | 3.06            | 6.3            | -71.36               | -13.00      | -58.36      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 84.3200         | -74.95     | 1.07            | 0.39           | -75.63               | -13.00      | -62.63      | V                          |
| 171.6200        | -79.96     | 1.57            | 2.69           | -78.84               | -13.00      | -65.84      | V                          |
| 264.7400        | -80.33     | 1.94            | 5.36           | -76.91               | -13.00      | -63.91      | V                          |
| 439.3400        | -72.19     | 2.53            | 5.9            | -68.82               | -13.00      | -55.82      | V                          |
| 563.5000        | -79.59     | 2.85            | 6.02           | -76.42               | -13.00      | -63.42      | V                          |
| 600.3600        | -76.52     | 2.9             | 6.4            | -73.02               | -13.00      | -60.02      | V                          |
| 127.0000        | -68.43     | 1.32            | -1.63          | -71.38               | -13.00      | -58.38      | H                          |
| 174.5300        | -69.54     | 1.59            | 3              | -68.13               | -13.00      | -55.13      | H                          |
| 282.2000        | -76.44     | 2.01            | 5.33           | -73.12               | -13.00      | -60.12      | H                          |
| 456.8000        | -68.8      | 2.6             | 5.84           | -65.56               | -13.00      | -52.56      | H                          |
| 600.3600        | -69.57     | 2.9             | 6.4            | -66.07               | -13.00      | -53.07      | H                          |
| 730.3400        | -74.78     | 3.18            | 6.39           | -71.57               | -13.00      | -58.57      | 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:** EDGE 1900 / TX / CH 512**Test Date:** March 30, 2015**Temperature:** 23°C**Tested by:** David Shu**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 157.0700        | -79.96     | 1.47            | 1.22           | -80.21               | -13.00      | -67.21      | V                          |
| 326.8200        | -83.59     | 2.17            | 5.71           | -80.05               | -13.00      | -67.05      | V                          |
| 396.6600        | -70.77     | 2.36            | 5.99           | -67.14               | -13.00      | -54.14      | V                          |
| 438.3700        | -72.76     | 2.52            | 5.89           | -69.39               | -13.00      | -56.39      | V                          |
| 470.3800        | -72.78     | 2.62            | 5.77           | -69.63               | -13.00      | -56.63      | V                          |
| 600.3600        | -79.06     | 2.9             | 6.4            | -75.56               | -13.00      | -62.56      | V                          |
| 125.0600        | -69.41     | 1.31            | -1.75          | -72.47               | -13.00      | -59.47      | H                          |
| 199.7500        | -76.32     | 1.63            | 2.94           | -75.01               | -13.00      | -62.01      | H                          |
| 297.7200        | -78.89     | 2.08            | 5.55           | -75.42               | -13.00      | -62.42      | H                          |
| 396.6600        | -70.6      | 2.36            | 5.99           | -66.97               | -13.00      | -53.97      | H                          |
| 445.1600        | -70.74     | 2.56            | 5.8            | -67.50               | -13.00      | -54.50      | H                          |
| 600.3600        | -71.62     | 2.9             | 6.4            | -68.12               | -13.00      | -55.12      | 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:** EDGE 1900 / TX / CH 661**Test Date:** March 30, 2015**Temperature:** 23°C**Tested by:** David Shu**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 85.2900         | -77.72     | 1.08            | 0.5            | -78.30               | -13.00      | -65.30      | V                          |
| 172.5900        | -80.67     | 1.58            | 2.8            | -79.45               | -13.00      | -66.45      | V                          |
| 199.7500        | -82.35     | 1.63            | 2.94           | -81.04               | -13.00      | -68.04      | V                          |
| 398.6000        | -70.26     | 2.38            | 5.98           | -66.66               | -13.00      | -53.66      | V                          |
| 437.4000        | -72.97     | 2.52            | 5.88           | -69.61               | -13.00      | -56.61      | V                          |
| 600.3600        | -78.46     | 2.9             | 6.4            | -74.96               | -13.00      | -61.96      | V                          |
| 126.0300        | -67.82     | 1.32            | -1.69          | -70.83               | -13.00      | -57.83      | H                          |
| 216.2400        | -77.84     | 1.74            | 5.36           | -74.22               | -13.00      | -61.22      | H                          |
| 300.6300        | -79.36     | 2.1             | 5.61           | -75.85               | -13.00      | -62.85      | H                          |
| 396.6600        | -71.29     | 2.36            | 5.99           | -67.66               | -13.00      | -54.66      | H                          |
| 448.0700        | -69.77     | 2.58            | 5.74           | -66.61               | -13.00      | -53.61      | H                          |
| 600.3600        | -72.32     | 2.9             | 6.4            | -68.82               | -13.00      | -55.82      | 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:** March 30, 2015**Temperature:** 23°C**Tested by:** David Shu**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 216.2400        | -81.79     | 1.74            | 5.36           | -78.17               | -13.00      | -65.17      | V                          |
| 399.5700        | -72.46     | 2.39            | 5.98           | -68.87               | -13.00      | -55.87      | V                          |
| 438.3700        | -72.31     | 2.52            | 5.89           | -68.94               | -13.00      | -55.94      | V                          |
| 474.2600        | -73.04     | 2.63            | 5.68           | -69.99               | -13.00      | -56.99      | V                          |
| 600.3600        | -78.18     | 2.9             | 6.4            | -74.68               | -13.00      | -61.68      | V                          |
| 884.5700        | -78.73     | 3.48            | 6.7            | -75.51               | -13.00      | -62.51      | V                          |
| 126.0300        | -68.56     | 1.32            | -1.69          | -71.57               | -13.00      | -58.57      | H                          |
| 216.2400        | -78.28     | 1.74            | 5.36           | -74.66               | -13.00      | -61.66      | H                          |
| 395.6900        | -71.82     | 2.36            | 5.99           | -68.19               | -13.00      | -55.19      | H                          |
| 446.1300        | -68.19     | 2.57            | 5.78           | -64.98               | -13.00      | -51.98      | H                          |
| 600.3600        | -71.22     | 2.9             | 6.4            | -67.72               | -13.00      | -54.72      | H                          |
| 736.1600        | -75.9      | 3.2             | 6.23           | -72.87               | -13.00      | -59.87      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 86.2600         | -75.66     | 1.08            | 0.62           | -76.12               | -13.00      | -63.12      | V                          |
| 171.6200        | -73.28     | 1.57            | 2.69           | -72.16               | -13.00      | -59.16      | V                          |
| 273.4700        | -84.66     | 1.99            | 5.17           | -81.48               | -13.00      | -68.48      | V                          |
| 396.6600        | -75.08     | 2.36            | 5.99           | -71.45               | -13.00      | -58.45      | V                          |
| 468.4400        | -71.84     | 2.62            | 5.8            | -68.66               | -13.00      | -55.66      | V                          |
| 600.3600        | -73.78     | 2.9             | 6.4            | -70.28               | -13.00      | -57.28      | V                          |
| 171.6200        | -67.36     | 1.57            | 2.69           | -66.24               | -13.00      | -53.24      | H                          |
| 277.3500        | -76.35     | 2               | 5.25           | -73.10               | -13.00      | -60.10      | H                          |
| 403.4500        | -68.89     | 2.41            | 5.96           | -65.34               | -13.00      | -52.34      | H                          |
| 496.5700        | -76.29     | 2.69            | 5.86           | -73.12               | -13.00      | -60.12      | H                          |
| 636.2500        | -75.74     | 3               | 6.16           | -72.58               | -13.00      | -59.58      | H                          |
| 737.1300        | -74.48     | 3.2             | 6.2            | -71.48               | -13.00      | -58.48      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 171.6200        | -72.15     | 1.57            | 2.69           | -71.03               | -13.00      | -58.03      | V                          |
| 216.2400        | -83.15     | 1.74            | 5.36           | -79.53               | -13.00      | -66.53      | V                          |
| 348.1600        | -83.23     | 2.22            | 5.8            | -79.65               | -13.00      | -66.65      | V                          |
| 459.7100        | -72.58     | 2.6             | 5.88           | -69.30               | -13.00      | -56.30      | V                          |
| 600.3600        | -73.58     | 2.9             | 6.4            | -70.08               | -13.00      | -57.08      | V                          |
| 729.3700        | -76.8      | 3.18            | 6.4            | -73.58               | -13.00      | -60.58      | V                          |
| 127.0000        | -67.21     | 1.32            | -1.63          | -70.16               | -13.00      | -57.16      | H                          |
| 171.6200        | -68.87     | 1.57            | 2.69           | -67.75               | -13.00      | -54.75      | H                          |
| 278.3200        | -76.56     | 2               | 5.27           | -73.29               | -13.00      | -60.29      | H                          |
| 405.3900        | -68.99     | 2.42            | 5.94           | -65.47               | -13.00      | -52.47      | H                          |
| 600.3600        | -72.05     | 2.9             | 6.4            | -68.55               | -13.00      | -55.55      | H                          |
| 755.5600        | -75.07     | 3.21            | 6.21           | -72.07               | -13.00      | -59.07      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 57.1600         | -64.7      | 0.86            | -2.8           | -68.36               | -13.00      | -55.36      | V                          |
| 172.5900        | -73.19     | 1.58            | 2.8            | -71.97               | -13.00      | -58.97      | V                          |
| 270.5600        | -83.8      | 1.98            | 5.11           | -80.67               | -13.00      | -67.67      | V                          |
| 399.5700        | -75.83     | 2.39            | 5.98           | -72.24               | -13.00      | -59.24      | V                          |
| 469.4100        | -72.65     | 2.62            | 5.79           | -69.48               | -13.00      | -56.48      | V                          |
| 606.1800        | -72.09     | 2.93            | 6.34           | -68.68               | -13.00      | -55.68      | V                          |
| 168.7100        | -69.79     | 1.55            | 2.37           | -68.97               | -13.00      | -55.97      | H                          |
| 216.2400        | -75.44     | 1.74            | 5.36           | -71.82               | -13.00      | -58.82      | H                          |
| 403.4500        | -67.75     | 2.41            | 5.96           | -64.20               | -13.00      | -51.20      | H                          |
| 472.3200        | -73.6      | 2.62            | 5.72           | -70.50               | -13.00      | -57.50      | H                          |
| 600.3600        | -72.66     | 2.9             | 6.4            | -69.16               | -13.00      | -56.16      | H                          |
| 746.8300        | -75.6      | 3.2             | 6.1            | -72.70               | -13.00      | -59.70      | 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:** WCDMA Band V / TX / CH 4132**Test Date:** March 6, 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 43.5800         | -56.24     | 0.75            | -9.59          | -66.58               | -13.00      | -53.58      | V                          |
| 174.5300        | -71.52     | 1.59            | 3              | -70.11               | -13.00      | -57.11      | V                          |
| 291.9000        | -82.13     | 2.04            | 5.44           | -78.73               | -13.00      | -65.73      | V                          |
| 402.4800        | -73.77     | 2.41            | 5.97           | -70.21               | -13.00      | -57.21      | V                          |
| 462.6200        | -72.57     | 2.61            | 5.85           | -69.33               | -13.00      | -56.33      | V                          |
| 600.3600        | -78.61     | 2.9             | 6.4            | -75.11               | -13.00      | -62.11      | V                          |
| 87.2300         | -67.64     | 1.09            | 0.73           | -68.00               | -13.00      | -55.00      | H                          |
| 172.5900        | -72.03     | 1.58            | 2.8            | -70.81               | -13.00      | -57.81      | H                          |
| 277.3500        | -78.87     | 2               | 5.25           | -75.62               | -13.00      | -62.62      | H                          |
| 402.4800        | -74.23     | 2.41            | 5.97           | -70.67               | -13.00      | -57.67      | H                          |
| 548.9500        | -76        | 2.8             | 6.19           | -72.61               | -13.00      | -59.61      | H                          |
| 736.1600        | -74.92     | 3.2             | 6.23           | -71.89               | -13.00      | -58.89      | 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:** March 6, 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 42.6100         | -59.78     | 0.74            | -10.34         | -70.86               | -13.00      | -57.86      | V                          |
| 173.5600        | -74.71     | 1.58            | 2.9            | -73.39               | -13.00      | -60.39      | V                          |
| 290.9300        | -84.69     | 2.03            | 5.43           | -81.29               | -13.00      | -68.29      | V                          |
| 400.5400        | -76.58     | 2.4             | 5.98           | -73.00               | -13.00      | -60.00      | V                          |
| 468.4400        | -76.04     | 2.62            | 5.8            | -72.86               | -13.00      | -59.86      | V                          |
| 600.3600        | -80.72     | 2.9             | 6.4            | -77.22               | -13.00      | -64.22      | V                          |
| 86.2600         | -67.97     | 1.08            | 0.62           | -68.43               | -13.00      | -55.43      | H                          |
| 171.6200        | -73.31     | 1.57            | 2.69           | -72.19               | -13.00      | -59.19      | H                          |
| 277.3500        | -79.05     | 2               | 5.25           | -75.80               | -13.00      | -62.80      | H                          |
| 404.4200        | -74.27     | 2.42            | 5.95           | -70.74               | -13.00      | -57.74      | H                          |
| 441.2800        | -74.9      | 2.54            | 5.87           | -71.57               | -13.00      | -58.57      | H                          |
| 611.0300        | -76.47     | 2.94            | 6.27           | -73.14               | -13.00      | -60.14      | 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:** WCDMA Band V / TX / CH 4233**Test Date:** March 6, 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 43.5800         | -61.32     | 0.75            | -9.59          | -71.66               | -13.00      | -58.66      | V                          |
| 173.5600        | -75.98     | 1.58            | 2.9            | -74.66               | -13.00      | -61.66      | V                          |
| 291.9000        | -84.59     | 2.04            | 5.44           | -81.19               | -13.00      | -68.19      | V                          |
| 403.4500        | -75.52     | 2.41            | 5.96           | -71.97               | -13.00      | -58.97      | V                          |
| 465.5300        | -75.99     | 2.61            | 5.83           | -72.77               | -13.00      | -59.77      | V                          |
| 600.3600        | -81.03     | 2.9             | 6.4            | -77.53               | -13.00      | -64.53      | V                          |
| 128.9400        | -68.77     | 1.34            | -1.5           | -71.61               | -13.00      | -58.61      | H                          |
| 170.6500        | -74.55     | 1.57            | 2.59           | -73.53               | -13.00      | -60.53      | H                          |
| 252.1300        | -81.09     | 1.85            | 5.68           | -77.26               | -13.00      | -64.26      | H                          |
| 437.4000        | -75.54     | 2.52            | 5.88           | -72.18               | -13.00      | -59.18      | H                          |
| 549.9200        | -78.3      | 2.81            | 6.18           | -74.93               | -13.00      | -61.93      | H                          |
| 729.3700        | -75.65     | 3.18            | 6.4            | -72.43               | -13.00      | -59.43      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% RH**Polarity:** Ver. / Hor.

| Frequency<br>(MHz) | S.G.<br>(dBm) | Cable loss<br>(dB) | Ant.Gain<br>(dBi) | Emission level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Antenna<br>Polarization<br>(V/H) |
|--------------------|---------------|--------------------|-------------------|-------------------------|----------------|----------------|----------------------------------|
| 86.2600            | -75.87        | 1.08               | 0.62              | -76.33                  | -13.00         | -63.33         | V                                |
| 172.5900           | -73.6         | 1.58               | 2.8               | -72.38                  | -13.00         | -59.38         | V                                |
| 326.8200           | -84.34        | 2.17               | 5.71              | -80.80                  | -13.00         | -67.80         | V                                |
| 395.6900           | -75.68        | 2.36               | 5.99              | -72.05                  | -13.00         | -59.05         | V                                |
| 459.7100           | -72.39        | 2.6                | 5.88              | -69.11                  | -13.00         | -56.11         | V                                |
| 600.3600           | -73.56        | 2.9                | 6.4               | -70.06                  | -13.00         | -57.06         | V                                |
| 57.1600            | -61.19        | 0.86               | -2.8              | -64.85                  | -13.00         | -51.85         | H                                |
| 172.5900           | -67.98        | 1.58               | 2.8               | -66.76                  | -13.00         | -53.76         | H                                |
| 323.9100           | -78.87        | 2.17               | 5.7               | -75.34                  | -13.00         | -62.34         | H                                |
| 401.5100           | -69.47        | 2.4                | 5.98              | -65.89                  | -13.00         | -52.89         | H                                |
| 540.2200           | -76.96        | 2.78               | 6.26              | -73.48                  | -13.00         | -60.48         | H                                |
| 600.3600           | -73.16        | 2.9                | 6.4               | -69.66                  | -13.00         | -56.66         | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 172.5900        | -72.38     | 1.58            | 2.8            | -71.16               | -13.00      | -58.16      | V                          |
| 277.3500        | -83.32     | 2               | 5.25           | -80.07               | -13.00      | -67.07      | V                          |
| 400.5400        | -74.14     | 2.4             | 5.98           | -70.56               | -13.00      | -57.56      | V                          |
| 460.6800        | -71.89     | 2.6             | 5.87           | -68.62               | -13.00      | -55.62      | V                          |
| 600.3600        | -72.59     | 2.9             | 6.4            | -69.09               | -13.00      | -56.09      | V                          |
| 701.2400        | -78.57     | 3.12            | 6.38           | -75.31               | -13.00      | -62.31      | V                          |
| 127.0000        | -66.82     | 1.32            | -1.63          | -69.77               | -13.00      | -56.77      | H                          |
| 171.6200        | -67.78     | 1.57            | 2.69           | -66.66               | -13.00      | -53.66      | H                          |
| 286.0800        | -77.19     | 2.01            | 5.36           | -73.84               | -13.00      | -60.84      | H                          |
| 403.4500        | -68.4      | 2.41            | 5.96           | -64.85               | -13.00      | -51.85      | H                          |
| 495.6000        | -76.12     | 2.69            | 5.85           | -72.96               | -13.00      | -59.96      | H                          |
| 600.3600        | -72.56     | 2.9             | 6.4            | -69.06               | -13.00      | -56.06      | 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:** March 31, 2015

**Temperature:** 23°C

**Tested by:** Dennis Li

**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 172.5900        | -72.11     | 1.58            | 2.8            | -70.89               | -13.00      | -57.89      | V                          |
| 261.8300        | -84.05     | 1.92            | 5.51           | -80.46               | -13.00      | -67.46      | V                          |
| 396.6600        | -75.25     | 2.36            | 5.99           | -71.62               | -13.00      | -58.62      | V                          |
| 472.3200        | -72.75     | 2.62            | 5.72           | -69.65               | -13.00      | -56.65      | V                          |
| 600.3600        | -74.1      | 2.9             | 6.4            | -70.60               | -13.00      | -57.60      | V                          |
| 678.9300        | -80.02     | 3.09            | 6.48           | -76.63               | -13.00      | -63.63      | V                          |
| 57.1600         | -61.2      | 0.86            | -2.8           | -64.86               | -13.00      | -51.86      | H                          |
| 172.5900        | -68.71     | 1.58            | 2.8            | -67.49               | -13.00      | -54.49      | H                          |
| 216.2400        | -75.09     | 1.74            | 5.36           | -71.47               | -13.00      | -58.47      | H                          |
| 404.4200        | -69.32     | 2.42            | 5.95           | -65.79               | -13.00      | -52.79      | H                          |
| 467.4700        | -72.78     | 2.61            | 5.81           | -69.58               | -13.00      | -56.58      | H                          |
| 600.3600        | -72.71     | 2.9             | 6.4            | -69.21               | -13.00      | -56.21      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 163.8600        | -72.07     | 1.51            | 1.83           | -71.75               | -13.00      | -58.75      | V                          |
| 275.4100        | -81.74     | 1.99            | 5.21           | -78.52               | -13.00      | -65.52      | V                          |
| 407.3300        | -73.39     | 2.43            | 5.93           | -69.89               | -13.00      | -56.89      | V                          |
| 443.2200        | -72.36     | 2.55            | 5.83           | -69.08               | -13.00      | -56.08      | V                          |
| 600.3600        | -74.91     | 2.9             | 6.4            | -71.41               | -13.00      | -58.41      | V                          |
| 736.1600        | -78.55     | 3.2             | 6.23           | -75.52               | -13.00      | -62.52      | V                          |
| 161.9200        | -68.21     | 1.5             | 1.61           | -68.10               | -13.00      | -55.10      | H                          |
| 216.2400        | -75.7      | 1.74            | 5.36           | -72.08               | -13.00      | -59.08      | H                          |
| 398.6000        | -73.43     | 2.38            | 5.98           | -69.83               | -13.00      | -56.83      | H                          |
| 475.2300        | -68.9      | 2.63            | 5.65           | -65.88               | -13.00      | -52.88      | H                          |
| 600.3600        | -71.8      | 2.9             | 6.4            | -68.30               | -13.00      | -55.30      | H                          |
| 755.5600        | -74.54     | 3.21            | 6.21           | -71.54               | -13.00      | -58.54      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 57.1600         | -66.25     | 0.86            | -2.8           | -69.91               | -13.00      | -56.91      | V                          |
| 164.8300        | -71.89     | 1.52            | 1.94           | -71.47               | -13.00      | -58.47      | V                          |
| 290.9300        | -81.2      | 2.03            | 5.43           | -77.80               | -13.00      | -64.80      | V                          |
| 396.6600        | -77.72     | 2.36            | 5.99           | -74.09               | -13.00      | -61.09      | V                          |
| 445.1600        | -71.6      | 2.56            | 5.8            | -68.36               | -13.00      | -55.36      | V                          |
| 600.3600        | -75.04     | 2.9             | 6.4            | -71.54               | -13.00      | -58.54      | V                          |
| 164.8300        | -67.52     | 1.52            | 1.94           | -67.10               | -13.00      | -54.10      | H                          |
| 287.0500        | -78.19     | 2.01            | 5.37           | -74.83               | -13.00      | -61.83      | H                          |
| 472.3200        | -69.65     | 2.62            | 5.72           | -66.55               | -13.00      | -53.55      | H                          |
| 550.8900        | -76.56     | 2.81            | 6.17           | -73.20               | -13.00      | -60.20      | H                          |
| 600.3600        | -71.38     | 2.9             | 6.4            | -67.88               | -13.00      | -54.88      | H                          |
| 731.3100        | -75.37     | 3.18            | 6.37           | -72.18               | -13.00      | -59.18      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 57.1600         | -65.59     | 0.86            | -2.8           | -69.25               | -13.00      | -56.25      | V                          |
| 166.7700        | -70.8      | 1.54            | 2.15           | -70.19               | -13.00      | -57.19      | V                          |
| 276.3800        | -80.4      | 1.99            | 5.23           | -77.16               | -13.00      | -64.16      | V                          |
| 399.5700        | -72.46     | 2.39            | 5.98           | -68.87               | -13.00      | -55.87      | V                          |
| 471.3500        | -71.68     | 2.62            | 5.74           | -68.56               | -13.00      | -55.56      | V                          |
| 600.3600        | -73.35     | 2.9             | 6.4            | -69.85               | -13.00      | -56.85      | V                          |
| 163.8600        | -67.85     | 1.51            | 1.83           | -67.53               | -13.00      | -54.53      | H                          |
| 292.8700        | -78.25     | 2.04            | 5.46           | -74.83               | -13.00      | -61.83      | H                          |
| 396.6600        | -74.24     | 2.36            | 5.99           | -70.61               | -13.00      | -57.61      | H                          |
| 469.4100        | -68.57     | 2.62            | 5.79           | -65.40               | -13.00      | -52.40      | H                          |
| 600.3600        | -71.62     | 2.9             | 6.4            | -68.12               | -13.00      | -55.12      | H                          |
| 689.6000        | -76.18     | 3.13            | 6.5            | -72.81               | -13.00      | -59.81      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 57.1600         | -65.3      | 0.86            | -2.8           | -68.96               | -13.00      | -55.96      | V                          |
| 171.6200        | -72.96     | 1.57            | 2.69           | -71.84               | -13.00      | -58.84      | V                          |
| 275.4100        | -84.25     | 1.99            | 5.21           | -81.03               | -13.00      | -68.03      | V                          |
| 398.6000        | -73.93     | 2.38            | 5.98           | -70.33               | -13.00      | -57.33      | V                          |
| 472.3200        | -72.24     | 2.62            | 5.72           | -69.14               | -13.00      | -56.14      | V                          |
| 600.3600        | -74.13     | 2.9             | 6.4            | -70.63               | -13.00      | -57.63      | V                          |
| 171.6200        | -67.8      | 1.57            | 2.69           | -66.68               | -13.00      | -53.68      | H                          |
| 276.3800        | -76.66     | 1.99            | 5.23           | -73.42               | -13.00      | -60.42      | H                          |
| 402.4800        | -68.49     | 2.41            | 5.97           | -64.93               | -13.00      | -51.93      | H                          |
| 478.1400        | -74.42     | 2.63            | 5.59           | -71.46               | -13.00      | -58.46      | H                          |
| 600.3600        | -73.35     | 2.9             | 6.4            | -69.85               | -13.00      | -56.85      | H                          |
| 738.1000        | -70.51     | 3.2             | 6.17           | -67.54               | -13.00      | -54.54      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% RH**Polarity:** Ver. / Hor.

| Frequency<br>(MHz) | S.G.<br>(dBm) | Cable loss<br>(dB) | Ant.Gain<br>(dBi) | Emission level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Antenna<br>Polarization<br>(V/H) |
|--------------------|---------------|--------------------|-------------------|-------------------------|----------------|----------------|----------------------------------|
| 171.6200           | -72.95        | 1.57               | 2.69              | -71.83                  | -13.00         | -58.83         | V                                |
| 280.2600           | -82.9         | 2                  | 5.31              | -79.59                  | -13.00         | -66.59         | V                                |
| 395.6900           | -75.18        | 2.36               | 5.99              | -71.55                  | -13.00         | -58.55         | V                                |
| 472.3200           | -72.17        | 2.62               | 5.72              | -69.07                  | -13.00         | -56.07         | V                                |
| 600.3600           | -73.67        | 2.9                | 6.4               | -70.17                  | -13.00         | -57.17         | V                                |
| 757.5000           | -77.96        | 3.22               | 6.25              | -74.93                  | -13.00         | -61.93         | V                                |
| 127.0000           | -66.04        | 1.32               | -1.63             | -68.99                  | -13.00         | -55.99         | H                                |
| 172.5900           | -68.71        | 1.58               | 2.8               | -67.49                  | -13.00         | -54.49         | H                                |
| 347.1900           | -77.75        | 2.21               | 5.8               | -74.16                  | -13.00         | -61.16         | H                                |
| 416.0600           | -71.48        | 2.46               | 5.85              | -68.09                  | -13.00         | -55.09         | H                                |
| 600.3600           | -72.64        | 2.9                | 6.4               | -69.14                  | -13.00         | -56.14         | H                                |
| 699.3000           | -75.67        | 3.11               | 6.4               | -72.38                  | -13.00         | -59.38         | 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:** March 31, 2015

**Temperature:** 23°C

**Tested by:** Dennis Li

**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 170.6500        | -72.87     | 1.57            | 2.59           | -71.85               | -13.00      | -58.85      | V                          |
| 274.4400        | -82.93     | 1.99            | 5.19           | -79.73               | -13.00      | -66.73      | V                          |
| 402.4800        | -75.56     | 2.41            | 5.97           | -72.00               | -13.00      | -59.00      | V                          |
| 470.3800        | -71.19     | 2.62            | 5.77           | -68.04               | -13.00      | -55.04      | V                          |
| 600.3600        | -74.18     | 2.9             | 6.4            | -70.68               | -13.00      | -57.68      | V                          |
| 710.9400        | -79.18     | 3.14            | 6.33           | -75.99               | -13.00      | -62.99      | V                          |
| 127.9700        | -66.71     | 1.33            | -1.56          | -69.60               | -13.00      | -56.60      | H                          |
| 170.6500        | -68.33     | 1.57            | 2.59           | -67.31               | -13.00      | -54.31      | H                          |
| 276.3800        | -76.75     | 1.99            | 5.23           | -73.51               | -13.00      | -60.51      | H                          |
| 401.5100        | -68.55     | 2.4             | 5.98           | -64.97               | -13.00      | -51.97      | H                          |
| 540.2200        | -75.47     | 2.78            | 6.26           | -71.99               | -13.00      | -58.99      | H                          |
| 600.3600        | -73.05     | 2.9             | 6.4            | -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 / HSUPA Band V /  
TX / CH 4132**Test Date:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 162.8900        | -71.94     | 1.51            | 1.72           | -71.73               | -13.00      | -58.73      | V                          |
| 279.2900        | -81.73     | 2               | 5.29           | -78.44               | -13.00      | -65.44      | V                          |
| 413.1500        | -73.98     | 2.45            | 5.88           | -70.55               | -13.00      | -57.55      | V                          |
| 468.4400        | -71.83     | 2.62            | 5.8            | -68.65               | -13.00      | -55.65      | V                          |
| 600.3600        | -75.32     | 2.9             | 6.4            | -71.82               | -13.00      | -58.82      | V                          |
| 745.8600        | -78.94     | 3.2             | 6.1            | -76.04               | -13.00      | -63.04      | V                          |
| 163.8600        | -67.82     | 1.51            | 1.83           | -67.50               | -13.00      | -54.50      | H                          |
| 216.2400        | -74.54     | 1.74            | 5.36           | -70.92               | -13.00      | -57.92      | H                          |
| 404.4200        | -73.15     | 2.42            | 5.95           | -69.62               | -13.00      | -56.62      | H                          |
| 476.2000        | -68.99     | 2.63            | 5.63           | -65.99               | -13.00      | -52.99      | H                          |
| 600.3600        | -71.93     | 2.9             | 6.4            | -68.43               | -13.00      | -55.43      | H                          |
| 656.6200        | -75.7      | 3.05            | 6.3            | -72.45               | -13.00      | -59.45      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 57.1600         | -67.25     | 0.86            | -2.8           | -70.91               | -13.00      | -57.91      | V                          |
| 162.8900        | -71.51     | 1.51            | 1.72           | -71.30               | -13.00      | -58.30      | V                          |
| 287.0500        | -81.27     | 2.01            | 5.37           | -77.91               | -13.00      | -64.91      | V                          |
| 404.4200        | -73.58     | 2.42            | 5.95           | -70.05               | -13.00      | -57.05      | V                          |
| 441.2800        | -71.85     | 2.54            | 5.87           | -68.52               | -13.00      | -55.52      | V                          |
| 600.3600        | -74.89     | 2.9             | 6.4            | -71.39               | -13.00      | -58.39      | V                          |
| 163.8600        | -67.42     | 1.51            | 1.83           | -67.10               | -13.00      | -54.10      | H                          |
| 216.2400        | -76.68     | 1.74            | 5.36           | -73.06               | -13.00      | -60.06      | H                          |
| 286.0800        | -77.77     | 2.01            | 5.36           | -74.42               | -13.00      | -61.42      | H                          |
| 400.5400        | -71.13     | 2.4             | 5.98           | -67.55               | -13.00      | -54.55      | H                          |
| 459.7100        | -71.59     | 2.6             | 5.88           | -68.31               | -13.00      | -55.31      | H                          |
| 600.3600        | -72.01     | 2.9             | 6.4            | -68.51               | -13.00      | -55.51      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 84.3200         | -74.1      | 1.07            | 0.39           | -74.78               | -13.00      | -61.78      | V                          |
| 164.8300        | -72.16     | 1.52            | 1.94           | -71.74               | -13.00      | -58.74      | V                          |
| 286.0800        | -80.65     | 2.01            | 5.36           | -77.30               | -13.00      | -64.30      | V                          |
| 400.5400        | -72.21     | 2.4             | 5.98           | -68.63               | -13.00      | -55.63      | V                          |
| 473.2900        | -74.03     | 2.62            | 5.7            | -70.95               | -13.00      | -57.95      | V                          |
| 600.3600        | -74.54     | 2.9             | 6.4            | -71.04               | -13.00      | -58.04      | V                          |
| 160.9500        | -70.27     | 1.49            | 1.5            | -70.26               | -13.00      | -57.26      | H                          |
| 216.2400        | -76.55     | 1.74            | 5.36           | -72.93               | -13.00      | -59.93      | H                          |
| 398.6000        | -73.6      | 2.38            | 5.98           | -70.00               | -13.00      | -57.00      | H                          |
| 475.2300        | -69.94     | 2.63            | 5.65           | -66.92               | -13.00      | -53.92      | H                          |
| 600.3600        | -72.12     | 2.9             | 6.4            | -68.62               | -13.00      | -55.62      | H                          |
| 746.8300        | -74.51     | 3.2             | 6.1            | -71.61               | -13.00      | -58.61      | 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:** GPRS 850 / TX / CH 128**Test Date:** March 5, 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        | -53.07     | 6.3             | 6.06           | -53.31               | -13.00      | -40.31      | V                          |
| 4101.000        | -53.82     | 8.46            | 9.48           | -52.80               | -13.00      | -39.80      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1651.000        | -46.73     | 5.05            | 6.03           | -45.75               | -13.00      | -32.75      | H                          |
| 2470.000        | -42.93     | 6.3             | 6.06           | -43.17               | -13.00      | -30.17      | 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:** March 5, 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 1966.000        | -45.77     | 5.63            | 5.46           | -45.94               | -13.00      | -32.94      | V                          |
| 2512.000        | -47.17     | 6.37            | 6.13           | -47.41               | -13.00      | -34.41      | V                          |
| 4787.000        | -50.08     | 9.3             | 10.26          | -49.12               | -13.00      | -36.12      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1672.000        | -50.33     | 5.07            | 5.99           | -49.41               | -13.00      | -36.41      | H                          |
| 2512.000        | -39.57     | 6.37            | 6.13           | -39.81               | -13.00      | -26.81      | 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 251**Test Date:** March 5, 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 1966.000        | -55.87     | 5.63            | 5.46           | -56.04               | -13.00      | -43.04      | V                          |
| 2547.000        | -46.59     | 6.42            | 6.22           | -46.79               | -13.00      | -33.79      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 2547.000        | -35.62     | 6.42            | 6.22           | -35.82               | -13.00      | -22.82      | H                          |
| 4087.000        | -52.77     | 8.45            | 9.47           | -51.75               | -13.00      | -38.75      | 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:** March 30, 2015**Temperature:** 23°C**Tested by:** David Shu**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 3702.000        | -45.19     | 8.2             | 9.1            | -44.29               | -13.00      | -31.29      | V                          |
| 5550.000        | -40.27     | 10.06           | 10.81          | -39.52               | -13.00      | -26.52      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3702.000        | -45.51     | 8.2             | 9.1            | -44.61               | -13.00      | -31.61      | H                          |
| 5550.000        | -39.02     | 10.06           | 10.81          | -38.27               | -13.00      | -25.27      | 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:** March 30, 2015**Temperature:** 23°C**Tested by:** David Shu**Humidity:** 63% 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        | -43.86     | 8.23            | 9.16           | -42.93               | -13.00      | -29.93      | V                          |
| 5641.000        | -38.15     | 10.18           | 10.83          | -37.50               | -13.00      | -24.50      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3821.000        | -44.22     | 8.29            | 9.22           | -43.29               | -13.00      | -30.29      | H                          |
| 5732.000        | -34.49     | 10.24           | 10.85          | -33.88               | -13.00      | -20.88      | 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:** March 30, 2015**Temperature:** 23°C**Tested by:** David Shu**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 3821.000        | -43.52     | 8.29            | 9.22           | -42.59               | -13.00      | -29.59      | V                          |
| 5732.000        | -36.62     | 10.24           | 10.85          | -36.01               | -13.00      | -23.01      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3821.000        | -44.75     | 8.29            | 9.22           | -43.82               | -13.00      | -30.82      | H                          |
| 5732.000        | -36.66     | 10.24           | 10.85          | -36.05               | -13.00      | -23.05      | 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 850 / TX / CH 128**Test Date:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -49.6      | 5.05            | 6.03           | -48.62               | -13.00      | -35.62      | V                          |
| 2470.000        | -34.1      | 6.3             | 6.06           | -34.34               | -13.00      | -21.34      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1651.000        | -40.34     | 5.05            | 6.03           | -39.36               | -13.00      | -26.36      | H                          |
| 2470.000        | -35.49     | 6.3             | 6.06           | -35.73               | -13.00      | -22.73      | 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:** EDGE 850 / TX / CH 190**Test Date:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -51.28     | 5.07            | 5.99           | -50.36               | -13.00      | -37.36      | V                          |
| 2512.000        | -36.49     | 6.37            | 6.13           | -36.73               | -13.00      | -23.73      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1672.000        | -43.15     | 5.07            | 5.99           | -42.23               | -13.00      | -29.23      | H                          |
| 2512.000        | -39.43     | 6.37            | 6.13           | -39.67               | -13.00      | -26.67      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 2547.000        | -33.76     | 6.42            | 6.22           | -33.96               | -13.00      | -20.96      | V                          |
| 3394.000        | -50.51     | 7.56            | 8.58           | -49.49               | -13.00      | -36.49      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1700.000        | -43.06     | 5.11            | 5.94           | -42.23               | -13.00      | -29.23      | H                          |
| 2547.000        | -33.58     | 6.42            | 6.22           | -33.78               | -13.00      | -20.78      | 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:** March 30, 2015**Temperature:** 23°C**Tested by:** David Shu**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 3702.000        | -46.17     | 8.2             | 9.1            | -45.27               | -13.00      | -32.27      | V                          |
| 5550.000        | -40.27     | 10.06           | 10.81          | -39.52               | -13.00      | -26.52      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3702.000        | -45.7      | 8.2             | 9.1            | -44.80               | -13.00      | -31.80      | H                          |
| 5550.000        | -38.42     | 10.06           | 10.81          | -37.67               | -13.00      | -24.67      | 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:** March 30, 2015**Temperature:** 23°C**Tested by:** David Shu**Humidity:** 63% 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        | -43.95     | 8.23            | 9.16           | -43.02               | -13.00      | -30.02      | V                          |
| 5641.000        | -38.64     | 10.18           | 10.83          | -37.99               | -13.00      | -24.99      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3758.000        | -46.87     | 8.23            | 9.16           | -45.94               | -13.00      | -32.94      | H                          |
| 5641.000        | -35.33     | 10.18           | 10.83          | -34.68               | -13.00      | -21.68      | 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:** March 30, 2015**Temperature:** 23°C**Tested by:** David Shu**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 3821.000        | -44.21     | 8.29            | 9.22           | -43.28               | -13.00      | -30.28      | V                          |
| 5732.000        | -36.15     | 10.24           | 10.85          | -35.54               | -13.00      | -22.54      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3821.000        | -45.04     | 8.29            | 9.22           | -44.11               | -13.00      | -31.11      | H                          |
| 5732.000        | -35.82     | 10.24           | 10.85          | -35.21               | -13.00      | -22.21      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -38.95     | 8.21            | 9.11           | -38.05               | -13.00      | -25.05      | V                          |
| 5557.000        | -43.11     | 10.08           | 10.81          | -42.38               | -13.00      | -29.38      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3702.000        | -41.73     | 8.2             | 9.1            | -40.83               | -13.00      | -27.83      | H                          |
| 5557.000        | -37.56     | 10.08           | 10.81          | -36.83               | -13.00      | -23.83      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -37.74     | 8.24            | 9.16           | -36.82               | -13.00      | -23.82      | V                          |
| 5641.000        | -42.43     | 10.18           | 10.83          | -41.78               | -13.00      | -28.78      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3758.000        | -40.19     | 8.23            | 9.16           | -39.26               | -13.00      | -26.26      | H                          |
| 5634.000        | -39.87     | 10.18           | 10.83          | -39.22               | -13.00      | -26.22      | 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 9538**Test Date:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -35.99     | 8.28            | 9.21           | -35.06               | -13.00      | -22.06      | V                          |
| 5725.000        | -39.46     | 10.22           | 10.84          | -38.84               | -13.00      | -25.84      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3814.000        | -36.86     | 8.28            | 9.21           | -35.93               | -13.00      | -22.93      | H                          |
| 5725.000        | -36.73     | 10.22           | 10.84          | -36.11               | -13.00      | -23.11      | 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:** March 6, 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        | -54.06     | 5.05            | 6.03           | -53.08               | -13.00      | -40.08      | V                          |
| 2477.000        | -41.02     | 6.31            | 6.07           | -41.26               | -13.00      | -28.26      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1658.000        | -50.36     | 5.06            | 6.02           | -49.40               | -13.00      | -36.40      | H                          |
| 2484.000        | -42.6      | 6.32            | 6.08           | -42.84               | -13.00      | -29.84      | 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:** March 6, 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        | -51.6      | 5.07            | 5.99           | -50.68               | -13.00      | -37.68      | V                          |
| 2512.000        | -42.8      | 6.37            | 6.13           | -43.04               | -13.00      | -30.04      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1672.000        | -50.46     | 5.07            | 5.99           | -49.54               | -13.00      | -36.54      | H                          |
| 2512.000        | -46.53     | 6.37            | 6.13           | -46.77               | -13.00      | -33.77      | 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:** March 6, 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 1693.000        | -50.01     | 5.1             | 5.95           | -49.16               | -13.00      | -36.16      | V                          |
| 2540.000        | -42.86     | 6.41            | 6.2            | -43.07               | -13.00      | -30.07      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1693.000        | -48.82     | 5.1             | 5.95           | -47.97               | -13.00      | -34.97      | H                          |
| 2540.000        | -44.17     | 6.41            | 6.2            | -44.38               | -13.00      | -31.38      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -39.69     | 8.21            | 9.11           | -38.79               | -13.00      | -25.79      | V                          |
| 5557.000        | -43.21     | 10.08           | 10.81          | -42.48               | -13.00      | -29.48      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3702.000        | -41.46     | 8.2             | 9.1            | -40.56               | -13.00      | -27.56      | H                          |
| 5557.000        | -38.59     | 10.08           | 10.81          | -37.86               | -13.00      | -24.86      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -37.97     | 8.23            | 9.16           | -37.04               | -13.00      | -24.04      | V                          |
| 5641.000        | -41.02     | 10.18           | 10.83          | -40.37               | -13.00      | -27.37      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3758.000        | -40.99     | 8.23            | 9.16           | -40.06               | -13.00      | -27.06      | H                          |
| 5634.000        | -38.5      | 10.18           | 10.83          | -37.85               | -13.00      | -24.85      | 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:** WCDMA / HSDPA Band II / TX / CH 9538**Test Date:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -36.24     | 8.28            | 9.21           | -35.31               | -13.00      | -22.31      | V                          |
| 5725.000        | -40.59     | 10.22           | 10.84          | -39.97               | -13.00      | -26.97      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3814.000        | -36.67     | 8.28            | 9.21           | -35.74               | -13.00      | -22.74      | H                          |
| 5725.000        | -35.33     | 10.22           | 10.84          | -34.71               | -13.00      | -21.71      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 2484.000        | -43.04     | 6.32            | 6.08           | -43.28               | -13.00      | -30.28      | V                          |
| 3303.000        | -42.19     | 7.46            | 8.31           | -41.34               | -13.00      | -28.34      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1651.000        | -45.12     | 5.05            | 6.03           | -44.14               | -13.00      | -31.14      | H                          |
| 2484.000        | -35.12     | 6.32            | 6.08           | -35.36               | -13.00      | -22.36      | 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 / HSDPA Band V / TX / CH 4182**Test Date:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -36.53     | 6.37            | 6.13           | -36.77               | -13.00      | -23.77      | V                          |
| 3338.000        | -41.12     | 7.5             | 8.41           | -40.21               | -13.00      | -27.21      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1672.000        | -40.97     | 5.07            | 5.99           | -40.05               | -13.00      | -27.05      | H                          |
| 2512.000        | -35.96     | 6.37            | 6.13           | -36.20               | -13.00      | -23.20      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -45.78     | 5.1             | 5.95           | -44.93               | -13.00      | -31.93      | V                          |
| 2540.000        | -37.45     | 6.41            | 6.2            | -37.66               | -13.00      | -24.66      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1693.000        | -41.17     | 5.1             | 5.95           | -40.32               | -13.00      | -27.32      | H                          |
| 2540.000        | -37.04     | 6.41            | 6.2            | -37.25               | -13.00      | -24.25      | 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 / HSUPA Band II /  
TX / CH 9262**Test Date:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 3702.000        | -39.07     | 8.2             | 9.1            | -38.17               | -13.00      | -25.17      | V                          |
| 5557.000        | -42.59     | 10.08           | 10.81          | -41.86               | -13.00      | -28.86      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3702.000        | -41.31     | 8.2             | 9.1            | -40.41               | -13.00      | -27.41      | H                          |
| 5564.000        | -37.38     | 10.1            | 10.81          | -36.67               | -13.00      | -23.67      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -38.19     | 8.24            | 9.16           | -37.27               | -13.00      | -24.27      | V                          |
| 5641.000        | -40.7      | 10.18           | 10.83          | -40.05               | -13.00      | -27.05      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3758.000        | -41.18     | 8.23            | 9.16           | -40.25               | -13.00      | -27.25      | H                          |
| 5641.000        | -38.8      | 10.18           | 10.83          | -38.15               | -13.00      | -25.15      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -36.56     | 8.28            | 9.21           | -35.63               | -13.00      | -22.63      | V                          |
| 5725.000        | -39.9      | 10.22           | 10.84          | -39.28               | -13.00      | -26.28      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 3814.000        | -37.52     | 8.28            | 9.21           | -36.59               | -13.00      | -23.59      | H                          |
| 5725.000        | -35.44     | 10.22           | 10.84          | -34.82               | -13.00      | -21.82      | 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:** WCDMA / HSUPA Band V /  
TX / CH 4132**Test Date:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 2477.000        | -43.02     | 6.31            | 6.07           | -43.26               | -13.00      | -30.26      | V                          |
| 3303.000        | -42.42     | 7.46            | 8.31           | -41.57               | -13.00      | -28.57      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1651.000        | -45.44     | 5.05            | 6.03           | -44.46               | -13.00      | -31.46      | H                          |
| 2484.000        | -36.68     | 6.32            | 6.08           | -36.92               | -13.00      | -23.92      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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        | -37.57     | 6.37            | 6.13           | -37.81               | -13.00      | -24.81      | V                          |
| 3352.000        | -41.35     | 7.52            | 8.46           | -40.41               | -13.00      | -27.41      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1672.000        | -43.05     | 5.07            | 5.99           | -42.13               | -13.00      | -29.13      | H                          |
| 2512.000        | -36.48     | 6.37            | 6.13           | -36.72               | -13.00      | -23.72      | 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:** March 31, 2015**Temperature:** 23°C**Tested by:** Dennis Li**Humidity:** 63% 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) |
|-----------------|------------|-----------------|----------------|----------------------|-------------|-------------|----------------------------|
| 2540.000        | -38.21     | 6.41            | 6.2            | -38.42               | -13.00      | -25.42      | V                          |
| 3387.000        | -39.67     | 7.56            | 8.56           | -38.67               | -13.00      | -25.67      | V                          |
| N/A             |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
|                 |            |                 |                |                      |             |             |                            |
| 1693.000        | -41.55     | 5.1             | 5.95           | -40.70               | -13.00      | -27.70      | H                          |
| 2540.000        | -38.96     | 6.41            | 6.2            | -39.17               | -13.00      | -26.17      | 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.