



FCC RF Test Report

APPLICANT : PAX Technology Limited
EQUIPMENT : Smart Tablet
BRAND NAME : PAX
MODEL NAME : Aries8
FCC ID : V5PAR8
STANDARD : 47 CFR Part 2, 22(H), 24(E), 27(L)
CLASSIFICATION : PCS Licensed Transmitter (PCB)

The product was installed a WWAN module during the test (Brand Name: MeiG Smart Technology Co., Ltd, Model Name: SLM757A, FCC ID: 2APJ4-SLM757A).

The product was received on Dec. 06, 2018 and completely tested on Dec. 31, 2018. We, Sporton International (Shenzhen) Inc., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (Shenzhen) Inc., the test report shall not be reproduced except in full.

Eric Shih



Approved by: Eric Shih / Manager

Sporton International (Shenzhen) Inc.

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REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION | ISSUED DATE |
|------------|---------|-------------------------|---------------|
| FG8D0615A | Rev. 01 | Initial issue of report | Apr. 09, 2019 |
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SUMMARY OF TEST RESULT

| Report Section | FCC Rule | Description | Limit | Result | Remark |
|---|--|---|------------------------|--------|--------------------------------------|
| 3.4 | §2.1046 | Conducted Output Power | Reporting Only | PASS | - |
| | §22.913(a)(5) | Effective Radiated Power | < 7 Watts | PASS | - |
| | §24.232(c) | Equivalent Isotropic Radiated Power | < 2 Watts | PASS | - |
| | §27.50(d)(4) | Equivalent Isotropic Radiated Power | < 1 Watts | PASS | - |
| - | §24.232(d) | Peak-to-Average Ratio | < 13 dB | PASS | 1 |
| - | §2.1049 | Occupied Bandwidth | Reporting Only | PASS | 1 |
| - | §2.1051 §22.917(a) §24.238(a) §27.53(h) | Band Edge Measurement | < 43+10log10(P[Watts]) | PASS | 1 |
| - | §2.1051 §22.917(a) §24.238(a) §27.53(h) | Conducted Emission | < 43+10log10(P[Watts]) | PASS | 1 |
| - | §2.1055 §22.355 | Frequency Stability for Temperature & Voltage | < 2.5 ppm for Part 22H | PASS | 1 |
| | §2.1055 §24.235 §27.54 | | Within Authorized Band | | |
| 4.4 | §2.1053 §22.917(a) §24.238(a) §27.53(h) | Field Strength of Spurious Radiation | < 43+10log10(P[Watts]) | PASS | Under limit 20.04 dB at 5722.800 MHz |
| Remark 1: Test items are performed on module RF report which can be referred to Sporton report number FG891203A. | | | | | |

1 General Description

1.1 Applicant

PAX Technology Limited

Room 2416, 24/F., Sun Hung Kai Centre, 30 Harbour Road, Wanchai, Hong Kong

1.2 Manufacturer

PAX Computer Technology (Shenzhen) Co., Ltd.

4/F, No.3 Building, Software Park, Second Central Science-Tech Road, High-Tech industrial Park, Shenzhen, Guangdong, P.R.C

1.3 Product Feature of Equipment Under Test

| Product Feature | |
|---------------------------------|---|
| Equipment | Smart Tablet |
| Brand Name | PAX |
| Model Name | Aries8 |
| FCC ID | V5PAR8 |
| EUT supports Radios application | WCDMA/HSPA/DC-HSDPA/HSPA+(16QAM uplink is not supported)/LTE WLAN 2.4GHz 802.11b/g/n HT20/HT40 WLAN 5GHz 802.11a/n HT20/HT40 Bluetooth BR / EDR / LE NFC/GNSS |
| IMEI Code | Radiation: 868621028940975/868621028940983 |
| HW Version | N/A |
| SW Version | N/A |
| EUT Stage | Production Unit |

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

| Standards-related Product Specification | |
|---|--|
| Tx Frequency | WCDMA: Band V: 826.4 MHz ~ 846.6 MHz Band II: 1852.4 MHz ~ 1907.6 MHz Band IV: 1712.4 MHz ~ 1752.6 MHz |
| Rx Frequency | WCDMA: Band V: 871.4 MHz ~ 891.6 MHz Band II: 1932.4 MHz ~ 1987.6 MHz Band IV: 2112.4 MHz ~ 2152.6 MHz |
| Maximum Output Power to Antenna | WCDMA: Band V: 22.65 dBm Band II: 22.38 dBm Band IV: 22.10 dBm |
| Antenna Type | FPC Antenna |
| Antenna Gain | Cellular Band: 1.50 dBi PCS Band: 2.00 dBi AWS Band: 2.00 dBi |
| Type of Modulation | WCDMA : BPSK (Uplink) HSDPA/DC-HSDPA : QPSK (Uplink) HSUPA : QPSK (Uplink) HSPA+ : 16QAM(16QAM uplink is not supported) DC-HSDPA : 64QAM |

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Maximum ERP/EIRP Power

| FCC Rule | System | Type of Modulation | Maximum ERP/EIRP (W) |
|----------|----------------------------|--------------------|----------------------|
| Part 22H | WCDMA Band V RMC 12.2Kbps | BPSK | 0.1585 |
| Part 24E | WCDMA Band II RMC 12.2Kbps | BPSK | 0.2742 |
| Part 27L | WCDMA Band IV RMC 12.2Kbps | BPSK | 0.2570 |

1.7 Testing Location

Sporton International (Shenzhen) Inc. is accredited to ISO 17025 by National Voluntary Laboratory Accreditation Program (NVLAP code: 600156-0).

| | | | |
|---------------------------|---|----------------------------|---------------------------------------|
| Test Site | Sporton International (Shenzhen) Inc. | | |
| Test Site Location | No. 3 Bldg the third floor of south, Shahe River west, Fengzeyuan Warehouse, Nanshan District, Shenzhen City, Guangdong Province 518055, China TEL: +86-755- 3320-2398 | | |
| Test Site No. | Sporton Site No. | FCC designation No. | FCC Test Firm Registration No. |
| | 03CH03-SZ | CN5019 | 577730 |



1.8 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR Part 2, 22(H), 24(E), 27(L)
- ♦ ANSI C63.26-2015
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items were performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

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

Radiated emissions were investigated as following frequency range:

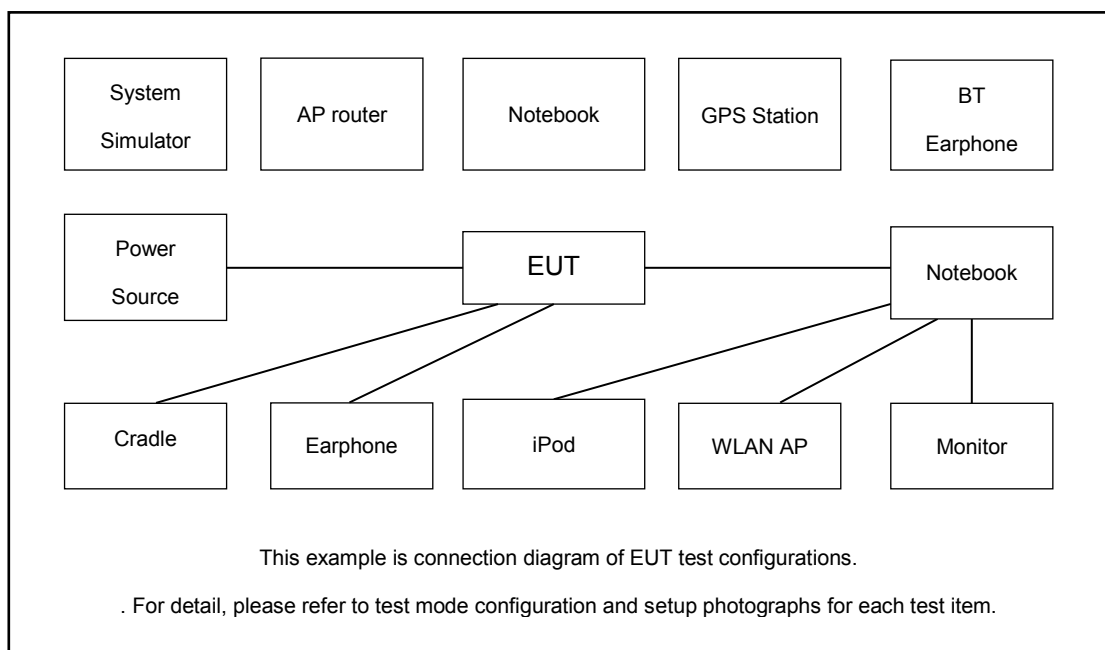
1. 30 MHz to 10th harmonic for WCDMA Band V.
2. 30 MHz to 10th harmonic for WCDMA Band IV.
3. 30 MHz to 10th harmonic for WCDMA Band II.

All modes and data rates and positions were investigated.

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

| Test Modes | |
|---------------|-------------------|
| Band | Radiated TCs |
| WCDMA Band V | RMC 12.2Kbps Link |
| WCDMA Band II | RMC 12.2Kbps Link |
| WCDMA Band IV | RMC 12.2Kbps Link |

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration

| Item | Equipment | Trade Name | Model No. | FCC ID | Data Cable | Power Cord |
|------|------------------|------------|-----------|--------|----------------|-------------------|
| 1. | System Simulator | Anritsu | MT8820C | N/A | N/A | Unshielded, 1.8 m |
| 2. | Earphone | Apple | MC690ZP/A | N/A | Shielded, 1.0m | N/A |

2.4 Frequency List of Low/Middle/High Channels

| Frequency List | | | | |
|----------------|------------------------|--------|--------|---------|
| Band | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| WCDMA Band V | Channel | 4132 | 4182 | 4233 |
| | Frequency | 826.4 | 836.4 | 846.6 |
| WCDMA Band II | Channel | 9262 | 9400 | 9538 |
| | Frequency | 1852.4 | 1880.0 | 1907.6 |
| WCDMA Band IV | Channel | 1312 | 1413 | 1513 |
| | Frequency | 1712.4 | 1732.6 | 1752.6 |

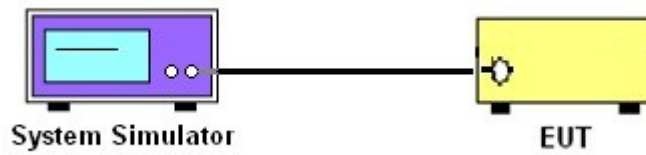
3 Conducted Test Result

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.2 Test Setup

3.2.1 Conducted Output Power



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and ERP/EIRP

3.4.1 Description of the Conducted Output Power and ERP/EIRP

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

The ERP of mobile transmitters must not exceed 7 Watts for WCDMA Band V.

The EIRP of mobile transmitters must not exceed 2 Watts for WCDMA Band II.

The EIRP of mobile transmitters must not exceed 1 Watts for WCDMA Band IV.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

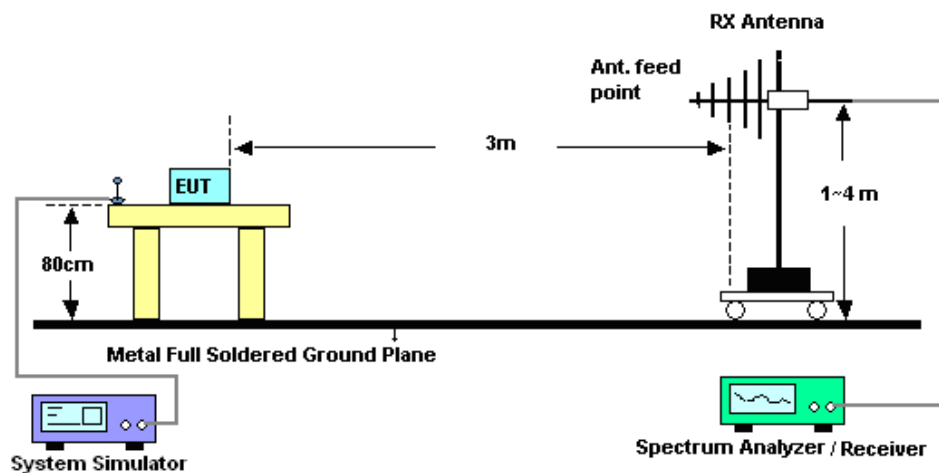
4 Radiated Test Items

4.1 Measuring Instruments

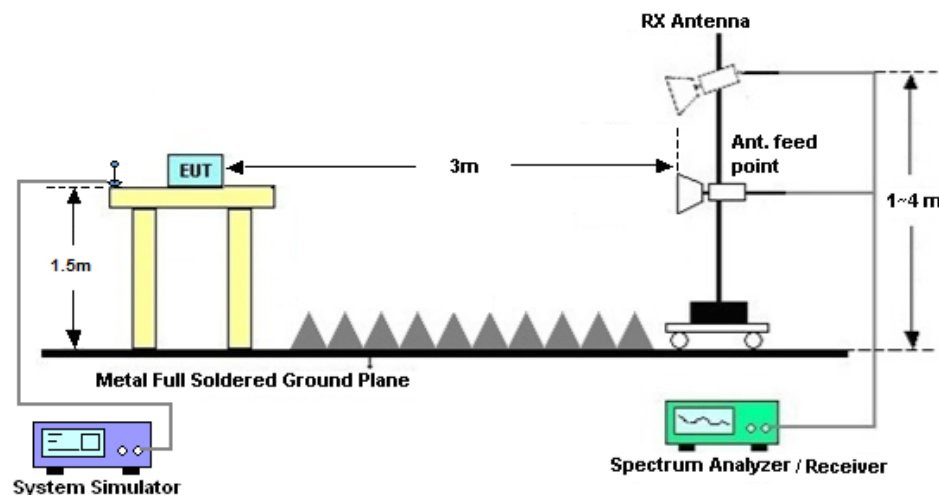
See list of measuring instruments of this test report.

4.2 Test Setup

4.2.1 For radiated test from 30MHz to 1GHz



4.2.2 For radiated test above 1GHz



4.3 Test Result of Radiated Test

Please refer to Appendix B.

4.4 Field Strength of Spurious Radiation Measurement

4.4.1 Description of Field Strength of Spurious Radiated Measurement

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a rotatable wooden table 0.8 meters for frequency below 1GHz and 1.5 meter for frequency above 1GHz above the ground.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between one meter and four meters to search for the maximum spurious emission for both horizontal and vertical polarizations.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
12. $ERP \text{ (dBm)} = EIRP - 2.15$
13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
14. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)



5 List of Measuring Equipment

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|---------------------------|----------------------|---------------|--------------|-----------------|------------------|---------------|---------------|-----------------------|
| EXA Spectrum Analyzer | KEYSIGHT | N9010A | MY55150246 | 10Hz~44GHz; | Apr. 19, 2018 | Dec. 31, 2018 | Apr. 18, 2019 | Radiation (03CH03-SZ) |
| Bilog Antenna | TeseQ | CBL6112D | 35408 | 30MHz~2GHz | Apr. 19, 2018 | Dec. 31, 2018 | Apr. 18, 2019 | Radiation (03CH03-SZ) |
| Double Ridge Horn Antenna | SCHWARZBECK | BBHA9120D | 9120D-1355 | 1GHz~18GHz | Mar. 29, 2018 | Dec. 31, 2018 | Mar. 28, 2019 | Radiation (03CH03-SZ) |
| Amplifier | Burgeon | BPA-530 | 102210 | 0.01Hz ~3000MHz | Oct. 18, 2018 | Dec. 31, 2018 | Oct. 17, 2019 | Radiation (03CH03-SZ) |
| HF Amplifier | MITEQ | TTA1840-35-HG | 1871923 | 18GHz~40GHz | Jul. 30, 2018 | Dec. 31, 2018 | Jul. 29, 2019 | Radiation (03CH03-SZ) |
| SHF-EHF Horn | com-power | AH-840 | 101071 | 18Ghz-40GHz | Mar. 30, 2018 | Dec. 31, 2018 | Mar. 29, 2019 | Radiation (03CH03-SZ) |
| Amplifier | Agilent Technologies | 83017A | MY39501302 | 500MHz~26.5GHz | Dec. 23, 2018 | Dec. 31, 2018 | Dec. 22, 2019 | Radiation (03CH03-SZ) |
| AC Power Source | Chroma | 61601 | 616010001985 | N/A | NCR | Dec. 31, 2018 | NCR | Radiation (03CH03-SZ) |
| Turn Table | EM | EM1000 | N/A | 0~360 degree | NCR | Dec. 31, 2018 | NCR | Radiation (03CH03-SZ) |

NCR: No Calibration Required

6 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage $K=2$ to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

| | |
|---|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$) | 3.0 dB |
|---|--------|

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

| | |
|---|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$) | 3.6 dB |
|---|--------|

Uncertainty of Radiated Emission Measurement (18GHz ~ 40 GHz)

| | |
|---|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$) | 3.8 dB |
|---|--------|



Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power)

| Conducted Power (*Unit: dBm) | | | | | | | | | |
|------------------------------|--------------|-------|-------|---------------|-------|--------|---------------|--------|--------|
| Band | WCDMA Band V | | | WCDMA Band II | | | WCDMA Band IV | | |
| Channel | 4132 | 4182 | 4233 | 9262 | 9400 | 9538 | 1312 | 1413 | 1513 |
| Frequency | 826.4 | 836.4 | 846.6 | 1852.4 | 1880 | 1907.6 | 1712.4 | 1732.6 | 1752.6 |
| RMC 12.2K | 22.65 | 22.50 | 22.62 | 22.38 | 22.29 | 22.15 | 22.05 | 22.10 | 22.00 |
| HSDPA Subtest-1 | 21.47 | 21.26 | 21.45 | 21.25 | 21.00 | 20.75 | 20.81 | 20.97 | 21.11 |
| HSDPA Subtest-2 | 21.44 | 21.35 | 21.43 | 21.23 | 21.08 | 20.79 | 20.84 | 20.97 | 21.08 |
| HSDPA Subtest-3 | 20.96 | 20.87 | 20.95 | 20.74 | 20.59 | 20.32 | 20.38 | 20.50 | 20.62 |
| HSDPA Subtest-4 | 20.96 | 20.87 | 20.94 | 20.73 | 20.60 | 20.32 | 20.38 | 20.50 | 20.62 |
| DC-HSDPA Subtest-1 | 21.25 | 20.93 | 20.96 | 20.30 | 20.23 | 20.26 | 20.28 | 20.35 | 20.22 |
| DC-HSDPA Subtest-2 | 21.20 | 20.92 | 20.92 | 20.23 | 20.22 | 20.21 | 20.22 | 20.34 | 20.19 |
| DC-HSDPA Subtest-3 | 20.50 | 20.52 | 20.46 | 20.15 | 20.13 | 20.08 | 20.11 | 20.18 | 20.09 |
| DC-HSDPA Subtest-4 | 20.42 | 20.27 | 20.45 | 20.05 | 19.96 | 19.94 | 20.01 | 19.99 | 19.96 |
| HSUPA Subtest-1 | 20.72 | 20.59 | 20.40 | 20.50 | 20.06 | 20.03 | 20.04 | 20.05 | 20.02 |
| HSUPA Subtest-2 | 20.34 | 20.20 | 20.30 | 19.78 | 19.63 | 19.61 | 19.76 | 19.62 | 19.42 |
| HSUPA Subtest-3 | 20.36 | 20.22 | 20.02 | 19.39 | 19.33 | 19.35 | 19.78 | 19.64 | 19.44 |
| HSUPA Subtest-4 | 20.62 | 20.77 | 20.59 | 19.77 | 19.75 | 19.61 | 19.84 | 19.99 | 19.81 |
| HSUPA Subtest-5 | 21.65 | 21.55 | 21.35 | 20.85 | 20.63 | 20.60 | 20.88 | 20.97 | 20.77 |

ERP/EIRP

| WCDMA Band V ($G_T - L_C = 1.50$ dB) | | | |
|---------------------------------------|--------|--------|--------|
| Channel | 4132 | 4182 | 4233 |
| | (Low) | (Mid) | (High) |
| Frequency | 826.4 | 836.4 | 846.6 |
| (MHz) | | | |
| Conducted Power (dBm) | 22.65 | 22.50 | 22.62 |
| Conducted Power (Watts) | 0.1841 | 0.1778 | 0.1828 |
| ERP(dBm) | 22.00 | 21.85 | 21.97 |
| ERP(Watts) | 0.1585 | 0.1531 | 0.1574 |

| WCDMA Band II ($G_T - L_C = 2.00$ dB) | | | |
|--|--------|--------|--------|
| Channel | 9262 | 9400 | 9538 |
| | (Low) | (Mid) | (High) |
| Frequency | 1852.4 | 1880 | 1907.6 |
| (MHz) | | | |
| Conducted Power (dBm) | 22.38 | 22.29 | 22.15 |
| Conducted Power (Watts) | 0.1730 | 0.1694 | 0.1641 |
| EIRP(dBm) | 24.38 | 24.29 | 24.15 |
| EIRP(Watts) | 0.2742 | 0.2685 | 0.2600 |

| WCDMA Band IV ($G_T - L_C = 2.00$ dB) | | | |
|--|--------|--------|--------|
| Channel | 1312 | 1413 | 1513 |
| | (Low) | (Mid) | (High) |
| Frequency | 1712.4 | 1732.6 | 1752.6 |
| (MHz) | | | |
| Conducted Power (dBm) | 22.05 | 22.10 | 22.00 |
| Conducted Power (Watts) | 0.1603 | 0.1622 | 0.1585 |
| EIRP(dBm) | 24.05 | 24.10 | 24.00 |
| EIRP(Watts) | 0.2541 | 0.2570 | 0.2512 |



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

| WCDMA Band V(RMC 12.2Kbps) | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1652.8 | -72.61 | -13 | -59.61 | -74.32 | -77.08 | 2.76 | 9.38 | H |
| | 2479.2 | -74.14 | -13 | -61.14 | -80.20 | -80.11 | 2.45 | 10.57 | H |
| | 3305.6 | -69.43 | -13 | -56.43 | -77.43 | -75.28 | 4.58 | 12.58 | H |
| | 1652.8 | -72.96 | -13 | -59.96 | -74.80 | -77.43 | 2.76 | 9.38 | V |
| | 2479.2 | -73.57 | -13 | -60.57 | -79.52 | -79.54 | 2.45 | 10.57 | V |
| | 3305.6 | -69.44 | -13 | -56.44 | -77.47 | -75.29 | 4.58 | 12.58 | V |
| Middle | 1672.8 | -60.68 | -13 | -47.68 | -62.39 | -65.05 | 2.88 | 9.40 | H |
| | 2509.2 | -69.99 | -13 | -56.99 | -76.05 | -74.94 | 3.50 | 10.60 | H |
| | 3345.6 | -69.43 | -13 | -56.43 | -77.43 | -75.25 | 4.63 | 12.60 | H |
| | 1672.8 | -65.30 | -13 | -52.30 | -67.14 | -69.67 | 2.88 | 9.40 | V |
| | 2509.2 | -69.79 | -13 | -56.79 | -75.74 | -74.74 | 3.50 | 10.60 | V |
| | 3345.6 | -69.42 | -13 | -56.42 | -77.45 | -75.24 | 4.63 | 12.60 | V |
| Highest | 1693.2 | -73.41 | -13 | -60.41 | -75.12 | -77.76 | 2.92 | 9.42 | H |
| | 2539.8 | -73.72 | -13 | -60.72 | -79.78 | -78.57 | 3.63 | 10.63 | H |
| | 3386.4 | -69.99 | -13 | -56.99 | -77.99 | -75.74 | 4.74 | 12.64 | H |
| | 1693.2 | -73.21 | -13 | -60.21 | -75.05 | -77.56 | 2.92 | 9.42 | V |
| | 2539.8 | -72.94 | -13 | -59.94 | -78.89 | -77.79 | 3.63 | 10.63 | V |
| | 3386.4 | -69.83 | -13 | -56.83 | -77.86 | -73.58 | 4.74 | 10.64 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| WCDMA Band II(RMC 12.2Kbps) | | | | | | | | | |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3704.8 | -48.44 | -13 | -35.44 | -62.06 | -56.13 | 4.87 | 12.56 | H |
| | 5557.2 | -36.89 | -13 | -23.89 | -54.15 | -42.79 | 7.12 | 13.02 | H |
| | 7409.6 | -59.09 | -13 | -46.09 | -79.07 | -62.82 | 7.59 | 11.32 | H |
| | 3704.8 | -50.78 | -13 | -37.78 | -65.11 | -58.47 | 4.87 | 12.56 | V |
| | 5557.2 | -42.98 | -13 | -29.98 | -59.51 | -48.88 | 7.12 | 13.02 | V |
| | 7409.6 | -59.84 | -13 | -46.84 | -79.48 | -63.57 | 7.59 | 11.32 | V |
| Middle | 3760.00 | -44.71 | -13 | -31.71 | -58.33 | -52.31 | 5.00 | 12.60 | H |
| | 5640.00 | -33.70 | -13 | -20.70 | -51.71 | -39.50 | 7.30 | 13.10 | H |
| | 7520.00 | -59.25 | -13 | -46.25 | -79.23 | -62.82 | 7.73 | 11.30 | H |
| | 3760.00 | -49.79 | -13 | -36.79 | -64.12 | -57.39 | 5.00 | 12.60 | V |
| | 5640.00 | -41.29 | -13 | -28.29 | -57.82 | -47.09 | 7.30 | 13.10 | V |
| | 7520.00 | -59.57 | -13 | -46.57 | -79.21 | -63.14 | 7.73 | 11.30 | V |
| Highest | 3815.2 | -39.94 | -13 | -26.94 | -54.36 | -47.23 | 5.36 | 12.65 | H |
| | 5722.8 | -33.04 | -13 | -20.04 | -51.10 | -38.72 | 7.52 | 13.20 | H |
| | 7630.4 | -59.79 | -13 | -46.79 | -79.77 | -63.30 | 7.85 | 11.36 | H |
| | 3815.2 | -46.14 | -13 | -33.14 | -60.47 | -53.43 | 5.36 | 12.65 | V |
| | 5722.8 | -41.07 | -13 | -28.07 | -57.6 | -46.75 | 7.52 | 13.20 | V |
| | 7630.4 | -59.70 | -13 | -46.70 | -79.34 | -63.21 | 7.85 | 11.36 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| WCDMA Band IV(RMC 12.2Kbps) | | | | | | | | | |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3424.8 | -50.59 | -13 | -37.59 | -64.29 | -58.59 | 4.58 | 12.58 | H |
| | 5137.2 | -43.24 | -13 | -30.24 | -61.17 | -49.70 | 6.21 | 12.67 | H |
| | 6849.6 | -60.43 | -13 | -47.43 | -80.05 | -65.22 | 8.16 | 12.95 | H |
| | 3424.8 | -55.92 | -13 | -42.92 | -67.33 | -63.92 | 4.58 | 12.58 | V |
| | 5137.2 | -50.23 | -13 | -37.23 | -63.84 | -56.69 | 6.21 | 12.67 | V |
| | 6849.6 | -60.84 | -13 | -47.84 | -79.96 | -65.63 | 8.16 | 12.95 | V |
| Middle | 3465.2 | -50.42 | -13 | -37.42 | -64.12 | -58.39 | 4.63 | 12.60 | H |
| | 5197.8 | -38.71 | -13 | -25.71 | -56.64 | -45.16 | 6.25 | 12.70 | H |
| | 6930.4 | -60.81 | -13 | -47.81 | -80.43 | -65.58 | 8.23 | 13.00 | H |
| | 3465.2 | -54.68 | -13 | -41.68 | -66.09 | -62.65 | 4.63 | 12.6 | V |
| | 5197.8 | -46.08 | -13 | -33.08 | -59.89 | -52.53 | 6.25 | 12.7 | V |
| | 6930.4 | -60.78 | -13 | -47.78 | -79.9 | -65.55 | 8.23 | 13 | V |
| Highest | 3505.2 | -50.27 | -13 | -37.27 | -63.97 | -58.27 | 4.66 | 12.66 | H |
| | 5257.8 | -40.93 | -13 | -27.93 | -58.86 | -47.37 | 6.31 | 12.75 | H |
| | 7010.4 | -58.53 | -13 | -45.53 | -78.15 | -63.30 | 8.35 | 13.12 | H |
| | 3505.2 | -55.30 | -13 | -42.30 | -66.71 | -63.30 | 4.66 | 12.66 | V |
| | 5257.8 | -48.31 | -13 | -35.31 | -61.92 | -54.75 | 6.31 | 12.75 | V |
| | 7010.4 | -58.62 | -13 | -45.62 | -77.74 | -63.39 | 8.35 | 13.12 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.