

Vpatch Cardio Pty Ltd.

TEST REPORT

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Radio Spectrum TEST REPORT

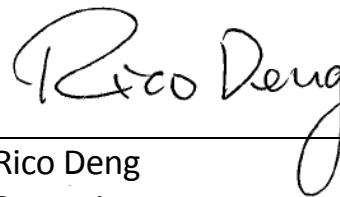
| | |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applicant: | Vpatch Cardio Pty Ltd. Level 1, 1221 Toorak Road, Camberwell, Victoria, 3124, Australia. |
| Product: | WWAN Module |
| Model No.: | 1003 |
| Brand Name: | Vpatch |
| FCC ID: | 2ARNZ-1003 |
| Test Method/ Standard: | 47 CFR FCC Part 22, 47 CFR FCC Part 24, 47 CFR FCC Part 2, ANSI/TIA-603-E KDB 971168 D01 Power Meas License Digital Systems v02r02 |
| Test By: | Intertek Testing Services Taiwan Ltd., Hsinchu Laboratory No. 11, Lane 275, Ko-Nan 1 Street, Chia-Tung Li, Shiang-Shan District, Hsinchu City, Taiwan |

Prepared and Checked by:



Durant Wei
Engineer

Approved by:



Rico Deng
Supervisor

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Revision History

| Report No. | Issue Date | Revision Summary |
|------------------|---------------|------------------|
| 180800267TWN-001 | Jan. 24, 2019 | Original |

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Summary of Test Data

| Test Requirement | Applicable Rule | Limit | Result |
|-------------------------------------|--------------------------------------------------------|------------------------------------|---------------------|
| Conducted Output Power | 2.1046 | Reporting Only | Pass |
| Effective Radiated Power | 22.913(a)(2) | ERP < 7 Watts | Pass |
| Equivalent isotropic radiated power | 24.232(c) | ERP < 2 Watts | Pass |
| Frequency Stability | 2.1055 22.355 24.235 27.54 | < 2.5 ppm / Within frequency range | Verified (Note1) |
| Occupied Bandwidth | 2.1049 22.917(b) 24.238(a) 27.53(h) | Reporting Only | Verified (Note1) |
| Peak to average ratio | 24.232(d) | < 13 dB | Verified (Note1) |
| Band Edge Measurements | 2.1049 2.1051 22.917(a) 24.238(a) 27.53(g) | < 43+10log10(P[Watts]) | Verified (Note1) |
| Conducted Spurious Emissions | 2.1051 22.917(a) 24.238(a) 27.53(g) | < 43+10log10(P[Watts]) | Verified (Note1) |
| Radiated Spurious Emissions | 2.1053 22.917(a) 24.238(a) 27.53(g) | < 43+10log10(P[Watts]) | Pass |

Note:

1. After evaluation, the certification is C2PC, Please refer to the report number: 1112FR12-02, dated Feb. 03, 2017.
2. The test items in this report were conducted in Shenzhen UnionTrust Quality and Technology Co., Ltd. under Intertek's Recognized Testing Laboratory (RTL) program.

1. General Information

1.1 Identification of the EUT

| | | | | |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|
| Product: | WWAN Module | | | |
| Model No.: | 1003 | | | |
| Operating Frequency: | GPRS/EDGE 850: 824.2-848.8 MHz GPRS/EDGE 1900: 1850.2-1909.8 MHz WCDMA Band II: 1852.4-1907.6 MHz WCDMA Band V: 826.4-846.6 MHz | | | |
| Channel Number: | GPRS/EDGE 850: Channel 128(L) Channel 190(M) Channel 251(H) GPRS/EDGE 1900: Channel 512(L) Channel 661(M) Channel 810(H) WCDMA Band II: Channel 9262(L) Channel 9400(M) Channel 9538(H) WCDMA Band V: Channel 4132(L) Channel 4182(M) Channel 4233(H) | | | |
| Frequency of Each Channel: | GPRS/EDGE 850: | Channel 128 | Channel 190 | Channel 251 |
| | | 824.2 MHz | 836.6 MHz | 848.8 MHz |
| | GPRS/EDGE 1900: | Channel 512 | Channel 661 | Channel 810 |
| | | 1850.2 MHz | 1880.0 MHz | 1909.8 MHz |
| | WCDMA Band II: | Channel 9262 | Channel 9400 | Channel 9538 |
| 1852.4 MHz | | 1880.0 MHz | 1907.6 MHz | |
| WCDMA Band V: | Channel 4132 | Channel 4182 | Channel 4233 | |
| | 826.4 MHz | 836.4 MHz | 846.6 MHz | |
| Access scheme: | N/A | | | |
| Rated Power: | Li-ion Polymer Battery Pack; SNO-523450PC; 3.7V; 1000mAh | | | |
| Power Cord: | N/A | | | |
| Sample receiving date: | Dec. 12, 2018 | | | |
| Sample condition: | Link | | | |
| Test Date(s): | Dec. 15, 2018 to Dec. 20, 2018 | | | |

1.2 Antenna description

Antenna 1

| | |
|-----------------------|------------------------------------------------|
| Antenna Gain | 1.9 dBi max (850 Band), 3 dBi max (1900 Band) |
| Antenna Type | PCB antenna |
| Connector Type | PCB |

Antenna 2

| | |
|-----------------------|---------------------------|
| Antenna Gain | 3.3 dBi max (2.4GHz ISM) |
| Antenna Type | PCB antenna |
| Connector Type | PCB |

1.3 Operation mode

TX mode: EUT use 「CMW500」 entering LINK mode , and Touchscreen to change different channel and max power.

1.4 Applied test modes and channels

| | Test items | Band | Test mode | Modulation | Coding Scheme/Subtest | Test Channel |
|------------------|----------------------------|---------------|--------------|------------|-----------------------|----------------|
| Conducted | Max. Output Power | GSM 850 | GPRS/EGPRS | GMSK/8PSK | CS-1,MCS5 | 128/190/251 |
| | | GSM 1900 | GPRS/EGPRS | GMSK/8PSK | CS-1,MCS5 | 512/661/810 |
| | | WCDMA Band V | 12.2kbps RMC | QPSK | - | 4132/4182/4233 |
| | | WCDMA Band II | 12.2kbps RMC | QPSK | - | 9262/9400/9538 |
| | | HSDPA Band V | RMC + HSDPA | QPSK | 1/2/3/4 | 4132/4182/4233 |
| | | HSDPA Band II | RMC + HSDPA | QPSK | 1/2/3/4 | 9262/9400/9538 |
| | | HSPA Band V | RMC + HSPA | QPSK | 1/2/3/4/5 | 4132/4182/4233 |
| | | HSPA Band II | RMC + HSPA | QPSK | 1/2/3/4/5 | 9262/9400/9538 |
| Radiated | E.I.R.P / E.R.P | GSM 850 | GPRS/EGPRS | GMSK/8PSK | CS-1,MCS5 | 128/190/251 |
| | | GSM 1900 | GPRS/EGPRS | GMSK/8PSK | CS-1,MCS5 | 512/661/810 |
| | | WCDMA Band V | 12.2kbps RMC | QPSK | - | 4132/4182/4233 |
| | | WCDMA Band II | 12.2kbps RMC | QPSK | - | 9262/9400/9538 |
| | | HSDPA Band V | RMC + HSDPA | QPSK | 1 | 4132/4182/4233 |
| | | HSDPA Band II | RMC + HSDPA | QPSK | 2 | 9262/9400/9538 |
| | | HSPA Band V | RMC + HSPA | QPSK | 1 | 4132/4182/4233 |
| | | HSPA Band II | RMC + HSPA | QPSK | 2 | 9262/9400/9538 |
| | Radiated Spurious Emission | GSM 850 | GPRS/EGPRS | GMSK/8PSK | CS-1,MCS5 | 128/190/251 |
| | | GSM 1900 | GPRS/EGPRS | GMSK/8PSK | CS-1,MCS5 | 512/661/810 |
| | | WCDMA Band V | 12.2kbps RMC | QPSK | - | 4132/4182/4233 |
| | | WCDMA Band II | 12.2kbps RMC | QPSK | - | 9262/9400/9538 |
| | | HSDPA Band V | RMC + HSDPA | QPSK | 1 | 4132/4182/4233 |
| | | HSDPA Band II | RMC + HSDPA | QPSK | 2 | 9262/9400/9538 |
| | | HSPA Band V | RMC + HSPA | QPSK | 1 | 4132/4182/4233 |
| | | HSPA Band II | RMC + HSPA | QPSK | 2 | 9262/9400/9538 |

2. Output Power Measurement

2.1 Test conditions

| | | |
|----------------------|-----|-----|
| Temperature: | 23 | °C |
| Relative Humidity: | 55 | % |
| Atmospheric Pressure | 998 | hPa |

2.2 Limit for output power measurement

§22.913(a)(2)

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

§24.232(c)

Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

2.3 Test procedure

2.3.1 Conducted power measurement

1. The EUT was established communication with base station simulator and set up to transmit the maximum power.
2. Set the EUT to transmit at low, middle and high channel and record the power level on the base station simulator.
- 3,According to KDB 412172 D01 Power Approach

$ERP/EIRP = P_T + G_T - L_c$, $ERP = EIRP - 2.15$,

where;

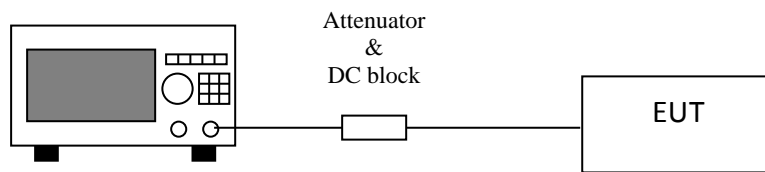
P_T =transmitter output power, in dBW, dBm

G_T = gain of the transmitting antenna, in dBi

L_c = signal attenuation in the connecting cable between the transmitter and antenna,in dB.

2.4 Test diagram

2.4.1 Conducted test setup



Base station simulator

2.5 Test results

2.5.1 Conducted output power

| Mode | Channel | Frequency | 1 time slot | 2 time slots |
|------|---------|-----------|--------------|--------------|
| | | | Average(dBm) | Average(dBm) |
| GPRS | 128 | 824.2 | 32.63 | 32.62 |
| | 190 | 836.6 | 32.56 | 32.55 |
| | 251 | 848.8 | 32.56 | 32.54 |
| GPRS | 512 | 1850.2 | 28.94 | 28.93 |
| | 661 | 1880.0 | 28.74 | 28.72 |
| | 810 | 1909.8 | 28.85 | 28.84 |

| Mode | Channel | Frequency | 1 time slot | 2 time slots |
|-------|---------|-----------|---------------|---------------|
| | | | Average (dBm) | Average (dBm) |
| EGPRS | 128 | 824.2 | 27.16 | 27.22 |
| | 190 | 836.6 | 27.05 | 27.07 |
| | 251 | 848.8 | 27.19 | 27.17 |
| EGPRS | 512 | 1850.2 | 25.25 | 25.21 |
| | 661 | 1880.0 | 25.05 | 25.18 |
| | 810 | 1909.8 | 25.12 | 25.08 |

| Mode | Channel | Frequency | Average(dBm) |
|---------------------------|---------|-----------|--------------|
| WCDMA Rel99 Band V | 4132 | 826.4 | 23.89 |
| | 4182 | 836.4 | 23.79 |
| | 4233 | 846.6 | 23.82 |
| WCDMA Rel99 Band II | 9262 | 1850.2 | 23.64 |
| | 9400 | 1880.0 | 23.78 |
| | 9538 | 1909.8 | 23.52 |

| Band | Subtest | Channel | Frequency | Average Power (dBm) |
|---------------------------|---------|---------|-----------|---------------------|
| Band 5 HSDPA 850MHz | 1 | 4132 | 826.4 | 23.43 |
| | | 4182 | 836.4 | 23.20 |
| | | 4233 | 846.6 | 23.28 |
| | 2 | 4132 | 826.4 | 22.42 |
| | | 4182 | 836.4 | 22.25 |
| | | 4233 | 846.6 | 22.31 |
| | 3 | 4132 | 826.4 | 22.15 |
| | | 4182 | 836.4 | 22.03 |
| | | 4232 | 846.6 | 22.00 |
| | 4 | 4132 | 826.4 | 21.91 |
| | | 4182 | 836.4 | 21.85 |
| | | 4233 | 846.6 | 21.84 |

| Band | Subtest | Channel | Frequency | Average Power (dBm) |
|----------------------------|---------|---------|-----------|---------------------|
| Band 2 HSDPA 1900MHz | 1 | 9262 | 1852.4 | 23.17 |
| | | 9400 | 1880 | 23.40 |
| | | 9538 | 1907.6 | 23.15 |
| | 2 | 9262 | 1852.4 | 22.17 |
| | | 9400 | 1880 | 22.35 |
| | | 9538 | 1907.6 | 22.08 |
| | 3 | 9262 | 1852.4 | 21.88 |
| | | 9400 | 1880 | 22.16 |
| | | 9538 | 1907.6 | 21.82 |
| | 4 | 9262 | 1852.4 | 21.62 |
| | | 9400 | 1880 | 21.93 |
| | | 9538 | 1907.6 | 21.73 |

| Band | Subtest | Channel | Frequency | Average Power (dBm) |
|--------------------------|---------|---------|-----------|---------------------|
| Band 5 HSPA 850MHz | 1 | 4132 | 826.4 | 21.70 |
| | | 4182 | 836.4 | 21.71 |
| | | 4233 | 846.6 | 21.74 |
| | 2 | 4132 | 826.4 | 20.44 |
| | | 4182 | 836.4 | 20.41 |
| | | 4233 | 846.6 | 20.40 |
| | 3 | 4132 | 826.4 | 21.15 |
| | | 4182 | 836.4 | 21.11 |
| | | 4233 | 846.6 | 21.13 |
| | 4 | 4132 | 826.4 | 20.58 |
| | | 4182 | 836.4 | 20.57 |
| | | 4233 | 846.6 | 20.55 |
| | 5 | 4132 | 826.4 | 22.01 |
| | | 4182 | 836.4 | 21.73 |
| | | 4233 | 846.6 | 21.76 |

| Band | Subtest | Channel | Frequency | Average Power (dBm) |
|---------------------------|---------|---------|-----------|---------------------|
| Band 2 HSPA 1900MHz | 1 | 9262 | 1852.4 | 22.11 |
| | | 9400 | 1880 | 22.36 |
| | | 9538 | 1907.6 | 22.14 |
| | 2 | 9262 | 1852.4 | 20.03 |
| | | 9400 | 1880 | 20.21 |
| | | 9538 | 1907.6 | 20.11 |
| | 3 | 9262 | 1852.4 | 20.86 |
| | | 9400 | 1880 | 21.11 |
| | | 9538 | 1907.6 | 20.83 |
| | 4 | 9262 | 1852.4 | 20.24 |
| | | 9400 | 1880 | 20.20 |
| | | 9538 | 1907.6 | 20.23 |
| | 5 | 9262 | 1852.4 | 21.86 |
| | | 9400 | 1880 | 22.13 |
| | | 9538 | 1907.6 | 21.82 |

2.5.2 Radiated output power

Average E.R.P. for 850 Band

| Mode | Channel | Frequency | Conducted Power (dBm) | Ant Gain (dBi) | ERP (dBm) |
|--------------|---------|-----------|-----------------------|----------------|-----------|
| GPRS | 128 | 824.2 | 32.63 | 1.9 | 32.38 |
| | 190 | 836.6 | 32.56 | 1.9 | 32.31 |
| | 251 | 848.8 | 32.56 | 1.9 | 32.31 |
| EGPRS | 128 | 824.2 | 27.16 | 1.9 | 26.91 |
| | 190 | 836.6 | 27.05 | 1.9 | 26.80 |
| | 251 | 848.8 | 27.19 | 1.9 | 26.94 |
| WCDMA REL 99 | 4132 | 826.4 | 23.89 | 1.9 | 23.64 |
| | 4182 | 836.4 | 23.79 | 1.9 | 23.54 |
| | 4233 | 846.6 | 23.82 | 1.9 | 23.57 |
| HSDPA REL 5 | 4132 | 826.4 | 23.43 | 1.9 | 23.18 |
| | 4182 | 836.4 | 23.20 | 1.9 | 22.95 |
| | 4233 | 846.6 | 23.28 | 1.9 | 23.03 |
| HSPA REL 6 | 4132 | 826.4 | 21.70 | 1.9 | 21.45 |
| | 4182 | 836.4 | 21.71 | 1.9 | 21.46 |
| | 4233 | 846.6 | 21.74 | 1.9 | 21.49 |

Note: ERP = Conducted Power + Ant Gain(dBi) – 2.15

Average E.I.R.P. for 1900 Band

| Mode | Channel | Frequency | Conducted (dBm) | Ant Gain (dBi) | EIRP |
|--------------|---------|-----------|-----------------|----------------|-------|
| GPRS | 512 | 1850.2 | 28.94 | 3 | 31.94 |
| | 661 | 1880.0 | 28.74 | 3 | 31.74 |
| | 810 | 1909.8 | 28.85 | 3 | 31.85 |
| EGPRS | 512 | 1850.2 | 25.25 | 3 | 28.25 |
| | 661 | 1880.0 | 25.05 | 3 | 28.05 |
| | 810 | 1909.8 | 25.12 | 3 | 28.12 |
| WCDMA REL 99 | 9262 | 1850.2 | 23.64 | 3 | 26.64 |
| | 9400 | 1880 | 23.78 | 3 | 26.78 |
| | 9538 | 1909.8 | 23.52 | 3 | 26.52 |
| HSDPA REL5 | 9262 | 1852.4 | 23.17 | 3 | 26.17 |
| | 9400 | 1880 | 23.40 | 3 | 26.40 |
| | 9538 | 1907.6 | 23.15 | 3 | 26.15 |
| HSPA REL6 | 9262 | 1852.4 | 22.11 | 3 | 25.11 |
| | 9400 | 1880 | 22.36 | 3 | 25.36 |
| | 9538 | 1907.6 | 22.14 | 3 | 25.14 |

Note: EIRP = Conducted Power + Ant Gain(dBi)

3. Radiated Emission Measurement

3.1 Test conditions

| | | |
|----------------------|------|-----|
| Temperature: | 25 | °C |
| Relative Humidity: | 57 | % |
| Atmospheric Pressure | 1008 | hPa |

3.2 Limit for radiated emission measurement

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

3.3 Test procedure

1. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.

2. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the turn table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G

3. $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn.}$

4. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P
 $\text{power} = \text{E.I.P.R power} - 2.15\text{dBi.}$

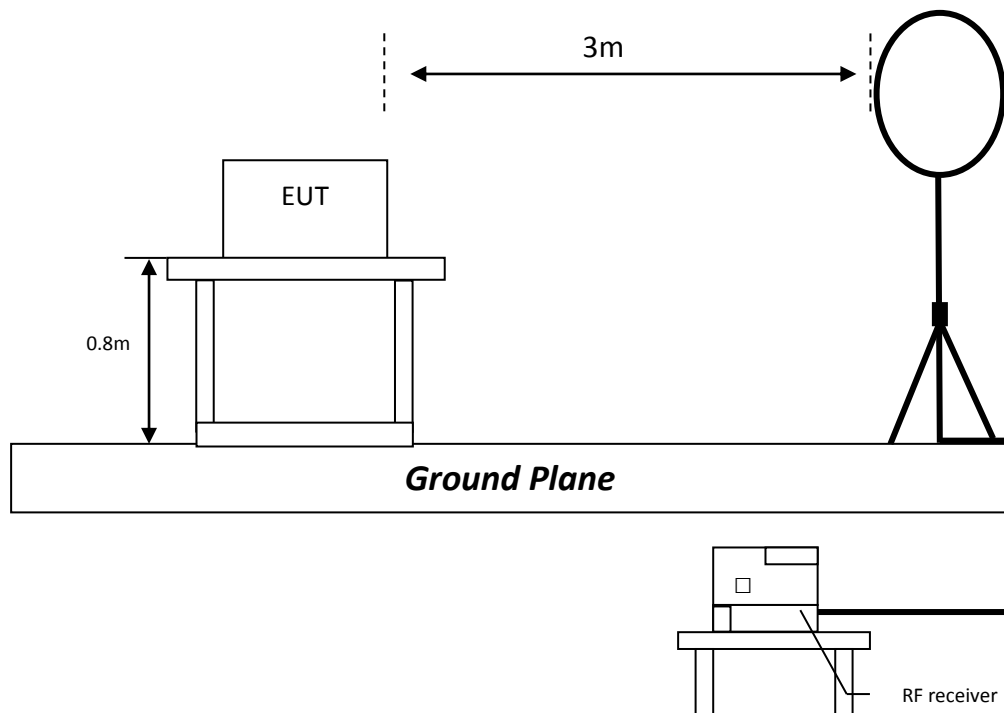
NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

3.4 Test diagram

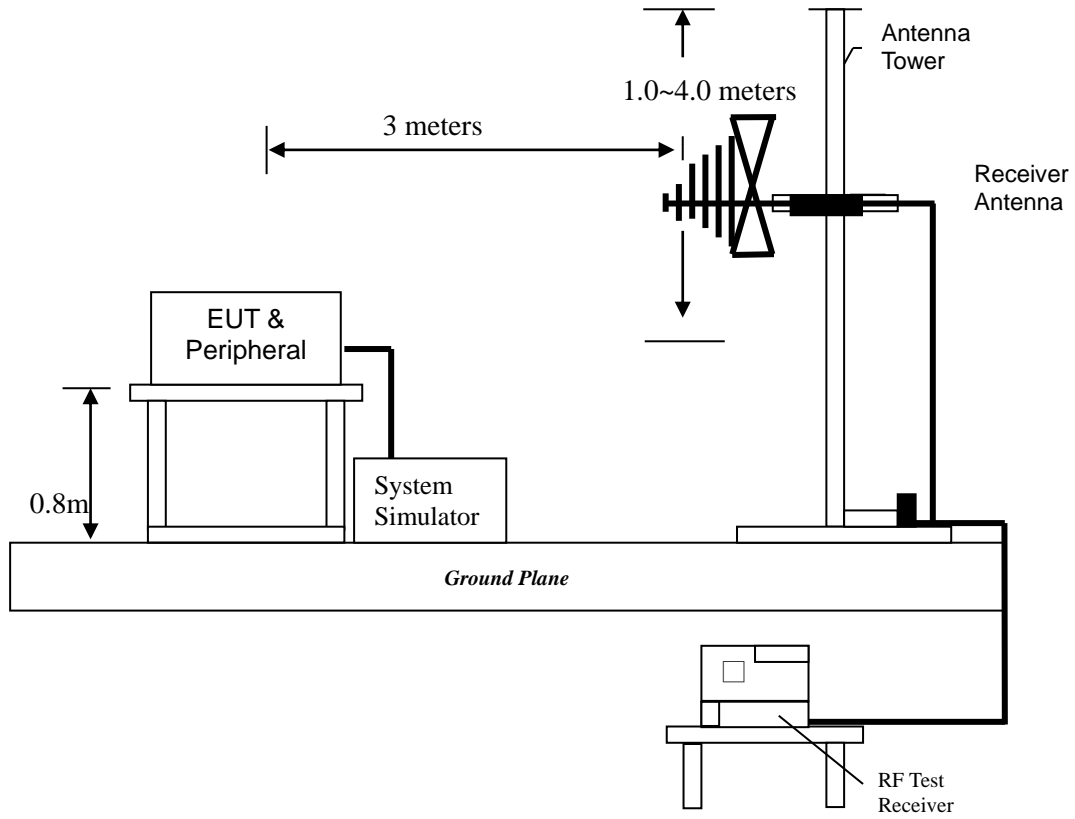
The EUT is investigated for X, Y and Z axis. The worst case was determined to be at X axis after the investigations. The final test data was executed under this configuration.

3.5 Test configuration

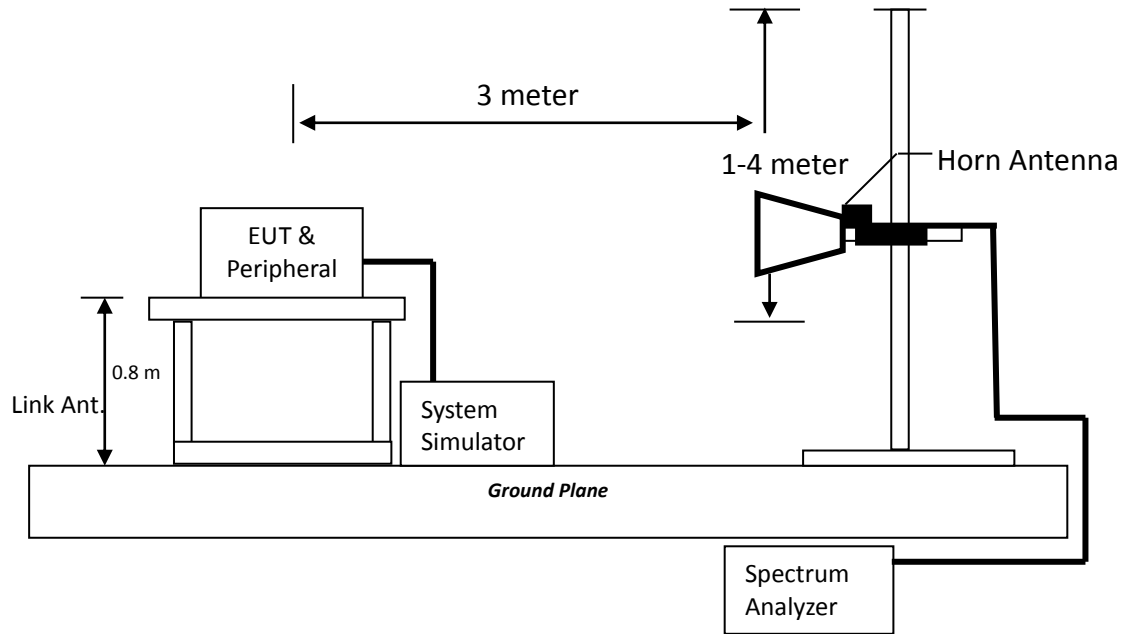
3.5.1 Radiated emission from 9 kHz to 30MHz using Loop Antenna



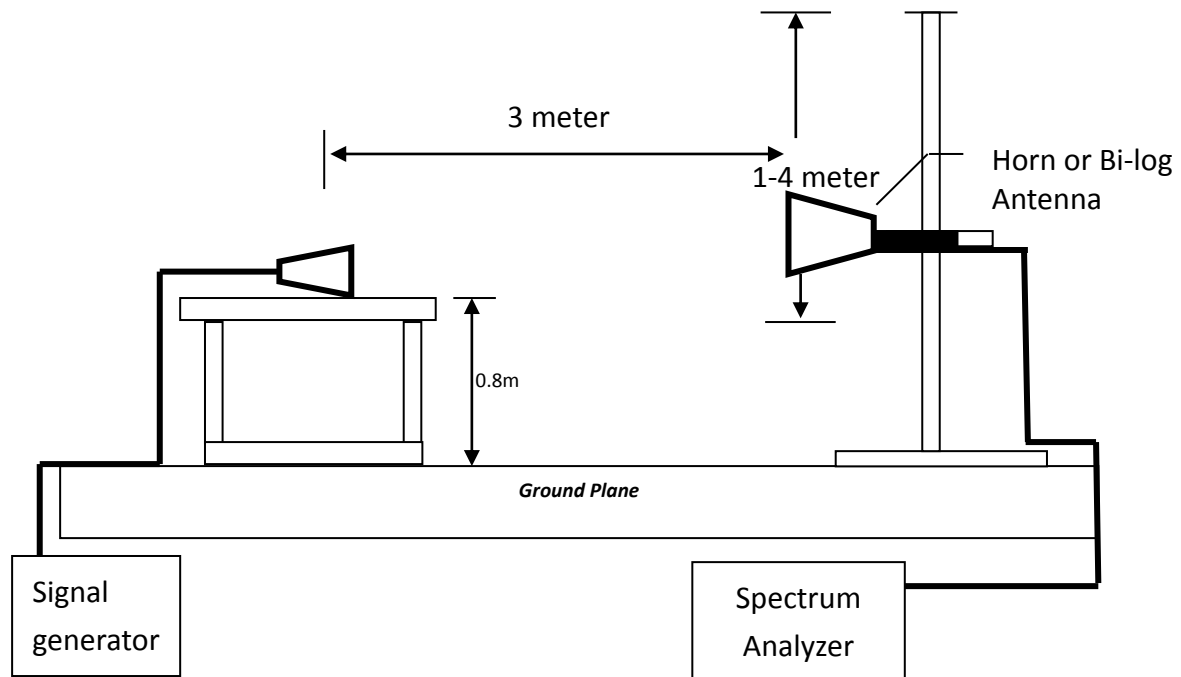
3.5.2 Radiated emission below 1GHz using Bilog Antenna



3.5.3 Radiated emission above 1GHz using Horn Antenna



3.5.4 Radiated emission with Substitution Antenna



3.5 Test results

850 Band

Radiated Emission Test Data (30 MHz to 1 GHz)

| GPRS 850 1Tx-slot_Lowest Channel | | | | | | | |
|----------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 121.462 | -84.27 | 19.54 | -64.73 | -13.00 | -51.73 | Peak |
| 2 | 409.651 | -86.73 | 30.65 | -56.08 | -13.00 | -43.08 | Peak |
| 3 | 558.079 | -86.30 | 34.20 | -52.10 | -13.00 | -39.10 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 46.708 | -82.23 | 18.15 | -64.08 | -13.00 | -51.08 | Peak |
| 2 | 122.319 | -78.34 | 19.56 | -58.78 | -13.00 | -45.78 | Peak |
| 3 | 660.602 | -86.71 | 35.87 | -50.84 | -13.00 | -37.84 | Peak |

| GPRS 850 1Tx-slot_Middle Channel | | | | | | | |
|----------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 120.612 | -84.00 | 19.51 | -64.49 | -13.00 | -51.49 | Peak |
| 2 | 418.378 | -85.38 | 30.86 | -54.52 | -13.00 | -41.52 | Peak |
| 3 | 776.485 | -86.21 | 37.15 | -49.06 | -13.00 | -36.06 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 45.733 | -83.84 | 18.57 | -65.27 | -13.00 | -52.27 | Peak |
| 2 | 124.925 | -75.64 | 19.62 | -56.02 | -13.00 | -43.02 | Peak |
| 3 | 798.620 | -85.52 | 37.50 | -48.02 | -13.00 | -35.02 | Peak |

| GPRS 850 1Tx-slot_Highest Channel | | | | | | | |
|-----------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 30.855 | -89.52 | 27.21 | -62.31 | -13.00 | -49.31 | Peak |
| 2 | 127.586 | -85.96 | 19.68 | -66.28 | -13.00 | -53.28 | Peak |
| 3 | 427.292 | -86.72 | 31.28 | -55.44 | -13.00 | -42.44 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 47.369 | -84.37 | 17.86 | -66.51 | -13.00 | -53.51 | Peak |
| 2 | 121.462 | -77.29 | 19.54 | -57.75 | -13.00 | -44.75 | Peak |
| 3 | 689.051 | -86.89 | 36.02 | -50.87 | -13.00 | -37.87 | Peak |

| WCDMA Band V RMC 12.2Kbps_Lowest Channel | | | | | | | |
|------------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 122.319 | -84.13 | 19.56 | -64.57 | -13.00 | -51.57 | Peak |
| 2 | 266.839 | -86.42 | 23.81 | -62.61 | -13.00 | -49.61 | Peak |
| 3 | 660.602 | -86.47 | 35.87 | -50.60 | -13.00 | -37.60 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 46.056 | -81.94 | 18.44 | -63.50 | -13.00 | -50.50 | Peak |
| 2 | 124.925 | -76.73 | 19.62 | -57.11 | -13.00 | -44.11 | Peak |
| 3 | 809.924 | -85.76 | 37.59 | -48.17 | -13.00 | -35.17 | Peak |

| WCDMA Band V RMC 12.2Kbps_Middle Channel | | | | | | | |
|------------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 124.050 | -85.43 | 19.60 | -65.83 | -13.00 | -52.83 | Peak |
| 2 | 274.446 | -86.76 | 24.04 | -62.72 | -13.00 | -49.72 | Peak |
| 3 | 689.051 | -85.79 | 36.02 | -49.77 | -13.00 | -36.77 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 47.037 | -81.67 | 18.00 | -63.67 | -13.00 | -50.67 | Peak |
| 2 | 127.586 | -75.38 | 19.68 | -55.70 | -13.00 | -42.70 | Peak |
| 3 | 665.261 | -86.62 | 35.88 | -50.74 | -13.00 | -37.74 | Peak |

| WCDMA Band V RMC 12.2Kbps_Highest Channel | | | | | | | |
|-------------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 313.648 | -86.69 | 25.60 | -61.09 | -13.00 | -48.09 | Peak |
| 2 | 442.572 | -86.81 | 31.69 | -55.12 | -13.00 | -42.12 | Peak |
| 3 | 628.894 | -86.58 | 35.42 | -51.16 | -13.00 | -38.16 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 46.708 | -82.31 | 18.15 | -64.16 | -13.00 | -51.16 | Peak |
| 2 | 123.181 | -74.45 | 19.57 | -54.88 | -13.00 | -41.88 | Peak |
| 3 | 804.252 | -85.92 | 37.55 | -48.37 | -13.00 | -35.37 | Peak |

Radiated Emission Test Data (Above 1GHz)

| GPRS 850 1Tx-slot_Lowest Channel | | | | | | | |
|----------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 1648.400 | -70.08 | 2.39 | -67.69 | -13.00 | -54.69 | Peak |
| 2 | 2472.600 | -75.41 | 9.16 | -66.25 | -13.00 | -53.25 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 1648.400 | -70.19 | 4.03 | -66.16 | -13.00 | -53.16 | Peak |
| 2 | 2472.600 | -75.67 | 11.49 | -64.18 | -13.00 | -51.18 | Peak |

TEST REPORT

| GPRS 850 1Tx-slot_Middle Channel | | | | | | | |
|----------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 1673.200 | -68.00 | 2.59 | -65.41 | -13.00 | -52.41 | Peak |
| 2 | 2509.800 | -75.26 | 9.17 | -66.09 | -13.00 | -53.09 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 1673.200 | -68.45 | 4.31 | -64.14 | -13.00 | -51.14 | Peak |
| 2 | 2509.800 | -75.54 | 11.46 | -64.08 | -13.00 | -51.08 | Peak |

| GPRS 850 1Tx-slot_Highest Channel | | | | | | | |
|-----------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 1694.016 | -67.57 | 2.75 | -64.82 | -13.00 | -51.82 | Peak |
| 2 | 2546.400 | -75.37 | 9.22 | -66.15 | -13.00 | -53.15 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 1694.016 | -69.04 | 4.55 | -64.49 | -13.00 | -51.49 | Peak |
| 2 | 2546.400 | -76.31 | 11.45 | -64.86 | -13.00 | -51.86 | Peak |

| WCDMA Band V RMC 12.2Kbps_Lowest Channel | | | | | | | |
|------------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 1652.800 | -69.10 | 2.43 | -66.67 | -13.00 | -53.67 | Peak |
| 2 | 2479.200 | -75.58 | 9.16 | -66.42 | -13.00 | -53.42 | Peak |

TEST REPORT

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 1652.800 | -68.21 | 4.08 | -64.13 | -13.00 | -51.13 | Peak |
| 2 | 2479.200 | -74.70 | 11.48 | -63.22 | -13.00 | -50.22 | Peak |

| WCDMA Band V RMC 12.2Kbps_Middle Channel | | | | | | | |
|------------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 1674.504 | -65.89 | 2.59 | -63.30 | -13.00 | -50.30 | Peak |
| 2 | 2509.200 | -75.12 | 9.17 | -65.95 | -13.00 | -52.95 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 1674.504 | -66.20 | 4.32 | -61.88 | -13.00 | -48.88 | Peak |
| 2 | 2509.200 | -75.04 | 11.46 | -63.58 | -13.00 | -50.58 | Peak |

| WCDMA Band V RMC 12.2Kbps_Highest Channel | | | | | | | |
|-------------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 1694.016 | -67.75 | 2.75 | -65.00 | -13.00 | -52.00 | Peak |
| 2 | 2539.800 | -75.82 | 9.22 | -66.60 | -13.00 | -53.60 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 1694.016 | -68.07 | 4.55 | -63.52 | -13.00 | -50.52 | Peak |
| 2 | 2539.800 | -75.83 | 11.45 | -64.38 | -13.00 | -51.38 | Peak |

TEST REPORT

1900 Band

Radiated Emission Test Data (30 MHz to 1 GHz)

| GPRS 1900 1Tx-slot_Lowest Channel | | | | | | | |
|-----------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 47.703 | -65.84 | -11.11 | -76.95 | -13.00 | -63.95 | Peak |
| 2 | 235.135 | -65.46 | -5.29 | -70.75 | -13.00 | -57.75 | Peak |
| 3 | 379.178 | -71.81 | 0.69 | -71.12 | -13.00 | -58.12 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 66.371 | -66.79 | -11.58 | -78.37 | -13.00 | -65.37 | Peak |
| 2 | 99.768 | -67.01 | -10.00 | -77.01 | -13.00 | -64.01 | Peak |
| 3 | 498.730 | -75.58 | 3.84 | -71.74 | -13.00 | -58.74 | Peak |

| GPRS 1900 1Tx-slot_Middle Channel | | | | | | | |
|-----------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 47.703 | -65.50 | -11.11 | -76.61 | -13.00 | -63.61 | Peak |
| 2 | 235.135 | -65.08 | -5.29 | -70.37 | -13.00 | -57.37 | Peak |
| 3 | 679.435 | -77.79 | 6.61 | -71.18 | -13.00 | -58.18 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 64.532 | -64.08 | -11.61 | -75.69 | -13.00 | -62.69 | Peak |
| 2 | 99.768 | -60.41 | -10.00 | -70.41 | -13.00 | -57.41 | Peak |
| 3 | 833.013 | -78.39 | 8.69 | -69.70 | -13.00 | -56.70 | Peak |

TEST REPORT

| GPRS 1900 1Tx-slot_Highest Channel | | | | | | | |
|------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 47.703 | -65.89 | -11.11 | -77.00 | -13.00 | -64.00 | Peak |
| 2 | 235.135 | -65.92 | -5.29 | -71.21 | -13.00 | -58.21 | Peak |
| 3 | 379.178 | -71.58 | 0.69 | -70.89 | -13.00 | -57.89 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 66.371 | -65.92 | -11.58 | -77.50 | -13.00 | -64.50 | Peak |
| 2 | 100.471 | -63.11 | -9.97 | -73.08 | -13.00 | -60.08 | Peak |
| 3 | 498.730 | -75.29 | 3.84 | -71.45 | -13.00 | -58.45 | Peak |

| WCDMA Band II RMC 12.2Kbps_Lowest Channel | | | | | | | |
|-------------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 127.586 | -60.39 | -8.92 | -69.31 | -13.00 | -56.31 | Peak |
| 2 | 190.441 | -64.48 | -6.49 | -70.97 | -13.00 | -57.97 | Peak |
| 3 | 360.977 | -71.75 | -0.35 | -72.10 | -13.00 | -59.10 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 45.095 | -54.83 | -9.97 | -64.80 | -13.00 | -51.80 | Peak |
| 2 | 127.586 | -48.92 | -8.92 | -57.84 | -13.00 | -44.84 | Peak |
| 3 | 186.468 | -62.37 | -6.67 | -69.04 | -13.00 | -56.04 | Peak |

| WCDMA Band II RMC 12.2Kbps_Middle Channel | | | | | | | |
|-------------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 104.064 | -60.68 | -9.87 | -70.55 | -13.00 | -57.55 | Peak |
| 2 | 122.319 | -57.85 | -9.06 | -66.91 | -13.00 | -53.91 | Peak |
| 3 | 181.300 | -64.04 | -6.92 | -70.96 | -13.00 | -57.96 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 46.708 | -50.10 | -10.67 | -60.77 | -13.00 | -47.77 | Peak |
| 2 | 124.925 | -47.17 | -8.99 | -56.16 | -13.00 | -43.16 | Peak |
| 3 | 171.389 | -62.19 | -7.30 | -69.49 | -13.00 | -56.49 | Peak |

| WCDMA Band II RMC 12.2Kbps_Highest Channel | | | | | | | |
|--------------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 45.733 | -67.53 | -10.25 | -77.78 | -13.00 | -64.78 | Peak |
| 2 | 121.462 | -56.07 | -9.08 | -65.15 | -13.00 | -52.15 | Peak |
| 3 | 190.441 | -64.90 | -6.49 | -71.39 | -13.00 | -58.39 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 45.733 | -52.70 | -10.25 | -62.95 | -13.00 | -49.95 | Peak |
| 2 | 121.462 | -48.36 | -9.08 | -57.44 | -13.00 | -44.44 | Peak |
| 3 | 183.866 | -61.23 | -6.80 | -68.03 | -13.00 | -55.03 | Peak |

Radiated Emission Test Data (Above 1GHz)

| GPRS 1900 1Tx-slot_Lowest Channel | | | | | | | |
|-----------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 3700.400 | -72.88 | 13.77 | -59.11 | -13.00 | -46.11 | Peak |
| 2 | 5550.600 | -66.48 | 16.02 | -50.46 | -13.00 | -37.46 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 3700.400 | -68.87 | 15.13 | -53.74 | -13.00 | -40.74 | Peak |
| 2 | 5550.600 | -68.01 | 16.91 | -51.10 | -13.00 | -38.10 | Peak |

TEST REPORT

| GPRS 1900 1Tx-slot_Middle Channel | | | | | | | |
|-----------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 3760.000 | -73.55 | 13.87 | -59.68 | -13.00 | -46.68 | Peak |
| 2 | 5640.000 | -67.55 | 16.10 | -51.45 | -13.00 | -38.45 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 3760.000 | -72.63 | 15.28 | -57.35 | -13.00 | -44.35 | Peak |
| 2 | 5640.000 | -68.01 | 16.97 | -51.04 | -13.00 | -38.04 | Peak |

| GPRS 1900 1Tx-slot_Highest Channel | | | | | | | |
|------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 3819.600 | -71.12 | 13.98 | -57.14 | -13.00 | -44.14 | Peak |
| 2 | 5729.400 | -66.36 | 16.37 | -49.99 | -13.00 | -36.99 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 3819.600 | -68.55 | 15.44 | -53.11 | -13.00 | -40.11 | Peak |
| 2 | 5729.400 | -66.42 | 17.23 | -49.19 | -13.00 | -36.19 | Peak |

| WCDMA Band II RMC 12.2Kbps_Lowest Channel | | | | | | | |
|-------------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 3704.800 | -72.33 | 13.78 | -58.55 | -13.00 | -45.55 | Peak |
| 2 | 5557.200 | -67.72 | 16.01 | -51.71 | -13.00 | -38.71 | Peak |

TEST REPORT

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 3704.800 | -72.17 | 15.14 | -57.03 | -13.00 | -44.03 | Peak |
| 2 | 5557.200 | -67.24 | 16.90 | -50.34 | -13.00 | -37.34 | Peak |

| WCDMA Band II RMC 12.2Kbps_Middle Channel | | | | | | | |
|-------------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 3760.000 | -72.94 | 13.87 | -59.07 | -13.00 | -46.07 | Peak |
| 2 | 5640.000 | -67.54 | 16.10 | -51.44 | -13.00 | -38.44 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 3760.000 | -72.43 | 15.28 | -57.15 | -13.00 | -44.15 | Peak |
| 2 | 5640.000 | -67.37 | 16.97 | -50.40 | -13.00 | -37.40 | Peak |

| WCDMA Band II RMC 12.2Kbps_Highest Channel | | | | | | | |
|--------------------------------------------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| Horizontal | | | | | | | |
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 3815.200 | -69.38 | 13.97 | -55.41 | -13.00 | -42.41 | Peak |
| 2 | 5722.800 | -66.67 | 16.35 | -50.32 | -13.00 | -37.32 | Peak |

| Vertical | | | | | | | |
|----------|-----------------|---------------|------------------------|--------------|-------------|-------------|--------|
| No. | Frequency (MHz) | Reading (dBm) | Correction factor (dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark |
| 1 | 3815.200 | -69.82 | 15.43 | -54.39 | -13.00 | -41.39 | Peak |
| 2 | 5722.800 | -67.03 | 17.21 | -49.82 | -13.00 | -36.82 | Peak |

Remark:

- 1) All tested is under the condition of the main wave is filtered out.

Appendix A: Test equipment list

| Used | Equipment | Manufacturer | Model No. | Serial Number | Cal. date (mm dd, yyyy) | Cal. Due date (mm dd, yyyy) |
|-------------------------------------|-----------------------------------|---------------|------------|----------------------------|-------------------------|-----------------------------|
| <input checked="" type="checkbox"/> | 3M Chamber & Accessory Equipment | ETS-LINDGREN | 3M | N/A | Dec. 03, 2018 | Dec. 03, 2021 |
| <input checked="" type="checkbox"/> | Receiver | R&S | ESIB26 | 100114 | Nov. 24, 2018 | Nov. 24, 2019 |
| <input type="checkbox"/> | Loop Antenna | ETS-LINDGREN | 6502 | 00202525 | Dec. 03, 2018 | Dec. 03, 2019 |
| <input checked="" type="checkbox"/> | Broadband Antenna | ETS-LINDGREN | 3142E | 00201566 | Dec. 08, 2018 | Dec. 08, 2019 |
| <input checked="" type="checkbox"/> | 6dB Attenuator | Talent | RA6A5-N-18 | 18103001 | Dec. 08, 2018 | Dec. 08, 2019 |
| <input checked="" type="checkbox"/> | Preamplifier | HP | 8447F | 2805A02960 | Nov. 24, 2018 | Nov. 24, 2019 |
| <input checked="" type="checkbox"/> | Broadband Antenna (Pre-amplifier) | ETS-LINDGREN | 3142E-PA | 00201891 | May 19, 2018 | May 19, 2019 |
| <input checked="" type="checkbox"/> | 6dB Attenuator | Talent | RA6A5-N-18 | 18103002 | Nov. 24, 2018 | Nov. 24, 2019 |
| <input checked="" type="checkbox"/> | Horn Antenna | ETS-LINDGREN | 3117 | 00164202 | Dec. 08, 2018 | Dec. 08, 2019 |
| <input checked="" type="checkbox"/> | Horn Antenna (Pre-amplifier) | ETS-LINDGREN | 3117-PA | 00201874 | May 22, 2018 | May 22, 2019 |
| <input checked="" type="checkbox"/> | Horn Antenna | ETS-LINDGREN | 3116C | 00200180 | May 20, 2018 | May 20, 2019 |
| <input checked="" type="checkbox"/> | Horn Antenna (Pre-amplifier) | ETS-LINDGREN | 3116C-PA | 00202652 | Dec. 08, 2018 | Dec. 08, 2018 |
| <input checked="" type="checkbox"/> | Multi device Controller | ETS-LINDGREN | 7006-001 | 00160105 | N/A | N/A |
| <input checked="" type="checkbox"/> | Highpass Filter (1.2GHz~18GHz) | Micro-Tronics | HPM50108 | G552 | Nov. 29, 2018 | Nov. 29, 2019 |
| <input checked="" type="checkbox"/> | Highpass Filter (3GHz~18GHz) | Micro-Tronics | HPM50117 | G005 | Nov. 29, 2018 | Nov. 29, 2019 |
| <input checked="" type="checkbox"/> | Test Software | Audix | e3 | Software Version: 9.160333 | | |

Appendix B: Measurement Uncertainty

| No. | Item | Measurement Uncertainty |
|------------|-------------------------------|--------------------------------|
| 1 | Radiated emission 9KHz-30MHz | ±4.9 dB |
| 2 | Radiated emission 30MHz-1GHz | ±4.7 dB |
| 3 | Radiated emission 1GHz-18GHz | ±5.1 dB |
| 4 | Radiated emission 18GHz-26GHz | ±5.2 dB |
| 5 | Radiated emission 26GHz-40GHz | ±5.2 dB |