

47 CFR PART 15 SUBPART B

TEST REPORT

of

Pulsare Advanced

Model Name:

GD850P

Brand Name:

(n.a)

Report No.:

SZ07060035E01

FCC ID:

VJMGD850P

prepared for

Narbitec LLC

2010 NW 84th Avenue Miami, Fl 33122

Shenzhen Electronic Product Quality Testing Center

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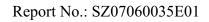




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1. TEST CERTIFICATION

Equipment under Test: Pulsare Advanced

Brand Name: (n.a)
Model Name: GD850P

FCC ID: VJMGD850P Applicant: Narbitec LLC

2010 NW 84th Avenue Miami, Fl 33122

Manufacturer: FUNCTION ATI (HUIZHOU) TELECOMMUNICATIONS CO.,LTD.

No.8, Huitai Road, Huitai Industrial Zone, Huizhou, Guangdong Province,

China

Test Standards: 47 CFR Part 15 Subpart B

Test Date(s): August 1, 2007 - August 9, 2007

Test Result: PASS

* We Hereby Certify That:

The equipment under test was tested by Shenzhen Electronic Product Quality Testing Center Morlab Laboratory. The test data, data evaluation, test procedures and equipment configurations shown in this report were made in accordance with the requirement of related FCC rules.

The test results of this report only apply for the tested sample equipment identified above. The test report shall be invalid without all the signatures of the test engineer, the reviewer and the approver.

Tested by:

Luo Biao

Reviewed by:

Wei Yanquan

Shu Luan

Approved by: ..

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2. GENERAL INFORMATION

2.1 EUT Description

EUT Type GSM Wireless telephone

Model Name..... GD850P

Serial No. (n.a, marked #1 by test site)

Hardware Version...... VER:1.0

Software Version VER: 2007.7.9 9:25

Modulation Type GMSK Power Supply Battery

Brand name: (n.a)

Mode no.: NI-MI AA1300mAH

Capacitance: 1300mAh Rated voltage: 3.8V

Manufacturer: DESAY BATTERY

Manufacturer Address: Huitai Industrial Zone, Huizhou, Guangdong

Province, China

Ancillary Equipment 1... AC Adapter (Charger for Battery)

Model Name: BI13-120100-E

Brand Name: (n.a)

Serial No.: (n.a. marked #1 by test site)
Rated Input: ~ 100-240V, 0.2A,50/60Hz

Rated Output: = 5V, 800mA

Manufacturer: Chou Shen Sheng Electronics (Shen Zhen) CO.,ltd

Manufacturer Address: 3rd B1dg, Xin Wei 2nd Ind, Zone, JIANG Shi, Gong

Ming, Bao An, Shen Zhen, Guang Dong, China.

Wire Length: 350cm

Ancillary Equipment 2 Remote Display Unit

Model Name: RC-712 Brand Name: (n.a)

Serial No.: (n.a. marked #1 by test site)

Manufacturer: FUNCTION ATI (HUIZHOU) TELECOMMUNICATIONS

CO., LTD.

Manufacturer Address: No.8, Huitai Road, Huitai Industrial Zone, Huizhou,

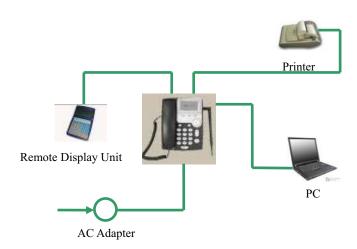
Guangdong Province, China

Power Supply: The Remote Display Unit is powered by Telephone (EUT) via the cable which plug to the RJ-45 port on the back of the telephone

(EUT).



Test Sample Sketch



- *Note 1:* The EUT is a GSM/GPRS Wireless telephone; it supports GSM 850MHz, 900MHz, 1800MHz, 1900MHz. GSM 850MHz, 1900MHz and GPRS model are tested in this report.
- Note 2: The Remote Display Unit is a controller of outlay calculated for Telephone (EUT).
- *Note 3:* The EUT can print the outlay list by direct connected the Printer; and this configuration will be test in this report.
- *Note 4:* The PC connected to the EUT via USB cable and that can connected the wireless network by GPRS of the EUT.
- *Note 5:* For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



2.2 Test Standards and Results

The objective of the report is to perform testing according to 47 CFR Part 15 Subpart B:

| No. | Identity | Document Title |
|-----|-------------------|-------------------------|
| 1 | 47 CFR Part 15 | Radio Frequency Devices |
| | (10-1-05 Edition) | |

Test detailed items/section required by FCC rules and results are as below:

| No. | Section | Description | Result |
|-----|---------|--------------------|--------|
| 1 | 15.107 | Conducted Emission | PASS |
| 2 | 15.109 | Radiated Emission | PASS |

NOTE:

The tests were performed according to the method of measurements prescribed in ANSI C63.4 2003.



2.3 Facilities and Accreditations

2.3.1 Facilities

Shenzhen Electronic Product Quality Testing Center Morlab Laboratory is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L1659.

All measurement facilities used to collect the measurement data are located at Electronic Testing Building, Shahe Road, Xili, Nanshan District, Shenzhen 518055 CHINA. The test site is constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 22; the FCC registration number is 741109.

2.3.2 Test Environment Conditions

During the measurement, the environmental conditions were within the listed ranges:

| Temperature (°C): | 20 - 25 |
|-----------------------------|---------|
| Relative Humidity (%): | 40 - 60 |
| Atmospheric Pressure (kPa): | 960 |



3. TEST CONDITIONS SETTING

3.1 Test Mode

During the measurement, there are four Test Modes that will be tested in Conducted Emission and Radiated Emission. These test modes are showed as below:

(1) The first test mode

The EUT configuration of the emission tests is <u>EUT + Battery + Charger</u>.

In this test mode, the EUT will be working under the Traffic operating mode and Idle operating mode, and these operating mode are performed, only the worst cases are recorded in this report.

During the measurement of Traffic operating mode, a communication link was established between the EUT and a System Simulator (SS). The EUT operated at GSM 850MHz mid ARFCN (190) and maximum output power (level 5).

(2) The second test mode

The EUT configuration of the emission tests is EUT + Battery + Charger.

In this test mode, a GPRS link was established between the EUT and a System Simulator (SS); date was transmitted between EUT and System Simulator (SS), and maintained during the measurement.

(3) The third test mode

The EUT configuration of the emission tests is EUT + Battery + Charger+ PC.

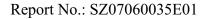
The PC connected to the EUT via USB cable and that can connected the wireless network by GPRS of the EUT.

During the test, the charger was connected to the EUT, simultaneity; the PC power supply was connected to the PC.

(4) The fourth test mode

The EUT configuration of the emission tests is EUT + Battery + Charger + Printer.

.During the test, the EUT will prints the outlay list by directs connected the Printer until test finish. The charger was connected to the EUT, simultaneity; the Printer power supply was connected to the Printer.

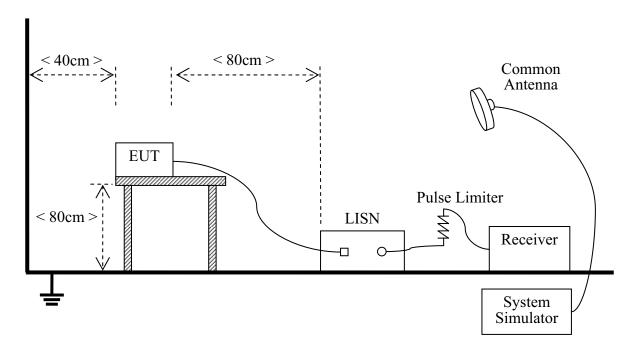




3.2 Test Setup and Equipments List

3.2.1 Conducted Emission

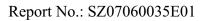
A. Test Setup:



The EUT is placed on a 0.8m high insulating table, which stands on the grounded conducting floor, and keeps 0.4m away from the grounded conducting wall. The EUT is connected to the power mains through a LISN which provides $50\Omega/50\mu H$ of coupling impedance for the measuring instrument. The Common Antenna is used for the call between the EUT and the System Simulator (SS). A Pulse Limiter is used to protect the measuring instrument. The factors of the whole test system are calibrated to correct the reading.

B. Equipments List:

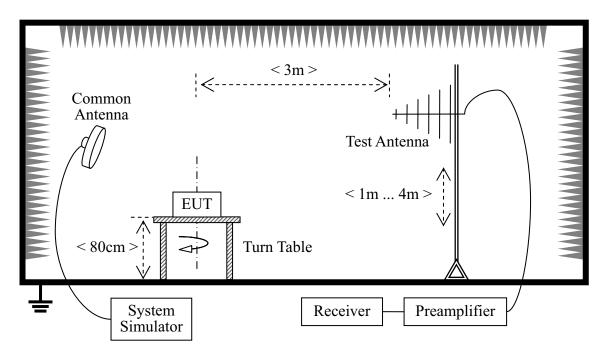
| Description | Manufacturer | Model | Serial No. | Cal. Date | Cal. Due |
|----------------------|--------------|-----------------|---------------|-----------|----------|
| Receiver | Agilent | E7405A | US44210471 | 2007.07 | 1year |
| LISN | Schwarzbeck | NSLK 8127 | 812744 | 2006.08 | 1 year |
| Pulse Limiter (20dB) | Schwarzbeck | VTSD 9561-D | 9391 | (n.a.) | (n.a.) |
| System Simulator | Agilent | E5515C | GB43130131 | 2007.06 | 1year |
| Personal Computer | HP | Pavilion ze2202 | CNF5460DNL | (n.a.) | (n.a.) |
| Bluetooth-Headset | Nokia | HS-36W | (n.a.) | (n.a.) | (n.a.) |
| Wireless Router | (n.a.) | D-Link | BN64448000052 | (n.a.) | (n.a.) |
| T-Flash Card | SanDisk | 256MB | (n.a.) | (n.a.) | (n.a.) |





3.2.2 Radiated Emission

C. Test Setup:



The test is performed in a 3m Semi-Anechoic Chamber; the antenna factor, cable loss and so on of the site (factors) is calculated to correct the reading. The EUT is placed on a 0.8m high insulating Turn Table, and keeps 3m away from the Test Antenna, which is mounted on a variable-height antenna master tower. The Common Antenna is used for the call between the EUT and the System Simulator (SS).

D. Equipments List:

| Description Manufacturer | | Model | Serial No. | Cal. | Cal. Due |
|--------------------------|-------------|-----------------|---------------|---------|----------|
| | | | | Date | |
| Receiver | Agilent | E7405A | US44210471 | 2007.07 | 1year |
| Full-Anechoic | Albatross | 9m*6m*6m | (n.a.) | 2006.08 | 2year |
| Chamber | | | | | |
| Test Antenna - Bi-Log | Schwarzbeck | VULB 9163 | 9163-274 | 2007.07 | 1 year |
| Test Antenna - Horn | Schwarzbeck | BBHA 9120C | 9120C-384 | 2007.07 | 1year |
| System Simulator | Agilent | E5515C | GB43130131 | 2007.06 | 1year |
| Personal Computer | HP | Pavilion ze2202 | CNF5460DNL | (n.a.) | (n.a.) |
| Wireless Router | (n.a.) | D-Link | BN64448000052 | (n.a.) | (n.a.) |
| Bluetooth-Headset | Nokia | HS-36W | (n.a.) | (n.a.) | (n.a.) |
| T-Flash Card | SanDisk | 256MB | (n.a.) | (n.a.) | (n.a.) |



4. 47 CFR PART 15B REQUIREMENTS

4.1 Conducted Emission

4.1.1 Requirement

According to FCC section 15.107, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150kHz to 30MHz shall not exceed the limits in the following table, as measured using a $50\mu\text{H}/50\Omega$ line impedance stabilization network (LISN).

| Eraguanay ranga (MUz) | Conducted Limit (dBµV) | | | | |
|-----------------------|------------------------|----------|--|--|--|
| Frequency range (MHz) | Quai-peak | Average | | | |
| 0.15 - 0.50 | 66 to 56 | 56 to 46 | | | |
| 0.50 - 5 | 56 | 46 | | | |
| 0.50 - 30 | 60 | 50 | | | |

NOTE:

- a) The limit subjects to the Class B digital device.
- b) The lower limit shall apply at the band edges.
- c) The limit decreases linearly with the logarithm of the frequency in the range 0.15 0.50MHz.

4.1.2 Test Description

See section 3.2.1 of this report.

4.1.3 Test Result

The maximum conducted interference is searched using Peak (PK), Quasi-peak (QP) and Average (AV) detectors; the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. All test modes are considered, refer to recorded points and plots below.

4.1.3.1 The first test mode

The EUT configuration of the emission tests is EUT + Battery + Charger.

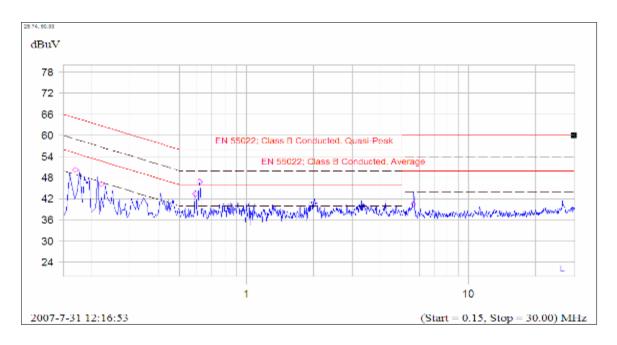
A. Test Verdict Recorded for Suspicious Points:

| No. | @Frequency | ### Measured Emission Level (dBμV) | | | | | Limit (dBµV) | | |
|------|------------|------------------------------------|------|------|-------|------|--------------|---------|--|
| INO. | (MHz) | PK | QP | AV | Phase | QP | AV | Verdict | |
| 1 | 0.170 | 50.2 | 46.7 | 29.1 | L | 64.9 | 56.9 | PASS | |



| NI. | @Frequency | Meası | ured Emission | n Level (dBµ | ıV) | Limit (| Vandiat | |
|-----|------------|--------|---------------|--------------|-------|---------|---------|---------|
| No. | (MHz) | PK | QP | AV | Phase | QP | AV | Verdict |
| 2 | 0.222 | 46.2 | 41.0 | 27.1 | L | 62.7 | 52.7 | PASS |
| 3 | 0.589 | 43.4 | 41.6 | 32.9 | L | 56.0 | 46.0 | PASS |
| 4 | 0.616 | 46.8 | 45.0 | 34.3 | L | 56.0 | 46.0 | PASS |
| 5 | 5.648 | 40.4 | 35.8 | 28.1 | L | 60.0 | 50.0 | PASS |
| 6 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | L | (n.a.) | (n.a.) | (n.a.) |
| 7 | 1.191 | 50.6 | 45.9 | 29.0 | N | 64.0 | 54.0 | PASS |
| 8 | 0.591 | 43.9 | 41.6 | 32.9 | N | 56.0 | 46.0 | PASS |
| 9 | 0.614 | 46.7 | 44.8 | 34.5 | N | 56.0 | 46.0 | PASS |
| 10 | 1.192 | 38.1 | 31.2 | 24.8 | N | 56.0 | 46.0 | PASS |
| 11 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |
| 12 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |

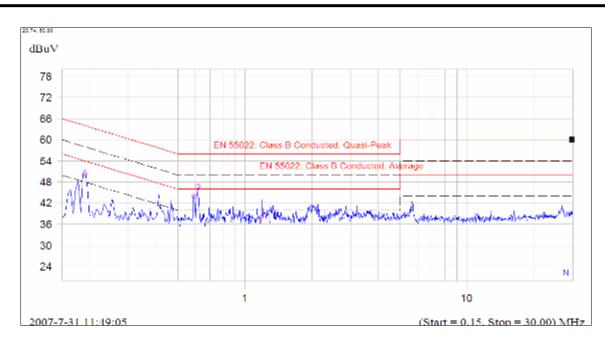
B. Test Plot:



(Plot A: L Phase)







(Plot B: N Phase)

4.1.3.2 The second test mode

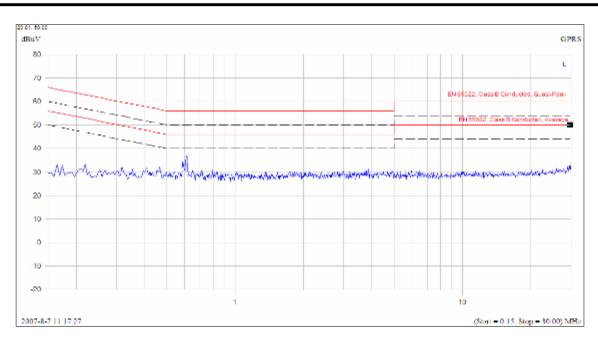
The EUT configuration of the emission tests is <u>EUT + Battery + Charger</u>.

A. Test Verdict Recorded for Suspicious Points:

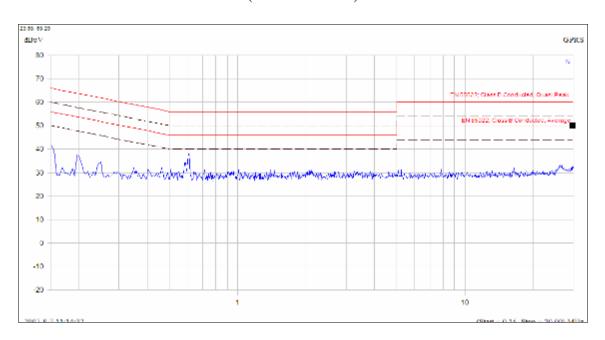
| No. | @Frequency | Meası | Limit (dBµV) | | Verdict | | | |
|------|------------|--------|--------------|--------|---------|--------|--------|---------|
| INO. | (MHz) | PK | QP | AV | Phase | QP | AV | Verdict |
| 1 | 0.589 | 34.3 | (n.a.) | (n.a.) | L | 56.0 | 46.0 | PASS |
| 2 | 0.610 | 36.8 | (n.a.) | (n.a.) | L | 56.0 | 46.0 | PASS |
| 3 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | L | (n.a.) | (n.a.) | (n.a.) |
| 4 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | L | (n.a.) | (n.a.) | (n.a.) |
| 5 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | L | (n.a.) | (n.a.) | (n.a.) |
| 6 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | L | (n.a.) | (n.a.) | (n.a.) |
| 7 | 0.587 | 35.0 | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |
| 8 | 0.610 | 38.3 | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |
| 9 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |
| 10 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |
| 11 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |
| 12 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |

B. Test Plot:





(Plot A: L Phase)



(Plot B: N Phase)

4.1.3.3 The third test mode

The EUT configuration of the emission tests is <u>EUT + Battery + Charger+ PC</u>.

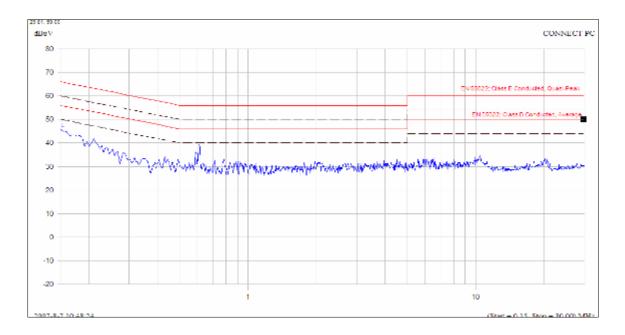
A. Test Verdict Recorded for Suspicious Points:

| No. | @Frequency | requency Measured Emission Level (dBµV) | | | | | dBμV) | Vardiat |
|------|------------|---|----|----|-------|----|-------|---------|
| INO. | (MHz) | PK | QP | AV | Phase | QP | AV | Verdict |



| No | @Frequency | Measi | Limit (| (dBµV) | Vandiat | | | |
|-----|------------|--------|---------|--------|---------|--------|--------|---------|
| No. | (MHz) | PK | QP | AV | Phase | QP | AV | Verdict |
| 1 | 0.587 | 36.4 | (n.a.) | (n.a.) | L | 56.0 | 46.0 | PASS |
| 2 | 0.610 | 39.3 | (n.a.) | (n.a.) | L | 56.0 | 46.0 | PASS |
| 3 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | L | (n.a.) | (n.a.) | (n.a.) |
| 4 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | L | (n.a.) | (n.a.) | (n.a.) |
| 5 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | L | (n.a.) | (n.a.) | (n.a.) |
| 6 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | L | (n.a.) | (n.a.) | (n.a.) |
| 7 | 0.587 | 37.6 | (n.a.) | (n.a.) | N | 56.0 | 46.0 | PASS |
| 8 | 0.605 | 40.0 | (n.a.) | (n.a.) | N | 56.0 | 46.0 | PASS |
| 9 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |
| 10 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |
| 11 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |
| 12 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |

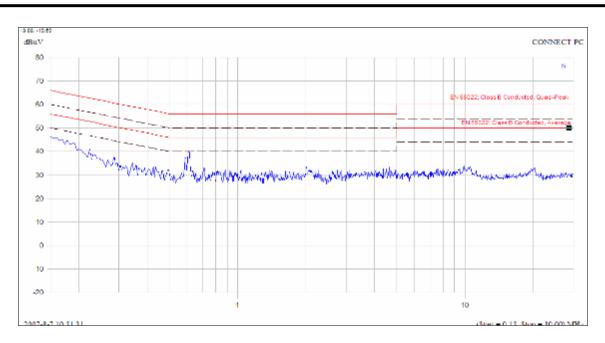
B. Test Plot:



(Plot A: L Phase)







(Plot B: N Phase)

4.1.3.4 The fourth test mode

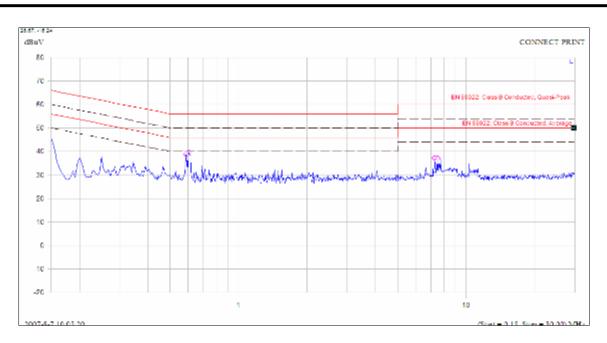
The EUT configuration of the emission tests is $\underline{EUT + Battery + Charger + Printer}$.

A. Test Verdict Recorded for Suspicious Points:

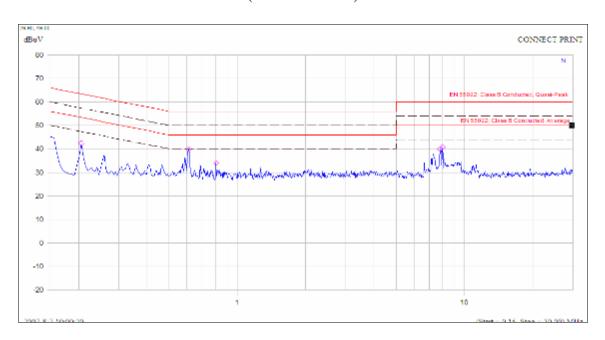
| No. | @Frequency | Meası | ured Emission | n Level (dBµ | ιV) | Limit (dBµV) | | Verdict |
|------|------------|--------|---------------|--------------|-------|--------------|--------|---------|
| INO. | (MHz) | PK | QP | AV | Phase | QP | AV | verdict |
| 1 | 0.587 | 38.9 | (n.a.) | (n.a.) | L | 56.0 | 46.0 | PASS |
| 2 | 0.605 | 39.5 | (n.a.) | (n.a.) | L | 56.0 | 46.0 | PASS |
| 3 | 7.282 | 37.3 | (n.a.) | (n.a.) | L | 60.0 | 50.0 | PASS |
| 4 | 7.508 | 37.1 | (n.a.) | (n.a.) | L | 60.0 | 50.0 | PASS |
| 5 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | L | (n.a.) | (n.a.) | (n.a.) |
| 6 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | L | (n.a.) | (n.a.) | (n.a.) |
| 7 | 0.205 | 42.3 | (n.a.) | (n.a.) | N | 63.3 | 53.3 | PASS |
| 8 | 0.610 | 39.9 | (n.a.) | (n.a.) | N | 56.0 | 46.0 | PASS |
| 9 | 0.803 | 34.0 | (n.a.) | (n.a.) | N | 56.0 | 46.0 | PASS |
| 10 | 7.795 | 39.9 | (n.a.) | (n.a.) | N | 60.0 | 50.0 | PASS |
| 11 | 8.034 | 40.8 | (n.a.) | (n.a.) | N | 60.0 | 50.0 | PASS |
| 12 | (n.a.) | (n.a.) | (n.a.) | (n.a.) | N | (n.a.) | (n.a.) | (n.a.) |

B. Test Plot:





(Plot A: L Phase)



(Plot B: N Phase)



4.2 Radiated Emission

4.2.1 Requirement

According to FCC section 15.109, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

| Fraguenay ranga (MHz) | Field Strength | | | | |
|-----------------------|----------------|--------|--|--|--|
| Frequency range (MHz) | $\mu V/m$ | dBμV/m | | | |
| 30 - 88 | 100 | 40 | | | |
| 88 - 216 | 150 | 43.5 | | | |
| 216 - 960 | 200 | 46 | | | |
| Above 960 | 500 | 54 | | | |

NOTE:

- a) Field Strength ($dB\mu V/m$) = 20*log[Field Strength ($\mu V/m$)].
- b) In the emission tables above, the tighter limit applies at the band edges.

4.2.2 Test Description

See section 3.2.2 of this report.

4.2.3 Test Result

The maximum radiated emission is searched using PK, QP and AV detectors; the emission levels more than the limits, and that have narrow margins from the limits will be re-measured with AV and QP detectors. Both the vertical and the horizontal polarizations of the Test Antenna are considered to perform the tests. All test modes are considered, refer to recorded points and plots below.

4.2.3.1 The first test mode

The EUT configuration of the emission tests is EUT + Battery + Charger.

A. Test Verdict Recorded for Suspicious Points:

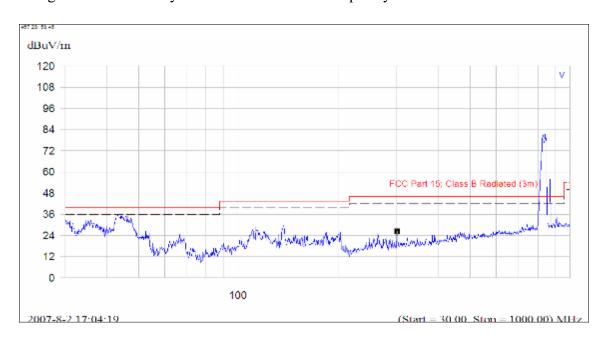
| No. | @Frequency | E | Emission Leve | Quasi-Peak | Result | |
|------|------------|-------|---------------|----------------------|----------------|--------|
| INO. | (MHz) | PK | QP | Antenna Polarization | Limit (dBµV/m) | Result |
| 1 | 44.393 | 37.4 | 33.2 | Vertical | 40 | PASS |
| 2 | 113.029 | 32.2 | 25.7 | Vertical | 40 | PASS |
| 3 | 136.663 | 31.5 | 24.7 | Vertical | 40 | PASS |
| 4 | (n.a) | (n.a) | (n.a) | Vertical | (n.a) | (n.a) |
| 5 | (n.a) | (n.a) | (n.a) | Vertical | (n.a) | (n.a) |
| 6 | (n.a) | (n.a) | (n.a) | Vertical | (n.a) | (n.a) |



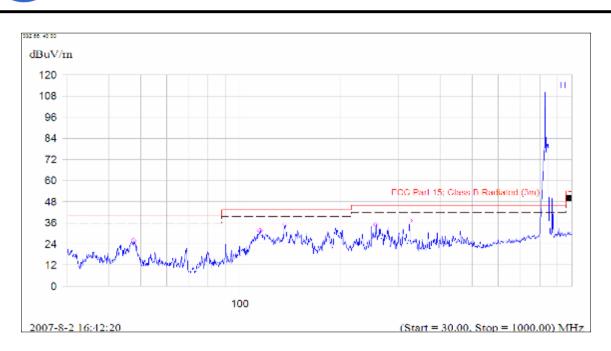
| Nia | @Frequency | E | Emission Leve | Quasi-Peak | D a sult | |
|-----|------------|-------|---------------|----------------------|----------------|--------|
| No. | (MHz) | PK | QP | Antenna Polarization | Limit (dBµV/m) | Result |
| 7 | 47.652 | 25.8 | | Horizontal | 40 | PASS |
| 8 | 114.468 | 31.6 | | Horizontal | 43.6 | PASS |
| 9 | 136.400 | 35.3 | 30.0 | Horizontal | 43.6 | PASS |
| 10 | 256.620 | 35.0 | | Horizontal | 46 | PASS |
| 11 | 323.989 | 37.3 | 31.3 | Horizontal | 46 | PASS |
| 12 | (n.a) | (n.a) | (n.a) | Horizontal | (n.a) | (n.a) |

B. Test Plot:

Note: Following is the plots for emission measurement; please note that marked spikes with circle should be ignored because they are MS and SS carrier frequency.



(Plot A: Test Antenna Vertical)



(Plot B: Test Antenna Horizontal)

4.2.3.2 The second test mode

The EUT configuration of the emission tests is <u>EUT + Battery + Charger</u>.

A. Test Verdict Recorded for Suspicious Points:

| No. | @Frequency | E | Emission Leve | l (dBµV/m) | Quasi-Peak | Result |
|------|------------|-------|---------------|----------------------|----------------|--------|
| 100. | (MHz) | PK | QK | Antenna Polarization | Limit (dBµV/m) | Result |
| 1 | 46.190 | 36.3 | 32.4 | Vertical | 40 | PASS |
| 2 | 137.418 | 31.0 | 25.4 | Vertical | 43.6 | PASS |
| 3 | (n.a) | (n.a) | (n.a) | Vertical | (n.a) | (n.a) |
| 4 | (n.a) | (n.a) | (n.a) | Vertical | (n.a) | (n.a) |
| 5 | (n.a) | (n.a) | (n.a) | Vertical | (n.a) | (n.a) |
| 6 | (n.a) | (n.a) | (n.a) | Vertical | (n.a) | (n.a) |
| 7 | 45.972 | 34.5 | | Horizontal | 40 | PASS |
| 8 | 113.088 | 31.6 | | Horizontal | 43.6 | PASS |
| 9 | 136.440 | 31.8 | | Horizontal | 43.6 | PASS |
| 10 | 323.136 | 35.2 | | Horizontal | 46 | PASS |
| 11 | (n.a) | (n.a) | (n.a) | Horizontal | (n.a) | (n.a) |
| 12 | (n.a) | (n.a) | (n.a) | Horizontal | (n.a) | (n.a) |

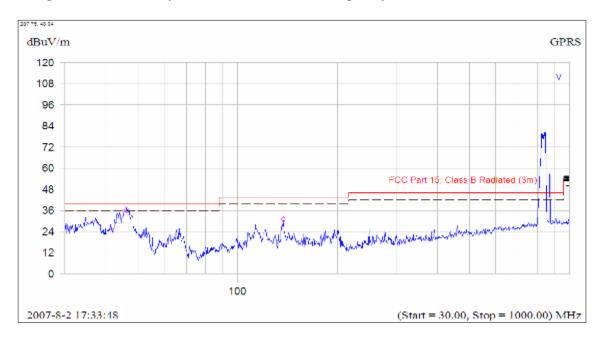
B. Test Plot:

Note: Following is the plots for emission measurement; please note that marked spikes with circle

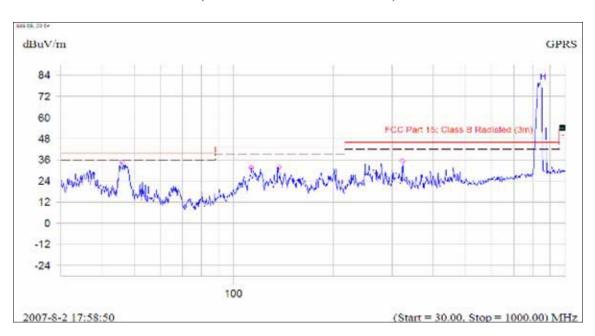




should be ignored because they are MS and SS carrier frequency.



(Plot A: Test Antenna Vertical)



(Plot B: Test Antenna Horizontal)

4.2.3.3 The third test mode

The EUT configuration of the emission tests is <u>EUT + Battery + Charger+ PC</u>.

A. Test Verdict Recorded for Suspicious Points:

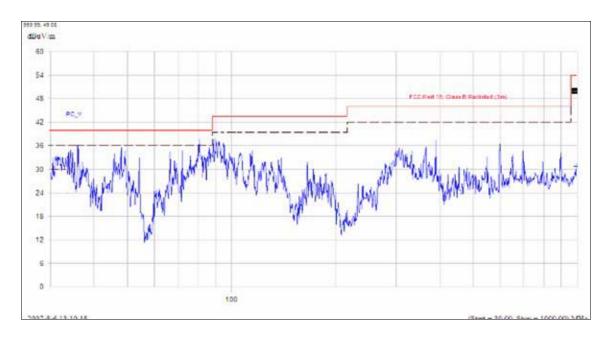
| No. | @Frequency | Emission Level (dBμV/m) | Quasi-Peak | Result |
|-----|------------|-------------------------|------------|--------|
|-----|------------|-------------------------|------------|--------|



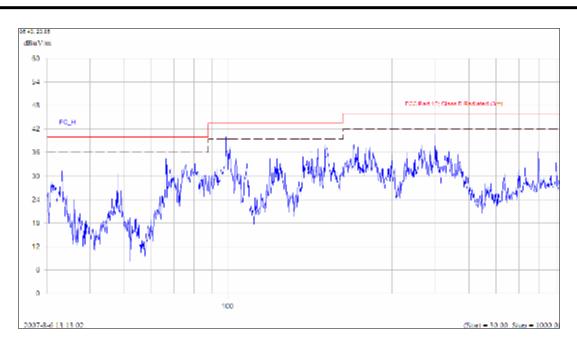
| | | PK | QK | Antenna Polarization | | |
|----|---------|-------|-------|----------------------|-------|-------|
| 1 | 48.012 | 35.5 | | Vertical | 40 | PASS |
| 2 | 80.676 | 37.7 | | Vertical | 40 | PASS |
| 3 | 88.716 | 37.8 | | Vertical | 43.6 | PASS |
| 4 | 114.648 | 34.7 | | Vertical | 43.6 | (n.a) |
| 5 | 389.892 | 37.4 | | Vertical | 46 | (n.a) |
| 6 | (n.a) | (n.a) | (n.a) | Vertical | (n.a) | (n.a) |
| 7 | 66.504 | 36.3 | | Horizontal | 40 | PASS |
| 8 | 68.424 | 32.1 | | Horizontal | 40 | PASS |
| 9 | 132.540 | 34.5 | | Horizontal | 43.6 | PASS |
| 10 | 165.912 | 35.7 | | Horizontal | 43.6 | PASS |
| 11 | 232.488 | 38.0 | | Horizontal | 46 | PASS |
| 12 | 400.932 | 40.7 | | Horizontal | 46 | PASS |

B. Test Plot:

Note: Following is the plots for emission measurement; please note that marked spikes with circle should be ignored because they are MS and SS carrier frequency.



(Plot A: Test Antenna Vertical)



(Plot B: Test Antenna Horizontal)

4.2.3.4 The fourth test mode

The EUT configuration of the emission tests is <u>EUT + Battery + Charger + Printer</u>.

A. Test Verdict Recorded for Suspicious Points:

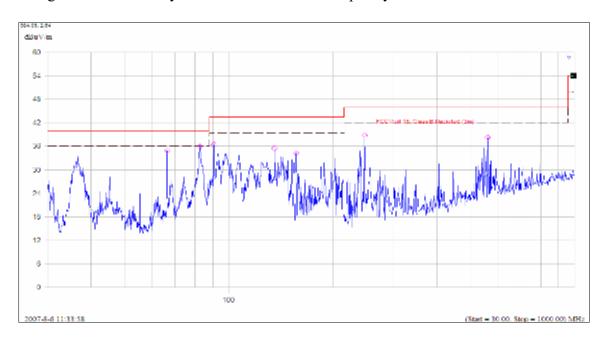
| No. | @Frequency | @Frequency Emission Level (dBμV/m) | | | | Result |
|------|------------|------------------------------------|-------|----------------------|----------------|--------|
| INO. | (MHz) | PK | QK | Antenna Polarization | Limit (dBµV/m) | Kesuit |
| 1 | 66.444 | 34.9 | | Vertical | 40 | PASS |
| 2 | 82.656 | 35.9 | | Vertical | 40 | PASS |
| 3 | 90.576 | 36.4 | | Vertical | 43.6 | PASS |
| 4 | 135.780 | 35.4 | | Vertical | 43.6 | PASS |
| 5 | 156.852 | 34.2 | | Vertical | 43.6 | PASS |
| 6 | 247.380 | 38.8 | | Vertical | 46 | PASS |
| 7 | 135.600 | 34.3 | | Horizontal | 43.6 | PASS |
| 8 | 148.080 | 34.1 | | Horizontal | 43.6 | PASS |
| 9 | 165.732 | 33.4 | | Horizontal | 43.6 | PASS |
| 10 | 203.616 | 37.2 | | Horizontal | 43.6 | PASS |
| 11 | 257.220 | 39.2 | | Horizontal | 46 | PASS |
| 12 | (n.a) | (n.a) | (n.a) | Horizontal | (n.a) | (n.a) |

B. Test Plot:

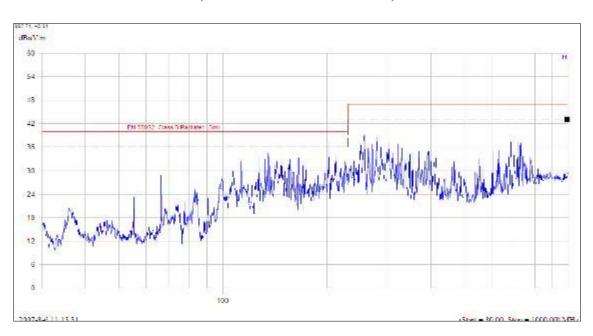
Note: Following is the plots for emission measurement; please note that marked spikes with circle



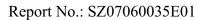
should be ignored because they are MS and SS carrier frequency.



(Plot A: Test Antenna Vertical)



(Plot B: Test Antenna Horizontal)



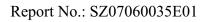


5. PHOTOS OF THE EUT

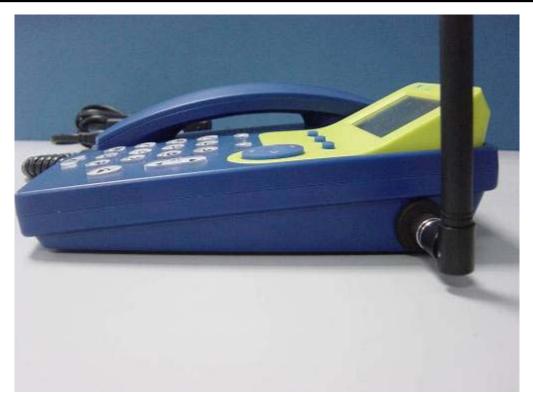
1. Appearance of the EUT:



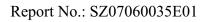








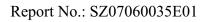








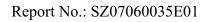












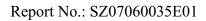




2. Accessory and EUT



3. Inside of the EUT











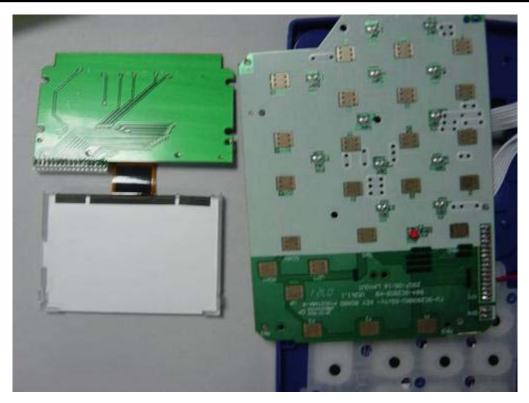


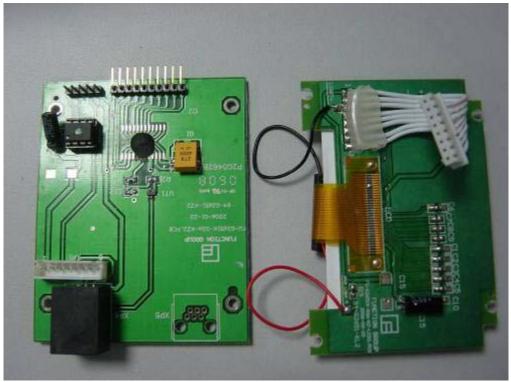


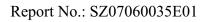




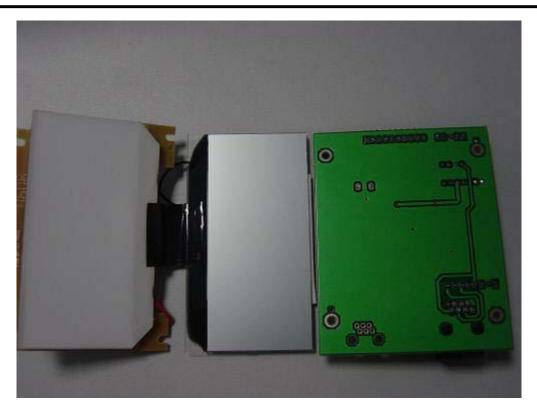


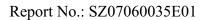












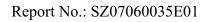


6. PHOTOS OF TEST SETUP

1. Conducted Emission





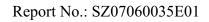






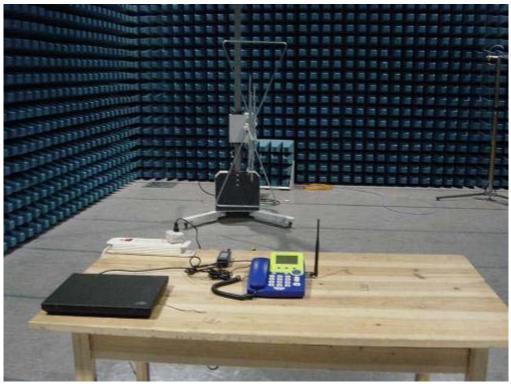
2. Radiated Emission











** END OF REPORT **