

Report No: GTSE11090077602

FCC REPORT (Mobile phone)

Applicant: Zonda Corporation, S.A. de C.V

Address of Applicant: Schiller 329 Street, Chapultepec Morales, Zip code 11560,

Mexico City, Mexico

Equipment Under Test (EUT)

GSM MOBILE PHONE Product Name:

Model No.: ZMCK895

Trade mark: **ZONDA**

FCC ID: YAUZMCK895

Applicable standards: FCC CFR Title 47 Part 2: 2010

> FCC CFR Title 47 Part22 Subpart H: 2010 FCC CFR Title 47 Part24 Subpart E: 2010

Date of sample receipt: Sep. 9, 2011

Date of Test: Sep. 20, 2011

Date of report issued: Sep. 21, 2011

Test Result: PASS *

In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Robinson Lo Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the GTS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of GTS International Electrical Approvals or testing done by GTS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by GTS International Electrical Approvals in writing.

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Report No: GTSE11090077602

2 Version

| Version No. | Date | Description |
|-------------|---------------|-------------|
| 00 | Sep. 21, 2011 | Original |
| | | |
| | | |
| | | |
| | | |

| Prepared by: | Collan. He | Date: | Sep. 21, 2011 | |
|--------------|------------------|-------|---------------|--|
| | Project Engineer | | | |
| Reviewed by: | Hans. Hu | Date: | Sep. 21, 2011 | |
| | Reviewer | | | |



Report No: GTSE11090077602

3 Contents

| | F | Page | | | | |
|---|--|-------------|--|--|--|--|
| | COVER PAGE | | | | | |
| | VERSION | | | | | |
| 3 (| B CONTENTS | | | | | |
| 4 1 | TEST SUMMARY | 5 | | | | |
| 5 (| GENERAL INFORMATION | 6 | | | | |
| 5.1 5.2 5.3 5.4 5.5 5.6 5.7 | CLIENT INFORMATION GENERAL DESCRIPTION OF E.U.T. RELATED SUBMITTAL(S) / GRANT (S) TEST METHODOLOGY TEST FACILITY TEST LOCATION TEST INSTRUMENTS LIST | 6 6 | | | | |
| 6 5 | SYSTEM TEST CONFIGURATION | 9 | | | | |
| | TEST PROCEDURE | 9 9 9 | | | | |
| 7 F | RF POWER OUTPUT MEASUREMENT | 11 | | | | |
| 7.1 7.2 7.3 7.4 | STANDARD APPLICABLE TEST SETUP MEASUREMENT PROCEDURE TEST RESULT | 11 | | | | |
| 8 E | ERP, EIRP MEASUREMENT | 13 | | | | |
| 8.1 8.2 8.3 8.4 | STANDARD APPLICABLE TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION) MEASUREMENT PROCEDURE MEASUREMENT RESULT | 13 14 | | | | |
| 9 N | MODULATION CHARACTERISTIC | 17 | | | | |
| 10 (| OCCUPIED BANDWIDTH | 18 | | | | |
| 10.1 10.2 10.3 10.4 | 2 TEST SETUP | 18 | | | | |
| 11 (| OUT OF BAND EMISSION AT ANTENNA TERMINALS | 25 | | | | |
| 11.1 11.2 11.3 11.4 | TEST SETUP | 25 25 | | | | |



Report No: GTSE11090077602

| 11 | 1.4.2 Band edge emission | 34 |
|-------|---|----|
| 12 FI | IELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT | 36 |
| 12.1 | STANDARD APPLICABLE | 36 |
| 12.2 | EUT SETUP (BLOCK DIAGRAM OF CONFIGURATION) | |
| 12.3 | MEASUREMENT PROCEDURE | |
| 12.4 | TEST RESULT | |
| 13 FI | REQUENCY STABILITY V.S. TEMPERATURE MEASUREMENT | 44 |
| 13.1 | STANDARD APPLICABLE | 44 |
| 13.2 | TEST SETUP | |
| 13.3 | TEST PROCEDURE | |
| 13.4 | TEST RESULT | |
| 14 FI | REQUENCY STABILITY V.S. VOLTAGE MEASUREMENT | 46 |
| 14.1 | STANDARD APPLICABLE | 46 |
| 14.2 | TEST SETUP | |
| 14.3 | TEST PROCEDURE | |
| 14.4 | TEST RESULT | 47 |
| 15 A | C POWER LINE CONDUCTED EMISSION TEST | 48 |
| 15.1 | STANDARD APPLICABLE | 48 |
| 15.2 | TEST SETUP | 48 |
| 15.3 | TEST PROCEDURE | 48 |
| 15.4 | Measurement Result | 48 |



Report No: GTSE11090077602

4 Test Summary

| Test Item | Section in CFR 47 | Result |
|--|--|--------------------------------------|
| RF Exposure (SAR) | Part 1.1307 Part 2.1093 | Passed* (Please refer to SAR Report) |
| RF Output Power | Part 2.1046 Part 22.913 (a)(2) Part 24.232 (c) | Pass |
| Modulation Characteristics | Part 2.1047 | Pass |
| 99% & -26 dB Occupied Bandwidth | Part 2.1049 Part 22.917 Part 24.238 | Pass |
| Spurious Emissions at Antenna Terminal | Part 2.1051 Part 22.917 (a) Part 24.238 (a) | Pass |
| Field Strength of Spurious Radiation | Part 2.1053 Part 22.917 (a) Part 24.238 (a) | Pass |
| Out of band emission, Band Edge | Part 22.917 (a) Part 24.238 (a) | Pass |
| Frequency stability vs. temperature | Part 2.1055(a)(1)(b) | Pass |
| Frequency stability vs. voltage | Part 2.1055(d)(1)(2) | Pass |

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Report No: GTSE11090077602

5 General Information

5.1 Client Information

| Applicant: | Zonda Corporation, S.A. de C.V | |
|----------------------------------|--|--|
| Address of Applicant: | Schiller 329 Street, Chapultepec Morales, Zip code 11560, Mexico City, Mexico | |
| Manufacturer/Factory: | CK TELECOMLTD. | |
| Address of Manufacturer/Factory: | Technology Road. High-Tech Development Zone. Heyuan, Guangdong, P.R.China. | |

5.2 General Description of E.U.T.

| Product Name: | GSM MOBILE PHONE |
|----------------------------|--|
| Model No.: | ZMCK895 |
| Trade mark: | ZONDA |
| Data cable(USB): | Length 1m |
| Earphone line: | Length 1.5m |
| Operation Frequency range: | GSM/GPRS 850: 824MHz-849MHz PCS1900: 1850MHz-1910MHz |
| Type of Emission: | 250KGXW |
| IMEI: | 135790246811220 |
| Software Version: | VIVI-S08A_1V8_ZONDA_L2SP_207_110831 |
| Hardware Version: | VIVI-V2.0 |
| Power supply: | Model:CM-7B Voltage: DC 3.7V Lithium battery Rating Capacity: 100MAh/3.7Wh |
| AC adapter: | Input: AC 100-240V 50/60Hz 120mA Output: DC 5.5V 500mA |

5.3 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is filing to comply with Section Part 22 subpart H and Part 24 subpart E of the FCC CFR 47 Rules.

5.4 Test Methodology

Both conducted and radiated testing were performed according to the procedures document on chapter 13 of ANSI C63.4 (2009) and FCC CFR 47.1046, 2.1047, 2.1049, 2.1051, 2.1053, 2.1055 and 2.1057

Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960



Report No: GTSE11090077602

Project No.: GTSE110900776RF

5.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

● FCC —Registration No.: 600491

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 600491, July 20, 2010.

Industry Canada (IC)

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A-1.

5.6 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: 2nd Floor, Block No.2, Laodong Industrial Zone, Xixiang Road Baoan District, Shenzhen,

China

Tel: 0755-27798480 Fax: 0755-27798960

Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960 Page 7 of 52



Report No: GTSE11090077602

Test Instruments list

| Radia | Radiated Emission: | | | | | |
|-------|--------------------------------------|--------------------------------|-----------------------------|------------------|------------------------|----------------------------|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) |
| 1 | 3m Semi- Anechoic Chamber | ZhongYu Electron | 9.2(L)*6.2(W)* 6.4(H) | GTS250 | Mar. 30 2011 | Mar. 29 2012 |
| 2 | Control Room | ZhongYu Electron | 6.2(L)*2.5(W)* 2.4(H) | GTS251 | N/A | N/A |
| 3 | EMI Test Receiver | Rohde & Schwarz | ESU26 | GTS203 | Jul. 04 2011 | Jul. 03 2012 |
| 4 | BiConiLog Antenna | SCHWARZBECK MESS-ELEKTRONIK | VULB9163 | GTS214 | Feb. 26 2011 | Feb. 25 2012 |
| 5 | Double -ridged waveguide horn | SCHWARZBECK MESS-ELEKTRONIK | 9120D-829 | GTS208 | June 30 2011 | June 29 2012 |
| 6 | Horn Antenna | ETS-LINDGREN | 3160 | GTS217 | Mar. 30 2011 | Mar. 29 2012 |
| 7 | EMI Test Software | AUDIX | E3 | N/A | N/A | N/A |
| 8 | Coaxial Cable | GTS | N/A | GTS213 | Apr. 01 2011 | Mar. 31 2012 |
| 9 | Coaxial Cable | GTS | N/A | GTS211 | Apr. 01 2011 | Mar. 31 2012 |
| 9 | Coaxial cable | GTS | N/A | GTS210 | Apr. 01 2011 | Mar. 31 2012 |
| 11 | Coaxial Cable | GTS | N/A | GTS212 | Apr. 01 2011 | Mar. 31 2012 |
| 12 | Amplifier(100kHz-3GHz) | HP | 8347A | GTS204 | Jul. 04 2011 | Jul. 03 2012 |
| 13 | Amplifier(2GHz-20GHz) | HP | 8349B | GTS206 | Jul. 04 2011 | Jul. 03 2012 |
| 14 | Pre-amplifier (18-26GHz) | Rohde & Schwarz | AFS33-18002 650-30-8P-44 | GTS218 | Apr. 01 2011 | Mar. 31 2012 |
| 15 | Band filter | Amindeon | 82346 | GTS219 | Apr. 01 2011 | Mar. 31 2012 |
| 16 | Universal radio communication tester | Rohde & Schwarz | CMU200 | GTS235 | May 11 2011 | May 11 2012 |
| 17 | Signal Generator | Rohde & Schwarz | SML03 | GTS236 | May 11 2011 | May 11 2012 |
| 18 | Temp. Humidity/ Barometer | Oregon Scientific | BA-888 | GTS248 | May 11 2011 | May 11 2012 |
| 19 | D.C. Power Supply | Instek | PS-3030 | GTS232 | NA | NA |
| 20 | Splitter | Agilent | 11636B | GTS237 | May 11 2011 | May 11 2012 |

| Condu | Conducted Emission: | | | | | |
|-------|---------------------|--------------------------------|----------------------|------------------|------------------------|----------------------------|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) |
| 1 | Shielding Room | ZhongYu Electron | 7.0(L)x3.0(W)x3.0(H) | GTS252 | Jul. 04 2011 | Jul. 03 2012 |
| 2 | EMI Test Receiver | Rohde & Schwarz | ESCS30 | GTS223 | Jul. 04 2011 | Jul. 03 2012 |
| 3 | 10dB Pulse Limita | Rohde & Schwarz | N/A | GTS224 | Jul. 04 2011 | Jul. 03 2012 |
| 4 | LISN | SCHWARZBECK MESS-ELEKTRONIK | NSLK 8127 | GTS226 | Jul. 04 2011 | Jul. 03 2012 |
| 5 | Coaxial Cable | GTS | N/A | GTS227 | Apr. 01 2011 | Mar. 31 2012 |
| 6 | EMI Test Software | AUDIX | E3 | N/A | N/A | N/A |

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Report No: GTSE11090077602

6 SYSTEM TEST CONFIGURATION

6.1 EUT Configuration

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

continuous normal application.

6.2 EUT Exercise

The EUT (Transmitter) was operated in the engineering mode to fix the Tx frequency which was for the

purpose of the measurements.

6.3 Test Procedure

6.3.1 Conducted Emissions

The EUT is placed on a turn table which is 0.8m above ground plane. According to the requirements in

Section 7 and 13 of ANSI C63.4-2009. Conducted emissions from the EUT measured in the frequency

range between 0.15MHz and 30MHz using CISPR Quasi-Peak and Average detector mode.

6.3.2 Radiated Emissions

The EUT is placed on a turn table which is 1.0m above ground plane. The turn table shall rotate 360

degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving

antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be

maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find

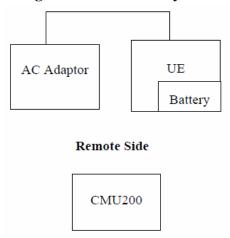
out the max. emission, the relative positions of this hand-held transmitter (EUT) was rotated through three

orthogonal axes according to the requirements in Section 8 and 13 of ANSI C63.4-2009.



Report No: GTSE11090077602

6.4 Configuration of Tested System



6.5 DESCRIPTION OF TEST MODES

The EUT has been tested under operating condition.

EUT staying in continuous transmitting mode. Channel Low, Mid and High for each type band with rated data rate were chosen for full testing.

The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for both GSM/PCS with power adaptors, earphone and Data cable. The worst-case H mode for GSM 850 band, PCS1900 band.



Report No: GTSE11090077602

RF POWER OUTPUT MEASUREMENT

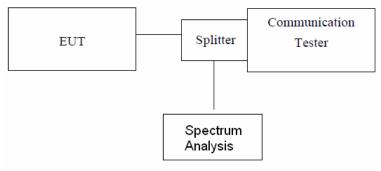
Standard Applicable

According to FCC §2.1046.

FCC 22.913(a) Mobile station are limited to 7W

FCC 24.232(b) Mobile station are limited to 2W.

7.2 **Test setup**



Note: Measurement setup for testing on Antenna connector

7.3 Measurement Procedure

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

Test Result

| EUT Mode | Frequency (MHz) | Channel | PK power (dBm) |
|----------|-----------------|---------|----------------|
| | 824.20 | 128 | 32.08 |
| GSM 850 | 836.60 | 190 | 32.00 |
| | 848.80 | 251 | 31.95 |

| EUT Mode | Frequency (MHz) | Channel | PK power (dBm) |
|----------|-----------------|---------|----------------|
| | 1850.20 | 512 | 28.66 |
| PCS 1900 | 1880.00 | 661 | 28.38 |
| | 1909.80 | 810 | 28.74 |

Please refer to the following plots.

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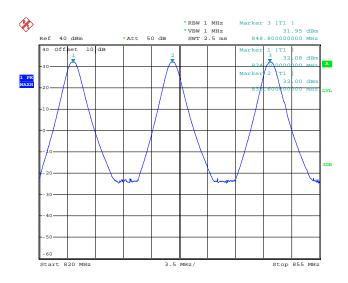
Page 11 of 52



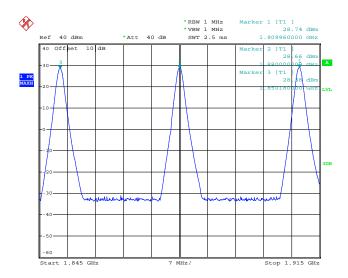
Report No: GTSE11090077602

Please refer to the following plots.

| Test mode: | GSM850 | Test channel: | 128/190/251 |
|------------|--------|---------------|-------------|



PCS1900 Test mode: 512/661/810 Test channel:





Report No: GTSE11090077602

Project No.: GTSE110900776RF

8 **ERP, EIRP MEASUREMENT**

Standard Applicable

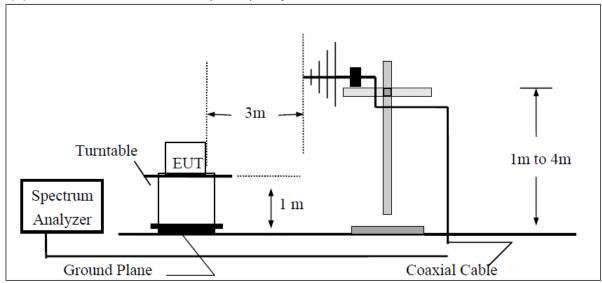
According to FCC §2.1046

FCC 22.913(a) Mobile station are limited to 7W ERP.

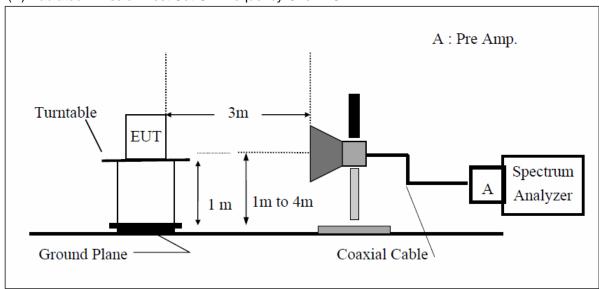
FCC 24.232(b) Mobile station are limited to 2W EIRP.

Test SET-UP (Block Diagram of Configuration)

(A) Radiated Emission Test Set-Up, Frequency Below 1000MHz



(B) Radiated Emission Test Set-UP Frequency Over 1 GHz





Report No: GTSE11090077602

Project No.: GTSE110900776RF

Ground plane Antenna mast Ground plane d: distance in meters d:3 meter Substituted Dipole or Horn Antenna Bi-Log Antenna or Horn Antenna

8.3 Measurement Procedure

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

During the measurement, the EUT was communication with the station. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna from 4m to 1m. The reading was recorded and the field strength (E in dBuV/m) was calculated.

ERP in frequency band 824.2 –848.80.8MHz were measured using a substitution method. The EUT was replaced by dipole antenna connected, the S.G. output was recorded and ERP was calculated as follows:

EIRP in frequency band 1850.2 –1909.8MHz were measured using a substitution method. The EUT was replaced by or horn antenna connected, the S.G. output was recorded and EIRP was calculated as follows:

ERP = S.G. output (dBm) + Antenna Gain (dBd) – Cable Loss (dB)

EIRP = S.G. output (dBm) + Antenna Gain (dBi) - Cable Loss (dB)



Report No: GTSE11090077602

8.4 Measurement Result

| EUT mode | Frequency (MHz) | СН | EUT Pol. | Antenna Pol. | ERP (dBm) | Limit (dBm) |
|-------------|-----------------|-----|-------------|-----------------|--------------|-------------|
| | (1/112) | | 1 011 | V | 29.12 | 38.45 |
| | | | Н | Н | 27.61 | 38.45 |
| | | | _, | V | 28.12 | 38.45 |
| | 824.20 | 128 | E1 | Н | 27.20 | 38.45 |
| | | | Ea | V | 28.10 | 38.45 |
| | | | E2 | Н | 26.61 | 38.45 |
| | | | Н | V | 29.60 | 38.45 |
| | 836.60 | 190 | | Н | 27.64 | 38.45 |
| GG) 1 050 | | | E1 | V | 29.00 | 38.45 |
| GSM 850 | | | | Н | 26.59 | 38.45 |
| | | | F2 | V | 28.60 | 38.45 |
| | | | E2 | Н | 26.52 | 38.45 |
| | | | | V | 29.88 | 38.45 |
| | | | Н | Н | 28.40 | 38.45 |
| | 0.40.00 | 251 | F1 | V | 28.84 | 38.45 |
| | 848.80 | 251 | E1 | Н | 27.58 | 38.45 |
| | | | F2 | V | 27.63 | 38.45 |
| | | | E2 | Н | 26.29 | 38.45 |

Remark:

(1) The RBW,VBW of SPA for frequency Below 1GHz was RBW=100 KHz, VBW=300KHz, Above 1GHz was RBW= 1MHz, VBW= 3MHz



Report No: GTSE11090077602

| EUT mode | Frequency (MHz) | СН | EUT Pol. | Antenna Pol. | EIRP (dBm) | Limit (dBm) |
|-------------|-----------------|-----|-------------|-----------------|---------------|----------------|
| | | | | V | 27.53 | 33.00 |
| | | | Н | Н | 29.39 | 33.00 |
| | 1050 20 | | - | V | 26.35 | 33.00 |
| | 1850.20 | 512 | E1 | Н | 28.62 | 33.00 |
| | | | F2 | V | 27.03 | 33.00 |
| | | | E2 | Н | 28.09 | 33.00 |
| | 1880.00 | 661 | 11 | V | 28.22 | 33.00 |
| | | | Н | Н | 30.25 | 33.00 |
| DCG 1000 | | | E1 | V | 27.32 | 33.00 |
| PCS 1900 | | | | Н | 29.10 | 33.00 |
| | | | E2 | V | 28.00 | 33.00 |
| | | | | Н | 29.55 | 33.00 |
| | | | | V | 27.61 | 33.00 |
| | | | Н | Н | 29.74 | 33.00 |
| | 1000.00 | | | V | 26.69 | 33.00 |
| | 1909.80 | 810 | E1 | Н | 28.43 | 33.00 |
| | | | E2 | V | 25.60 | 33.00 |
| | | | | Н | 28.61 | 33.00 |

Remark:

(1) The RBW,VBW of SPA for frequency Below 1GHz was RBW=100 KHz, VBW=300KHz, Above 1GHz was RBW= 1MHz, VBW= 3MHz

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Report No: GTSE11090077602

9 MODULATION CHARACTERISTIC

According to FCC § 2.1047(d), Part 22H & 24E there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

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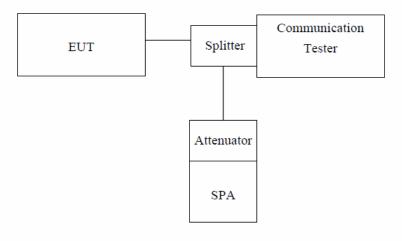
Report No: GTSE11090077602

10 OCCUPIED BANDWIDTH

10.1 Standard Applicable

CFR 47 §2.1049

10.2 Test setup



Note: Measurement setup for testing on Antenna connector

10.3 Test Procedure

The EUT's output RF connector was connected with a short cable to the spectrum analyzer, RBW (10/47KHz) was set to about 1% of emission BW, VBW= 3 times RBW(30/150KHz), -26dBc display line was placed on the screen (or 99% bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace.

10.4 Test Result

| EUT Mode | Frequency(MHz) | СН | 26dB bandwidth | 99% bandwidth(MHz) |
|----------|----------------|-----|----------------|--------------------|
| | 824.20 | 128 | 320.00 | 250.00 |
| GSM 850 | 836.60 | 190 | 318.00 | 248.00 |
| | 848.80 | 251 | 322.00 | 250.00 |

| EUT Mode | Frequency(MHz) | СН | 26dB bandwidth | 99% bandwidth(MHz) |
|----------|----------------|-----|----------------|--------------------|
| | 1850.20 | 512 | 320.00 | 244.00 |
| PCS 1900 | 1880.00 | 661 | 320.00 | 248.00 |
| | 1909.80 | 810 | 318.00 | 246.00 |

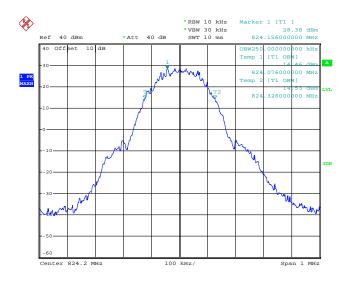
Please refer to the following plots.



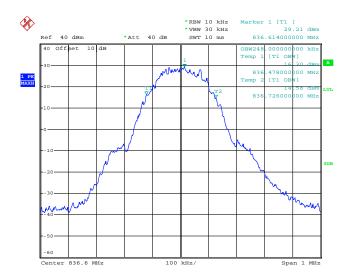
Report No: GTSE11090077602

99% bandwidth:

| Test mode: | GSM850 | Test channel: | 128 |
|------------|--------|---------------|-----|

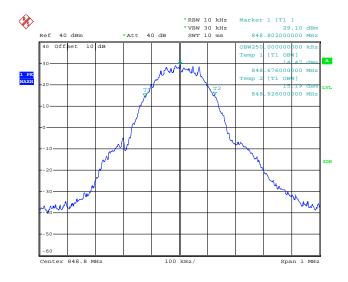


| Test mode: | GSM850 | Test channel: | 190 |
|------------|--------|---------------|-----|
|------------|--------|---------------|-----|

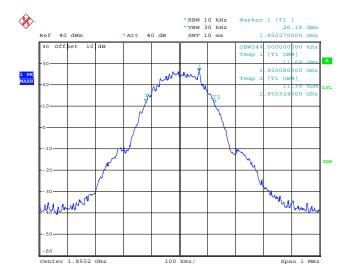


Report No: GTSE11090077602

| Test mode: | GSM850 | Test channel: | 251 |
|------------|--------|---------------|-----|



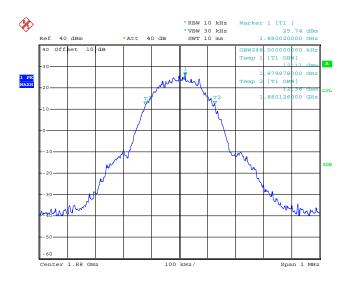
| Test mode: | PCS1900 | Test channel: | 512 |
|------------|---------|---------------|-----|



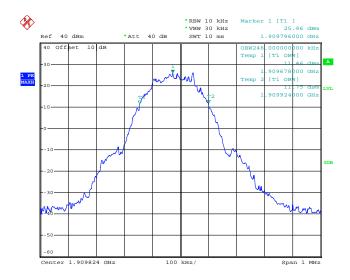


Report No: GTSE11090077602

| T4 | DCC4000 | Tankahannah | 004 |
|------------|---------|---------------|-----|
| Test mode: | PCS1900 | Test channel: | 661 |



| Test mode: | PCS1900 | Test channel: | 810 |
|------------|---------|---------------|-----|

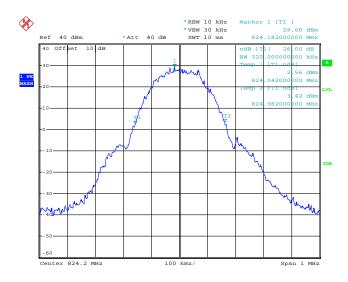




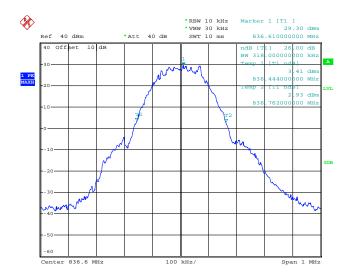
Report No: GTSE11090077602

26dB bandwidth:

| Test mode: | GSM850 | Test channel: | 128 |
|------------|--------|---------------|-----|



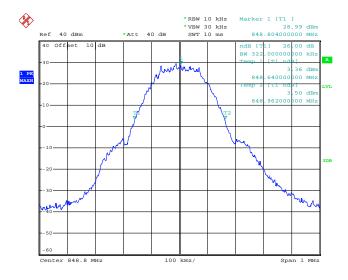
| Test mode: | GSM850 | Test channel: | 190 |
|------------|--------|---------------|-----|
|------------|--------|---------------|-----|



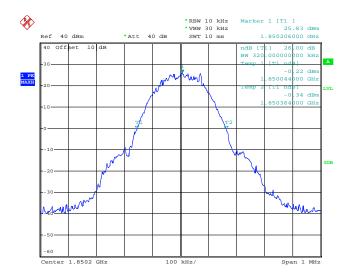


Report No: GTSE11090077602

| - | 00140-0 | | |
|------------|---------|---------------|-----|
| Test mode: | GSM850 | Test channel: | 251 |

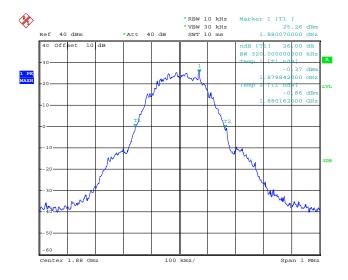


| Test mode: | PCS1900 | Test channel: | 512 |
|------------|---------|---------------|-----|

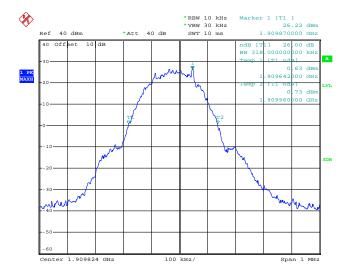


Report No: GTSE11090077602





PCS1900 810 Test mode: Test channel:





Report No: GTSE11090077602

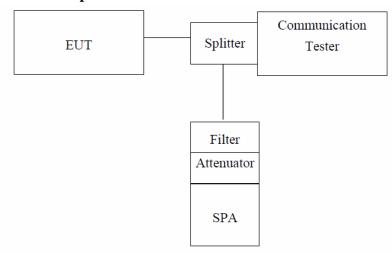
11 OUT OF BAND EMISSION AT ANTENNA TERMINALS

11.1 Standard Applicable

According to FCC §2.1051.

FCC §22.917(a),§24.238(a), the magnitude of each spurious and harmonic emission that can be detected when the equipment is operated under the conditions specified in the instruction manual and/ or alignment procedure, shall not be less than 43 + 10 log (mean output power inwatts) dBc below the mean power output outside a license's frequency block (-13dBm)

11.2 Test setup



Note: Measurement setup for testing on Antenna connector

11.3 Measurement Procedure

The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation.

The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic.

For the out of band: Set the RBW, VBW = 1MHz, Start=30MHz, Stop= 10th harmonic.

Limit = -13dBm

Band Edge Requirements: In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions.

Limit =-13dBm.

11.4 Measurement Result

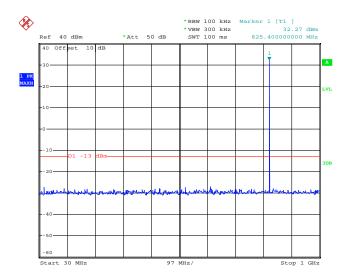
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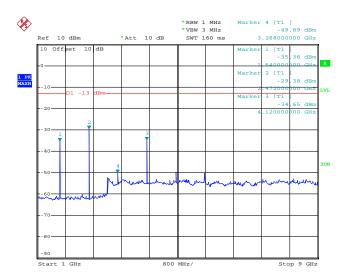


Report No: GTSE11090077602

11.4.1 Spurious emission

| Test mode: | GSM850 | Test channel: | 128 |
|------------|--------|---------------|-----|

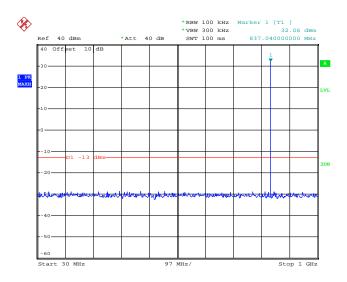


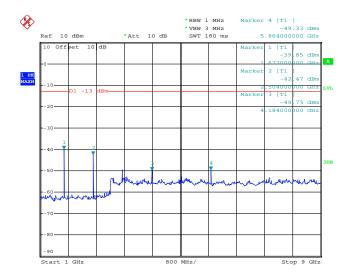




Report No: GTSE11090077602

| Test mode: | GSM850 | Test channel: | 190 |
|------------|----------|---------------|-----|
| root mode. | 00111000 | 1 cot onarmon | 100 |

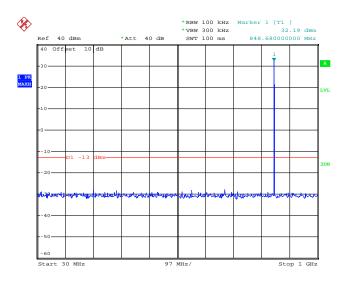


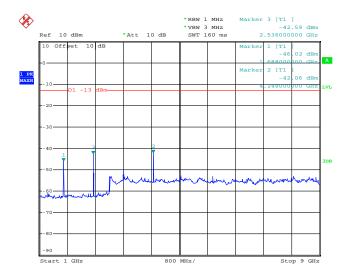




Report No: GTSE11090077602

| | Test mode: | GSM850 | Test channel: | 251 |
|-----|---------------|----------|---------------|-----|
| - 1 | i oot iiioao. | 00111000 | 1 oot onarmon | 201 |

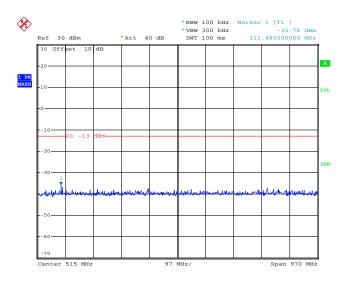


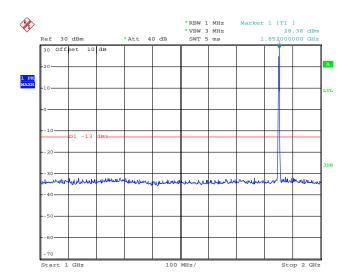




Report No: GTSE11090077602

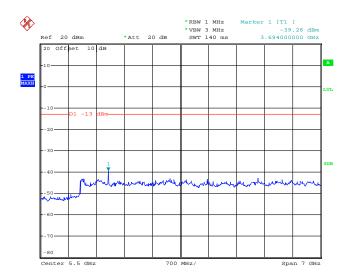
| Test mode: | PCS1900 | Test channel: | 512 |
|---------------|----------|------------------|-----|
| i est illoue. | 1 001300 | i est charillet. | 312 |



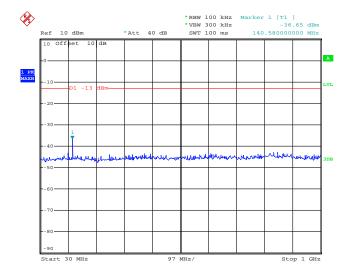


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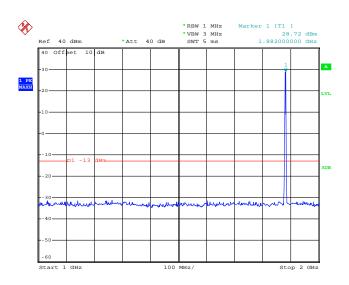


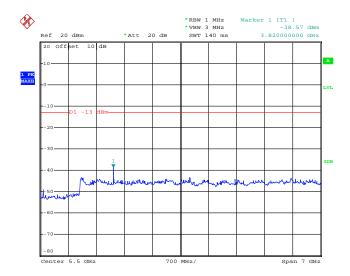
Test mode: PCS1900 Test channel: 661





Report No: GTSE11090077602

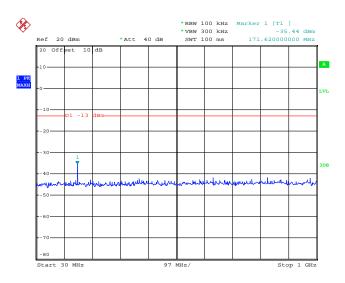


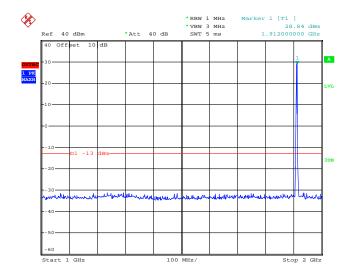




Report No: GTSE11090077602

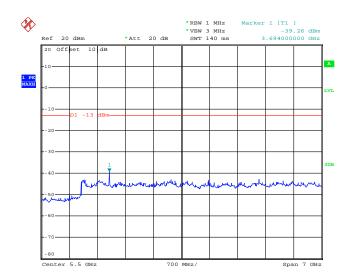
| Test mode. FOS 1900 Test chamel. 610 | Test mode: | PCS1900 | Test channel: | 810 |
|--|------------|---------|---------------|-----|
|--|------------|---------|---------------|-----|







Report No: GTSE11090077602

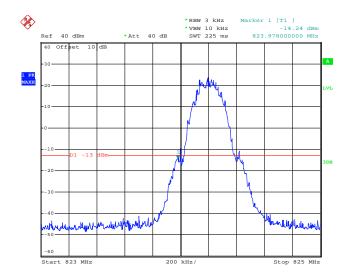




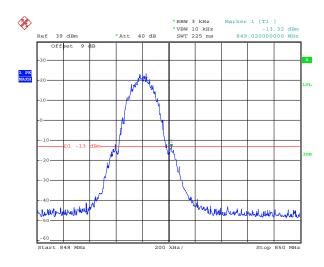
Report No: GTSE11090077602

11.4.2 Band edge emission

| Test mode: | GSM850 | Test channel: | 128 |
|--------------|----------|------------------|-----|
| i oot inoao. | 00111000 | 1 001 011411101. | 120 |



| Test mode: | GSM850 | Test channel: | 251 |
|------------|--------|---------------|-----|
|------------|--------|---------------|-----|

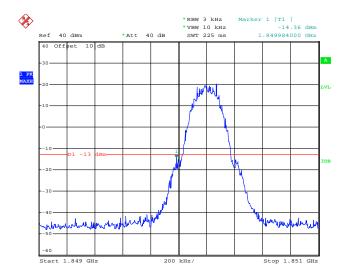


Date: 19.SEP.2011 09:26:26

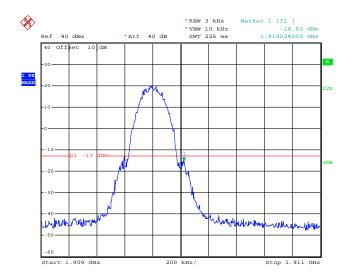


Report No: GTSE11090077602

| Test mode: PCS1900 Test channel: 512 | Test mode: | PCS1900 | Test channel: | 512 |
|--|------------|---------|---------------|-----|
|--|------------|---------|---------------|-----|



Test mode: PCS1900 Test channel: 810





Report No: GTSE11090077602

12 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

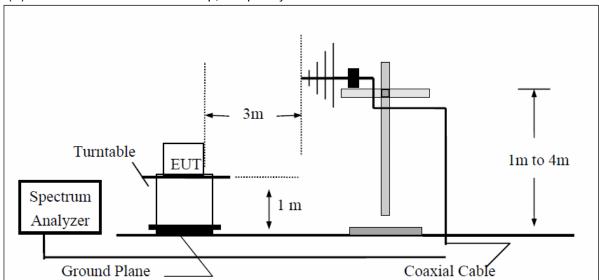
12.1 Standard Applicable

According to FCC §2.1053,

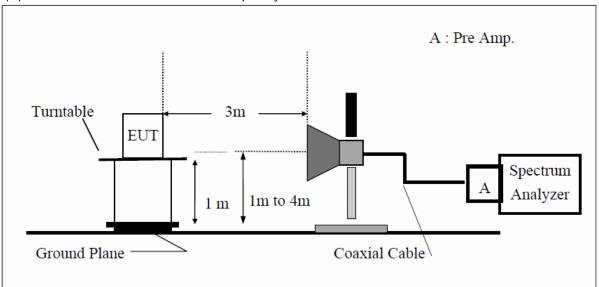
FCC §22.917(a),§24.238(a), the magnitude of each spurious and harmonic emission that can be detected when the equipment is operated under the conditions specified in the instruction manual and/ or alignment procedure, shall not be less than 43 + 10 log (mean output power in watts) dBc below the mean power output outside a license's frequency block (-13dBm)

12.2 EUT Setup (Block Diagram of Configuration)

(A) Radiated Emission Test Set-Up, Frequency below 1000MHz



(B) Radiated Emission Test Set-UP Frequency over 1 GHz



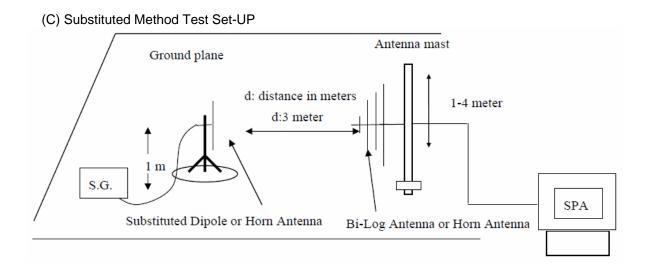
Global United Technology Services Co., Ltd. 2nd Floor, Block No.2, Laodong Industrial Zone, Xixiang Road Baoan District, Shenzhen, China 518102

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Report No: GTSE11090077602

Project No.: GTSE110900776RF



12.3 Measurement Procedure

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

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

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

EIRP = S.G. output (dBm) + Antenna Gain(dBi) – Cable Loss (dB)



Report No: GTSE11090077602

Project No.: GTSE110900776RF

12.4 Test Result

| Test mode: | GSM850 | Test channel: | 128 | EUT position | Н |
|------------|--------|---------------|-----|--------------|---|
|------------|--------|---------------|-----|--------------|---|

| Frequency | | | Test Result | |
|-----------|--------------|------------|--------------|-------------|
| (MHz) | polarization | Level(dBm) | Limit (dbin) | Test Result |
| 77.87 | Vertical | -73.26 | -13.00 | |
| 1648.40 | V | -22.76 | -13.00 | |
| 2472.60 | V | -29.51 | -13.00 | |
| 3296.80 | V | -39.43 | -13.00 | |
| 4121.00 | V | -45.11 | -13.00 | |
| 4945.20 | V | -37.13 | -13.00 | |
| 5769.40 | V | -40.12 | -13.00 | |
| 6593.60 | V | | -13.00 | |
| 7417.80 | V | | -13.00 | Pass |
| 77.96 | Horizontal | -74.56 | -13.00 | Pass |
| 1648.40 | Н | -25.32 | -13.00 | |
| 2472.60 | Н | -31.84 | -13.00 | |
| 3296.80 | Н | -42.04 | -13.00 | |
| 4121.00 | Н | -47.42 | -13.00 | |
| 4945.20 | Н | -39.64 | -13.00 | |
| 5769.40 | Н | -42.58 | -13.00 | |
| 6593.60 | Н | | -13.00 | |
| 7417.80 | Н | | -13.00 | |

Remark:

- 1 The emission behaviour belongs to narrowband spurious emission.
- 2 Remark"---" means that the emission level is too low to be measured
- 3 The result basic equation calculation is as follows:

ERP/EIRP (dBm) = SG Setting(dBm) + Antenna Gain (dB/dBi) - Cable loss (dB)



Report No: GTSE11090077602

| Test mode: GSM850 | Test channel: 190 | EUT position H | |
|-------------------|-------------------|----------------|--|
|-------------------|-------------------|----------------|--|

| Frequency | Spurio | Spurious Emission Limit (dBm) | | Test Result |
|-----------|--------------|-------------------------------|-----------------|-------------|
| (MHz) | polarization | Level(dBm) | Lillill (dBill) | rest Result |
| 77.67 | Vertical | -73.25 | -13.00 | |
| 1673.20 | V | -19.58 | -13.00 | |
| 2509.80 | V | -26.27 | -13.00 | |
| 3346.40 | V | -38.55 | -13.00 | |
| 4183.00 | V | -40.76 | -13.00 | |
| 5019.60 | V | | -13.00 | |
| 5856.20 | V | | -13.00 | |
| 6692.80 | V | -35.70 | -13.00 | |
| 7529.40 | V | -43.60 | -13.00 | Pass |
| 78.97 | Horizontal | -74.43 | -13.00 | F d 5 5 |
| 1673.20 | Н | -22.14 | -13.00 | |
| 2509.80 | Н | -28.60 | -13.00 | |
| 3346.40 | Н | -41.06 | -13.00 | |
| 4183.00 | Н | -43.18 | -13.00 | |
| 5019.60 | Н | -38.01 | -13.00 | |
| 5856.20 | Н | -46.26 | -13.00 | |
| 6692.80 | Н | | -13.00 | |
| 7529.40 | Н | | -13.00 | |

Remark:

- 1 The emission behaviour belongs to narrowband spurious emission.
- 2 Remark"---" means that the emission level is too low to be measured
- 3 The result basic equation calculation is as follows:

ERP/EIRP (dBm) = SG Setting(dBm) + Antenna Gain (dB/dBi) - Cable loss (dB)

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Report No: GTSE11090077602

| Test mode: | GSM850 | Test channel: | 25 | 51 | EUT position | Н |
|------------|--------------|---------------|----|-------------|--------------|--------|
| Frequency | Spurio | us Emission | | Limit (dDm) | Toot | Result |
| (MHz) | polarization | Level(dBm) | | Limit (dBm) | rest | Result |
| 75.97 | Vertical | -73.11 | | -13.00 | | |
| 1697.60 | V | -18.05 | | -13.00 | | |
| 2546.40 | V | -24.19 | | -13.00 | | |
| 3395.20 | V | -31.62 | | -13.00 | | |
| 4244.00 | V | -38.61 | | -13.00 |] | |
| 5092.80 | V | -43.34 | | -13.00 | | |
| 5941.60 | V | -44.14 | | -13.00 | | |
| 6790.40 | V | | | -13.00 | | |
| 7639.20 | V | | | -13.00 | | ass |
| 77.34 | Horizontal | -74.42 | | -13.00 |] | a55 |
| 1697.60 | Н | -20.61 | | -13.00 |] | |
| 2546.40 | Н | -26.52 | | -13.00 | | |
| 3395.20 | Н | -34.18 | | -13.00 |] | |
| 4244.00 | Н | -40.75 | | -13.00 |] | |
| 5092.80 | Н | -45.67 | | -13.00 | 1 | |
| 5941.60 | Н | -46.45 | | -13.00 |] | |
| 6790.40 | Н | | | -13.00 | 1 | |
| 7639.20 | Н | | | -13.00 |] | |

Remark:

- 1 The emission behaviour belongs to narrowband spurious emission.
- 2 Remark"---" means that the emission level is too low to be measured
- 3 The result basic equation calculation is as follows:

ERP/EIRP (dBm) = SG Setting(dBm) + Antenna Gain (dB/dBi) - Cable loss (dB)

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Report No: GTSE11090077602

Project No.: GTSE110900776RF

| Test mode: PCS190 | Test channel: 5 | 12 EUT position | Н |
|-------------------|-----------------|-----------------|---|
|-------------------|-----------------|-----------------|---|

| Frequency | Spurio | us Emission | Limit (dBm) | Test Result |
|-----------|--------------|-------------|----------------|-------------|
| (MHz) | polarization | Level(dBm) | Lillit (dBill) | rest Result |
| 72.73 | Vertical | -72.26 | -13.00 | |
| 3700.40 | V | -41.54 | -13.00 | |
| 5550.60 | V | -41.11 | -13.00 | |
| 7400.80 | V | -34.11 | -13.00 | |
| 9251.00 | V | -38.96 | -13.00 | |
| 11101.20 | V | | -13.00 | |
| 12951.40 | V | | -13.00 | Pass |
| 74.97 | Horizontal | -72.56 | -13.00 | F d 5 5 |
| 3700.40 | Н | -43.31 | -13.00 | |
| 5550.60 | Н | -42.56 | -13.00 | |
| 7400.80 | Н | -36.19 | -13.00 | |
| 9251.00 | Н | -41.35 | -13.00 | |
| 11101.20 | Н | | -13.00 | |
| 12951.40 | Н | | -13.00 | |

Remark:

- 1 The emission behaviour belongs to narrowband spurious emission.
- 2 Remark"---" means that the emission level is too low to be measured
- 3 The result basic equation calculation is as follows:

ERP/EIRP (dBm) = SG Setting(dBm) + Antenna Gain (dB/dBi) - Cable loss (dB)

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Report No: GTSE11090077602

| Test mode: | PCS1900 | Test channel: | 661 | EUT position | Н |
|------------|---------|---------------|-----|--------------|---|
|------------|---------|---------------|-----|--------------|---|

| Frequency | Spurio | us Emission | Limit (dBm) | Test Result |
|-----------|--------------|-------------|----------------|-------------|
| (MHz) | polarization | Level(dBm) | Lillit (dBill) | rest Result |
| 74.70 | Vertical | -70.26 | -13.00 | |
| 3760.00 | V | -42.76 | -13.00 | |
| 5640.00 | V | -42.74 | -13.00 | |
| 7520.00 | V | -37.23 | -13.00 | |
| 9400.00 | V | -37.83 | -13.00 | |
| 11280.00 | V | | -13.00 | |
| 13160.00 | V | | -13.00 | Pass |
| 75.73 | Horizontal | -72.43 | -13.00 | F d 5 5 |
| 3760.00 | Н | -41.23 | -13.00 | |
| 5640.00 | Н | -41.86 | -13.00 | |
| 7520.00 | Н | -33.82 | -13.00 | |
| 9400.00 | Н | -37.12 | -13.00 | |
| 11280.00 | Н | | -13.00 | |
| 13160.00 | Н | | -13.00 | |

Remark:

- 1 The emission behaviour belongs to narrowband spurious emission.
- 2 Remark"---" means that the emission level is too low to be measured
- 3 The result basic equation calculation is as follows:

ERP/EIRP (dBm) = SG Setting(dBm) + Antenna Gain (dB/dBi) - Cable loss (dB)

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Report No: GTSE11090077602

Project No.: GTSE110900776RF

| Test mode: | PCS1900 | Test channel: | 810 | EUT position | Н |
|------------|---------|---------------|-----|--------------|---|
|------------|---------|---------------|-----|--------------|---|

| Frequency | Spurio | urious Emission Limit (dBm) | | Test Result |
|-----------|--------------|-----------------------------|-----------------|-------------|
| (MHz) | polarization | Level(dBm) | Lillill (dBill) | rest Result |
| 75.55 | Vertical | -71.20 | -13.00 | |
| 3819.60 | V | -42.12 | -13.00 | |
| 5729.40 | V | -36.67 | -13.00 | |
| 7639.20 | V | -32.66 | -13.00 | |
| 9549.00 | V | -38.68 | -13.00 | |
| 11458.80 | V | | -13.00 | |
| 13368.60 | V | | -13.00 | Pass |
| 76.37 | Horizontal | -71.43 | -13.00 | F d 5 5 |
| 3819.60 | Н | -40.29 | -13.00 | |
| 5729.40 | Н | -35.04 | -13.00 | |
| 7639.20 | Н | -31.95 | -13.00 | |
| 9549.00 | Н | -36.94 | -13.00 | |
| 11458.80 | Н | | -13.00 | |
| 13368.60 | Н | | -13.00 | |

Remark:

- 1 The emission behaviour belongs to narrowband spurious emission.
- 2 Remark"---" means that the emission level is too low to be measured
- 3 The result basic equation calculation is as follows:

ERP/EIRP (dBm) = SG Setting(dBm) + Antenna Gain (dB/dBi) - Cable loss (dB)

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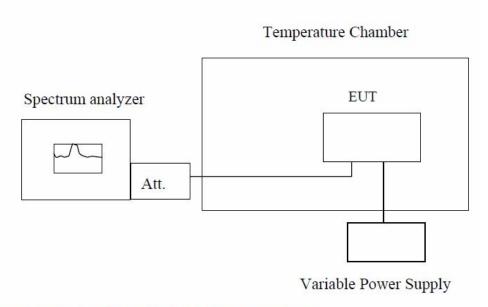
Report No: GTSE11090077602

13 FREQUENCY STABILITY V.S. TEMPERATURE MEASUREMENT

13.1 Standard Applicable

According to FCC §2.1055(a)(1)(b). Frequency Tolerance: 2.5 ppm

13.2 Test setup



Note: Measurement setup for testing on Antenna connector

13.3 Test Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to −30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

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Report No: GTSE11090077602

13.4 Test Result

| Referen | Reference Frequency: GSM850 Middle channel=190 channel=836.6MHz | | | | | | |
|------------------|---|----------------------------|-----------------------------|----------------|--|--|--|
| Temperature (°C) | Power Supplied (Vdc) | Frequency Error (Hz) | Frequency Error (ppm) | Limit (ppm) | | | |
| -20 | 3.7 | 42 | 0.0502 | 2.5 | | | |
| -10 | 3.7 | 41 | 0.0490 | 2.5 | | | |
| 0 | 3.7 | 38 | 0.0454 | 2.5 | | | |
| 10 | 3.7 | 38 | 0.0454 | 2.5 | | | |
| 20 | 3.7 | 35 | 0.0418 | 2.5 | | | |
| 30 | 3.7 | 37 | 0.0442 | 2.5 | | | |
| 40 | 3.7 | 38 | 0.0454 | 2.5 | | | |
| 50 | 3.7 | 36 | 0.0430 | 2.5 | | | |

| Reference Frequency: PCS1900 Middle channel=661 channel=1880MHz | | | | | | | | | |
|---|----------------------------|----------------------------|-----------------------------|----------------|--|--|--|--|--|
| Temperature (°C) | Power Supplied (Vdc) | Frequency Error (Hz) | Frequency Error (ppm) | Limit (ppm) | | | | | |
| -20 | 3.7 | 51 | 0.0271 | 2.5 | | | | | |
| -10 | 3.7 | 49 | 0.0261 | 2.5 | | | | | |
| 0 | 3.7 | 48 | 0.0255 | 2.5 | | | | | |
| 10 | 3.7 | 46 | 0.0245 | 2.5 | | | | | |
| 20 | 3.7 | 47 | 0.0250 | 2.5 | | | | | |
| 30 | 3.7 | 45 | 0.0239 | 2.5 | | | | | |
| 40 | 3.7 | 48 | 0.0255 | 2.5 | | | | | |
| 50 | 3.7 | 43 | 0.0229 | 2.5 | | | | | |

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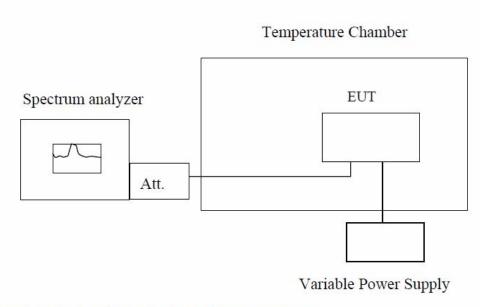
Report No: GTSE11090077602

14 FREQUENCY STABILITY V.S. VOLTAGE MEASUREMENT

14.1 Standard Applicable

According to FCC §2.1055(d)(1)(2). Frequency Tolerance: 2.5 ppm

14.2 Test setup



Note: Measurement setup for testing on Antenna connector

14.3 Test Procedure

Set chamber temperature to 25°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specified extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.



Report No: GTSE11090077602

14.4 Test Result

| Reference Frequency: GSM850 Middle channel=190 channel=836.6MHz | | | | | | | | | |
|---|----------------------------|-----------------------------|----------------|-----|--|--|--|--|--|
| Temperature (°C) | Power Supplied (Vdc) | Frequency Error (ppm) | Limit (ppm) | | | | | | |
| 25 | 4.25 | 34 | 0.0406 | 2.5 | | | | | |
| 25 | 3.7 | 35 | 0.0418 | 2.5 | | | | | |
| 25 | 3.4 | 38 | 0.0454 | 2.5 | | | | | |

| Reference Frequency: PCS1900 Middle channel=661 channel=1880MHz | | | | | | | | | |
|---|----------------------------|-----------------------------|----------------|-----|--|--|--|--|--|
| Temperature (°C) | Power Supplied (Vdc) | Frequency Error (ppm) | Limit (ppm) | | | | | | |
| 25 | 4.25 | 41 | 0.0218 | 2.5 | | | | | |
| 25 | 3.7 | 47 | 0.0250 | 2.5 | | | | | |
| 25 | 3.4 | 45 | 0.0239 | 2.5 | | | | | |

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Report No: GTSE11090077602

15 AC POWER LINE CONDUCTED EMISSION TEST

15.1 Standard Applicable

According to FCC §15.207. The emission value for frequency within 150KHz to 30MHz shall not Exceed criteria of below chart.

| Frequency range (MHz) | Lim | nits dB(uV) |
|-------------------------|------------|-------------|
| Frequency range (wiriz) | Quasi-peak | Average |
| 0.15 to 0.50 | 66 to 56 | 56 to 46 |
| 0.50 to 5 | 56 | 46 |
| 5 to 30 | 60 | 50 |

Note

- 1. The lower limit shall apply at the transition frequencies
- 2.The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

15.2 Test setup

- 1. The conducted emission tests were performed in the test site, using the setup in accordance with the ANSI C63.4-2009
- 2. The EUT was plug-in DC power adaptort and was placed on the center of the back edge on the test table. The peripherals like earphone was placed on the side of the EUT. The rear of the EUT and peripherals were placed flushed with the rear of the tabletop.
- 3. The Power adaptor was connected with 110Vac/60Hz power source.

15.3 Test Procedure

- 1. The EUT was placed on a table which is 0.8m above ground plane.
- 2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 3. Repeat above procedures until all frequency measured were complete.

15.4 Measurement Result

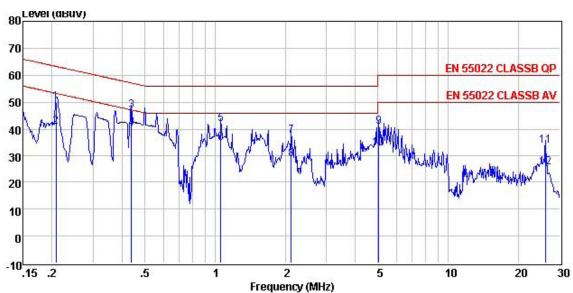
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Report No: GTSE11090077602

Project No.: GTSE110900776RF

Test mode: GSM850



: EN 55022 CLASSB QP LISN(2011) LINE Condition

Tob No.

Remark : GSM850

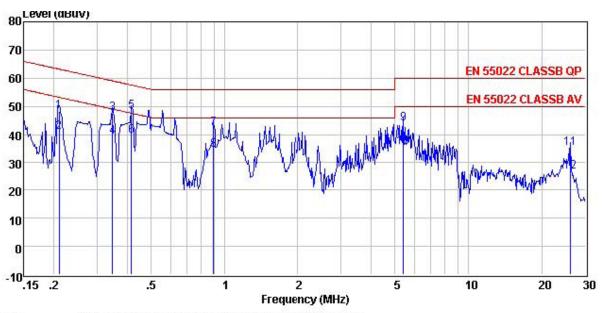
| | Freq | Read Level | LISN Factor | Cable Loss | Level | Limit Line | Over Limit | Remark |
|--------------------------------------|--------|---------------|----------------|---------------|--------|---------------|---------------|---------|
| | MHz | dBuV | dB | dB | −dBuV | dBuV | dB | |
| 1 | 0.208 | 49.22 | 0.65 | 0.10 | 49. 97 | 63.27 | -13.30 | QP |
| 2 | 0.208 | 40.12 | 0.65 | 0.10 | 40.87 | 53.27 | -12.40 | Average |
| 3 | 0.437 | 46.19 | 0.57 | 0.10 | 46, 86 | 57.11 | -10.25 | QP |
| 4 | 0.437 | 39.64 | 0.57 | 0.10 | 40.31 | 47.11 | -6.80 | Average |
| 5 | 1.054 | 41.17 | 0.47 | 0.10 | 41.74 | 56.00 | -14.26 | QP |
| 2 3 4 5 6 7 8 9 | 1.054 | 34.21 | 0.47 | 0.10 | 34.78 | 46.00 | -11.22 | Average |
| 7 | 2.110 | 36.96 | 0.39 | 0.10 | 37.45 | 56.00 | -18.55 | QP |
| 8 | 2.110 | 28.36 | 0.39 | 0.10 | 28.85 | 46.00 | -17.15 | Average |
| 9 | 5.031 | 40.51 | 0.30 | 0.10 | 40.91 | 60.00 | -19.09 | QP |
| 10 | 5.031 | 32.59 | 0.30 | 0.10 | 32.99 | 50.00 | -17.01 | Average |
| 11 | 26.001 | 33.37 | 0.12 | 0.21 | 33.70 | 60.00 | -26.30 | QP |
| 12 | 26.001 | 25.36 | 0.12 | 0.21 | 25.69 | 50.00 | -24.31 | Average |



Report No: GTSE11090077602

Project No.: GTSE110900776RF

Neutral:



Condition : EN 55022 CLASSB QP LISN(2011) NEUTRAL

Inb No.

| Remark | Freq | GSM850 Read Level dBuV | LISN Factor | Cable Loss | Level dBuV | Limit Line | Over Limit | Remark |
|----------------------------|--------|---------------------------------|----------------|---------------|---------------|---------------|---------------|---------|
| - | | 45 50 | 0.45 | | 10.05 | 40.00 | 11.00 | 0.00 |
| 1 | 0.209 | 47.52 | 0.65 | 0.10 | 48.27 | | -14.96 | |
| 2 | 0.209 | 40.12 | 0.65 | 0.10 | 40.87 | 53. 23 | -12.36 | Average |
| 3 | 0.346 | 46.97 | 0.60 | 0.10 | 47.67 | 59.05 | -11.38 | QP |
| 4 | 0.346 | 38.65 | 0.60 | 0.10 | 39.35 | 49.05 | -9.70 | Average |
| 5 | 0.415 | 47.46 | 0.58 | 0.10 | 48.14 | 57.55 | | |
| 2 3 4 5 6 7 | 0.415 | 38.68 | 0.58 | 0.10 | 39.36 | 47.55 | -8.19 | Average |
| 7 | 0.899 | 41.71 | 0.49 | 0.10 | 42.30 | 56.00 | -13.70 | |
| 8 9 | 0.899 | 34.02 | 0.49 | 0.10 | 34.61 | 46.00 | -11.39 | Average |
| 9 | 5.419 | 43.60 | 0.29 | 0.11 | 44.00 | | -16.00 | |
| 10 | 5.419 | 35.13 | 0.29 | 0.11 | 35.53 | | | Average |
| 11 | 26.001 | 34.96 | 0.12 | 0.21 | 35.29 | | -24.71 | |
| 12 | 26.001 | 26.58 | 0.12 | 0.21 | 26.91 | | | Äverage |

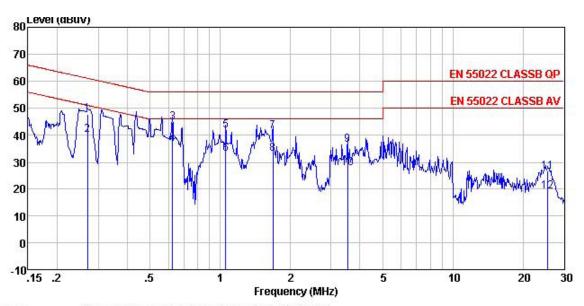


Report No: GTSE11090077602

Project No.: GTSE110900776RF

Test mode: PCS1900

Line:



Condition : EN 55022 CLASSB QP LISN(2011) LINE

Tob No. : 776RF

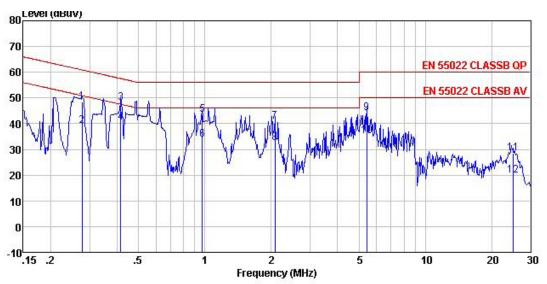
Remark : PCS1900

| | Freq | Read Level | LISN Factor | Cable Loss | Level | Limit Line | Over Limit | Remark |
|--------------------------------------|--------|---------------|----------------|---------------|-------|---------------|---------------|---------|
| 32 | MHz | dBuV | dB | dB | dBuV | dBuV | dB | |
| 1 | 0.270 | 47.09 | 0.62 | 0.10 | 47.81 | 61.12 | -13.31 | QP |
| 2 | 0.270 | 39.46 | 0.62 | 0.10 | 40.18 | 51.12 | -10.94 | Average |
| 3 | 0.624 | 44.32 | 0.53 | 0.10 | 44.95 | 56.00 | -11.05 | QP |
| 4 | 0.624 | 36.27 | 0.53 | 0.10 | 36.90 | 46.00 | -9.10 | Average |
| 5 | 1.054 | 41.17 | 0.47 | 0.10 | 41.74 | 56.00 | -14.26 | QP |
| 2 3 4 5 6 7 8 9 | 1.054 | 32.56 | 0.47 | 0.10 | 33.13 | 46.00 | -12.87 | Average |
| 7 | 1.680 | 41.11 | 0.42 | 0.10 | 41.63 | 56.00 | -14.37 | QP |
| 8 | 1.680 | 32.56 | 0.42 | 0.10 | 33.08 | 46.00 | -12.92 | Average |
| 9 | 3.547 | 36.15 | 0.34 | 0.10 | 36.59 | 56.00 | -19.41 | QP |
| 10 | 3.547 | 27.47 | 0.34 | 0.10 | 27.91 | 46.00 | -18.09 | Average |
| 11 | 25.591 | 26.34 | 0.12 | 0.21 | 26.67 | 60.00 | -33.33 | QP |
| 12 | 25.591 | 18.49 | 0.12 | 0.21 | 18.82 | 50.00 | -31.18 | Average |



Report No: GTSE11090077602

Neutral



Condition : EN 55022 CLASSB QP LISN(2011) NEUTRAL

Job No. : 776RF

Remark : PCS1900

| | Freq | Read Level | LISN Factor | Cable Loss | Level | Limit Line | Over Limit | Remark |
|--------------------------------------|--------|---------------|----------------|---------------|-------|---------------|---------------|---------|
| | MHz | dBuV | dB | dB | dBuV | dBuV | dB | - |
| 1 | 0.277 | 47.86 | 0.62 | 0.10 | 48.58 | 60.90 | -12.32 | QP |
| 2 | 0.277 | 38.29 | 0.62 | 0.10 | 39.01 | 50.90 | -11.89 | Average |
| 3 | 0.415 | 47.46 | 0.58 | 0.10 | 48.14 | 57.55 | -9.41 | QP |
| 4 | 0.415 | 39.67 | 0.58 | 0.10 | 40.35 | 47.55 | -7.20 | Average |
| 2 3 4 5 6 7 8 9 | 0.974 | 42.80 | 0.48 | 0.10 | 43.38 | 56.00 | -12.62 | QP |
| 6 | 0.974 | 33.37 | 0.48 | 0.10 | 33.95 | 46.00 | -12.05 | Average |
| 7 | 2.077 | 40.43 | 0.40 | 0.10 | 40.93 | 56.00 | -15.07 | QP |
| 8 | 2.077 | 32.17 | 0.40 | 0.10 | 32.67 | 46.00 | -13.33 | Average |
| 9 | 5.419 | 43.60 | 0.29 | 0.11 | 44.00 | 60.00 | -16.00 | QP |
| 10 | 5.419 | 34.89 | 0.29 | 0.11 | 35.29 | 50.00 | -14.71 | Average |
| 11 | 24.922 | 28.23 | 0.12 | 0.21 | 28.56 | 60.00 | -31.44 | QP |
| 12 | 24.922 | 19.66 | 0.12 | 0.21 | 19.99 | 50.00 | -30.01 | Average |

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