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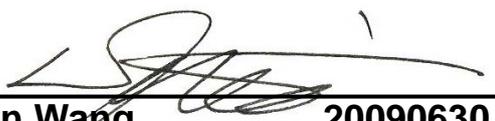
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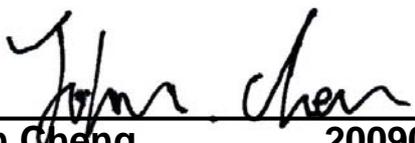
P22 & P24 Test Report



| | |
|------------------------------|---|
| Test Report No. | : 0906FR14-02 |
| Applicant | : HTC Corporation |
| Manufacturer | : HTC Corporation |
| Model Name | : PDA Phone |
| Trade Mark | : HTC |
| Model Number | : CLIC100 |
| FCC ID | : NM8CKV |
| Dates of Test | : Jun. 08 ~ Jun. 24, 2009 |
| Test Specification | : 47 CFR Part 22H & 24E and Part 2 ANSI/TIA-603-C-2004 |
| Location of Test Lab. | : Chang-an Lab. |

1. The test operations have to be performed with cautious behavior, the test results are as attached.
2. The test results are under chamber environment of A Test Lab Techno Corp. A Test Lab Techno Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples.
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Kevin Wang **20090630**
Approve Signer


John Cheng **20090630**
Testing Engineer



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1. General Information

Applicant :

HTC Corporation

No. 23, Xinghua Rd., Taoyuan City, Taoyuan County 330, Taiwan, R.O.C.

| | |
|--|--|
| Manufacturer | : HTC Corporation No. 23, Xinghua Rd., Taoyuan City, Taoyuan County 330, Taiwan, R.O.C. |
| Product Name | : PDA Phone |
| Trade Mark | : HTC |
| Model Number | : CLIC100 |
| FCC ID | : NM8CKV |
| IMEI No | : 358355020015596 |
| Hardware Version | : XD |
| Software Version | : 13.15.55.03H_1.35.03.06 |
| Antenna Type | : Planar Inverted-F Antenna (PIFA) |
| Antenna Gain | : 0 dBi (GSM/GPRS/EGPRS 850) 1 dBi (PCS/GPRS/EGPRS 1900) |
| TX Frequency | : 824.2 - 848.8 MHz (GSM/GPRS/EGPRS 850) 1850.2 - 1909.8 MHz (PCS/GPRS/EGPRS 1900) |
| RX Frequency | : 869.2 - 893.8 MHz (GSM/GPRS/EGPRS 850) 1930.2 - 1989.8 MHz (PCS/GPRS/EGPRS 1900) |
| Maximum Output Power to Antenna (Conducted) | : 33.50 dBm / 2.239W (GSM/GPRS 850) 30.30 dBm / 1.072 W (PCS/GPRS 1900) 26.27 dBm / 0.424W (EGPRS 850) 25.21 dBm / 0.332 W (EGPRS 1900) |
| Max. ERP/EIRP Power | : 1.445 W / 31.60 dBm ERP (GSM/GPRS 850) 0.345 W / 25.38 dBm ERP (EGPRS 850) 1.967 W / 32.94 dBm EIRP (PCS/GPRS 1900) 0.452 W / 26.55 dBm EIRP (EGPRS 1900) |



| | |
|--|--|
| Type of Emission | : 248KGXW (GSM 850) 248KG7W (EGPRS 850) 248KGXW (PCS 1900) 248KG7W (EGPRS 1900) |
| Power Rating (DC , Voltage and Current of RF element or PA) | : 3.7 Vdc / 1100 mA (Li-ion Battery) |
| Digital Modulation Emission | : GMSK / 8PSK |
| Power Supply Type | : AC Adapter |
| DC Power Cord | : 1.2 meter, USB Cable |
| Adapter | : PHIHONG TECHNOLOGY CO., LTD. Model: PSAI05R-050Q Input: 100-240Vac 50/60Hz 0.3A, Output: 5Vdc 1A |
| DUT Stage | : Production Unit |

Difference Description of EUT

The model (HTC CLIC100) have different components source. The other circuit designed is the same. Sample No.1 & Sample No.2 is use difference components (list below).

| Component Name | Component Model No. | |
|----------------|------------------------|---------------------------|
| | Sample 1 st | Sample 2 nd |
| LCD Panel | Samsung / LMS276GF02 | Wintek / WD-F2432Z7-6FLWa |
| Camera | LiteOn / 08PF05 | Foxconn / CMHT-30M00D |
| USB Cable | MEC / DC U200 | Foxlink / DC U200 |



2. Test Configuration of Equipment under Test

2.1 Test Manner

1. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range.
2. During all testing, EUT is in link mode with base station emulator at maximum power level. (PCL=5 for GSM 850 or PCL=0 for PCS 1900)
3. Frequency range investigated: radiated emission 30 MHz to 9000 MHz for GSM850; 30MHz to 19000 MHz for PCS 1900.

2.2 Test Mode

Preliminary tests were performed in different data mode to find the worst case. The data mode shown in the table below is the **worst-case rate (Blue color)**. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

| Output power (Peak Power) | | | | | | | |
|---------------------------|-----------|-------------|-----------------|-----------------|--------------|-------------------------------------|--|
| Band | Data Rate | Channel | Frequency (MHz) | Conducted Power | | Worst Case | |
| | | | | (dBm) | (W) | | |
| GSM 850 | ----- | Lowest 128 | 824.20 | 33.40 | 2.188 | <input type="checkbox"/> | |
| | | Middle 190 | 836.40 | 33.50 | 2.239 | <input checked="" type="checkbox"/> | |
| | | Highest 251 | 848.80 | 33.50 | 2.239 | <input checked="" type="checkbox"/> | |
| GPRS 850 | 3Down2Up | Lowest 128 | 824.20 | 33.30 | 2.138 | <input type="checkbox"/> | |
| | | Middle 190 | 836.40 | 33.40 | 2.188 | <input type="checkbox"/> | |
| | | Highest 251 | 848.80 | 33.40 | 2.188 | <input type="checkbox"/> | |
| EGPRS 850 | 3Down2Up | Lowest 128 | 824.20 | 26.25 | 0.422 | <input type="checkbox"/> | |
| | | Middle 190 | 836.40 | 26.27 | 0.424 | <input type="checkbox"/> | |
| | | Highest 251 | 848.80 | 26.23 | 0.420 | <input type="checkbox"/> | |

| Output power (Peak Power) | | | | | | |
|---------------------------|-----------|-------------|-----------------|-----------------|-------|------------|
| Band | Data Rate | Channel | Frequency (MHz) | Conducted Power | | Worst Case |
| | | | | (dBm) | (W) | |
| PCS 1900 | ----- | Lowest 512 | 1850.20 | 30.30 | 1.072 | ■ |
| | | Middle 661 | 1880.00 | 30.30 | 1.072 | ■ |
| | | Highest 810 | 1909.80 | 30.10 | 1.023 | □ |
| GPRS 1900 | 3Down2Up | Lowest 512 | 1850.20 | 30.20 | 1.047 | □ |
| | | Middle 661 | 1880.00 | 29.90 | 0.977 | □ |
| | | Highest 810 | 1909.80 | 30.10 | 1.023 | □ |
| EGPRS 1900 | 3Down2Up | Lowest 512 | 1850.20 | 25.15 | 0.327 | □ |
| | | Middle 661 | 1880.00 | 25.21 | 0.332 | □ |
| | | Highest 810 | 1909.80 | 25.08 | 0.322 | □ |

2.3 Connection Diagram of Test System

Conducted Emission Test Setup

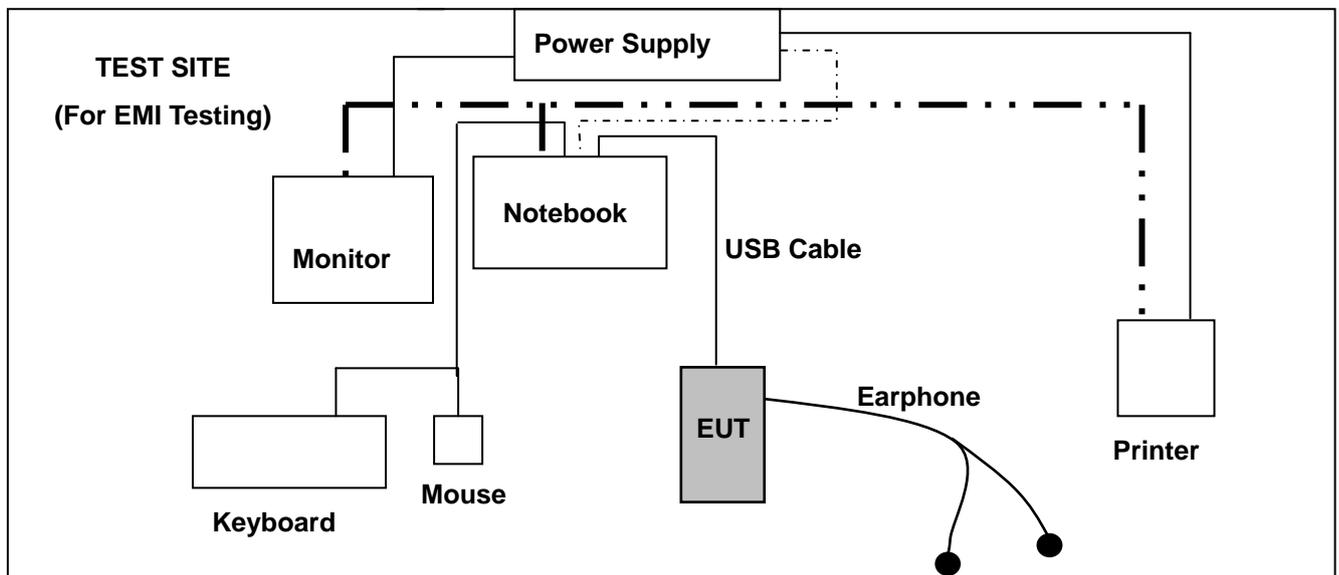
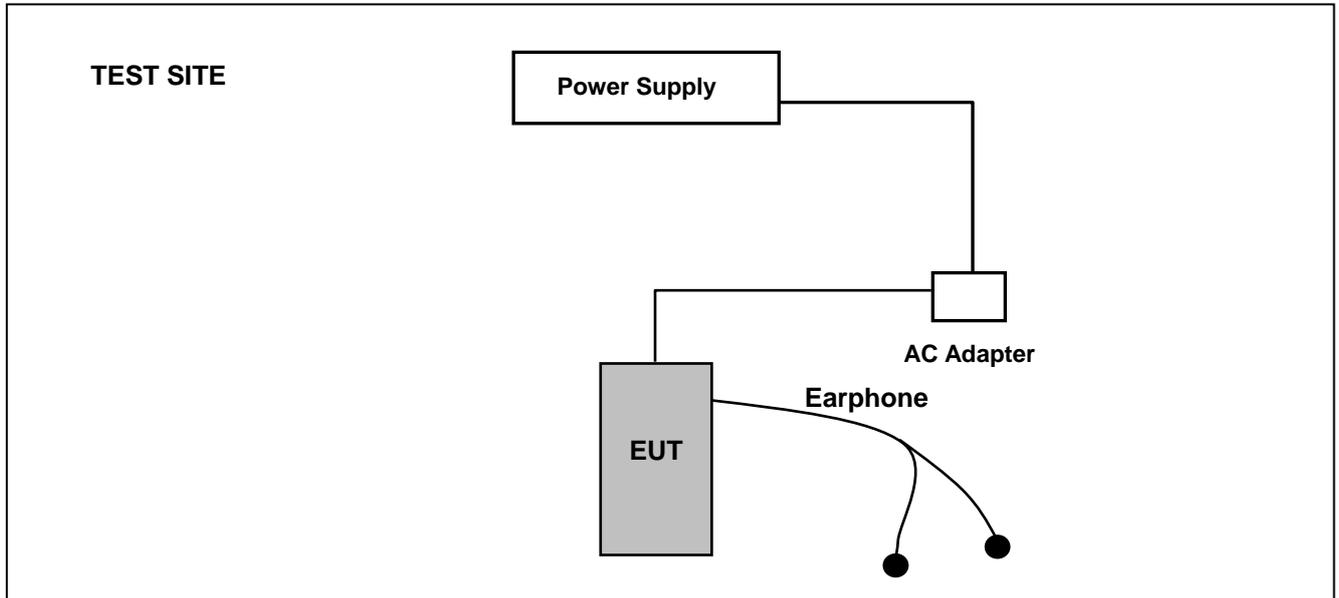


Figure 1. Configuration of System Under Test for PC USB Link

During EMI testing the EUT (PDA Phone)'s USB port connected to the USB port of Notebook & Earphone port connected to earphone. A mouse was connected to the mouse port of Notebook. And a keyboard was connected to the mouse port of Notebook. And a printer was connected to the parallel port.

Radiated Emission Test Setup



During testing the EUT (PDA Phone)'s Power port was connected to AC Adapter. EUT (PDA Phone)'s Earphone port connected to earphone.

2.4 Ancillary Equipment List

1. Base Station(R&S) CMU200 106656
2. Power Supply (GW) 12P3A H281001



3. General Information of Test Site

Test Site Location: No. 140 -1, Changan Street, Bade City, Taoyuan County, Taiwan R.O.C.
TEL: 886-3-271-0188 FAX: 886-3-271-0190

Registration Number : 854525
Designation Number : TW1330

The chamber meets the characteristics of ANSI C63.4-2006. This site is on file with the FCC.

3.1 Test Voltage

DC 3.7 Vdc / 1100m A

3.2 Test in Compliance with

47 CFR Part 22H, 24E and Part 2, ANSI/TIA-603-C-2004

3.3 Frequency Range Investigated

1. Radiation: from 30 MHz to 9000 MHz for GSM/GPRS/EGPRS 850.
2. Radiation: from 30 MHz to 19000 MHz for PCS/GPRS/EGPRS 1900.

3.4 Test Distance

The test distance of radiated emission from antenna to EUT is 3 m.



4. Test Data and Test Result

4.1 List of Measurements and Examinations

| FCC Rule | Description Of Test | Result (*) | | Section |
|-------------------------------------|--|------------------------|------------------------|---------|
| | | Sample 1 st | Sample 2 nd | |
| § 2.1046 | RF Output Power | Passed | N/A | 4.2 |
| § 22.913 § 24.232 | ERP / EIRP | Passed | N/A | 4.3 |
| § 2.1049 § 22.917 § 24.238(b) | Occupied Bandwidth & Band Edge Measurement | Passed | N/A | 4.4 |
| § 2.1051 | Conducted Emission | Passed | N/A | 4.5 |
| § 2.1053 | Field Strength of Spurious Radiation | Passed | Passed | 4.6 |
| § 2.1055 § 22.355 § 24.235 | Frequency Stability vs. Temperature | Passed | N/A | 4.7 |
| § 2.1055 § 22.355 § 24.235 | Frequency Stability vs. Voltage | Passed | N/A | 4.8 |
| § 15.207 | AC Power Conducted Emissions Requirements | Passed | N/A | 4.9 |

* Tested sample 1st and sample 2nd by Field Strength of Spurious Radiation request. The sample 1st is worst case. The other FCC Rule is tested sample 1st and recorded in the report.

4.2 RF Output Power

4.2.1 Measurement Instruments :

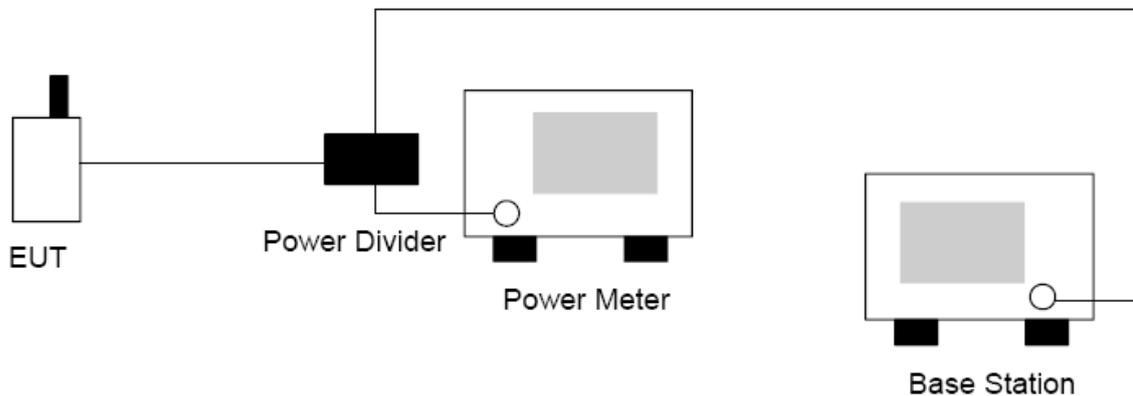
As described in chapter 5 of this test report.

4.2.2 Test Procedure :

The measurement is made according to ANSI/TIA-603-C-2004 as follows:

1. The transmitter output was connected to power meter and base station through power divider.
2. Set base station for EUT at GSM 850: PCL=5 and PCS 1900: PCL=0.
3. Set base station for EUT at WCDMA Band V and WCDMA Band II, power level was set to maximum.
4. Select lowest, middle, and highest channels for each band.

4.2.3 Test Setup Layout :





4.2.4 Test Result :

Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : GSM /GPRS/EGPRS 850 (Low CH128 / Middle CH 190 / High CH 251)
 Test Date : 06/09/2009

| Bands | Channel | Frequency (MHz) | | Conducted Power (dBm) | Conducted Power (Watts) |
|-----------|---------|-----------------|-------|-----------------------|-------------------------|
| GSM 850 | 128 | Low | 824.2 | 33.40 | 2.188 |
| | 190 | Mid | 836.4 | 33.50 | 2.239 |
| | 251 | High | 848.8 | 33.50 | 2.239 |
| GPRS 850 | 128 | Low | 824.2 | 33.30 | 2.138 |
| | 190 | Mid | 836.4 | 33.40 | 2.188 |
| | 251 | High | 848.8 | 33.40 | 2.188 |
| EGPRS 850 | 128 | Low | 824.2 | 26.25 | 0.422 |
| | 190 | Mid | 836.4 | 26.27 | 0.424 |
| | 251 | High | 848.8 | 26.23 | 0.420 |

Note: The testing result was used peak detector.



Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : PCS/GPRS/EGPRS 1900 (Low CH512 / Middle CH661 / High CH 810)
Test Date : 06/09/2009

| Bands | Channel | Frequency (MHz) | | Conducted Power (dBm) | Conducted Power (Watts) |
|------------|---------|-----------------|--------|-----------------------|-------------------------|
| GSM 1900 | 512 | Low | 1850.2 | 30.30 | 1.072 |
| | 661 | Mid | 1880.0 | 30.30 | 1.072 |
| | 810 | High | 1909.8 | 30.10 | 1.023 |
| GPRS 1900 | 512 | Low | 1850.2 | 30.20 | 1.047 |
| | 661 | Mid | 1880.0 | 29.90 | 0.977 |
| | 810 | High | 1909.8 | 30.10 | 1.023 |
| EGPRS 1900 | 512 | Low | 1850.2 | 25.15 | 0.327 |
| | 661 | Mid | 1880.0 | 25.21 | 0.332 |
| | 810 | High | 1909.8 | 25.08 | 0.322 |

Note: The testing result was used peak detector.



4.3 ERP / EIRP Measurement

Equivalent isotropic radiated power measurements by substitution method according to ANSI/TIA/EIA-603-B-2002.

4.3.1 Measurement Instruments

As described in chapter 5 of this test report.

4.3.2 Test Procedure

The phone was tested in an anechoic chamber with a 3-axis position system that permits taking complete spherical scans of the EUT's 3-axis radiation patterns. For all tests, the phone was supported in a free space type environment, vertically oriented in the chamber. Tests were done for GSM 850 three frequencies (824.2, 836.6 and 848.8 MHz) and GSM 1900 three frequencies (1850.2, 1880.00, and 1909.80 MHz).

GSM measurements were made with the phone placed in a call using the CMU200 mobile station test set. The phone was weakly coupled to the test set and configured to transmit in full data rate mode.

The radiated power was measured using ETS-LINDGREN OTA Chamber in "Peak" mode. From these measurements, the software calculates the angle at which maximum radiated power occurs for each case, and the radiated power at this angle was extracted from the data.

Each individual data point in a radiated power or sensitivity measurement is referred to as the effective isotropic radiated power or effective isotropic sensitivity. That is, the desired information is how the measured quantity relates to the same quantity from an isotropic radiator. Thus, the reference measurement must relate the power received or transmitted at the EUT test equipment (spectrum analyzer or communication tester) back to the power transmitted or received at a theoretical isotropic radiator. The total path loss then, is just the difference in dB between the power transmitted or received at the isotropic radiator and that seen at the test equipment (see follow Figure 1).

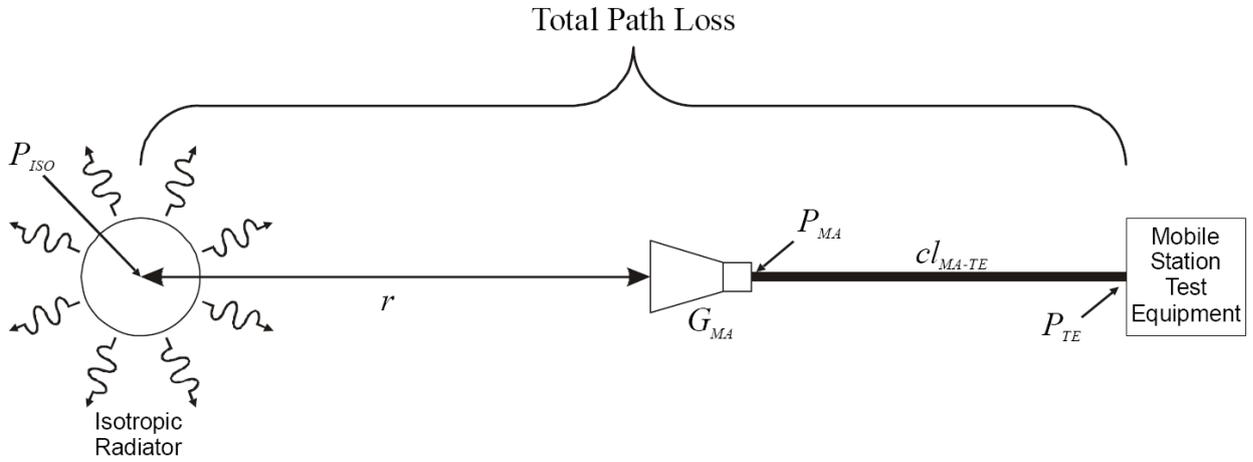


Figure 1. THEORETICAL CASE FOR DETERMINING PATH LOSS

In equation form, this becomes:

Equation 1

$$PL = P_{ISO} - P_{TE},$$

where PL is the total path loss, P_{ISO} is the power radiated by the theoretical isotropic radiator, and P_{TE} is the power received at the test equipment port. As can be seen in Figure 1, this quantity includes the range path loss due to the range length r , the gain of the measurement antenna, and any loss terms associated with the cabling, connections, amplifiers, splitters, etc. between the measurement antenna and the test equipment port.

Figure 2 shows a typical real world configuration for measuring the path loss. In this case, a reference antenna with known gain is used in place of the theoretical isotropic source. The path loss may then be determined from the power into the reference antenna by adding the gain of the reference antenna.

That is:

Equation 2

$$P_{ISO} = P_{RA} + G_{RA},$$

where P_{RA} is the power radiated by reference antenna, and G_{RA} is the gain of the reference antenna, so that:

Equation 3

$$PL = P_{RA} + G_{RA} - P_{TE},$$

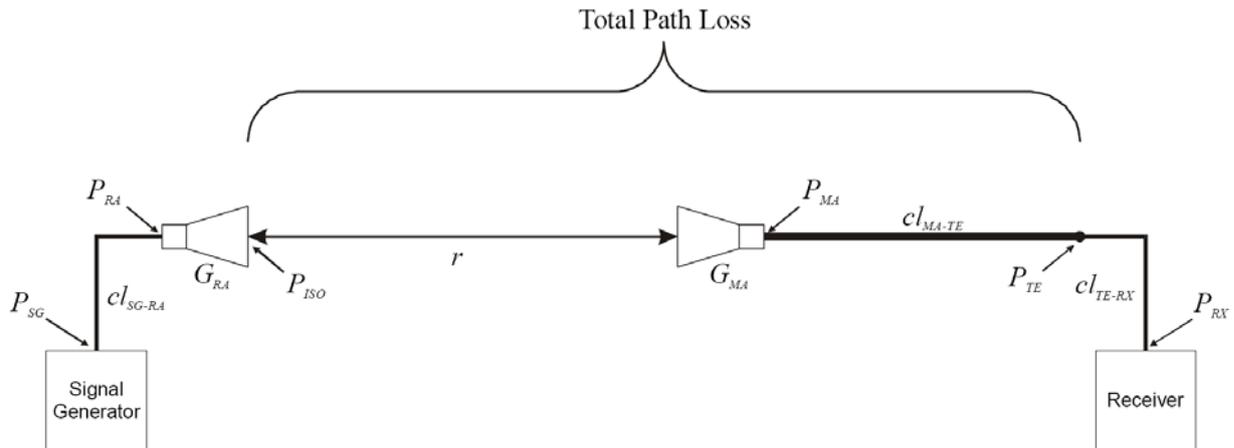


Figure 2. TYPICAL CONFIGURATION FOR MEASURING PATH LOSS

In order to determine P_{RA} , it is necessary to perform a cable reference measurement to remove the effects of the cable loss between signal generator and reference antenna, and between the test equipment port and the receiver. This establishes a reference point at the input to the reference antenna. Figure 3 illustrates the cable reference measurement configuration. Assuming the power level at the signal generator is fixed, it is easy to show that the difference between P_{RA} and P_{TE} in Figure 2 is given by:

Equation 4

$$P_{RA} - P_{TE} = P_{RX}' - P_{RX},$$

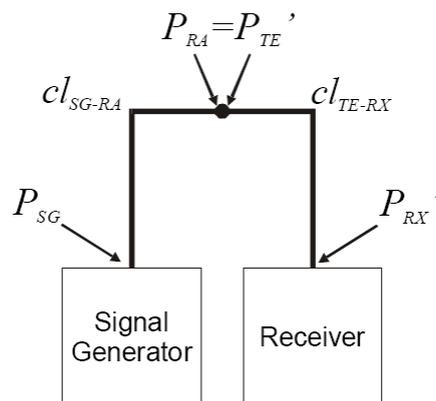


Figure 3. CABLE REFERENCE CALIBRATION CONFIGURATION

Where P_{RX} is the power measured at the receiver during the cable reference test, and P_{RX} is the power measured at the receiver during the range path loss measurement in Figure 2. Thus, the path loss is then just given by:

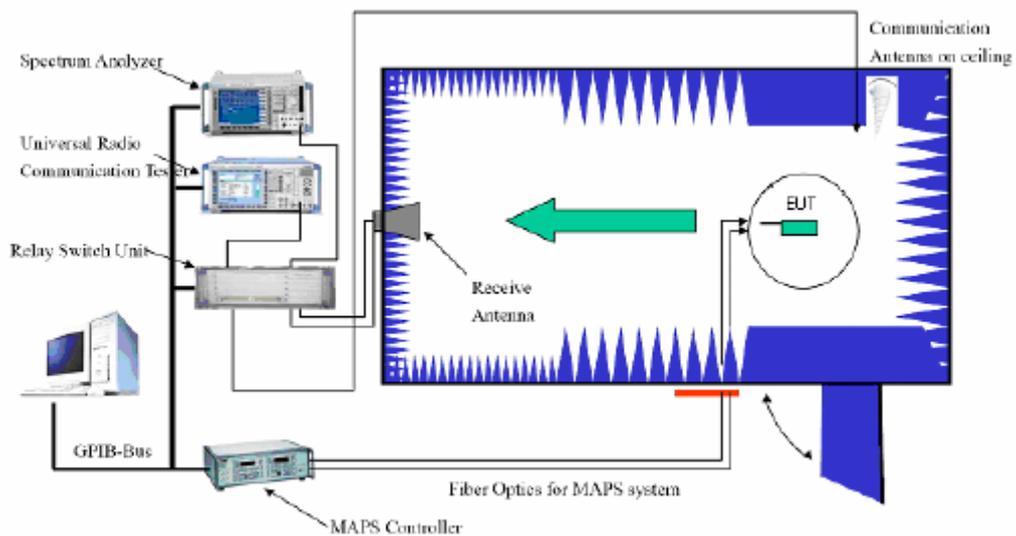
Equation 5

$$PL = G_{RA} + P_{RX}' - P_{RX}$$

$$EIRP = P_t + P_L$$

P_t = Often referred to as antenna output power

4.3.3 Test Setup Layout of ERP/EIRP





4.3.4 Test Result

Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : GSM 850 (Low CH128 / Middle CH 190 / High CH 251)
 Test Date : 06/09/2009

| GSM 850 Radiated Power ERP | | | | |
|----------------------------|------------------|-------------------------|-----------|---------|
| Maximum Output Power | | | | |
| Frequency (MHz) | Read Level (dBm) | Correction factor (dBm) | ERP (dBm) | ERP (W) |
| 824.20 | 80.83 | -49.50 | 31.33 | 1.358 |
| 836.40 | 81.30 | -49.70 | 31.60 | 1.445 |
| 848.80 | 81.17 | -49.70 | 31.47 | 1.403 |

Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : EGPRS 850 (Low CH128 / Middle CH 190 / High CH 251)
 Test Date : 06/09/2009

| EGPRS 850 Radiated Power ERP | | | | |
|------------------------------|------------------|-------------------------|-----------|---------|
| Maximum Output Power | | | | |
| Frequency (MHz) | Read Level (dBm) | Correction factor (dBm) | ERP (dBm) | ERP (W) |
| 824.20 | 74.46 | -49.50 | 24.96 | 0.313 |
| 836.40 | 74.81 | -49.70 | 25.11 | 0.324 |
| 848.80 | 75.08 | -49.70 | 25.38 | 0.345 |

Note:

1. ERP/EIRP = Read Level + Correction factor.
2. For CDMA signals, a peak detector is used, with RBW = VBW = 3 MHz.
3. For WCDMA signals, a peak detector is used with RBW = VBW = 5MHz.
4. For AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW= 1 MHz.



Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : PCS 1900 (Low CH512 / Middle CH661 / High CH 810)
 Test Date : 06/09/2009

| PCS 1900 Radiated Power EIRP | | | | |
|------------------------------|------------------|-------------------------|------------|----------|
| Maximum Output Power | | | | |
| Frequency (MHz) | Read Level (dBm) | Correction factor (dBm) | EIRP (dBm) | EIRP (W) |
| 1850.20 | 87.29 | -55.40 | 31.89 | 1.544 |
| 1880.00 | 88.02 | -55.60 | 32.42 | 1.747 |
| 1909.80 | 88.64 | -55.70 | 32.94 | 1.967 |

Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : EGPRS 1900 (Low CH512 / Middle CH661 / High CH 810)
 Test Date : 06/09/2009

| EGPRS 1900 Radiated Power EIRP | | | | |
|--------------------------------|------------------|-------------------------|------------|----------|
| Maximum Output Power | | | | |
| Frequency (MHz) | Read Level (dBm) | Correction factor (dBm) | EIRP (dBm) | EIRP (W) |
| 1850.20 | 81.82 | -55.40 | 26.42 | 0.439 |
| 1880.00 | 82.15 | -55.60 | 26.55 | 0.452 |
| 1909.80 | 82.08 | -55.70 | 26.38 | 0.435 |

Note:

1. ERP/EIRP = Read Level + Correction factor.
2. For CDMA signals, a peak detector is used, with RBW = VBW = 3 MHz.
3. For WCDMA signals, a peak detector is used with RBW = VBW = 5MHz.
4. For AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW= 1 MHz.

4.4 Occupied Bandwidth and Band Edge Measurement

4.4.1 Measurement Instruments

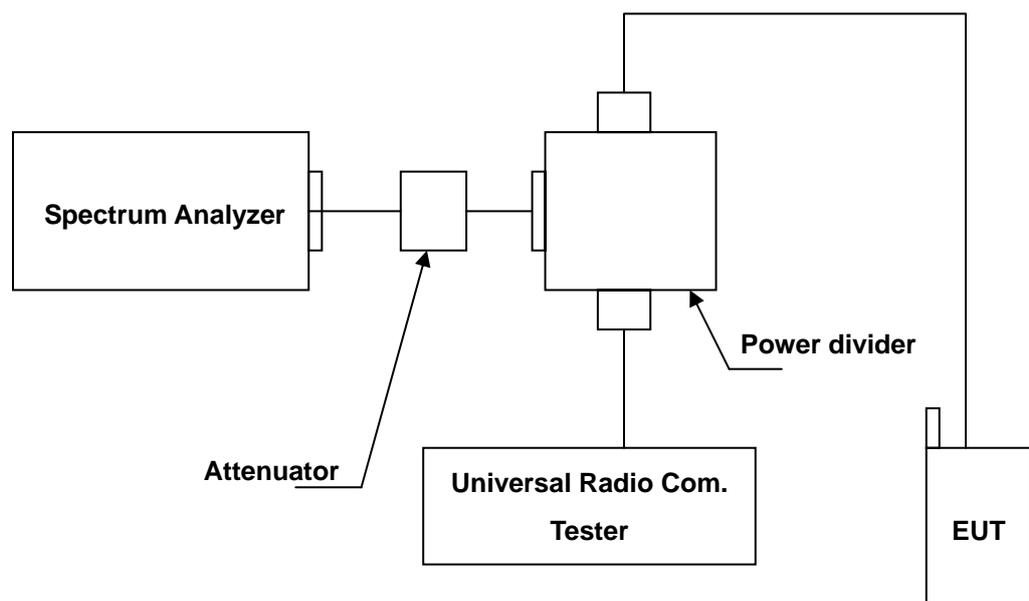
As described in chapter 5 of this test report.

4.4.2 Test Procedure

The measurement is made according to FCC rules part 22 and 24:

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The occupied bandwidth of middle channel for the highest and lowest RF powers was measured.
3. The band edge of low and high channels for the highest RF powers within the transmitting frequency band were measured. Setting RBW as roughly BW/100.
4. The band edge setting:
 - a. RB=3 kHz; VB=3 kHz for GSM 850 and PCS 1900.
 - b. RB=100 kHz; VB=100 kHz for WCDMA Band V and WCDMA Band II.

4.4.3 Test Setup Layout





4.4.4 Occupied Bandwidth Test Result

Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : GSM 850 (Low CH128 / Middle CH 190 / High CH 251)
 Test Date : 06/09/2009

| GSM 850 | | |
|---------------------|-----------------|---------------------------------------|
| Channel | Frequency (MHz) | Output Power - 26 dBc Bandwidth (kHz) |
| 128 | 824.2 | 245.2115 |
| 190 | 836.6 | 248.2065 |
| 251 | 848.8 | 243.1903 |
| RB:3KHz , VBW:10KHz | | |

Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : EGPRS 850 (Low CH128 / Middle CH 190 / High CH 251)
 Test Date : 06/11/2009

| EGPRS 850 (3Down2Up) | | |
|----------------------|-----------------|---------------------------------------|
| Channel | Frequency (MHz) | Output Power - 26 dBc Bandwidth (kHz) |
| 128 | 824.2 | 245.6583 |
| 190 | 836.6 | 243.4914 |
| 251 | 848.8 | 248.0964 |
| RB:3KHz , VBW:10KHz | | |



Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : PCS 1900 (Low CH512 / Middle CH661 / High CH 810)
Test Date : 06/09/2009

| PCS 1900 | | |
|---------------------|-----------------|---------------------------------------|
| Channel | Frequency (MHz) | Output Power - 26 dBc Bandwidth (kHz) |
| 512 | 1850.2 | 244.2323 |
| 661 | 1880.0 | 246.7343 |
| 810 | 1909.8 | 248.2080 |
| RB:3KHz , VBW:10KHz | | |

Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : EGPRS 1900 (Low CH512 / Middle CH661 / High CH 810)
Test Date : 06/11/2009

| EGPRS 1900 (3Down2Up) | | |
|-----------------------|-----------------|---------------------------------------|
| Channel | Frequency (MHz) | Output Power - 26 dBc Bandwidth (kHz) |
| 512 | 1850.2 | 247.2913 |
| 661 | 1880.0 | 246.0970 |
| 810 | 1909.8 | 248.0480 |
| RB:3KHz , VBW:10KHz | | |

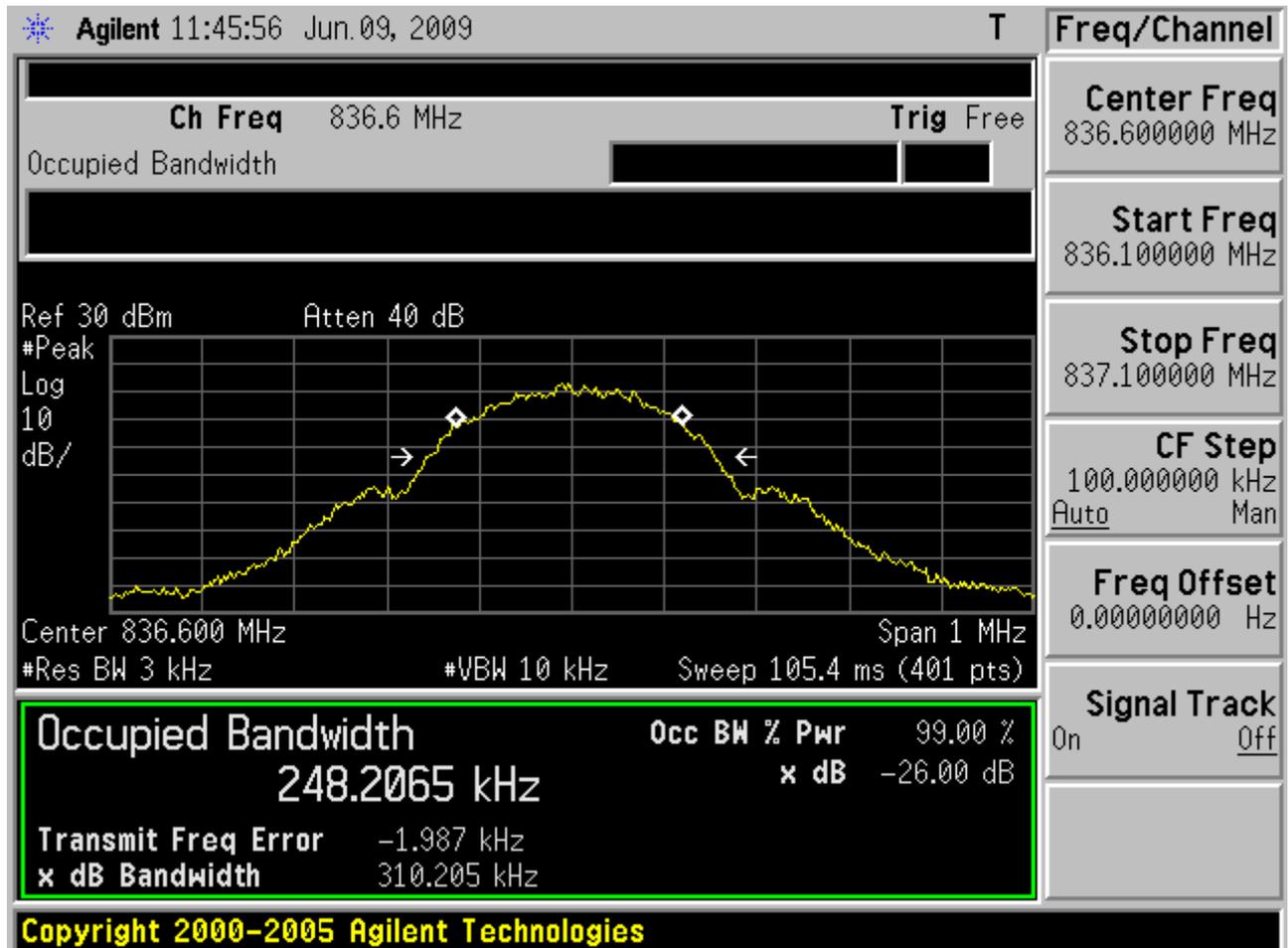


Test Mode: GSM 850 CH128 99% Occupied Bandwidth



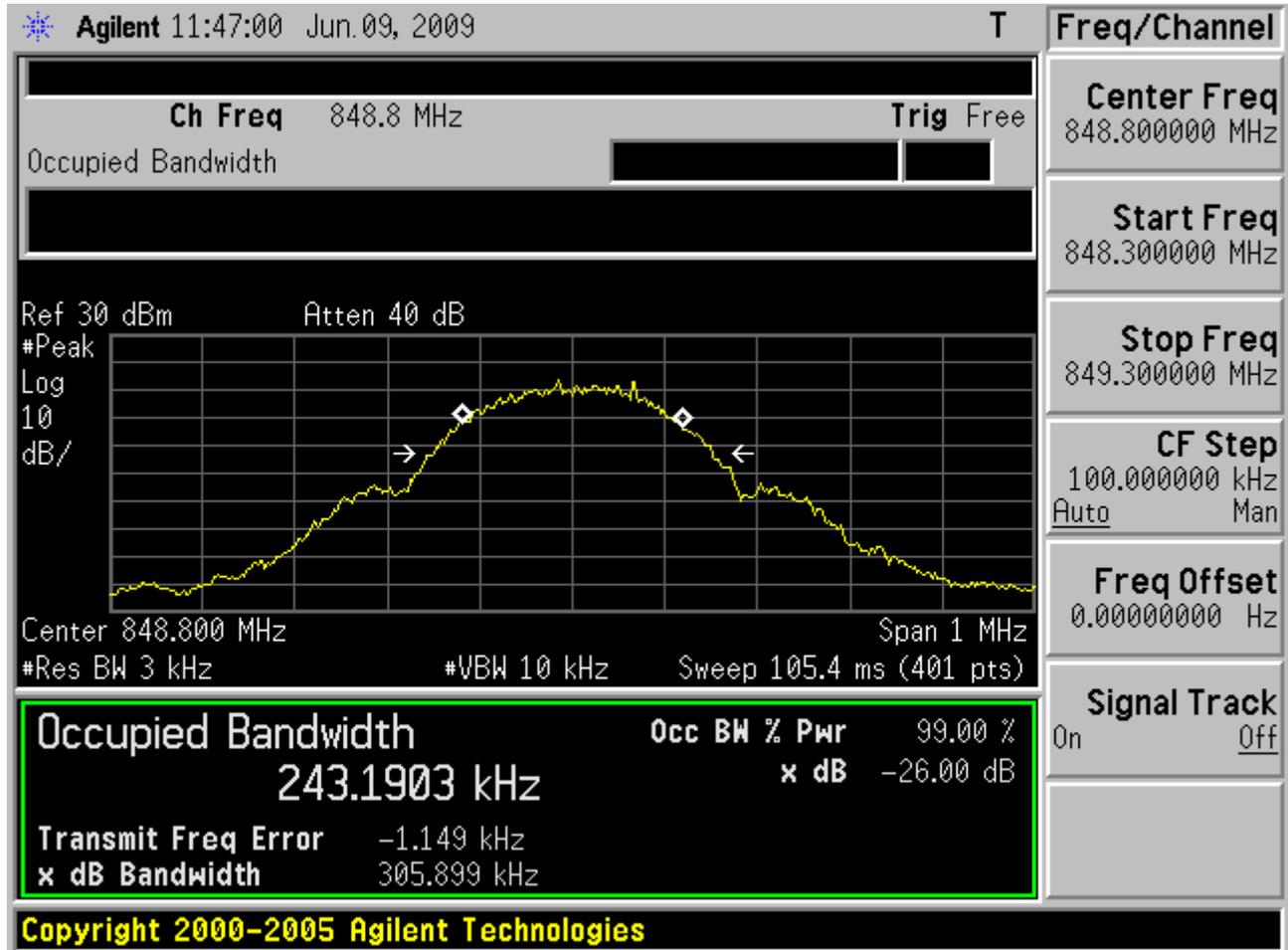


Test Mode: GSM 850 CH190 99% Occupied Bandwidth



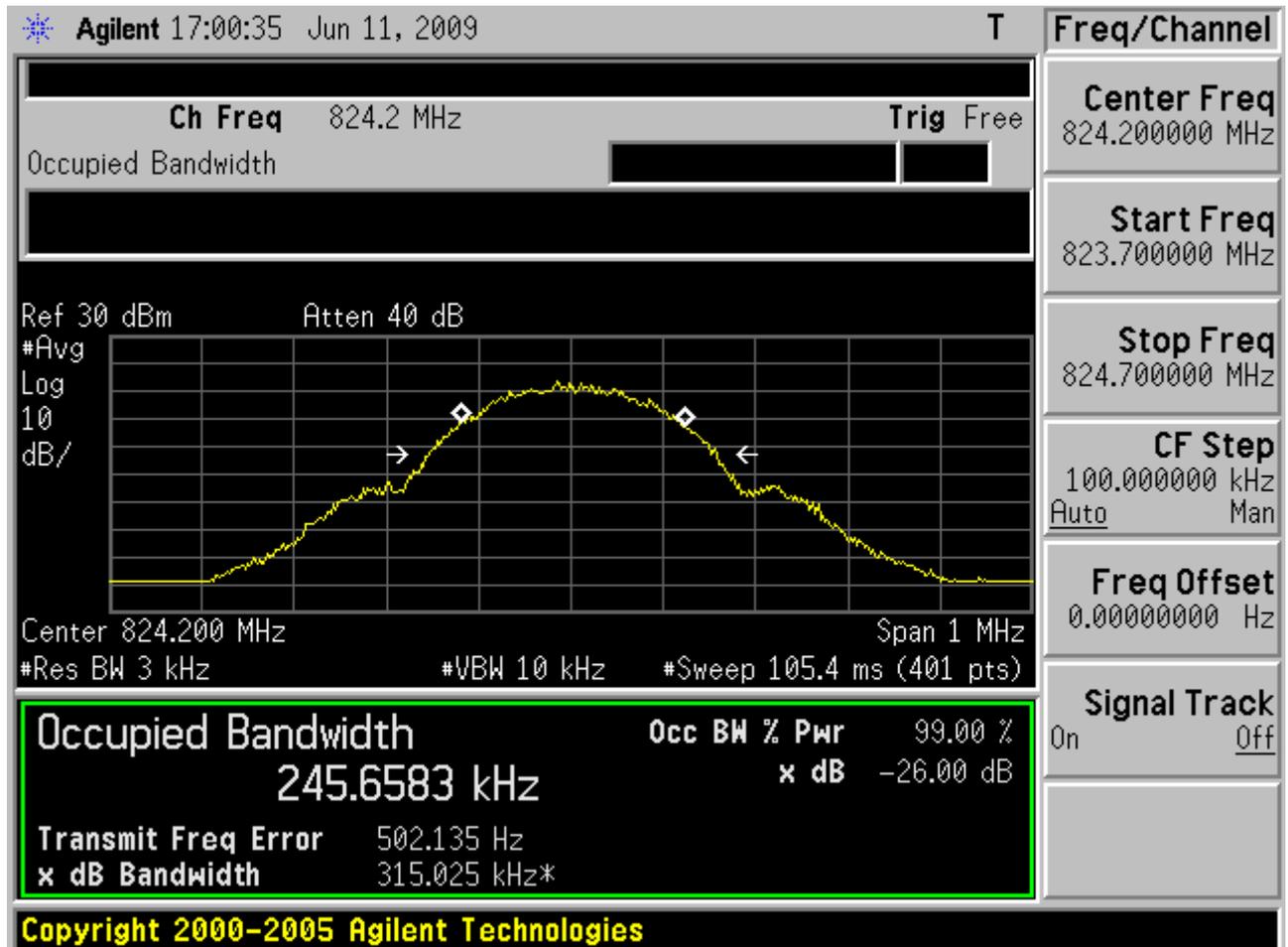


Test Mode: GSM 850 CH251 99% Occupied Bandwidth



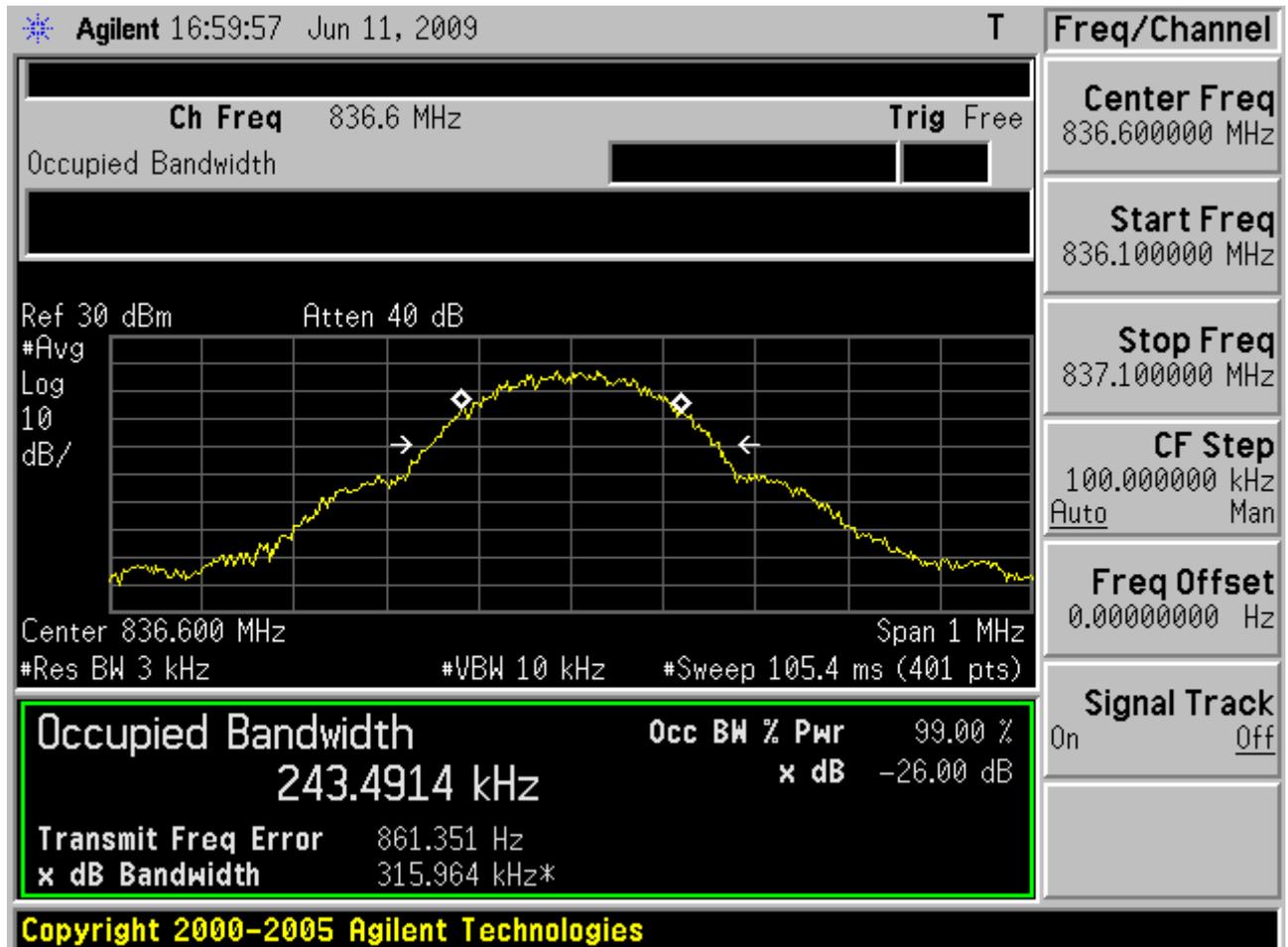


Test Mode: EGPRS 850 CH128 99% Occupied Bandwidth





Test Mode: EGPRS 850 CH190 99% Occupied Bandwidth



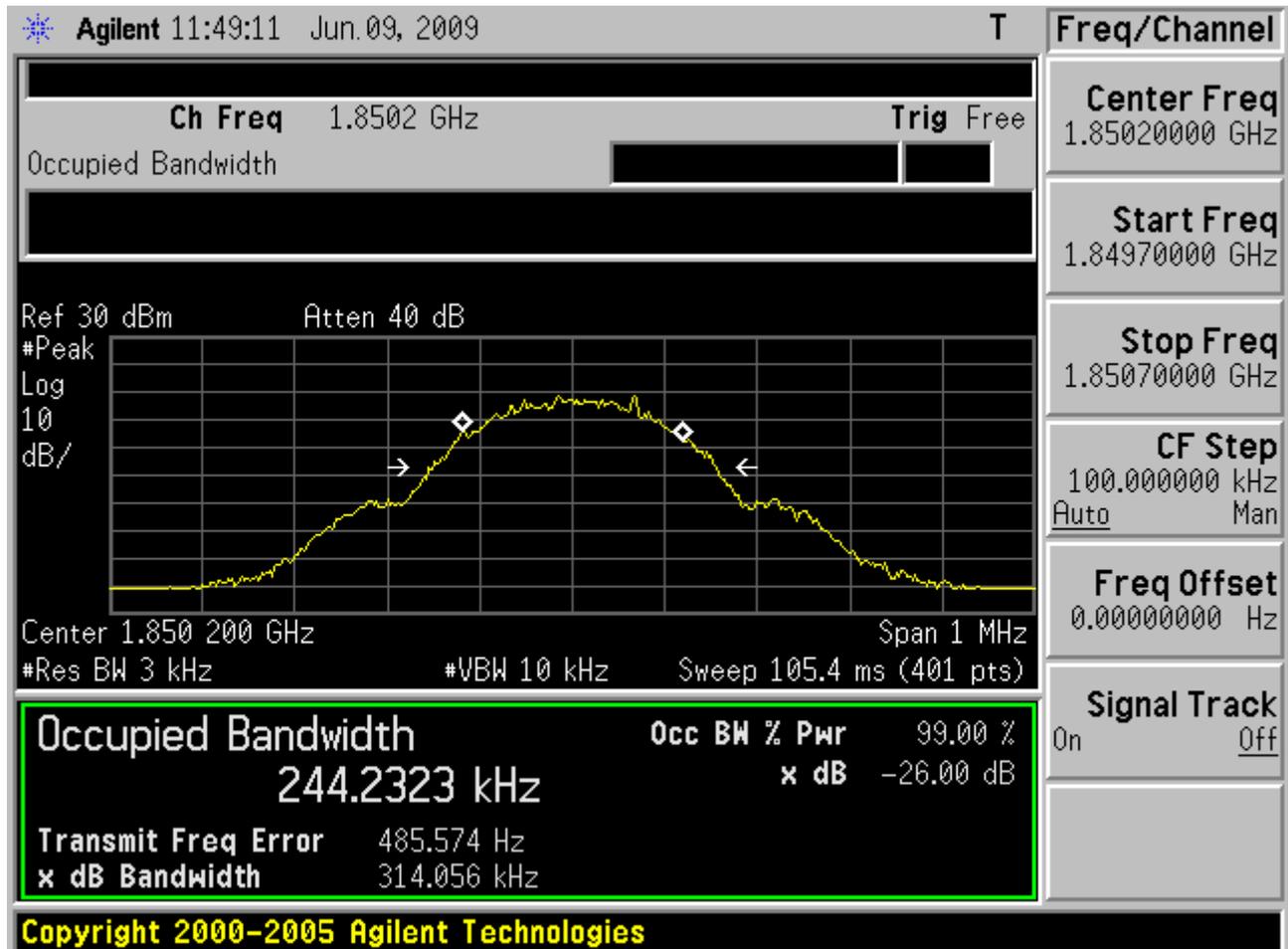


Test Mode: EGPRS 850 CH251 99% Occupied Bandwidth





Test Mode: PCS 1900 CH512 99% Occupied Bandwidth



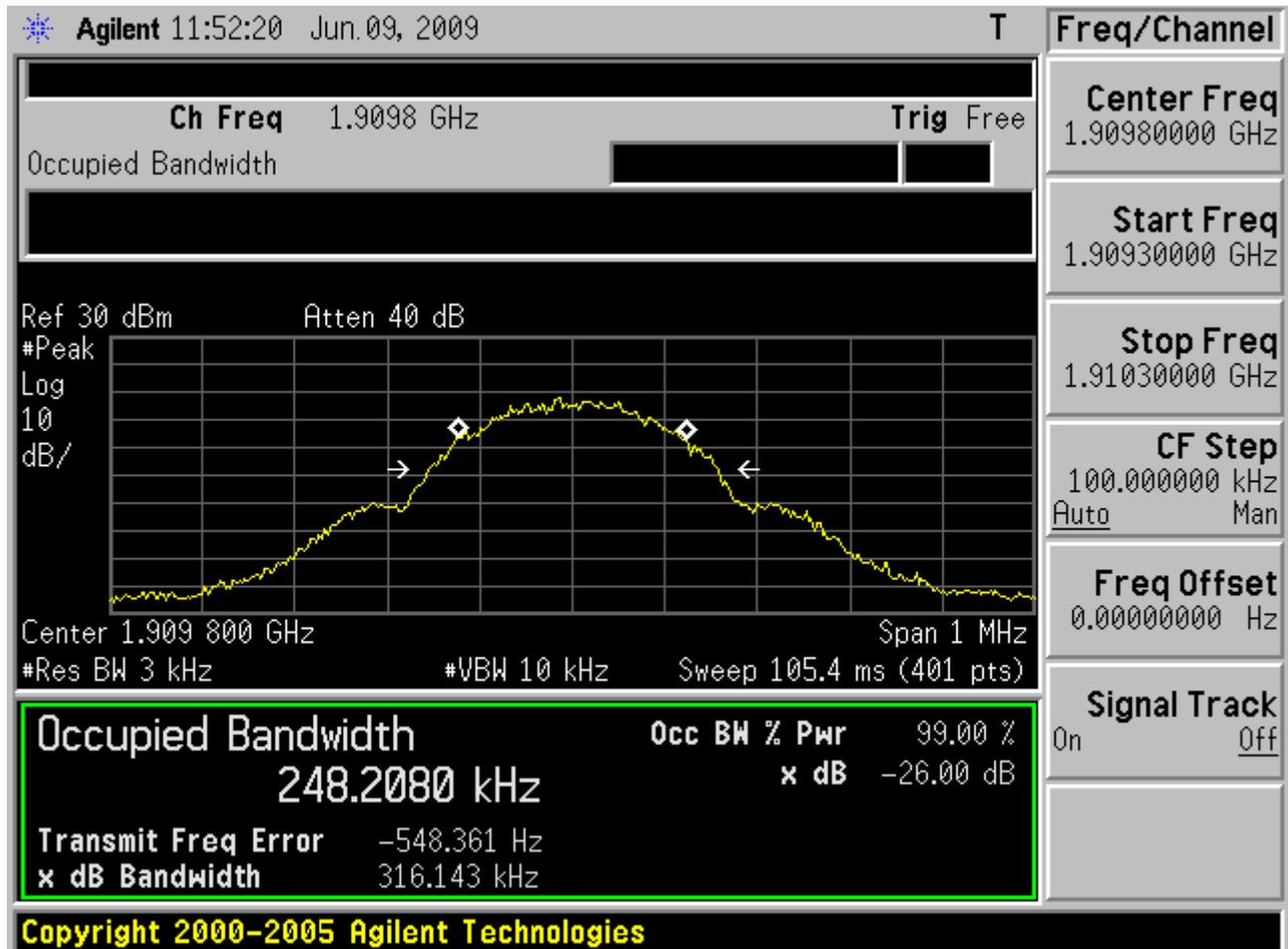


Test Mode: PCS 1900 CH661 99% Occupied Bandwidth



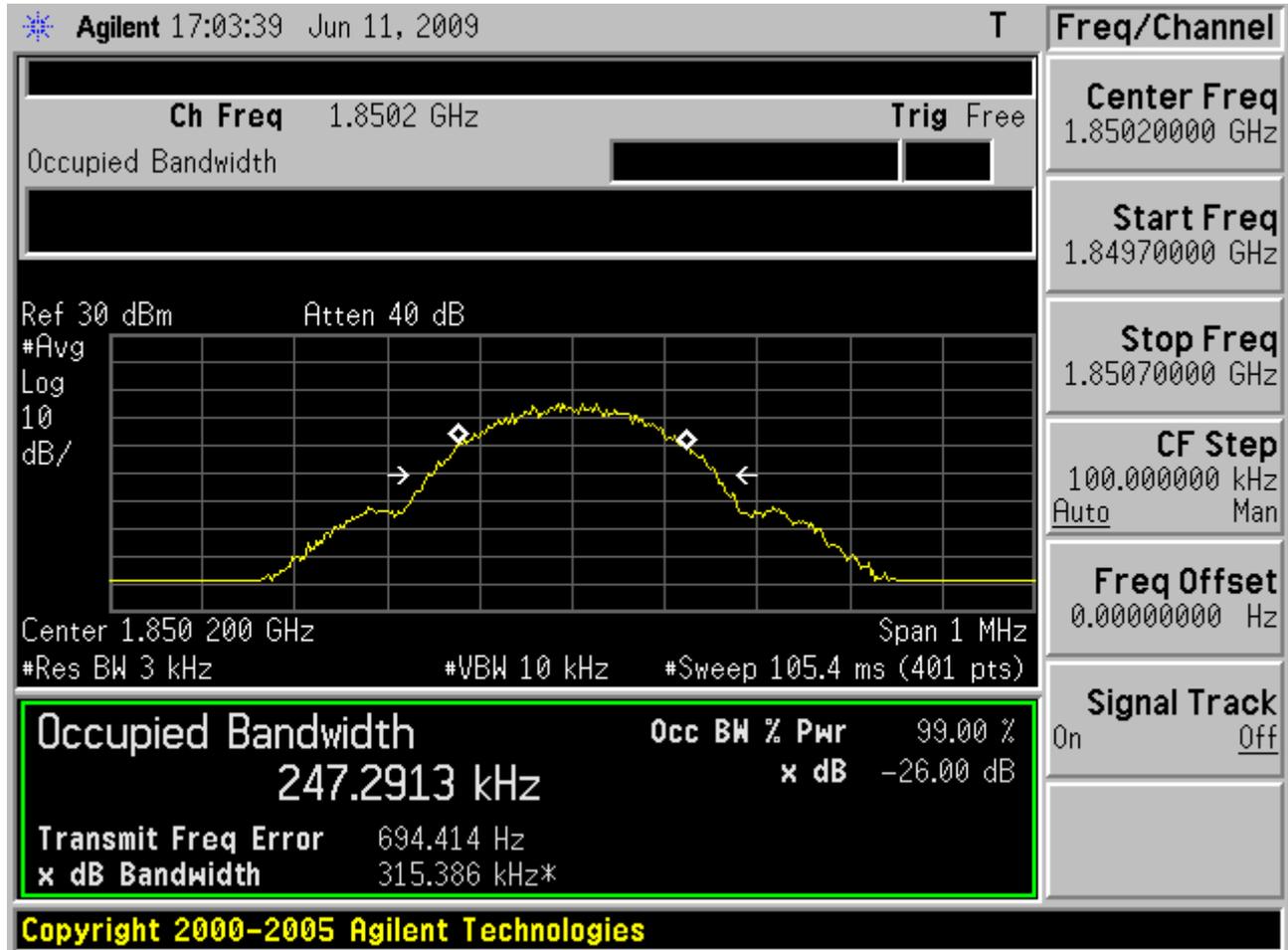


Test Mode: PCS 1900 CH810 99% Occupied Bandwidth



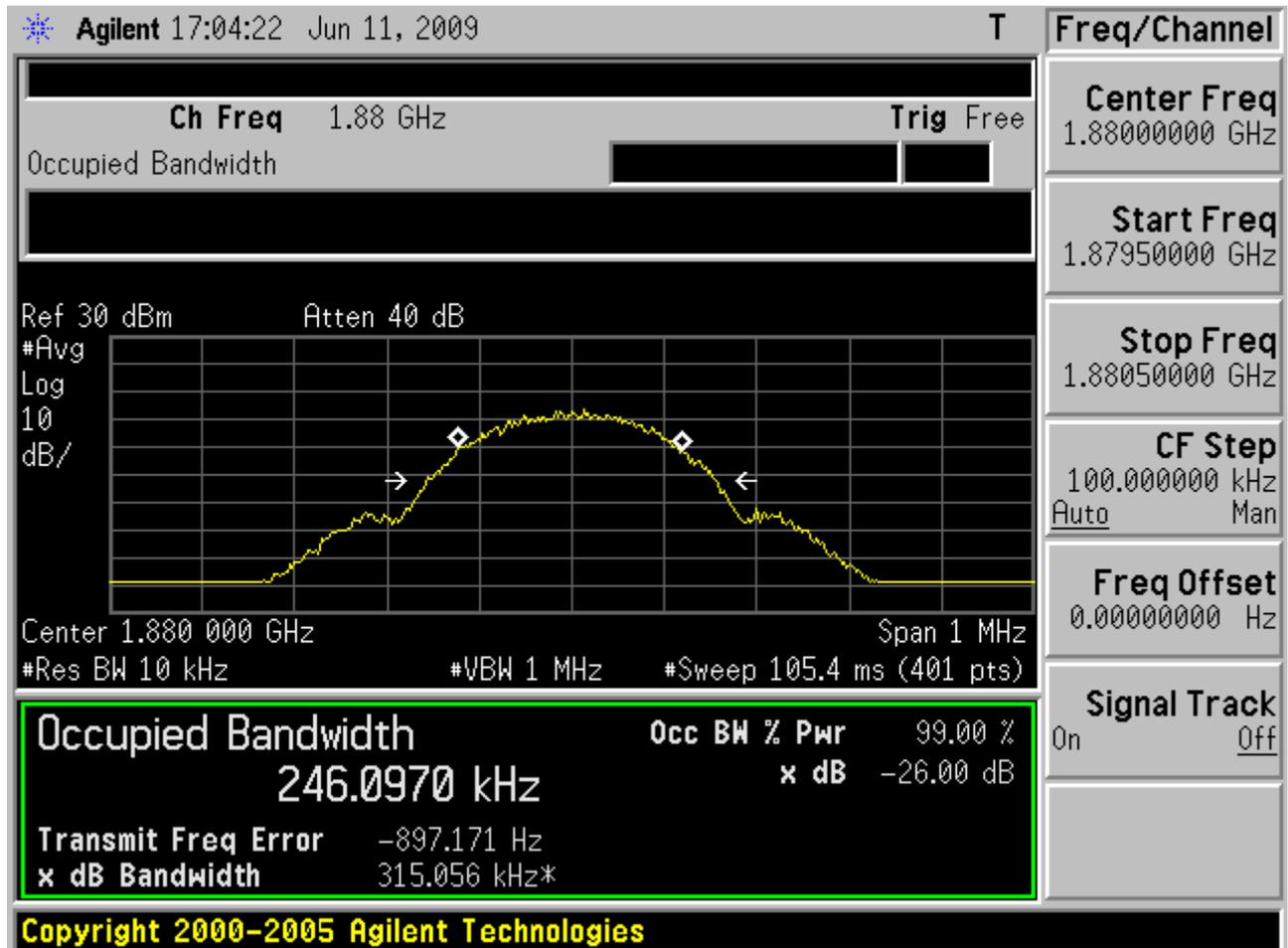


Test Mode: EGPRS 1900 CH512 99% Occupied Bandwidth





Test Mode: EGPRS 1900 CH661 99% Occupied Bandwidth





Test Mode: EGPRS 1900 CH810 99% Occupied Bandwidth





4.4.5 Band Edge Test Result

Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : GSM 850 (Low CH128 / High CH 251)
Test Date : 06/09/2009

| GSMS 850 | | | | |
|----------|---------|-----------------|-----------------|-------------|
| Band | Channel | Frequency (MHz) | Bandwidth (dBm) | Limit (dBm) |
| Lower | 128 | 823.9974 | -15.38 | -13 |
| Higher | 251 | 849.0225 | -15.07 | -13 |

Please refer to next pager of detail testing data.



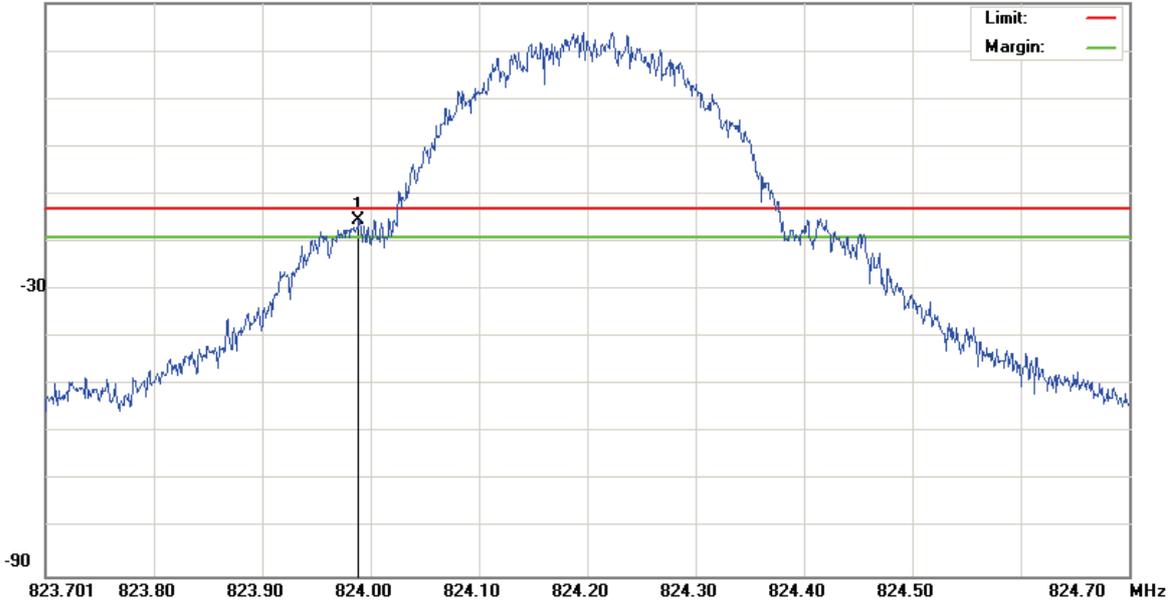
File:CLIC100(CH128)

Data :#1

Date: 2009/6/9

Time: 上午 10:03:48

30.0 dBm



| | | |
|---|-----------------------------------|--------------------|
| Site | Polarization: Conducted po | Temperature: 26 °C |
| Limit: FCC Part 22 conducted(9k-12.75G) | Power: AC 110V/60Hz | Humidity: 55 % |
| EUT: | Distance: RBW: 3 KHz | |
| M/N: 09-0141-SEO | VBW: 3 KHz | Sweep Time: 200 ms |
| Mode: GSM850 | | |
| Note: CH128(824.2MHz) | | |
| 加10db衰减器 | | |

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|-------|----------------|--------------|---------|
| | | MHz | dBm | dB | dBm | dBm | dB | cm | degree | Comment |
| 1 | * | 823.9895 | -28.56 | 13.18 | -15.38 | -13.00 | -2.38 | | | peak |

*:Maximum data x:Over limit !:over margin

●Reference Only



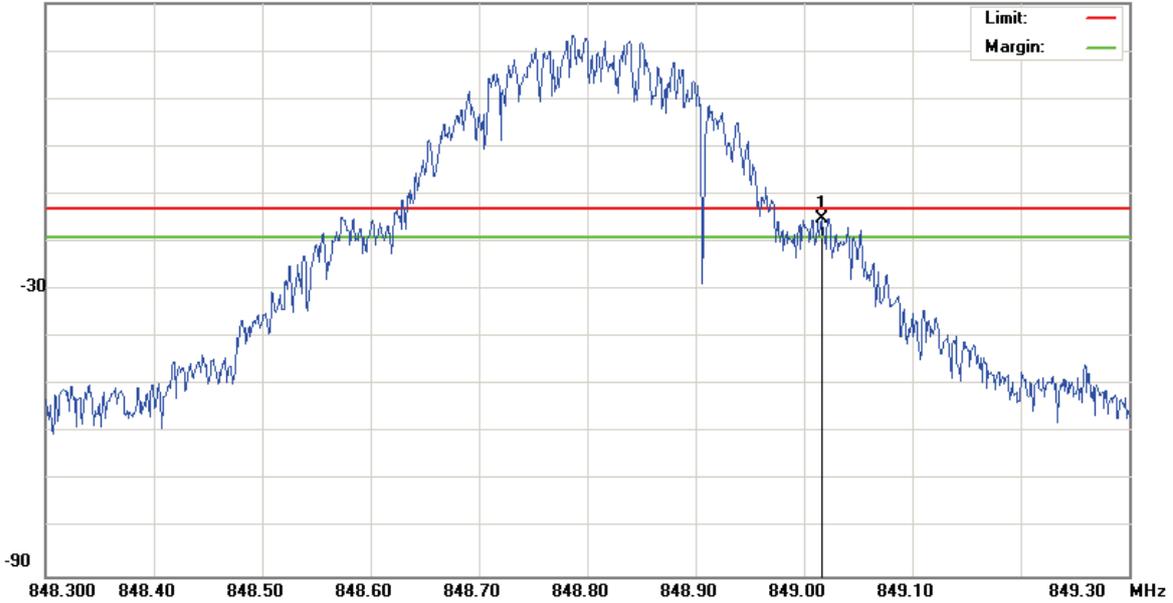
File:CLIC100(CH251)

Data :#1

Date: 2009/6/9

Time: 下午 01:47:58

30.0 dBm



Site Polarization: **Conducted po** Temperature: 26 °C
 Limit: FCC Part 22 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance: RBW: 3 KHz
 M/N: 09-0141-SEO VBW: 3 KHz Sweep Time: 200 ms
 Mode: GSM850
 Note: CH251(848.8MHz)
 加10db衰減器

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree |
|-----|-----|----------|---------------|----------------|-------------|--------|-------|----------------|--------------|
| | | MHz | dBm | dB | dBm | dBm | dB | cm | degree |
| 1 | * | 849.0165 | -28.32 | 13.25 | -15.07 | -13.00 | -2.07 | peak | |

*:Maximum data x:Over limit !:over margin

●Reference Only



Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : PCS 1900 (Low CH512 / Middle CH661 / High CH 810)
Test Date : 06/09/2009

| PCS 1900 | | | | |
|----------|---------|-----------------|-----------------|-------------|
| Band | Channel | Frequency (MHz) | Bandwidth (dBm) | Limit (dBm) |
| Lower | 512 | 1849.980 | -16.67 | -13 |
| Higher | 810 | 1910.020 | -14.91 | -13 |

Please refer to next pager of detail testing data.



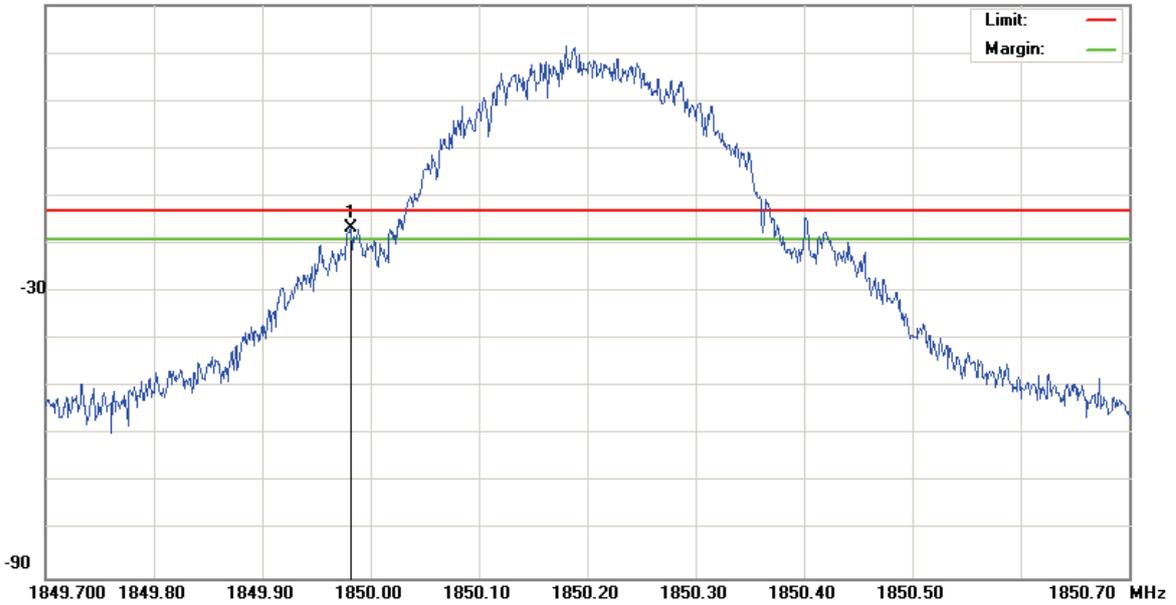
File:CLIC100(CH512)

Data :#1

Date: 2009/6/9

Time: 上午 10:10:12

30.0 dBm



Site Polarization: **Conducted po** Temperature: 26 °C
 Limit: FCC Part 24 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance: RBW: 3 KHz
 M/N: 09-0141-SEO VBW: 3 KHz Sweep Time: 200 ms
 Mode: PCS1900
 Note: CH512(1784.8MHz)
 加10db衰减器

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|-------|----------------|--------------|--------|
| | | MHz | dBm | dB | dBm | dBm | dB | Detector | cm | degree |
| 1 | * | 1849.982 | -20.92 | 4.25 | -16.67 | -13.00 | -3.67 | peak | | |

*:Maximum data x:Over limit !:over margin

●Reference Only



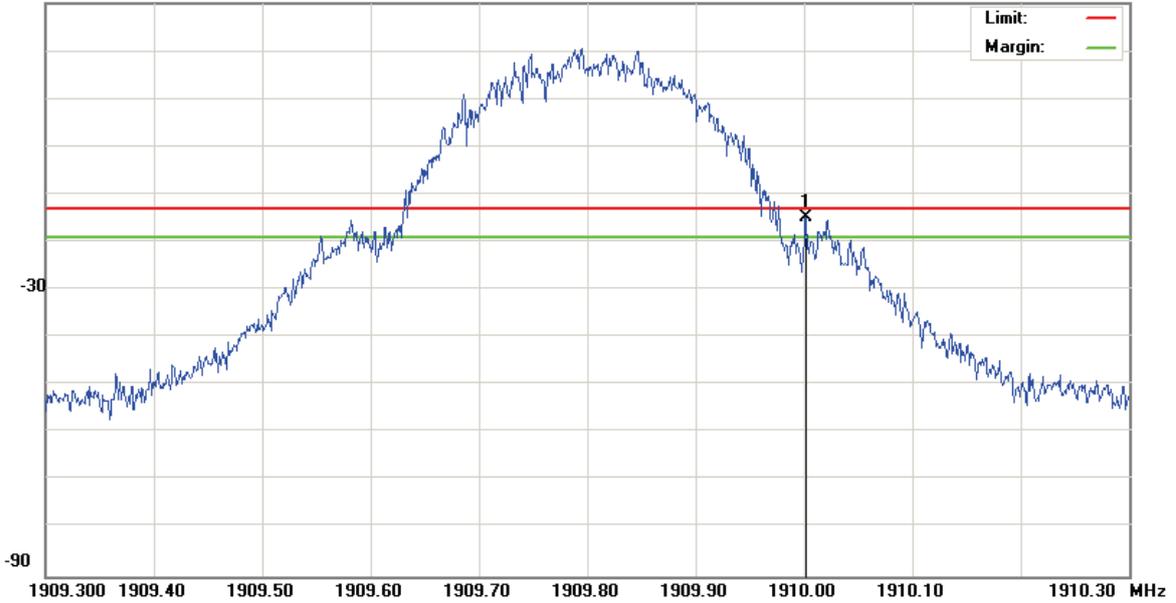
File:CLIC100(CH810)

Data :#1

Date: 2009/6/9

Time: 上午 10:12:08

30.0 dBm



| | | |
|---|-----------------------------------|--------------------|
| Site | Polarization: Conducted po | Temperature: 26 °C |
| Limit: FCC Part 24 conducted(9k-12.75G) | Power: AC 110V/60Hz | Humidity: 55 % |
| EUT: | Distance: RBW: 3 KHz | |
| M/N: 09-0141-SEO | VBW: 3 KHz | Sweep Time: 200 ms |
| Mode: PCS1900 | | |
| Note: CH810(1909.8MHz) | | |
| 加10db衰减器 | | |

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|-------|----------------|--------------|---------|
| | | MHz | dBm | dB | dBm | dBm | dB | cm | degree | Comment |
| 1 | * | 1910.002 | -20.61 | 5.70 | -14.91 | -13.00 | -1.91 | peak | | |

*:Maximum data x:Over limit !:over margin

●Reference Only

4.5 Conducted Emission

4.5.1 Measurement Instruments

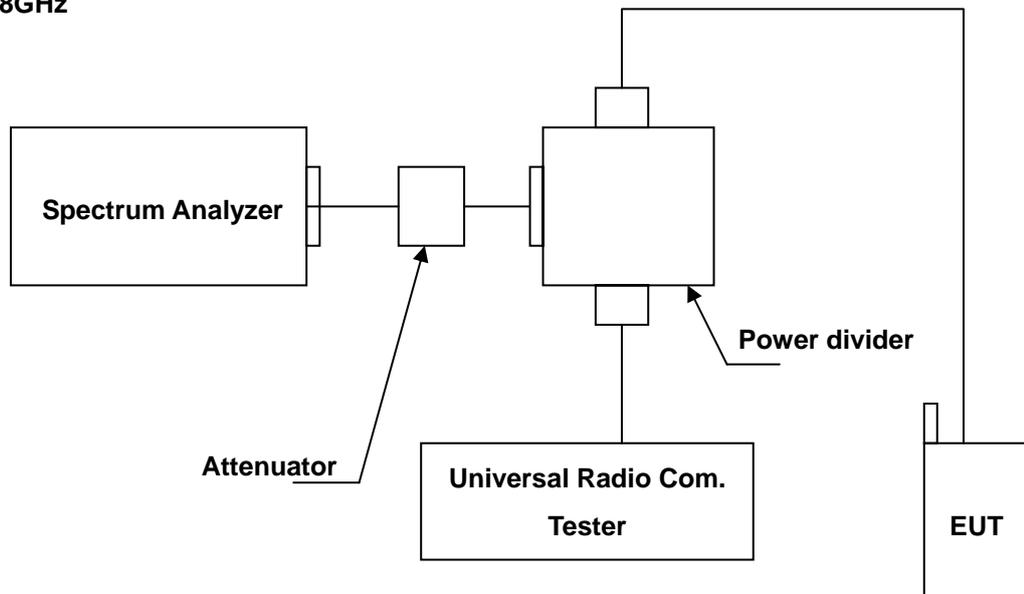
As described in chapter 5 of this test report.

4.5.2 Test Procedure

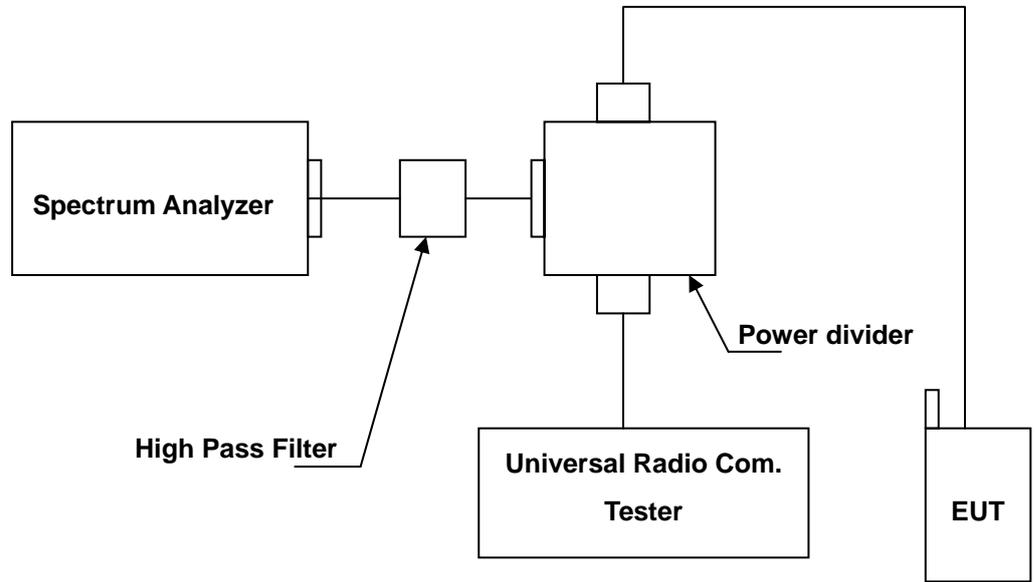
1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The middle channel for the highest RF power within the transmitting frequency was measured.
3. The conducted spurious emission for the whole frequency range was taken.
4. Test setting at GSM 850 RB>100 kHz, VB>100 kHz; PCS 1900 RB>1MHz, VB>1MHz.

4.5.3 Test Setup Layout

Below 2.8GHz



Above 2.8GHz





4.5.4 Test Result

Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : GSM 850 (Low CH128 / Middle CH190 / High CH 251)
Test Date : 06/09/2009

Please refer to next pager of detail testing data.

Note: Amplitude= Reading Amplitude + Factor (Cable loss + Filter Amplitude= Insertion loss)

(Auto calculate in spectrum analyzer)

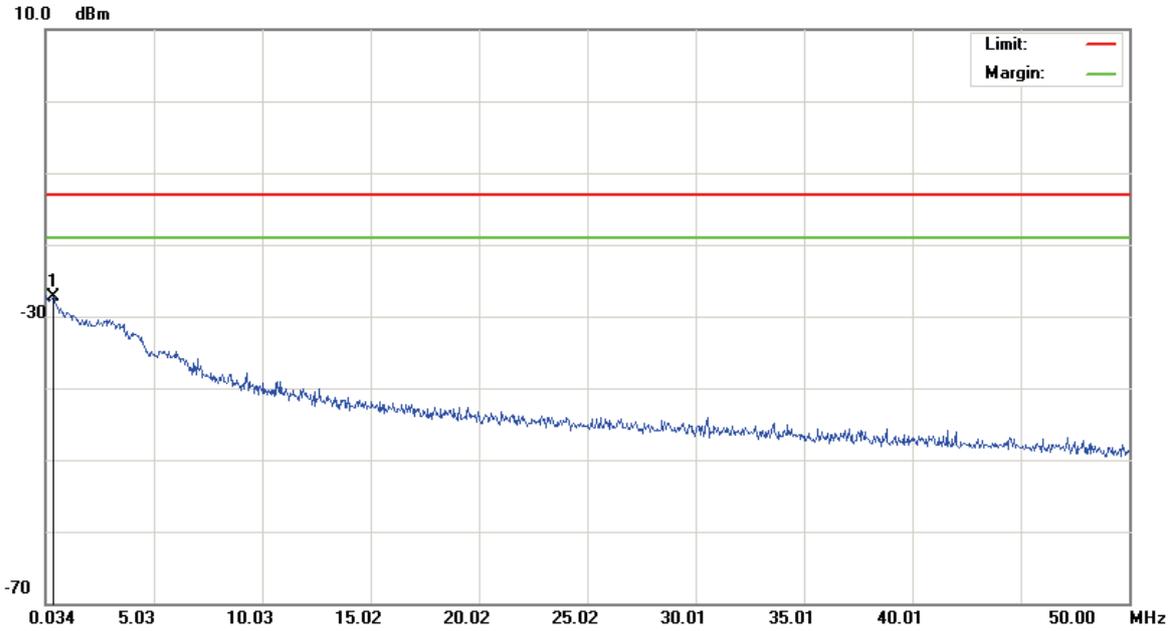


File :CLIC100(CH128)

Data :#1

Date: 2009/6/9

Time: 上午 10:16:54



Site: Polarization: **Conducted po** Temperature: 26 °C
 Limit: FCC Part 22 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: GSM850
 Note: CH128(824.2MHz)
 加Notch(3TNF-800)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|---------------------------|---------|
| 1 | * | 0.3590 | -59.22 | 31.86 | -27.36 | -13.00 | -14.36 | peak | | |

*:Maximum data x:Over limit !:over margin

●Reference Only

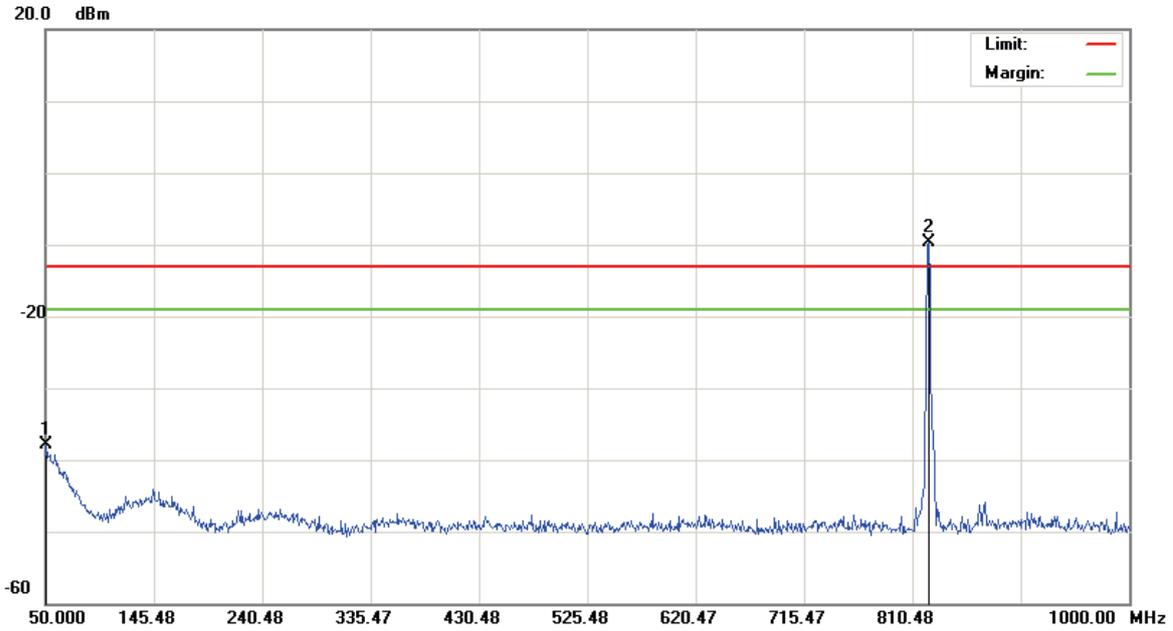


File:CLIC100(CH128)

Data :#2

Date: 2009/6/9

Time: 上午 10:17:19



Site Polarization: **Conducted po** Temperature: 26 °C
 Limit: FCC Part 22 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: GSM850
 Note: CH128(824.2MHz)
 加口Notch(3TNF-800)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|---------------------------|----------------|
| 1 | | 50.9500 | -52.35 | 14.52 | -37.83 | -13.00 | -24.83 | peak | | |
| 2 | * | 824.2500 | -13.50 | 3.84 | -9.66 | -13.00 | 3.34 | peak | | Main Frequency |

*:Maximum data x:Over limit !:over margin

●Reference Only

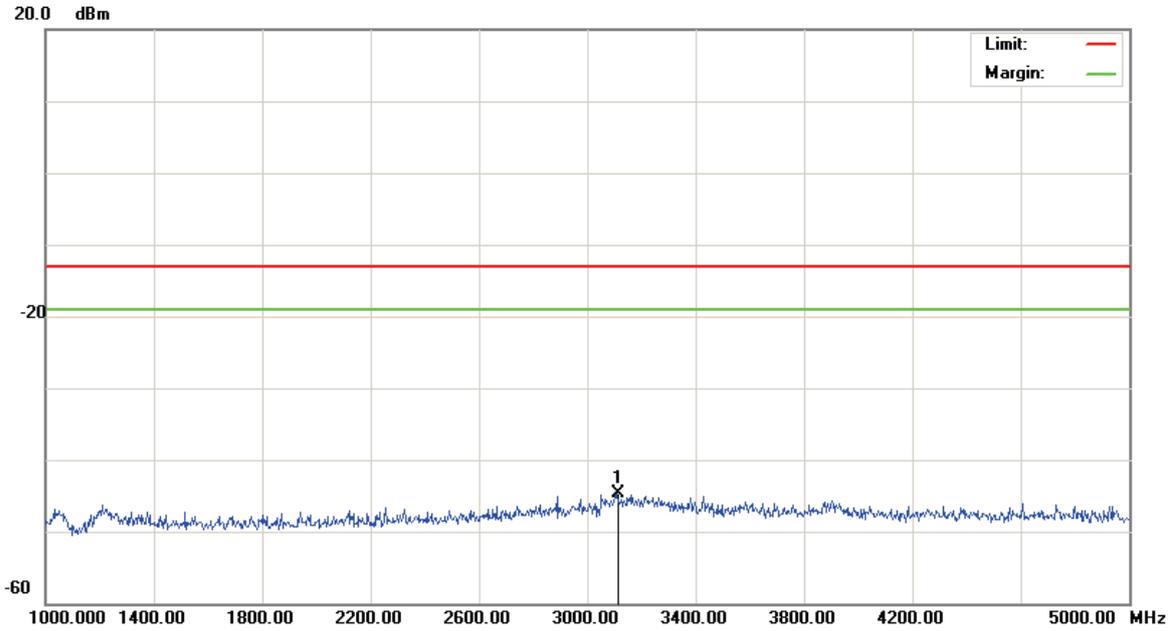


File:CLIC100(CH128)

Data :#3

Date: 2009/6/9

Time: 上午 11:32:36



Site: Polarization: **Conducted po** Temperature: 26 °C
 Limit: FCC Part 22 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: GSM850
 Note: CH128(824.2MHz)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|---------------------------|---------|
| 1 | * | 3110.000 | -49.31 | 4.56 | -44.75 | -13.00 | -31.75 | peak | | |

*:Maximum data x:Over limit !:over margin

●Reference Only

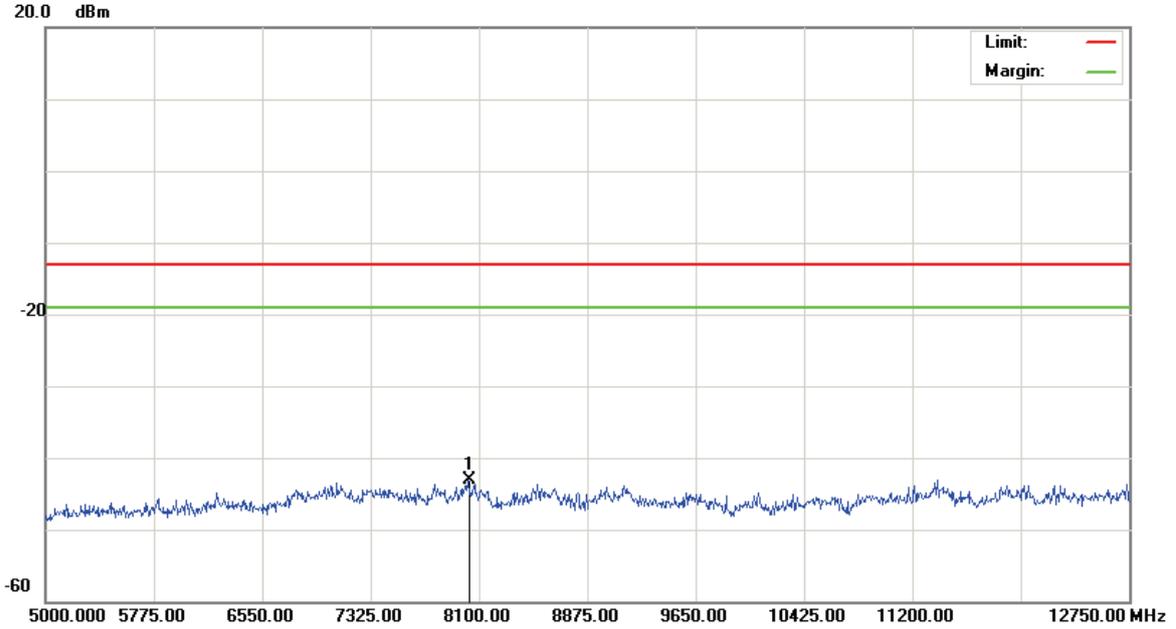


File :CLIC100(CH128)

Data :#4

Date: 2009/6/9

Time: 上午 11:33:00



Site Polarization: **Conducted po** Temperature: 26 °C
 Limit: FCC Part 22 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: GSM850
 Note: CH128(824.2MHz)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree degree | Detector | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|---------------------------|----------|---------|
| 1 | * | 8026.375 | -48.44 | 5.38 | -43.06 | -13.00 | -30.06 | | | peak | |

*:Maximum data x:Over limit !:over margin

●Reference Only

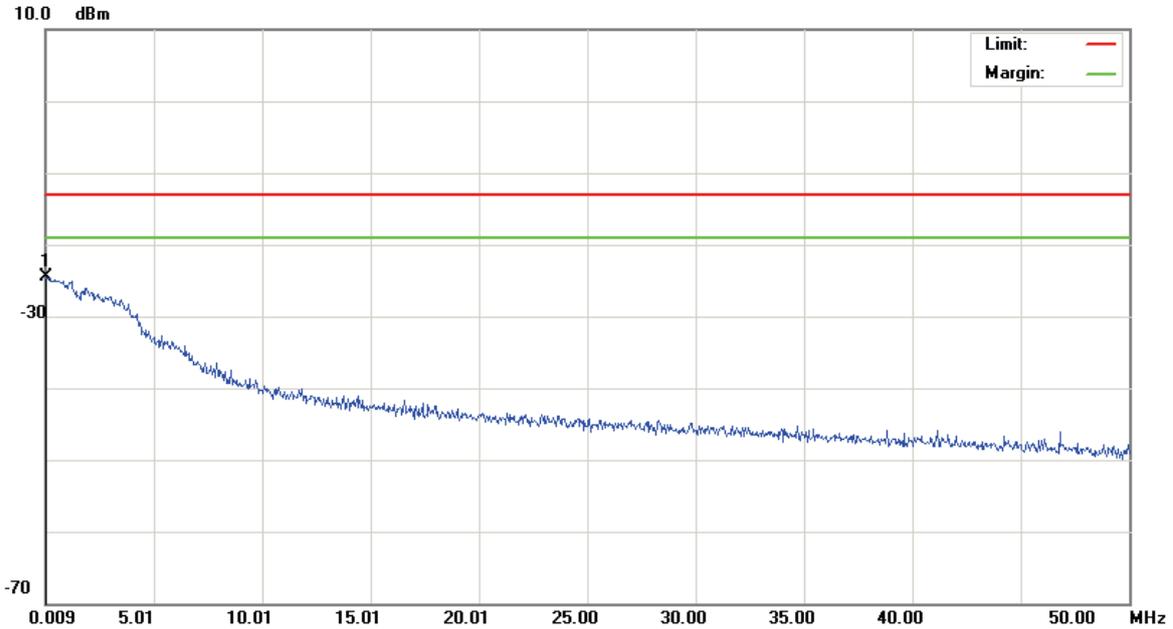


File:CLIC100(CH190)

Data :#1

Date: 2009/6/9

Time: 上午 10:20:35



| | | |
|---|-----------------------------------|--------------------|
| Site | Polarization: Conducted po | Temperature: 26 °C |
| Limit: FCC Part 22 conducted(9k-12.75G) | Power: AC 110V/60Hz | Humidity: 55 % |
| EUT: | Distance: | |
| M/N: 09-0141-SEO | | |
| Mode: GSM850 | | |
| Note: CH190(836.6MHz) | | |
| 加口Notch(3TNF-800) | | |

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|---------------------------|---------|
| 1 | * | 0.0090 | -55.15 | 30.58 | -24.57 | -13.00 | -11.57 | peak | | |

*:Maximum data x:Over limit !:over margin

●Reference Only

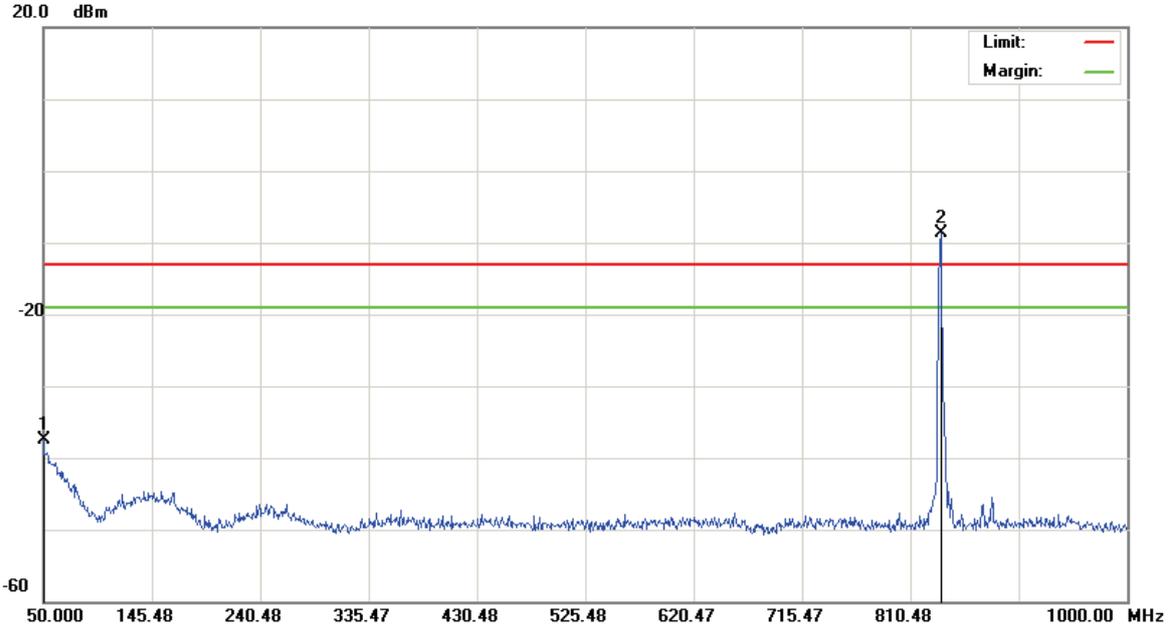


File :CLIC100(CH190)

Data :#2

Date: 2009/6/9

Time: 上午 10:20:59



Site Polarization: **Conducted po** Temperature: 26 °C
 Limit: FCC Part 22 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: GSM850
 Note: CH190(836.6MHz)
 加口Notch(3TNF-800)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|---------------------------|----------------|
| 1 | | 50.4750 | -52.13 | 14.61 | -37.52 | -13.00 | -24.52 | peak | | |
| 2 | * | 836.6000 | -12.70 | 3.96 | -8.74 | -13.00 | 4.26 | peak | | Main Frequency |

*:Maximum data x:Over limit !:over margin

●Reference Only

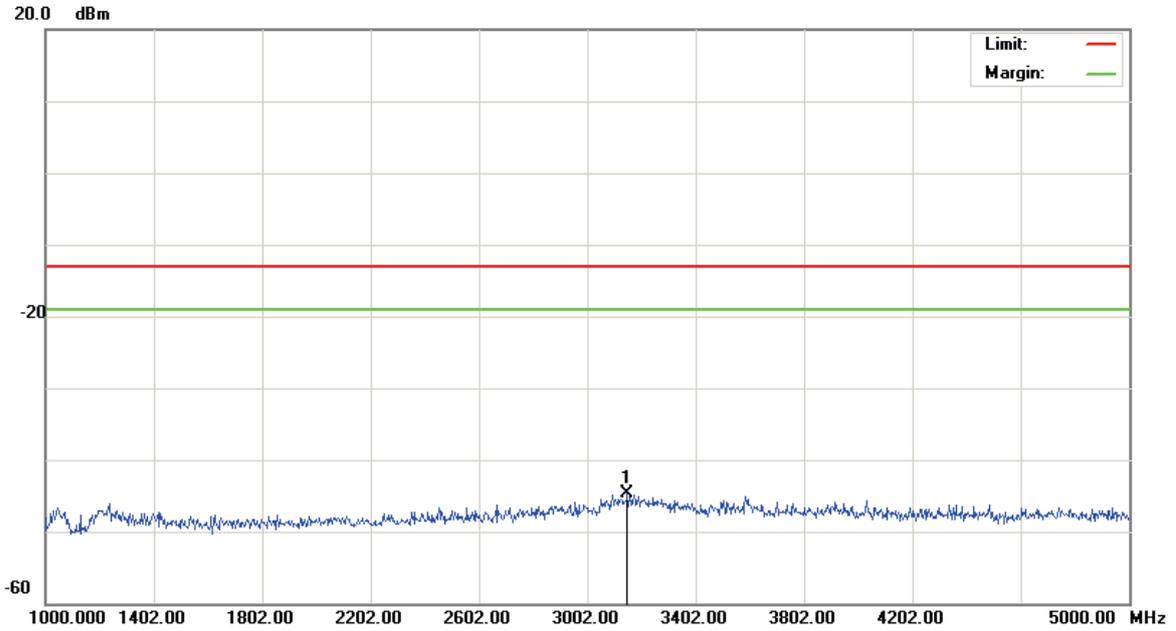


File:CLIC100(CH190)

Data :#3

Date: 2009/6/9

Time: 上午 11:31:24



Site: Polarization: **Conducted po** Temperature: 26 °C
 Limit: FCC Part 22 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: GSM850
 Note: CH190(836.6MHz)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree | Detector | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|-----------------|----------|---------|
| 1 | * | 3148.000 | -49.24 | 4.56 | -44.68 | -13.00 | -31.68 | | | peak | |

*:Maximum data x:Over limit !:over margin

●Reference Only

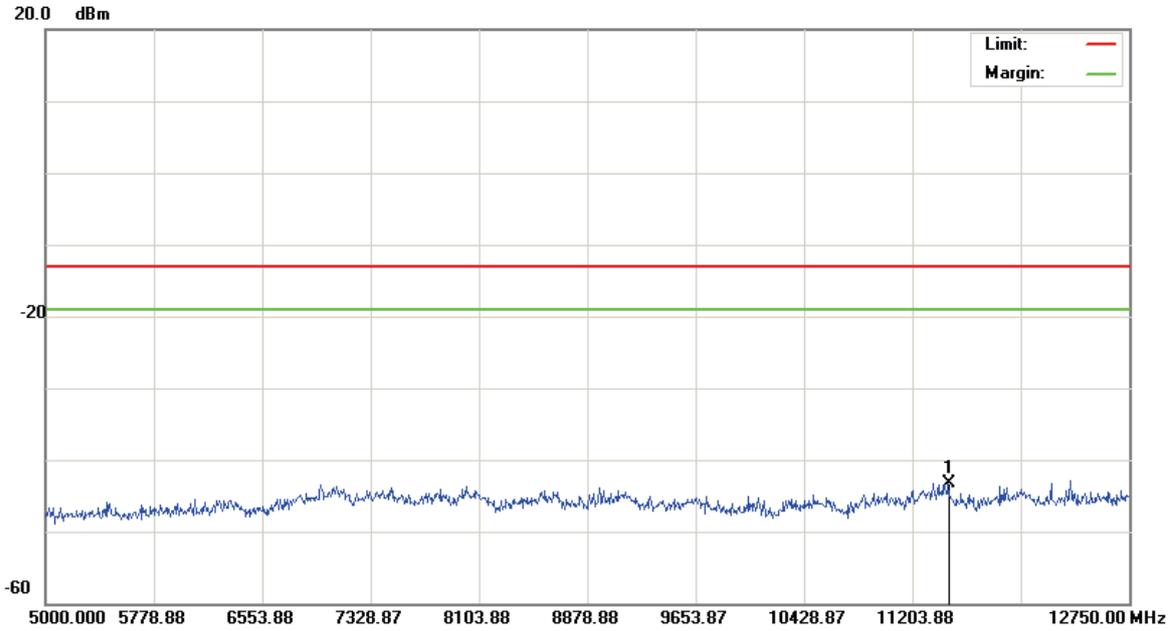


File:CLIC100(CH190)

Data :#4

Date:2009/6/9

Time: 上午 11:31:48



Site Polarization: **Conducted po** Temperature: 26 °C
 Limit: FCC Part 22 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: GSM850
 Note: CH190(836.6MHz)

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBm | dB | dBm | dBm | dB | cm | degree | Comment |
| 1 | * | 11459.62 | -48.63 | 5.41 | -43.22 | -13.00 | -30.22 | peak | | |

*:Maximum data x:Over limit !:over margin

●Reference Only

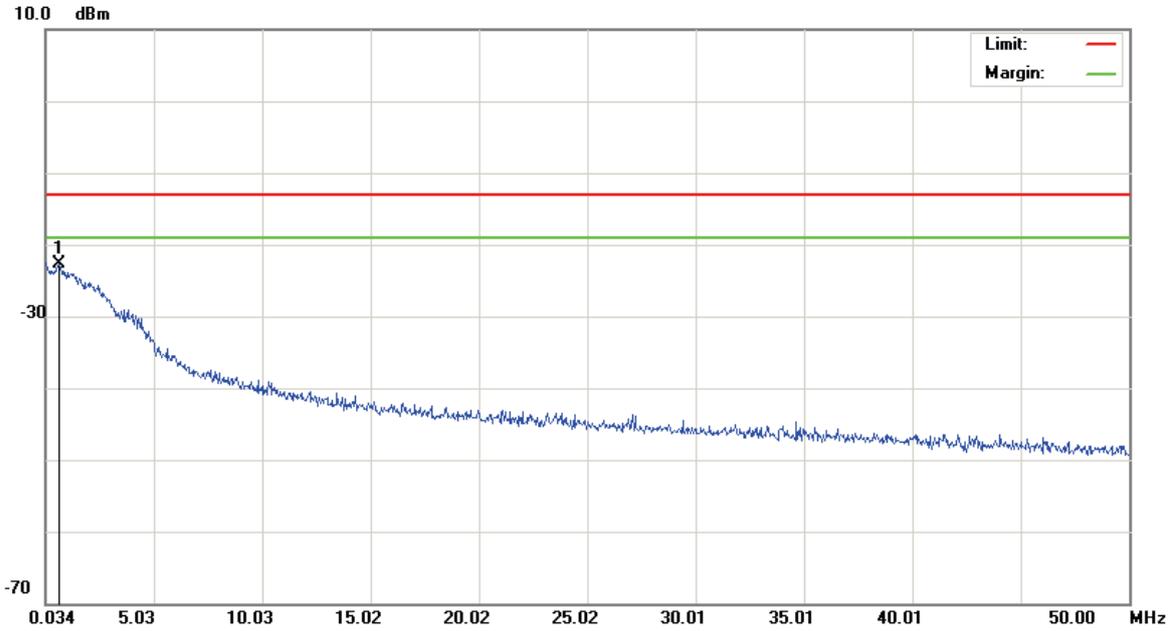


File:CLIC100(CH251)

Data :#1

Date: 2009/6/9

Time: 上午 10:23:00



Site: Polarization: *Conducted po* Temperature: 26 °C
 Limit: FCC Part 22 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: GSM850
 Note: CH251(848.8MHz)
 加口Notch(3TNF-800)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|---------------------------|---------|
| 1 | * | 0.6090 | -54.64 | 31.93 | -22.71 | -13.00 | -9.71 | peak | | |

*:Maximum data x:Over limit !:over margin

●Reference Only

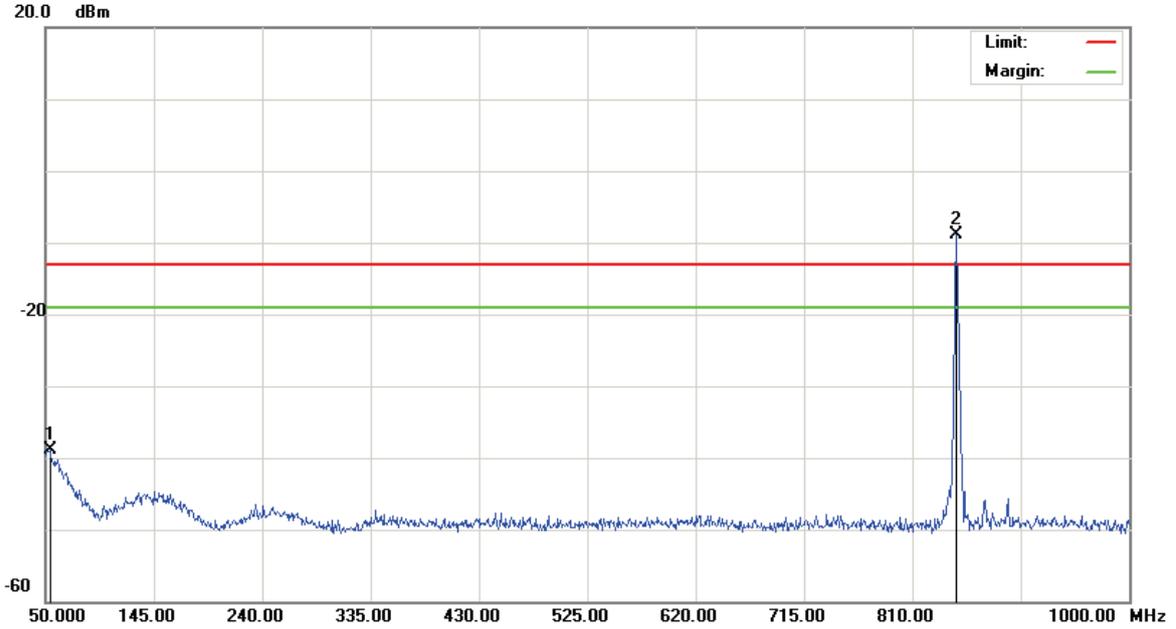


File:CLIC100(CH251)

Data :#2

Date: 2009/6/9

Time: 上午 10:23:25



Site Polarization: **Conducted po** Temperature: 26 °C
 Limit: FCC Part 22 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: GSM850
 Note: CH251(848.8MHz)
 加口Notch(3TNF-800)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree degree | Detector | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|---------------------------|----------|----------------|
| 1 | | 54.2750 | -52.82 | 13.94 | -38.88 | -13.00 | -25.88 | | | peak | |
| 2 | * | 848.4750 | -12.88 | 3.98 | -8.90 | -13.00 | 4.10 | | | peak | Main Frequency |

*:Maximum data x:Over limit !:over margin

●Reference Only

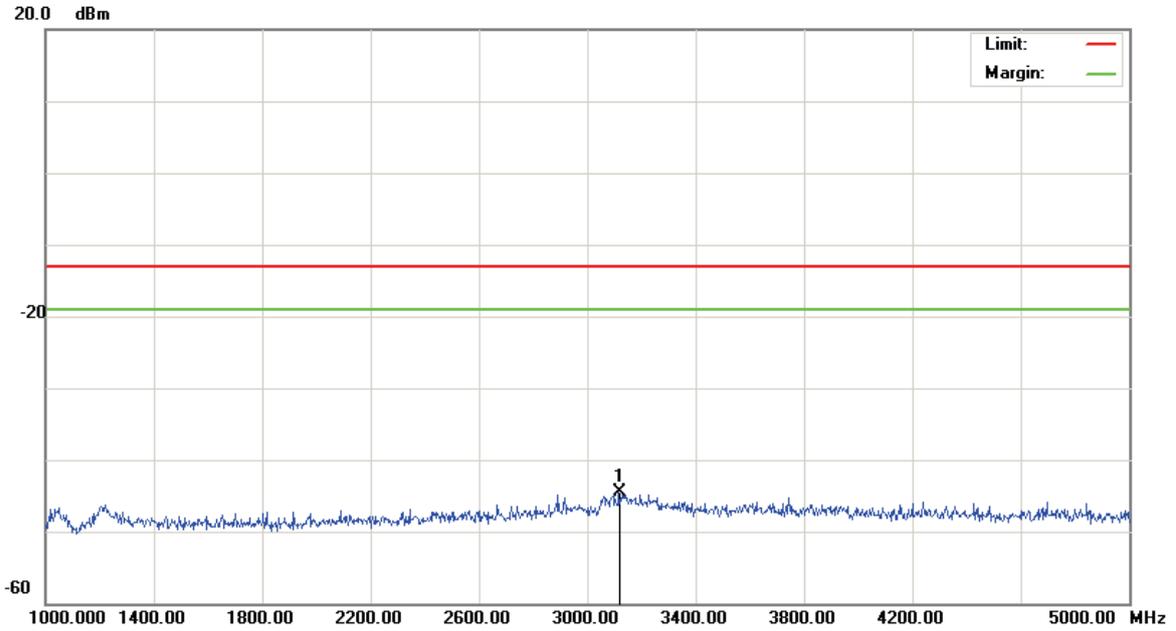


File:CLIC100(CH251)

Data :#3

Date: 2009/6/9

Time: 上午 11:29:42



| | | |
|---|-----------------------------------|--------------------|
| Site | Polarization: Conducted po | Temperature: 26 °C |
| Limit: FCC Part 22 conducted(9k-12.75G) | Power: AC 110V/60Hz | Humidity: 55 % |
| EUT: | Distance: | |
| M/N: 09-0141-SEO | | |
| Mode: GSM850 | | |
| Note: CH251(848.8MHz) | | |

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBm | dB | dBm | dBm | dB | cm | degree | Comment |
| 1 | * | 3118.000 | -49.09 | 4.56 | -44.53 | -13.00 | -31.53 | peak | | |

*:Maximum data x:Over limit !:over margin

●Reference Only

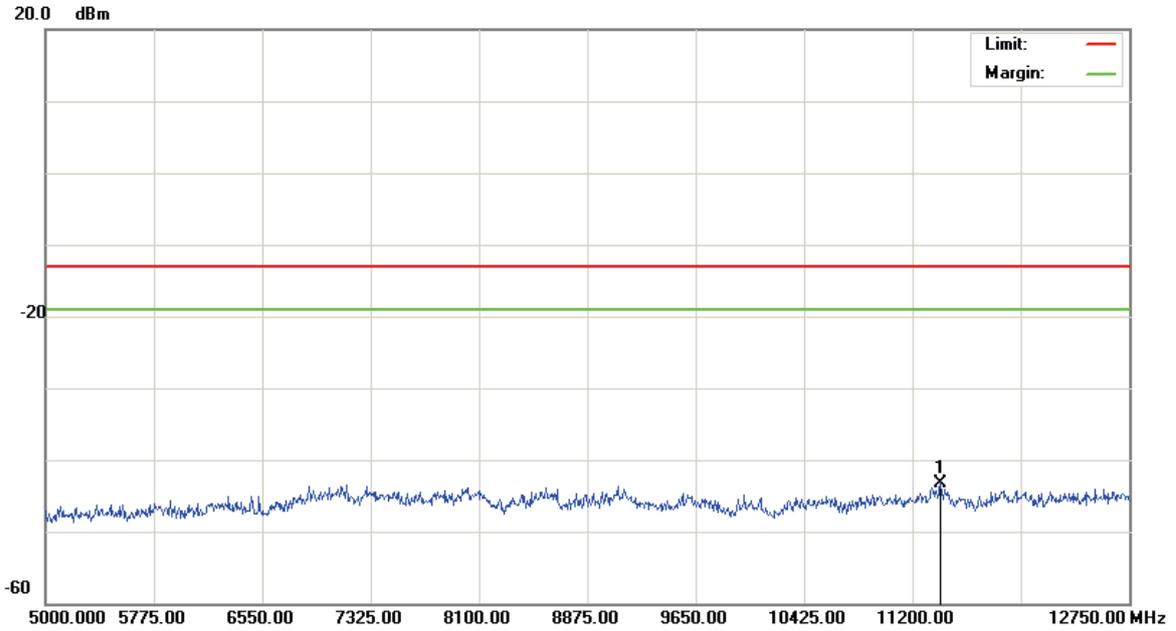


File:CLIC100(CH251)

Data :#4

Date: 2009/6/9

Time: 上午 11:30:05



Site: Polarization: **Conducted po** Temperature: 26 °C
 Limit: FCC Part 22 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: GSM850
 Note: CH251(848.8MHz)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree degree | Detector | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|---------------------------|----------|---------|
| 1 | * | 11401.50 | -48.76 | 5.56 | -43.20 | -13.00 | -30.20 | | | peak | |

*:Maximum data x:Over limit !:over margin

●Reference Only



Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : PCS 1900 (Low CH512 / Middle CH661 / High CH 810)
Test Date : 06/09/2009

Please refer to next pager of detail testing data.

Note: Amplitude= Reading Amplitude + Factor (Cable loss + Filter Amplitude= Insertion loss)
(Auto calculate in spectrum analyzer)

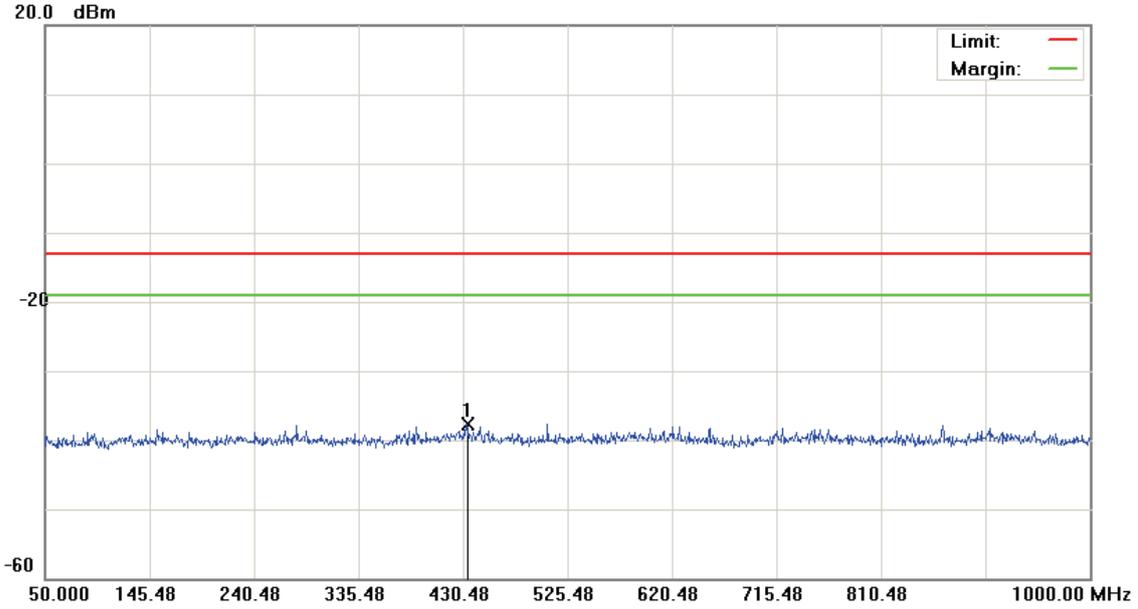


File:CLIC100(CH512)

Data: #2

Date: 2009/6/9

Time: 上午 10:47:43



Site: site #1
 Limit: FCC Part 24 conducted(9k-12.75G)
 EUT:
 M/N: 09-0141-SEO
 Mode: PCS1900
 Note: CH512(1850.2MHz)
 加10db衰減器

Polarization: *Conducted po*
 Power: AC 110V/60Hz
 Distance:

Temperature: 26 °C
 Humidity: 55 %

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|-----------------|---------|
| 1 | * | 433.3250 | -50.96 | 13.25 | -37.71 | -13.00 | -24.71 | peak | | |

*:Maximum data x:Over limit !:over margin

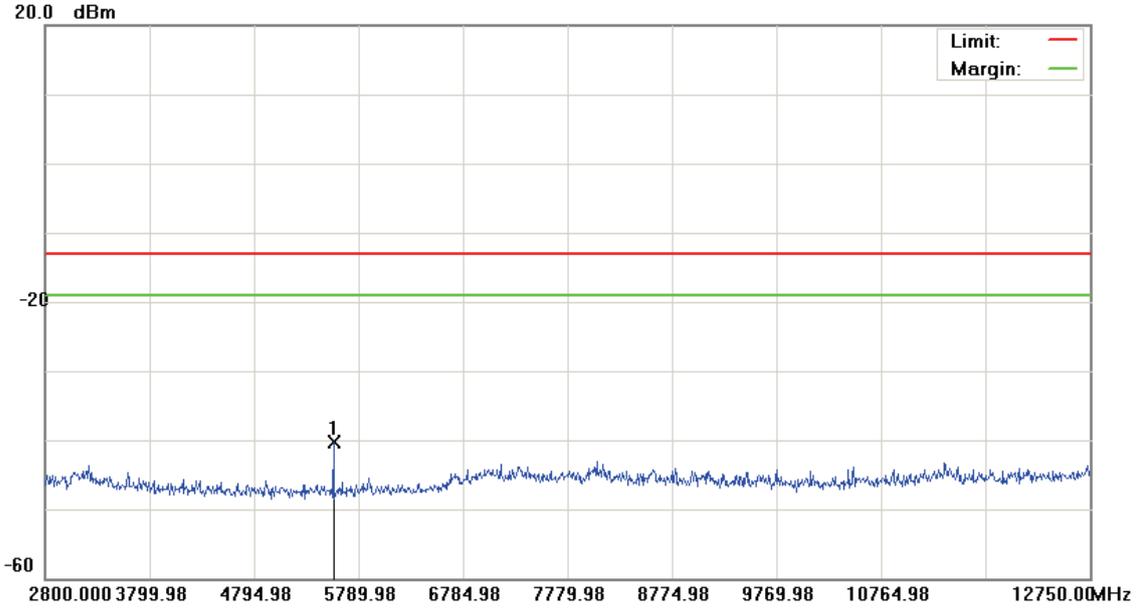


File:CLIC100(CH512)

Data:#4

Date:2009/6/9

Time:上午 11:14:20



Site: site #1 Polarization: *Conducted po* Temperature: 26 °C
 Limit: FCC Part 24 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: PCS1900
 Note: CH512(1850.2MHz)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|-----------------|---------|
| 1 | * | 5551.175 | -45.20 | 4.87 | -40.33 | -13.00 | -27.33 | peak | | |

*:Maximum data x:Over limit !:over margin

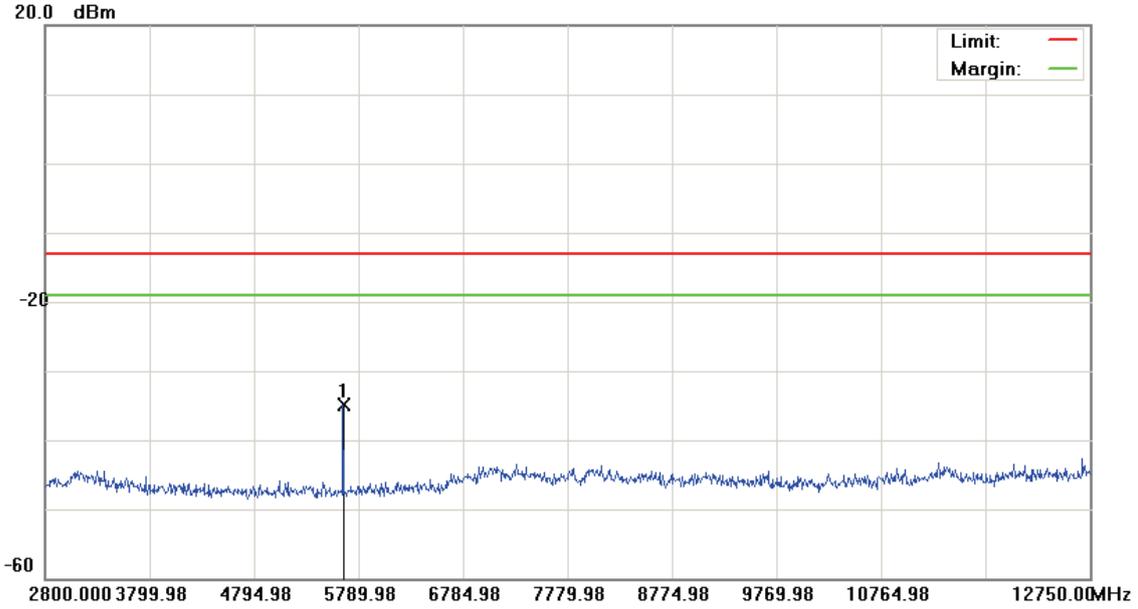


File:CLIC100(CH661)

Data:#4

Date:2009/6/9

Time:上午 11:13:09



Site: site #1 Polarization: *Conducted po* Temperature: 26 °C
 Limit: FCC Part 24 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: PCS1900
 Note: CH661(1880MHz)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|-----------------|---------|
| 1 | * | 5640.725 | -39.83 | 4.85 | -34.98 | -13.00 | -21.98 | peak | | |

*:Maximum data x:Over limit !:over margin

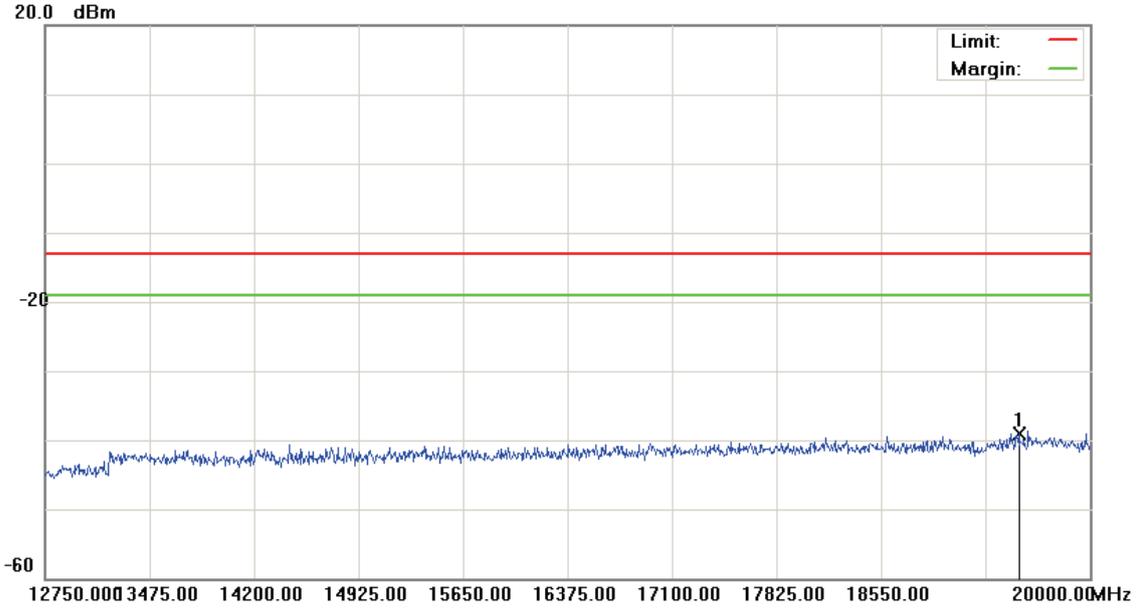


File:CLIC100(CH661)

Data:#5

Date:2009/6/9

Time:上午 11:13:32



Site: site #1 Polarization: *Conducted po* Temperature: 26 °C
 Limit: FCC Part 24 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: PCS1900
 Note: CH661(1880MHz)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|-----------------|---------|
| 1 | * | 19510.625 | -46.39 | 7.30 | -39.09 | -13.00 | -26.09 | peak | | |

*:Maximum data x:Over limit !:over margin

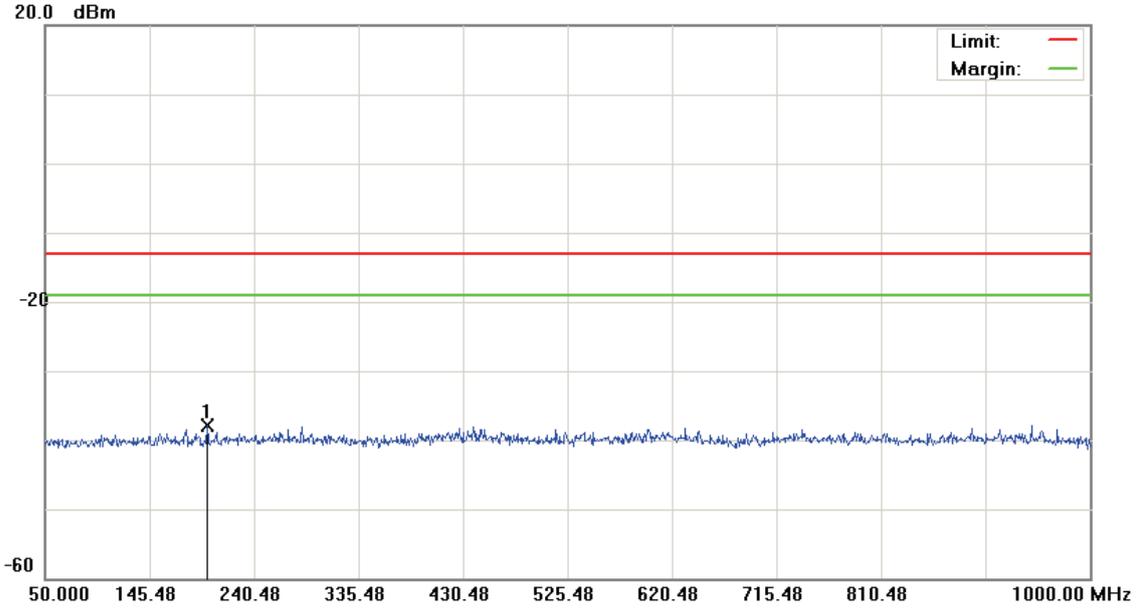


File:CLIC100(CH810)

Data:#2

Date:2009/6/9

Time:上午10:51:06



Site: site #1 Polarization: *Conducted po* Temperature: 26 °C
 Limit: FCC Part 24 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: PCS1900
 Note: CH810(1909.8MHz)
 加10db衰減器

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|-----------------|---------|
| 1 | * | 197.2500 | -51.12 | 13.26 | -37.86 | -13.00 | -24.86 | peak | | |

*:Maximum data x:Over limit !:over margin

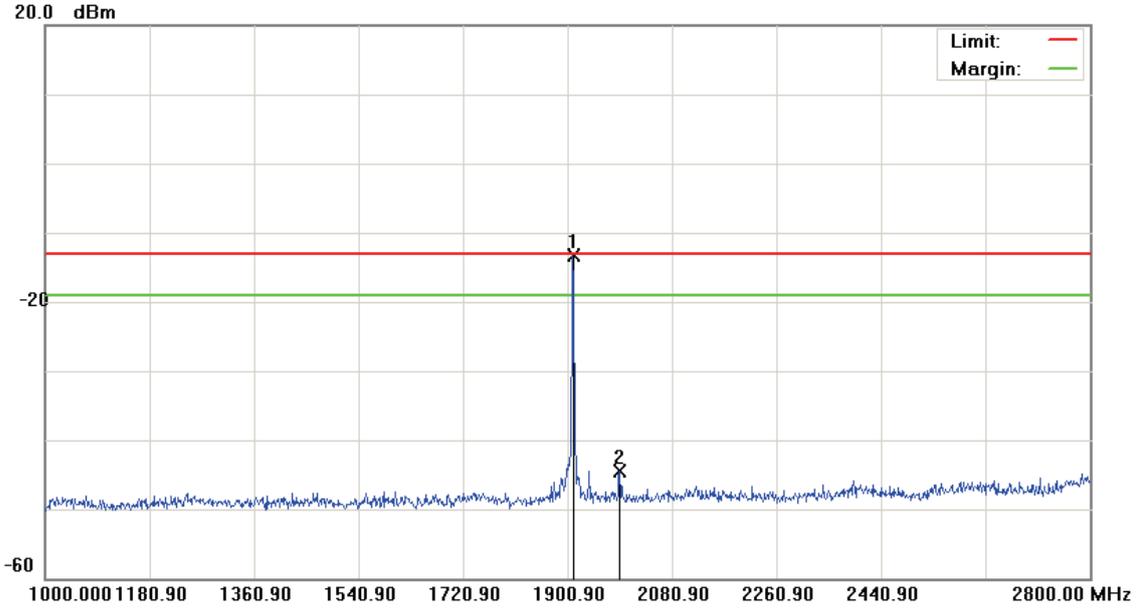


File:CLIC100(CH810)

Data: #3

Date: 2009/6/9

Time: 上午 11:03:22



Site: site #1 Polarization: *Conducted po* Temperature: 26 °C
 Limit: FCC Part 24 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: PCS1900
 Note: CH810(1909.8MHz)
 加Notch(5TNF-1700)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|-----------------|----------------|
| 1 | * | 1909.900 | -19.10 | 5.71 | -13.39 | -13.00 | -0.39 | peak | | Main Frequency |
| 2 | | 1990.000 | -49.08 | 4.63 | -44.45 | -13.00 | -31.45 | peak | | |

*:Maximum data x:Over limit !:over margin



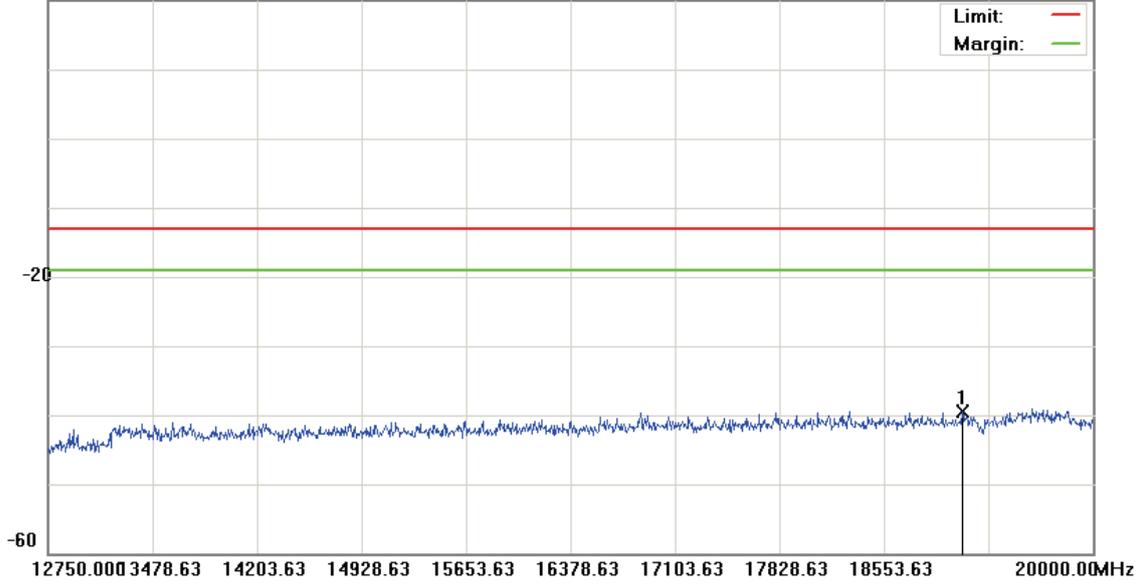
File:CLIC100(CH810)

Data:#5

Date:2009/6/9

Time:上午 11:11:19

20.0 dBm



Site: site #1 Polarization: *Conducted po* Temperature: 26 °C
 Limit: FCC Part 24 conducted(9k-12.75G) Power: AC 110V/60Hz Humidity: 55 %
 EUT: Distance:
 M/N: 09-0141-SEO
 Mode: PCS1900
 Note: CH810(1909.8MHz)

| No. | Mk. | Freq. MHz | Reading Level dBm | Correct Factor dB | Measure- ment dBm | Limit dBm | Over dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|-------------------------|-------------------------|-------------------------|--------------|------------|-------------------------|-----------------|---------|
| 1 | * | 19093.750 | -46.65 | 7.18 | -39.47 | -13.00 | -26.47 | peak | | |

*:Maximum data x:Over limit !:over margin



4.6 Field Strength of Spurious Radiation

Equivalent isotropic radiated Power Measurements by substitution method according to ANSI/TIA/EIA-603-A.

4.6.1 Measurement Instruments

As described in chapter 5 of this test report.

4.6.2 Test Procedure

The measurement is made according to ANSI/TIA-603-C-2004 as follows:

The equipment under test is placed inside the semi-anechoic chamber on a wooden table at the turntable center. For each spurious frequency, the antenna mast is raised and lowered from 1 to 4 meters and the turntable is rotated 360 degrees to obtain a maximum reading on the spectrum analyzer. This is repeated for both horizontal and vertical polarizations of the receive antenna.

The equipment under test is then replaced with a substitution antenna fed by a signal generator. With the signal generator tuned to a particular spurious frequency, the antenna mast is raised and lowered from 1 to 4 meters to obtain a maximum reading at the spectrum analyzer. The output of the signal generator is then adjusted until a reading identical to that obtained with the actual transmitter is achieved.

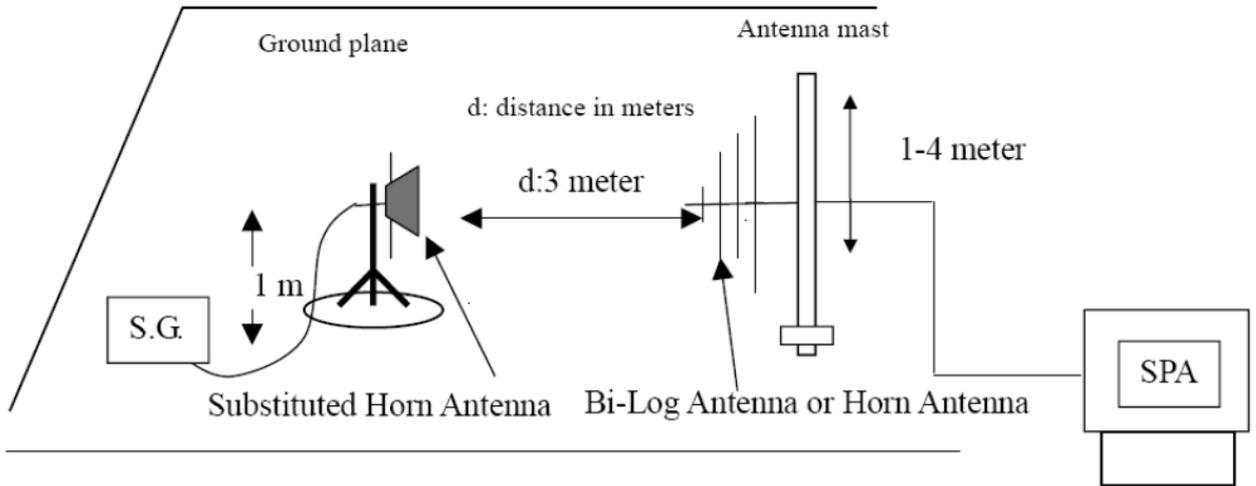
The power in dBm of each spurious emission is calculated by correcting the signal generator level for cable loss and gain of the substitution antenna referenced to a dipole. A fully charged battery was used for the supply voltage.

The settings of the receiver were as follows:

| | |
|----------------------|-------|
| Units | dBm |
| Resolution Bandwidth | 1 MHz |
| Video Bandwidth | Auto |
| Sweep Time | Auto |

4.6.3 Test Setup Layout

Substituted Method Test Set-up





4.6.4 Test Result (Original test)

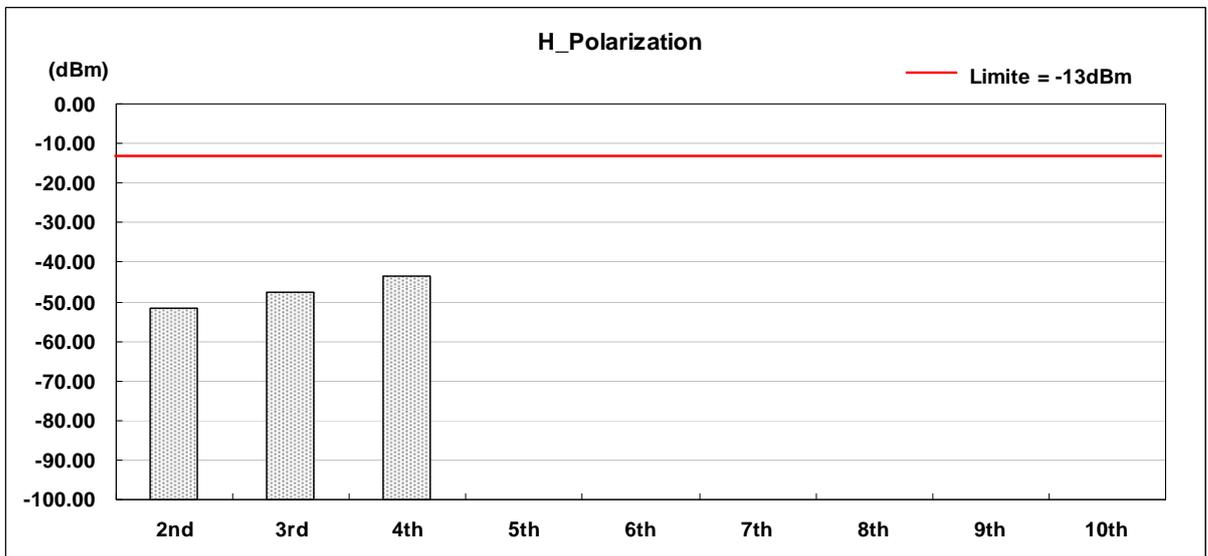
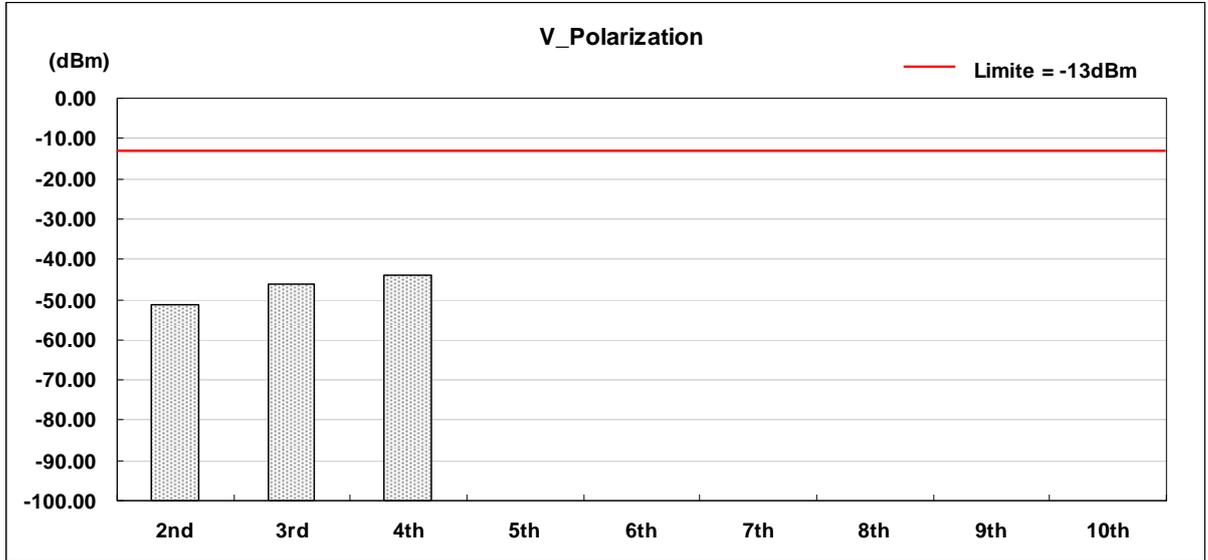
4.6.4.1 GSM 850 Test Result

Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : GSM 850 (Low CH128)
 Test Date : 06/09/2009

| Harmonic | Frequency (MHz) | Polarization | FCC Max. Limit | S.G Power | Substitution Antenna Gain | Cable Loss | Peak Output Power |
|----------|-----------------|--------------|----------------|-----------|---------------------------|------------|-------------------|
| | | | (dBm) | (dBm) | (dBi) | (dBm) | (dBm) |
| 2nd | 1648.8 | V | -13 | -61.31 | 10.72 | 0.56 | -51.15 |
| 3rd | 2473.2 | V | -13 | -56.13 | 10.66 | 0.62 | -46.09 |
| 4th | 3297.6 | V | -13 | -53.95 | 10.78 | 0.74 | -43.91 |
| 5th | 4122.0 | V | -13 | * | * | * | * |
| 6th | 4946.4 | V | -13 | * | * | * | * |
| 7th | 5770.8 | V | -13 | * | * | * | * |
| 8th | 6595.2 | V | -13 | * | * | * | * |
| 9th | 7419.6 | V | -13 | * | * | * | * |
| 10th | 8244.0 | V | -13 | * | * | * | * |
| 2nd | 1648.8 | H | -13 | -61.74 | 10.72 | 0.56 | -51.58 |
| 3rd | 2473.2 | H | -13 | -57.61 | 10.66 | 0.62 | -47.57 |
| 4th | 3297.6 | H | -13 | -53.46 | 10.78 | 0.74 | -43.42 |
| 5th | 4122.0 | H | -13 | * | * | * | * |
| 6th | 4946.4 | H | -13 | * | * | * | * |
| 7th | 5770.8 | H | -13 | * | * | * | * |
| 8th | 6595.2 | H | -13 | * | * | * | * |
| 9th | 7419.6 | H | -13 | * | * | * | * |
| 10th | 8244.0 | H | -13 | * | * | * | * |

Notes:

- * Indicates the spurious emission could not be detected due to noise limitations or ambients.
- Each emission reported reflects the highest absolute level at the specific harmonic for the low, mid, and high channels at maximum power.
- The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.
- ERP = S.G Power (dBm) + Substitution Antenna Gain (dBd) - Cable Loss (dB)
 ERP = S.G Power (dBm) + Substitution Antenna Gain (dBi) - Cable Loss (dB)



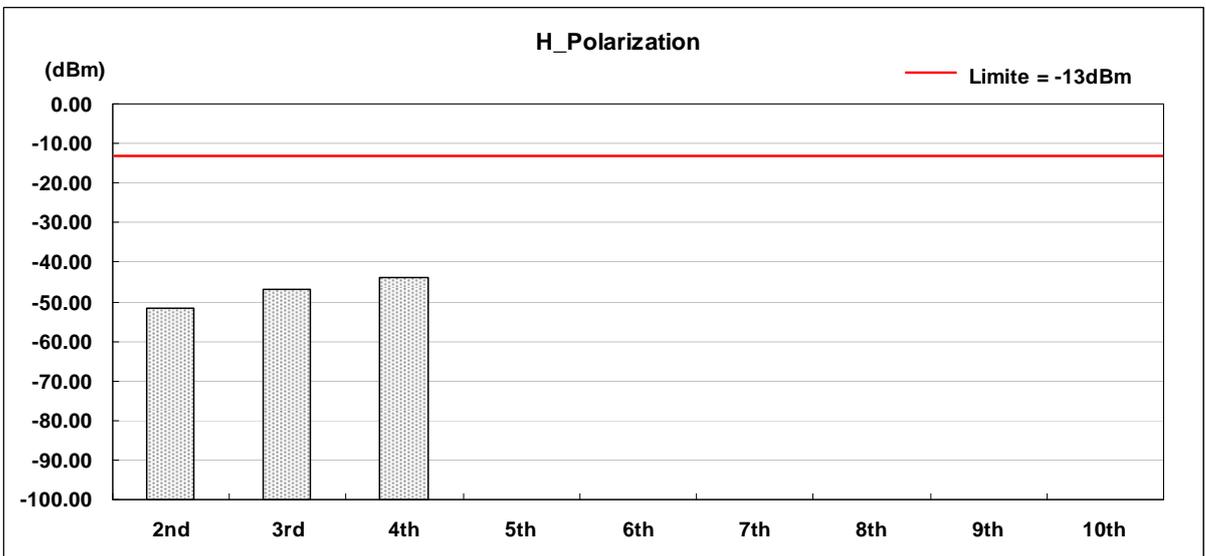
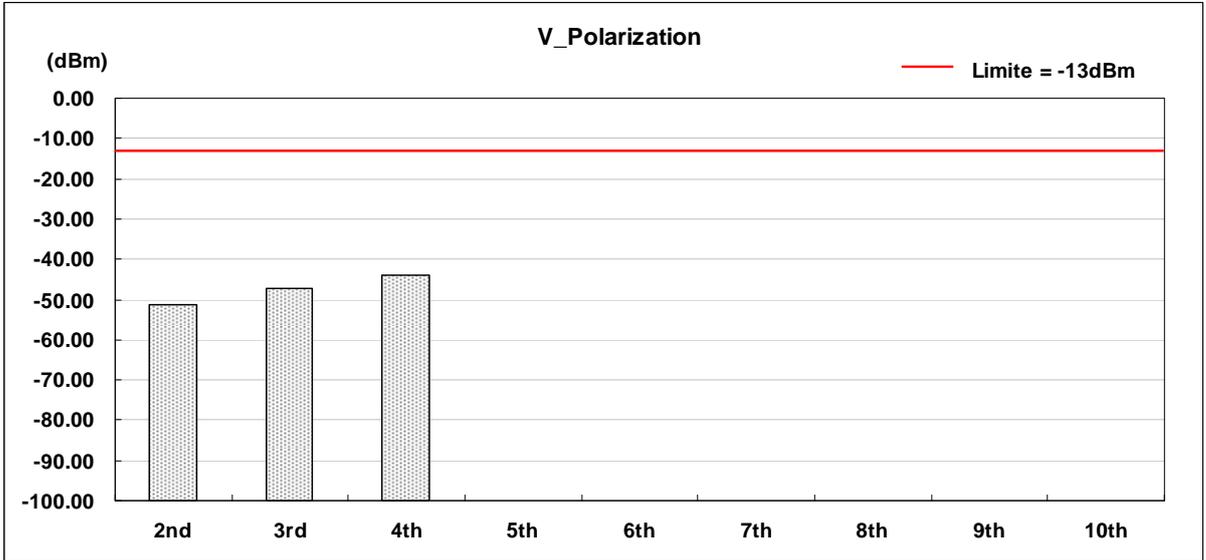


Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : GSM 850 (Middle CH190)
 Test Date : 06/09/2009

| Harmonic | Frequency (MHz) | Polarization | FCC Max. Limit | S.G Power | Substitution Antenna Gain | Cable Loss | Peak Output Power |
|----------|-----------------|--------------|----------------|-----------|---------------------------|------------|-------------------|
| | | | (dBm) | (dBm) | (dBi) | (dBm) | (dBm) |
| 2nd | 1673.2 | V | -13 | -61.49 | 10.72 | 0.56 | -51.33 |
| 3rd | 2509.8 | V | -13 | -57.19 | 10.66 | 0.62 | -47.15 |
| 4th | 3346.4 | V | -13 | -53.91 | 10.78 | 0.74 | -43.87 |
| 5th | 4183.0 | V | -13 | * | * | * | * |
| 6th | 5019.6 | V | -13 | * | * | * | * |
| 7th | 5856.2 | V | -13 | * | * | * | * |
| 8th | 6692.8 | V | -13 | * | * | * | * |
| 9th | 7529.4 | V | -13 | * | * | * | * |
| 10th | 8366.0 | V | -13 | * | * | * | * |
| 2nd | 1673.2 | H | -13 | -61.71 | 10.72 | 0.56 | -51.55 |
| 3rd | 2509.8 | H | -13 | -56.96 | 10.66 | 0.62 | -46.92 |
| 4th | 3346.4 | H | -13 | -54.13 | 10.78 | 0.74 | -44.09 |
| 5th | 4183.0 | H | -13 | * | * | * | * |
| 6th | 5019.6 | H | -13 | * | * | * | * |
| 7th | 5856.2 | H | -13 | * | * | * | * |
| 8th | 6692.8 | H | -13 | * | * | * | * |
| 9th | 7529.4 | H | -13 | * | * | * | * |
| 10th | 8366.0 | H | -13 | * | * | * | * |

Notes:

- * Indicates the spurious emission could not be detected due to noise limitations or ambients.
- Each emission reported reflects the highest absolute level at the specific harmonic for the low, mid, and high channels at maximum power.
- The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.
- $ERP = S.G \text{ Power (dBm)} + \text{Substitution Antenna Gain (dBd)} - \text{Cable Loss (dB)}$
 $ERP = S.G \text{ Power (dBm)} + \text{Substitution Antenna Gain (dBi)} - \text{Cable Loss (dB)}$



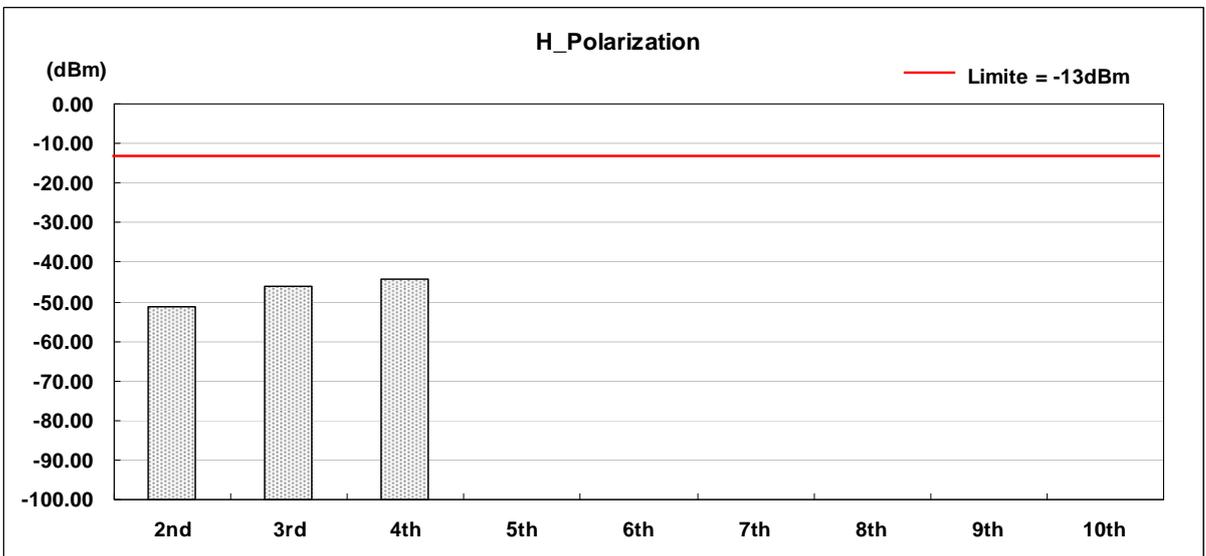
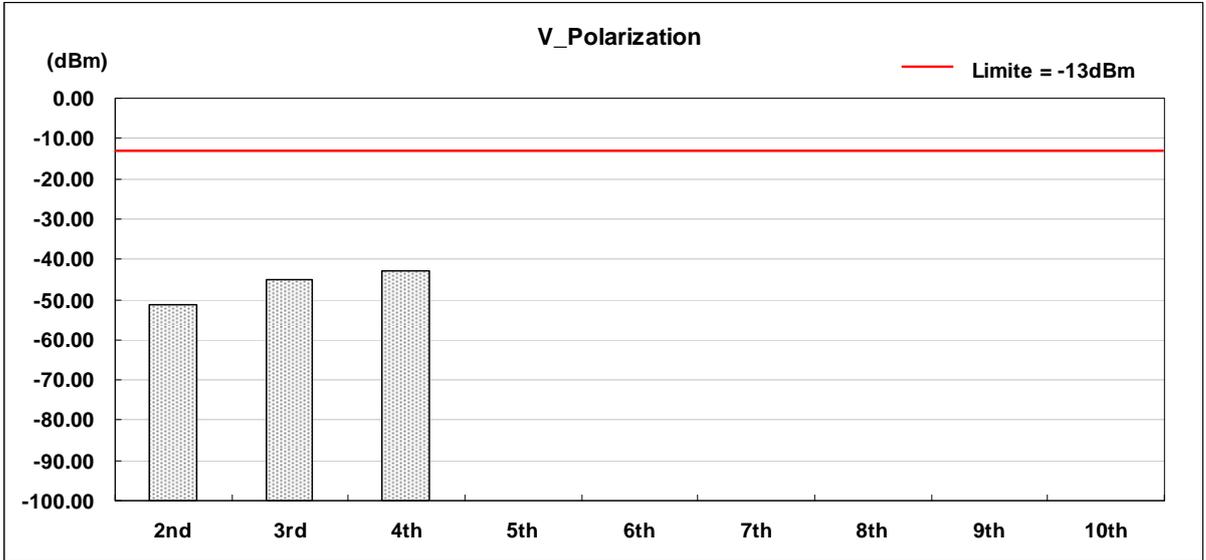


Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : GSM 850 (High CH 251)
 Test Date : 06/09/2009

| Harmonic | Frequency (MHz) | Polarization | FCC Max. Limit | S.G Power | Substitution Antenna Gain | Cable Loss | Peak Output Power |
|----------|-----------------|--------------|----------------|-----------|---------------------------|------------|-------------------|
| | | | (dBm) | (dBm) | (dBi) | (dBm) | (dBm) |
| 2nd | 1697.6 | V | -13 | -61.52 | 10.72 | 0.56 | -51.36 |
| 3rd | 2546.4 | V | -13 | -55.25 | 10.66 | 0.62 | -45.21 |
| 4th | 3395.2 | V | -13 | -53.04 | 10.78 | 0.74 | -43.00 |
| 5th | 4244.0 | V | -13 | * | * | * | * |
| 6th | 5092.8 | V | -13 | * | * | * | * |
| 7th | 5941.6 | V | -13 | * | * | * | * |
| 8th | 6790.4 | V | -13 | * | * | * | * |
| 9th | 7639.2 | V | -13 | * | * | * | * |
| 10th | 8488.0 | V | -13 | * | * | * | * |
| 2nd | 1697.6 | H | -13 | -61.40 | 10.72 | 0.56 | -51.24 |
| 3rd | 2546.4 | H | -13 | -56.23 | 10.66 | 0.62 | -46.19 |
| 4th | 3395.2 | H | -13 | -54.38 | 10.78 | 0.74 | -44.34 |
| 5th | 4244.0 | H | -13 | * | * | * | * |
| 6th | 5092.8 | H | -13 | * | * | * | * |
| 7th | 5941.6 | H | -13 | * | * | * | * |
| 8th | 6790.4 | H | -13 | * | * | * | * |
| 9th | 7639.2 | H | -13 | * | * | * | * |
| 10th | 8488.0 | H | -13 | * | * | * | * |

Notes:

- * Indicates the spurious emission could not be detected due to noise limitations or ambients.
- Each emission reported reflects the highest absolute level at the specific harmonic for the low, mid, and high channels at maximum power.
- The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.
- ERP = S.G Power (dBm) + Substitution Antenna Gain (dBd) - Cable Loss (dB)
 ERP = S.G Power (dBm) + Substitution Antenna Gain (dBi) - Cable Loss (dB)





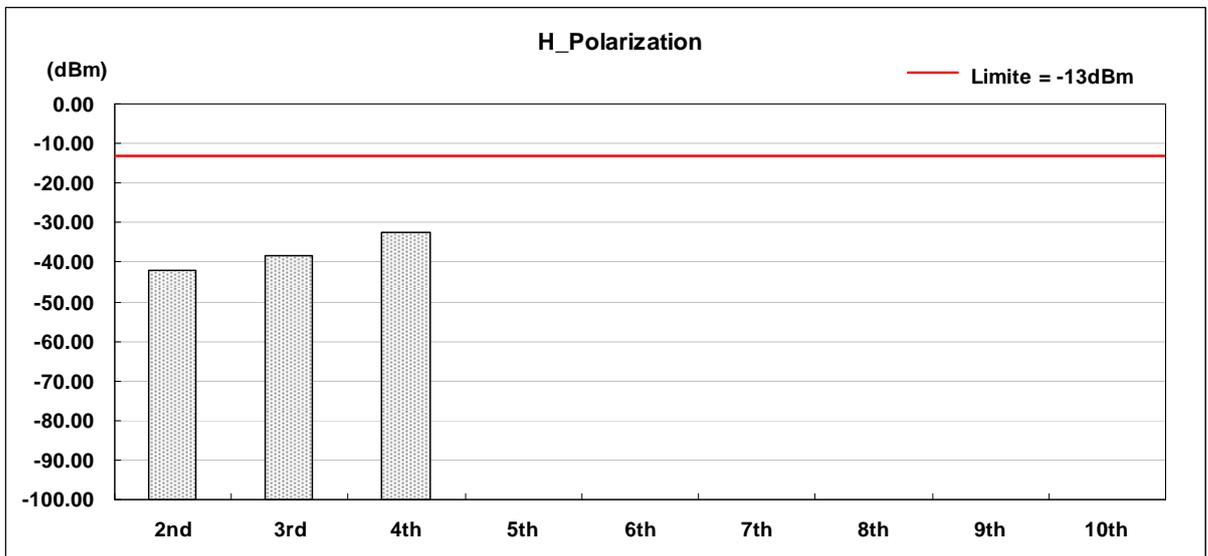
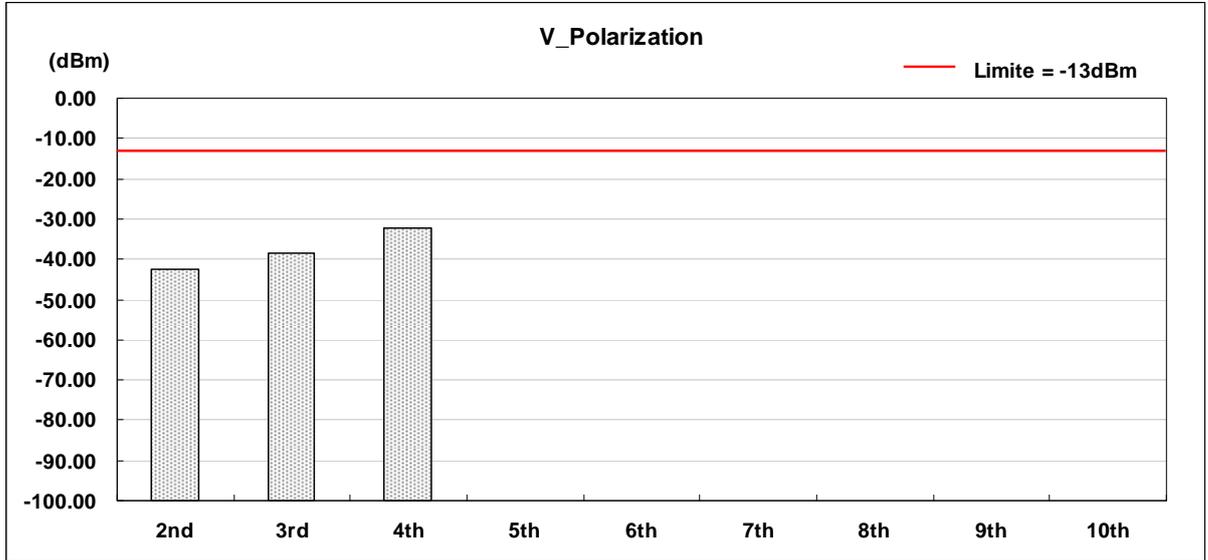
4.6.4.2 PCS 1900 Test Result

Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : PCS 1900 (Low CH512)
 Test Date : 06/09/2009

| Harmonic | Frequency (MHz) | Polarization | FCC Max. Limit | S.G Power | Substitution Antenna Gain | Cable Loss | Peak Output Power |
|----------|-----------------|--------------|----------------|-----------|---------------------------|------------|-------------------|
| | | | (dBm) | (dBm) | (dBi) | (dBm) | (dBm) |
| 2nd | 3700.4 | V | -13 | -52.53 | 10.72 | 0.56 | -42.37 |
| 3rd | 5550.6 | V | -13 | -48.40 | 10.66 | 0.62 | -38.36 |
| 4th | 7400.8 | V | -13 | -42.34 | 10.78 | 0.74 | -32.30 |
| 5th | 9251.0 | V | -13 | * | * | * | * |
| 6th | 11101.2 | V | -13 | * | * | * | * |
| 7th | 12951.4 | V | -13 | * | * | * | * |
| 8th | 14801.6 | V | -13 | * | * | * | * |
| 9th | 16651.8 | V | -13 | * | * | * | * |
| 10th | 18502.0 | V | -13 | * | * | * | * |
| 2nd | 3700.4 | H | -13 | -52.39 | 10.72 | 0.56 | -42.23 |
| 3rd | 5550.6 | H | -13 | -48.41 | 10.66 | 0.62 | -38.37 |
| 4th | 7400.8 | H | -13 | -42.53 | 10.78 | 0.74 | -32.49 |
| 5th | 9251.0 | H | -13 | * | * | * | * |
| 6th | 11101.2 | H | -13 | * | * | * | * |
| 7th | 12951.4 | H | -13 | * | * | * | * |
| 8th | 14801.6 | H | -13 | * | * | * | * |
| 9th | 16651.8 | H | -13 | * | * | * | * |
| 10th | 18502.0 | H | -13 | * | * | * | * |

Notes:

- * Indicates the spurious emission could not be detected due to noise limitations or ambients.
- Each emission reported reflects the highest absolute level at the specific harmonic for the low, mid, and high channels at maximum power.
- The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.
- ERP = S.G Power (dBm) + Substitution Antenna Gain (dBd) - Cable Loss (dB)
 ERP = S.G Power (dBm) + Substitution Antenna Gain (dBi) - Cable Loss (dB)



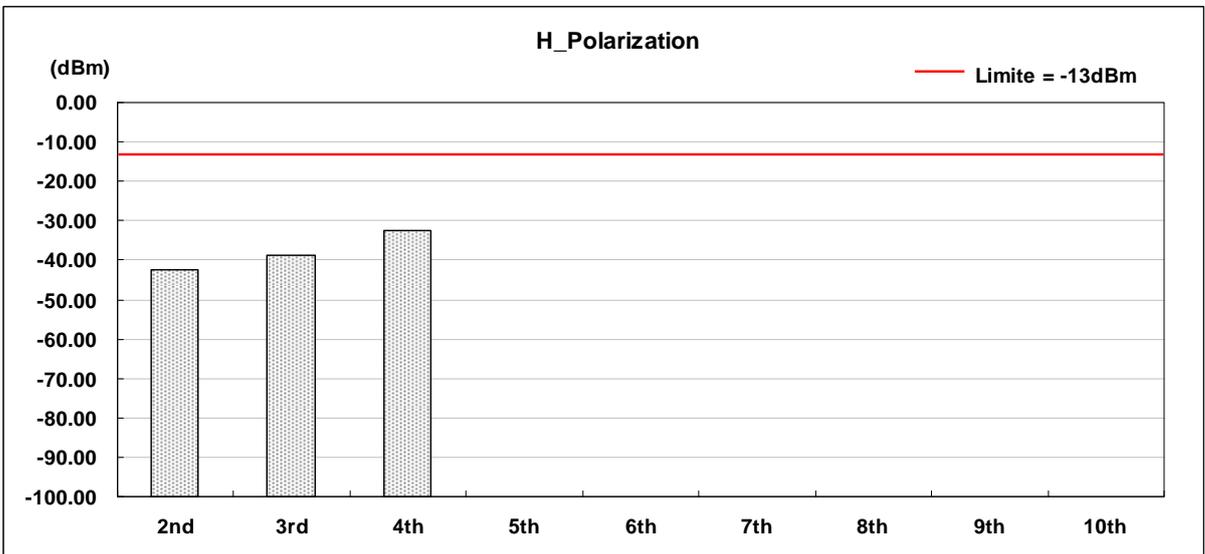
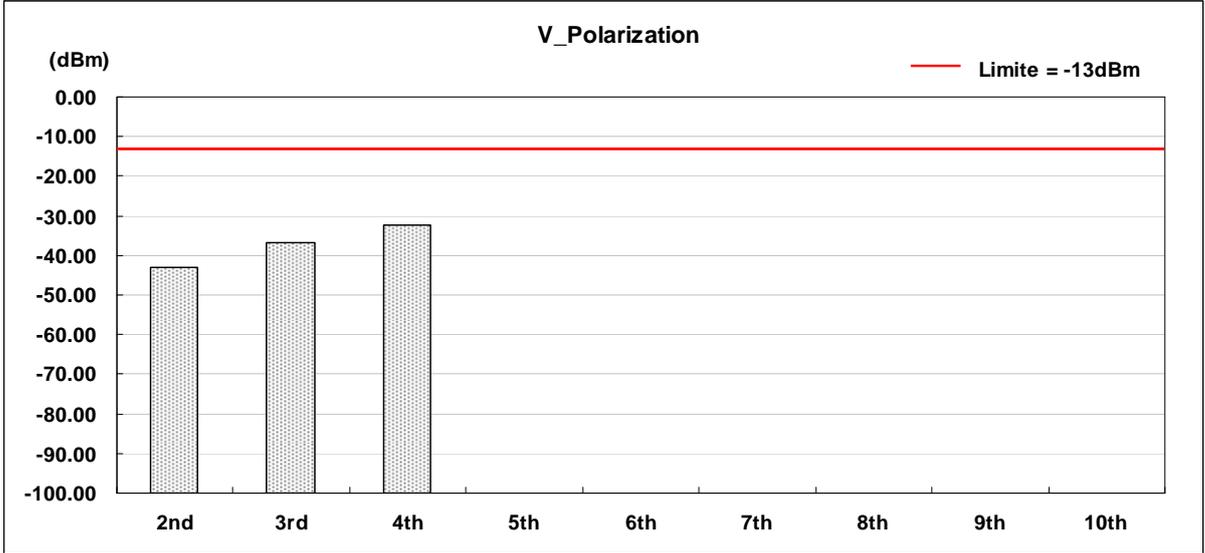


Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : PCS 1900 (Middle CH661)
 Test Date : 06/09/2009

| Harmonic | Frequency (MHz) | Polarization | FCC Max. Limit | S.G Power | Substitution Antenna Gain | Cable Loss | Peak Output Power |
|----------|-----------------|--------------|----------------|-----------|---------------------------|------------|-------------------|
| | | | (dBm) | (dBm) | (dBi) | (dBm) | (dBm) |
| 2nd | 3760.0 | V | -13 | -53.23 | 10.72 | 0.56 | -43.07 |
| 3rd | 5640.0 | V | -13 | -46.81 | 10.66 | 0.62 | -36.77 |
| 4th | 7520.0 | V | -13 | -42.43 | 10.78 | 0.74 | -32.39 |
| 5th | 9400.0 | V | -13 | * | * | * | * |
| 6th | 11280.0 | V | -13 | * | * | * | * |
| 7th | 13160.0 | V | -13 | * | * | * | * |
| 8th | 15040.0 | V | -13 | * | * | * | * |
| 9th | 16920.0 | V | -13 | * | * | * | * |
| 10th | 18800.0 | V | -13 | * | * | * | * |
| 2nd | 3760.0 | H | -13 | -52.72 | 10.72 | 0.56 | -42.56 |
| 3rd | 5640.0 | H | -13 | -48.77 | 10.66 | 0.62 | -38.73 |
| 4th | 7520.0 | H | -13 | -42.40 | 10.78 | 0.74 | -32.36 |
| 5th | 9400.0 | H | -13 | * | * | * | * |
| 6th | 11280.0 | H | -13 | * | * | * | * |
| 7th | 13160.0 | H | -13 | * | * | * | * |
| 8th | 15040.0 | H | -13 | * | * | * | * |
| 9th | 16920.0 | H | -13 | * | * | * | * |
| 10th | 18800.0 | H | -13 | * | * | * | * |

Notes:

- * Indicates the spurious emission could not be detected due to noise limitations or ambients.
- Each emission reported reflects the highest absolute level at the specific harmonic for the low, mid, and high channels at maximum power.
- The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.
- ERP = S.G Power (dBm) + Substitution Antenna Gain (dBd) - Cable Loss (dB)
 ERP = S.G Power (dBm) + Substitution Antenna Gain (dBi) - Cable Loss (dB)



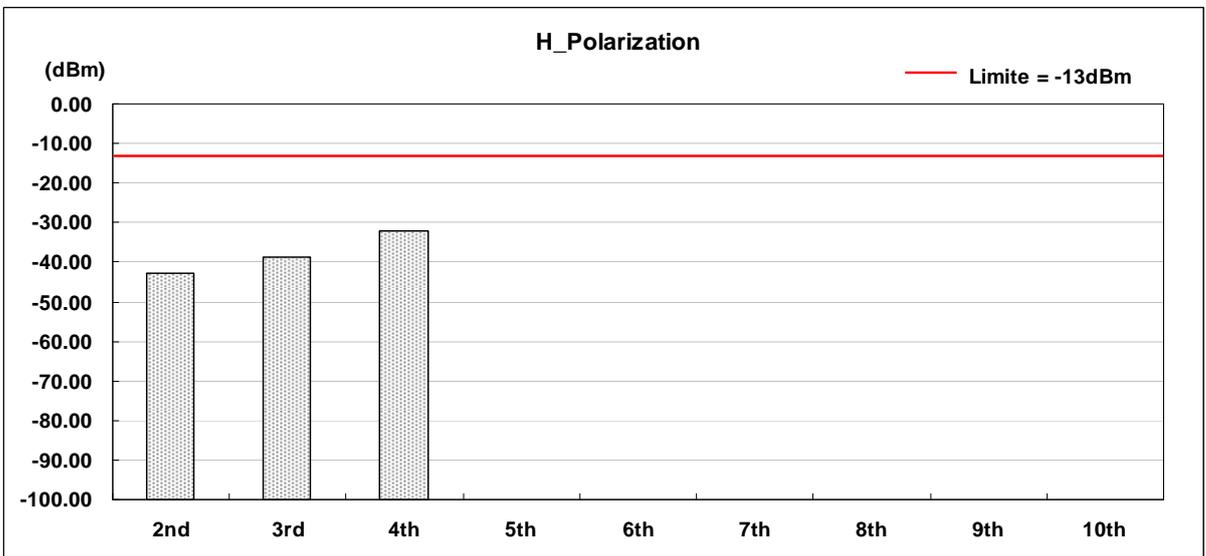
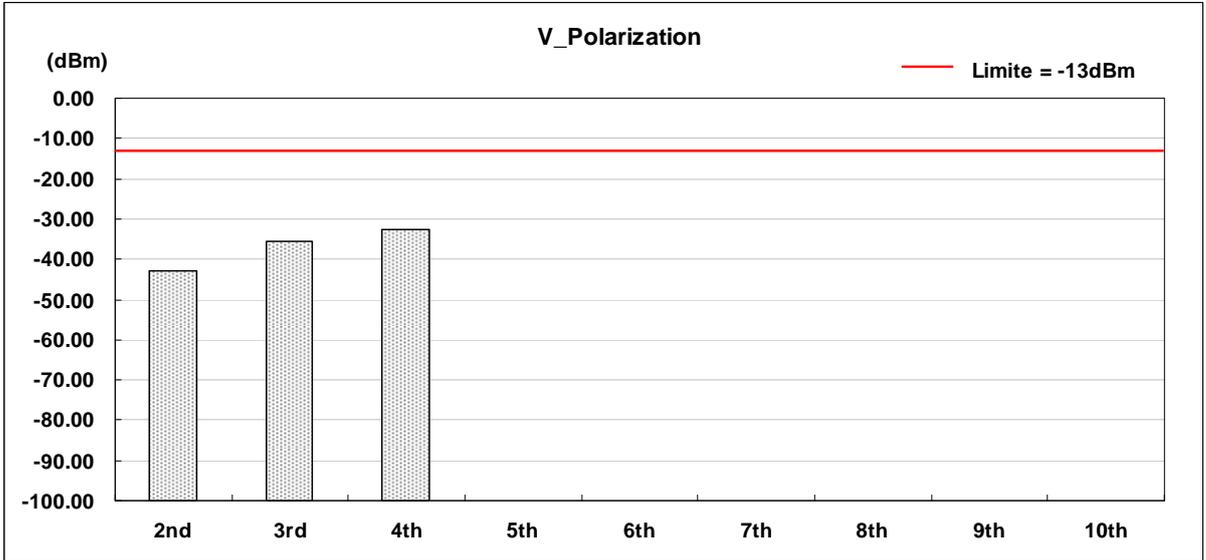


Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : PCS 1900 (High CH 810)
 Test Date : 06/09/2009

| Harmonic | Frequency (MHz) | Polarization | FCC Max. Limit | S.G Power | Substitution Antenna Gain | Cable Loss | Peak Output Power |
|----------|-----------------|--------------|----------------|-----------|---------------------------|------------|-------------------|
| | | | (dBm) | (dBm) | (dBi) | (dBm) | (dBm) |
| 2nd | 3819.6 | V | -13 | -53.19 | 10.72 | 0.56 | -43.03 |
| 3rd | 5729.4 | V | -13 | -45.46 | 10.66 | 0.62 | -35.42 |
| 4th | 7639.2 | V | -13 | -42.64 | 10.78 | 0.74 | -32.60 |
| 5th | 9549.0 | V | -13 | * | * | * | * |
| 6th | 11458.8 | V | -13 | * | * | * | * |
| 7th | 13368.6 | V | -13 | * | * | * | * |
| 8th | 15278.4 | V | -13 | * | * | * | * |
| 9th | 17188.2 | V | -13 | * | * | * | * |
| 10th | 19098.0 | V | -13 | * | * | * | * |
| 2nd | 3819.6 | H | -13 | -52.82 | 10.72 | 0.56 | -42.66 |
| 3rd | 5729.4 | H | -13 | -48.85 | 10.66 | 0.62 | -38.81 |
| 4th | 7639.2 | H | -13 | -42.20 | 10.78 | 0.74 | -32.16 |
| 5th | 9549.0 | H | -13 | * | * | * | * |
| 6th | 11458.8 | H | -13 | * | * | * | * |
| 7th | 13368.6 | H | -13 | * | * | * | * |
| 8th | 15278.4 | H | -13 | * | * | * | * |
| 9th | 17188.2 | H | -13 | * | * | * | * |
| 10th | 19098.0 | H | -13 | * | * | * | * |

Notes:

- * Indicates the spurious emission could not be detected due to noise limitations or ambients.
- Each emission reported reflects the highest absolute level at the specific harmonic for the low, mid, and high channels at maximum power.
- The Spectrum was investigated from 30 MHz to the tenth harmonic of the fundamental.
- $ERP = S.G \text{ Power (dBm)} + \text{Substitution Antenna Gain (dBd)} - \text{Cable Loss (dB)}$
 $ERP = S.G \text{ Power (dBm)} + \text{Substitution Antenna Gain (dBi)} - \text{Cable Loss (dB)}$



4.7 Frequency Stability (Temperature Variation)

4.7.1 Measurement Instrument

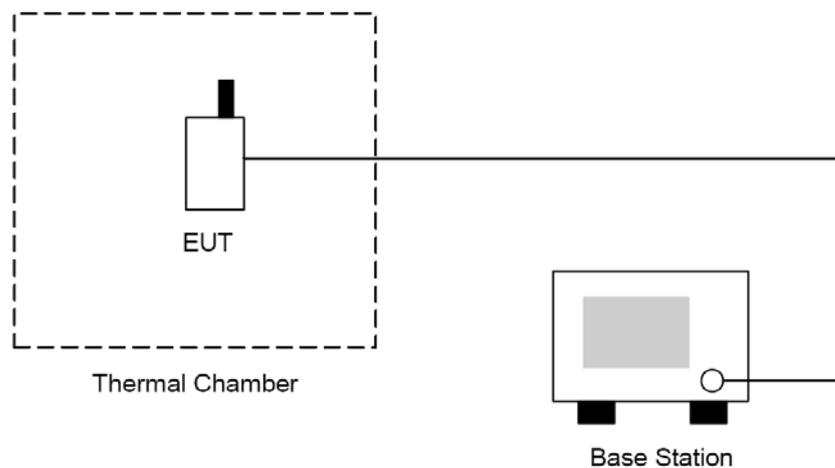
As described in chapter 5 of this test report.

4.7.2 Test Procedure

The measurement is made according to FCC rules part 22 and 24:

1. The EUT and test equipment were set up as shown on the following section.
2. With all power removed, the temperature was decreased to -30°C and permitted to stabilize for three hours. Power was applied and the maximum change in frequency was note within one minute.
3. With power OFF, the temperature was raised in 10°C steps. The sample was permitted to stabilize at each step for at least one-half hour. Power was applied and the maximum frequency change was noted within one minute.
4. The temperature tests were performed for the worst case.
5. Test data was recorded.

4.7.3 Test Setup Layout





4.7.4 Test Result

Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : GSM 850 (Middle CH190)
 Test Date : 06/09/2009

| Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
|------------------|----------------|-----------------|-------------|
| -30 | 22.19 | 0.027 | 0.1 |
| -20 | 23.41 | 0.028 | 0.1 |
| -10 | 22.65 | 0.027 | 0.1 |
| 0 | 21.58 | 0.026 | 0.1 |
| 10 | 23.23 | 0.028 | 0.1 |
| 20 | 21.76 | 0.026 | 0.1 |
| 30 | 20.39 | 0.024 | 0.1 |
| 40 | 25.47 | 0.030 | 0.1 |
| 50 | 19.38 | 0.023 | 0.1 |

Applicant : HTC Corporation
 Model No : CLIC100
 EUT : PDA Phone
 Test Mode : PCS 1900 (Middle CH661)
 Test Date : 06/09/2009

| Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |
|------------------|----------------|-----------------|-------------|
| -30 | 18.45 | 0.010 | 1 |
| -20 | 19.27 | 0.010 | 1 |
| -10 | 21.11 | 0.011 | 1 |
| 0 | 20.46 | 0.011 | 1 |
| 10 | 18.49 | 0.010 | 1 |
| 20 | 18.53 | 0.010 | 1 |
| 30 | 15.64 | 0.008 | 1 |
| 40 | 18.68 | 0.010 | 1 |
| 50 | 17.76 | 0.009 | 1 |

4.8 Frequency Stability (Voltage Variation)

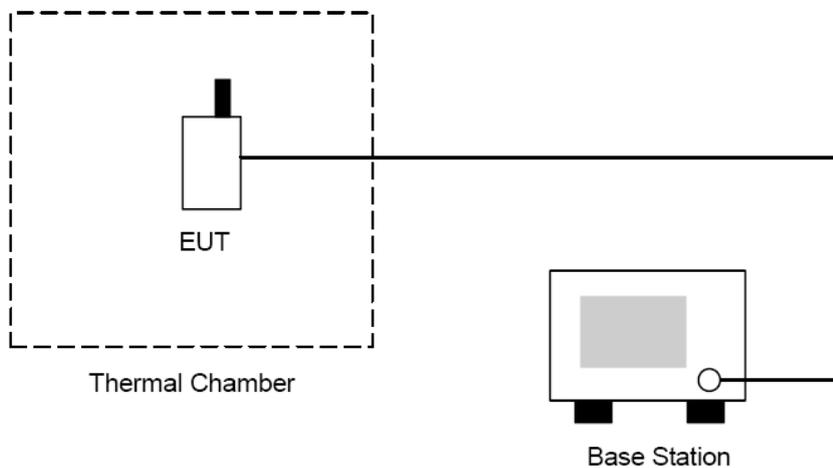
4.8.1 Measurement Instrument

As described in chapter 5 of this test report.

4.8.2 Test Procedure

1. The EUT was placed in a temperature chamber at 25 ± 5 °C and connected as the following section.
2. The power supply voltage to the EUT was varied from BEP to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

4.8.3 Test Setup Layout





4.8.4 Test Result

Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : GSM 850 (Middle CH190)
Test Date : 06/09/2009

| Level | Voltage [V] | Deviation [Hz] | Deviation [ppm] | Limit [ppm] |
|-----------------------|-------------|----------------|-----------------|-------------|
| Battery full point | 4.25 | 22.42 | 0.027 | 0.1 |
| Normal | 3.70 | 25.96 | 0.031 | 0.1 |
| Battery cut-off point | 3.20 | 26.81 | 0.032 | 0.1 |

Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : PCS 1900 (Middle CH661)
Test Date : 06/09/2009

| Level | Voltage [V] | Deviation [Hz] | Deviation [ppm] | Limit [ppm] |
|-----------------------|-------------|----------------|-----------------|-------------|
| Battery full point | 4.25 | 24.73 | 0.013 | 1 |
| Normal | 3.70 | 26.26 | 0.014 | 1 |
| Battery cut-off point | 3.20 | 27.19 | 0.014 | 1 |



4.9 AC Power Conducted Emissions Requirements

4.9.1 Measurement Instrument

As described in chapter 5 of this test report.

4.9.2 Test Procedure

The measurement is made according to FCC rules 15.207:

The power line conducted emission measurements were performed in a shielded enclosure. The EUT was assembled on a wooden table which is 80 centimeters high, was placed 40 centimeters from the back wall and at least 1 meter from the sidewall.

Power was fed to the EUT from the public utility power grid through a line filter and EMCO Model 3162/2 SH Line Impedance Stabilization Networks (LISN). The LISN housing, measuring instrumentation case, ground plane, etc., were electrically bonded together at the same RF potential. The Spectrum analyzer was connected to the AC line through an isolation transformer. The 50-ohm output of the LISN was connected to the spectrum analyzer directly. Conducted emission levels were in the CISPR quasi-peak detection mode. The analyzer's 6 dB bandwidth was set to 9 KHz. No post-detector video filter was used.

The spectrum was scanned from 150 KHz to 30 MHz. The physical arrangement of the test system and associated cabling was varied (within the scope of arrangements likely to be encountered in actual use) to determine the effect on the unit's emanations in amplitude and frequency. All spurious emission frequencies were observed. The highest emission amplitudes relative to the appropriate limit were measured and have been recorded in paragraph 2.6.



4.9.3 Test condition:

EUT tested in accordance with the specifications given by the Manufacturer, and exercised in the most unfavorable manner.

4.9.4 Conducted Emissions Limits:

| Frequency range (MHz) | Limits (dBuV) | |
|-----------------------|---------------|----------|
| | Quasi-peak | Average |
| 0.15 to 0.50 | 66 to 56 | 56 to 46 |
| 0.50 to 5.0 | 56 | 46 |
| 5.0 to 30 | 60 | 50 |



4.9.5 Test Result

4.9.5.1 GSM 850 Test Result

Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : Link Mode _ GSM 850 (Middle CH190)
Test Date : 06/08/200

Please refer to next pager of detail testing data.



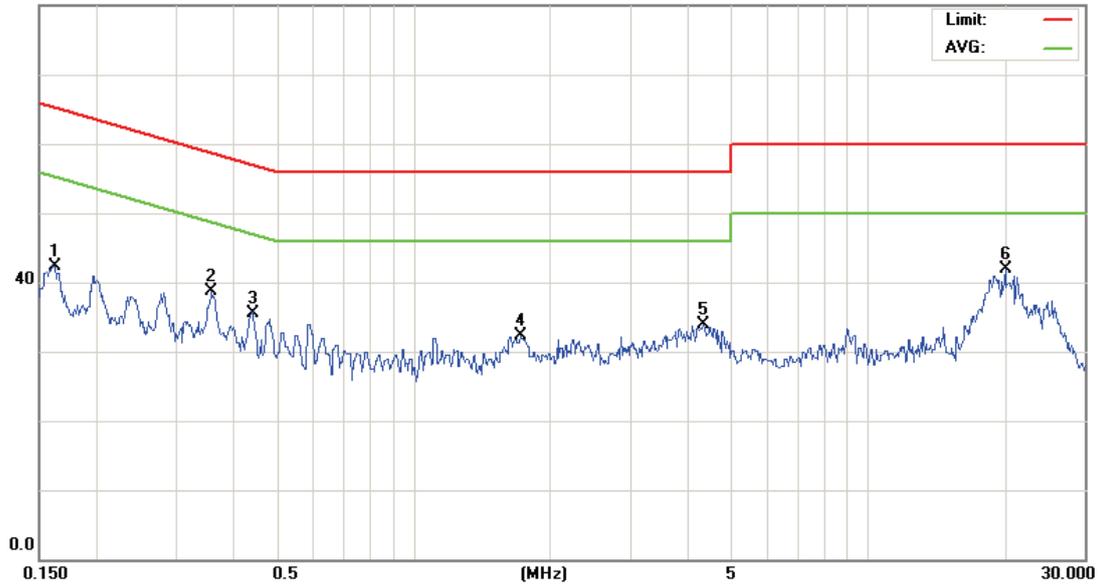
File :CLIC100(GSM850)

Data :#1

Date: 2009-6-8

Time: 下午 02:11:49

80.0 dBuV



Site site#1

Phase: **L1**

Temperature: 26 °C

Limit: CISPR22 Class B Conduction(QP)

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

M/N: 09-0141-SE

Mode: P15B

Note: GSM850(CH190),WiFi11g(CH6),GPS

ADAPTER:PSAI05R-050Q

| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1 | | 0.1619 | 32.58 | 9.73 | 42.31 | 65.36 | -23.05 | peak | |
| 2 | | 0.3593 | 28.89 | 9.78 | 38.67 | 58.74 | -20.07 | peak | |
| 3 | | 0.4398 | 25.82 | 9.78 | 35.60 | 57.06 | -21.46 | peak | |
| 4 | | 1.7240 | 22.41 | 9.82 | 32.23 | 56.00 | -23.77 | peak | |
| 5 | | 4.3250 | 23.82 | 10.01 | 33.83 | 56.00 | -22.17 | peak | |
| 6 | * | 20.0500 | 31.63 | 10.22 | 41.85 | 60.00 | -18.15 | peak | |

*:Maximum data x:Over limit !:over margin

●Reference Only



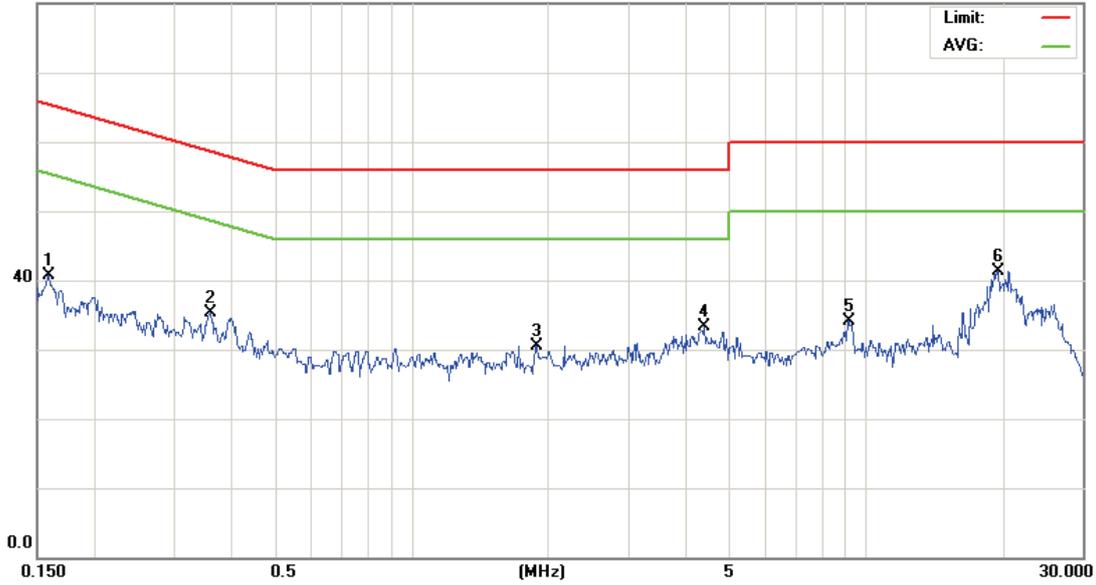
File :CLIC100(GSM850)

Data :#2

Date: 2009-6-8

Time: 下午 02:16:25

80.0 dBuV



Site site#1 Phase: **L2** Temperature: 26 °C
 Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %
 EUT:
 M/N: 09-0141-SE
 Mode: P15B
 Note: GSM850(CH190),WiFi11g(CH6),GPS
 ADAPTER:PSAI05R-050Q

| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1 | | 0.1584 | 30.88 | 9.73 | 40.61 | 65.54 | -24.93 | peak | |
| 2 | | 0.3607 | 25.49 | 9.78 | 35.27 | 58.71 | -23.44 | peak | |
| 3 | | 1.8860 | 20.63 | 9.83 | 30.46 | 56.00 | -25.54 | peak | |
| 4 | | 4.3970 | 23.31 | 10.01 | 33.32 | 56.00 | -22.68 | peak | |
| 5 | | 9.1500 | 23.94 | 10.09 | 34.03 | 60.00 | -25.97 | peak | |
| 6 | * | 19.4500 | 31.09 | 10.28 | 41.37 | 60.00 | -18.63 | peak | |

*:Maximum data x:Over limit !:over margin

●Reference Only



4.9.5.2 PCS 1900 Test Result

Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : Link Mode _ PCS 1900 (Middle CH661)
Test Date : 06/08/200

Please refer to next pager of detail testing data.



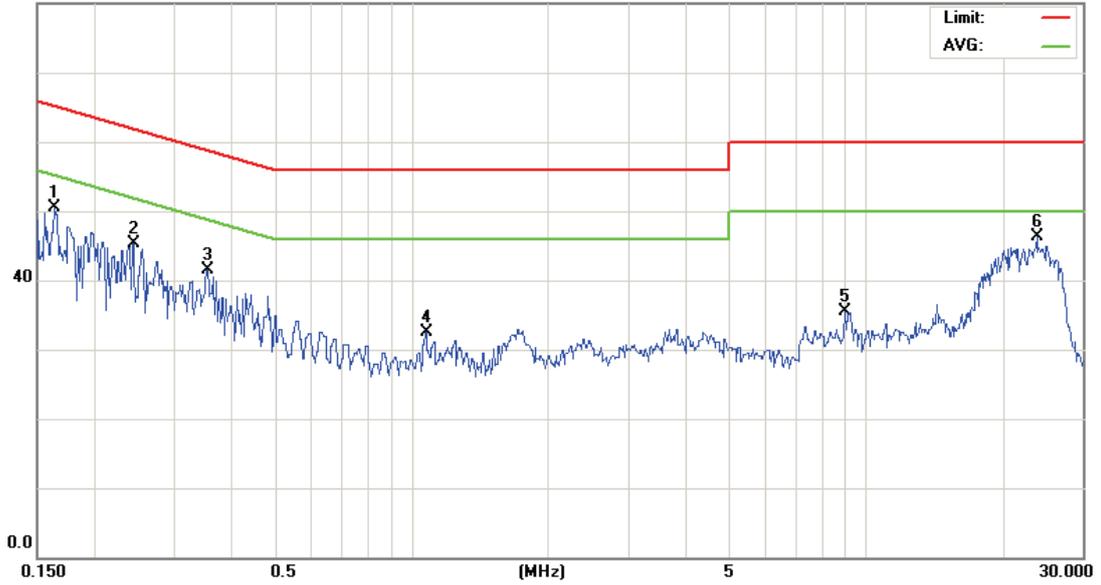
File :CLIC100(PCS1900)

Data :#1

Date: 2009-6-8

Time: 下午 01:59:08

80.0 dBuV



Site site#1

Phase: **L1**

Temperature: 26 °C

Limit: CISPR22 Class B Conduction(QP)

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

M/N: 09-0141-SE

Mode: P15B

Note: PCS1900(CH661),WiFi11b(CH6),BT

ADAPTER:PSAI05R-050Q

| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1 | | 0.1633 | 40.86 | 9.73 | 50.59 | 65.29 | -14.70 | peak | |
| 2 | | 0.2431 | 35.62 | 9.75 | 45.37 | 61.99 | -16.62 | peak | |
| 3 | | 0.3543 | 31.77 | 9.78 | 41.55 | 58.86 | -17.31 | peak | |
| 4 | | 1.0760 | 22.64 | 9.80 | 32.44 | 56.00 | -23.56 | peak | |
| 5 | | 9.0000 | 25.39 | 10.09 | 35.48 | 60.00 | -24.52 | peak | |
| 6 | * | 23.7000 | 35.95 | 10.32 | 46.27 | 60.00 | -13.73 | peak | |

*:Maximum data x:Over limit !:over margin

●Reference Only



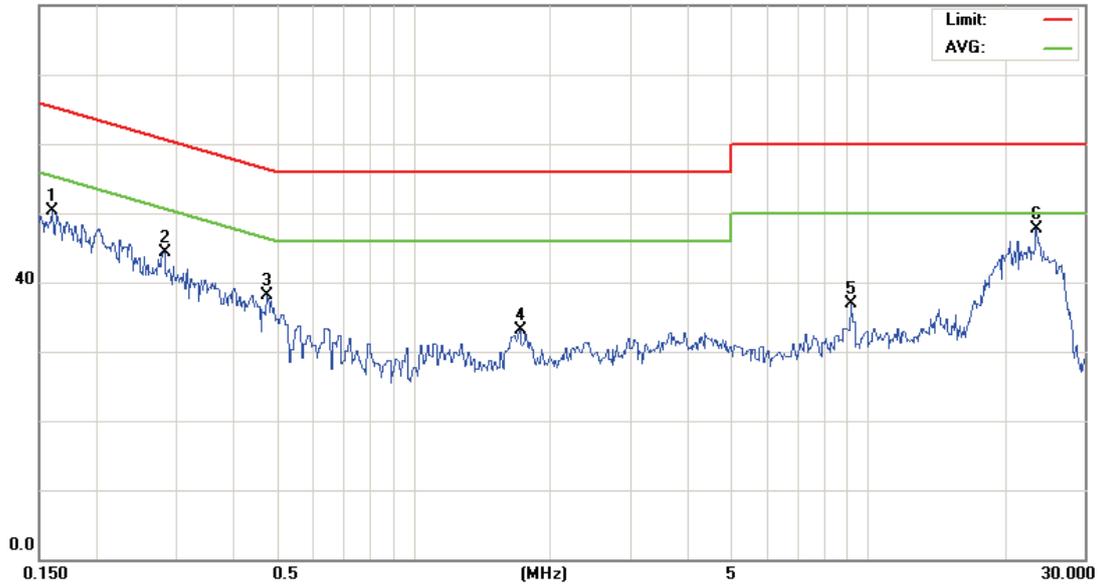
File :CLIC100(PCS1900)

Data :#2

Date: 2009-6-8

Time: 下午 02:00:51

80.0 dBuV



Site site#1 Phase: **L2** Temperature: 26 °C
 Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %
 EUT:
 M/N: 09-0141-SE
 Mode: P15B
 Note: PCS1900(CH661),WiFi11b(CH6),BT
 ADAPTER:PSAI05R-050Q

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Detector | Comment |
|-----|-----|---------|---------------|----------------|-------------|-------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | | |
| 1 | | 0.1598 | 40.51 | 9.73 | 50.24 | 65.47 | -15.23 | peak | |
| 2 | | 0.2823 | 34.50 | 9.76 | 44.26 | 60.75 | -16.49 | peak | |
| 3 | | 0.4748 | 28.40 | 9.78 | 38.18 | 56.43 | -18.25 | peak | |
| 4 | | 1.7150 | 23.29 | 9.82 | 33.11 | 56.00 | -22.89 | peak | |
| 5 | | 9.2000 | 26.89 | 10.09 | 36.98 | 60.00 | -23.02 | peak | |
| 6 | * | 23.4000 | 37.44 | 10.35 | 47.79 | 60.00 | -12.21 | peak | |

*:Maximum data x:Over limit !:over margin

●Reference Only



5. List of Measurement Equipments

| Manufacturer | Name of Equipment | Type/Model | Serial Number | Calibration | |
|---|--------------------------|---------------------------|---------------|---------------|---------------|
| | | | | Last Cal. | Due Date |
| Agilent | Spectrum analyzer | E4408B | MY45107753 | Jun. 05, 2009 | Jun. 05, 2010 |
| R&S | Receiver | ESCI | 100367 | Jun. 05, 2009 | Jun. 05, 2010 |
| SCHWARZBECK | Trilog Broadband Antenna | VULB 9163 | 9163-270 | Jun. 26, 2008 | Jun. 26, 2009 |
| SCHWARZBECK | Broadband Horn Antenna | BBHA 9120D | 9120D-550 | Jun. 26, 2008 | Jun. 26, 2009 |
| SCHWARZBECK | Broadband Horn Antenna | BBHA 9170 | 9170-320 | Aug. 07, 2008 | Aug. 07, 2009 |
| Agilent | Amplifier | 8447D | 2944A11119 | Jan. 19, 2009 | Jan. 19, 2010 |
| Universal Radio Communication Tester | ROHDE & SCHWARZ | CMU200 | 112387 | Jul. 25, 2008 | Jul. 25, 2009 |
| Spectrum Analyzer | Agilent | E4445A | MY45300744 | Dec. 22, 2008 | Dec. 22, 2009 |
| Loop Dipole | ETS-Lindgren | 3127-1880 | 00052640 | Jul. 02, 2008 | Jul. 02, 2009 |
| Loop Dipole | ETS-Lindgren | 3127-836 | 00055272 | Jun. 29, 2008 | Jun. 29, 2009 |
| Sleeve Dipole | ETS-Lindgren | 3126-1845 | 00056670 | Jun. 29, 2008 | Jun. 29, 2009 |
| Sleeve Dipole | ETS-Lindgren | 3126-880 | 00052705 | Jun. 29, 2008 | Jun. 29, 2009 |
| Anechoic Chamber | ETS-Lindgren | AMS 8500 | S/N 102165 | NA | |
| High Pass Filter | MICRO-TRONICS | HPM50108 | 020 | NA | |
| High Pass Filter | MICRO-TRONICS | HPM50111 | 021 | NA | |
| Circularly Polarized Communication Antennas | EMCO | 3102 | 00051714 | NA | |
| Pattern Measurement Software | ETS-Lindgren | EMQuest™ EMQ-100 | NA | NA | |
| Desktop Computer with Windows XP | | Dell Computers | NA | NA | |
| Antenna Positioner Controller | EMCO | 2090 | 00052447 | NA | |
| MAPS Positioner | EMCO | 2010/2015 | NA | NA | |
| Filter | K&L | 5TNF-1700/ 2000-0.1N/N | 166 | NA | |
| Filter | K&L | 3TNF-800/ 1000-0.2N/N | 274 | NA | |
| Attenuator | RADIALL | R41572000 | 0603033073 | NA | |
| Splitter | Powercom | SGR-GFQ-2-D | 41106609 | NA | |
| Power divider | Agilent | 87302C | 3239A00760 | NA | |



6. Uncertainty Evaluation

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

| Contribution | Uncertainty of x_i | | $U(x_i)$ |
|--|----------------------|--------------------------|----------|
| | dB | Probability Distribution | |
| Receiver reading | 0.41 | Normal(k=2) | 0.21 |
| Antenna factor calibration | 0.83 | Normal(k=2) | 0.42 |
| Cable loss calibration | 0.25 | Normal(k=2) | 0.13 |
| Pre Amplifier Gain calibration | 0.27 | Normal(k=2) | 0.14 |
| RCV/SPA specification | 2.50 | Rectangular | 0.72 |
| Antenna Factor Interpolation for Frequency | 1.00 | Rectangular | 0.29 |
| Site imperfection | 1.43 | Rectangular | 0.83 |
| Mismatch | +0.39/-0.41 | U-shaped | 0.28 |
| combined standard uncertainty Uc(y) | 1.27 | | |
| Measuring uncertainty for a level of confidence of 95% U=2Uc(y) | 2.54 | | |

Uncertainty of Radiated Emission Measurement (1GHz ~ 40GHz)

| Contribution | Uncertainty of x_i | | $U(x_i)$ | C_i | $C_i * U(x_i)$ |
|---|----------------------|-------------------------|----------|-------|----------------|
| | dB | Probability Distributio | | | |
| Receiver reading | ±0.10 | Normal(k=1) | 0.10 | 1 | 0.10 |
| Antenna factor calibration | ±1.70 | Normal(k=2) | 0.85 | 1 | 0.85 |
| Cable loss calibration | ±0.50 | Normal(k=2) | 0.25 | 1 | 0.25 |
| Receiver Correction | ±2.00 | Rectangular | 1.15 | 1 | 1.15 |
| Antenna Factor Directional | ±1.50 | Rectangular | 0.87 | 1 | 0.87 |
| Site imperfection | ±2.80 | Triangular | 1.14 | 1 | 1.14 |
| Mismatch Receiver VSWR $\sqrt{1} = 0.197$ Antenna VSWR $\sqrt{2} = 0.194$ Uncertainty= $20\log(1-\sqrt{1} * \sqrt{2} * \sqrt{3})$ | +0.34/-0.35 | U-shaped | 0.244 | 1 | 0.244 |
| Combined standard uncertainty Uc(y) | 2.36 | | | | |
| Measuring uncertainty for a level of confidence of 95% U=2Ue(y) | 4.72 | | | | |