



## HCT CO., LTD.

Product Compliance Division

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### FCC Certification

**Applicant Name:**

LG Electronics, Inc.

**Date of Issue:**

March 17, 2010

**Location:**

HCT CO., LTD., San 136-1 Ami-ri, Bubal-eup, Icheon-si,  
Kyungki-do, Korea

**Address:**

60-39, Gasan-dong, Gumchon-gu,  
Seoul, 153-023, Korea

**Test Report No.:** HCTR1003FR05

**HCT FRN:** 0005866421

**IC Recognition No.:** IC 5944A-1

**FCC ID : BEJL04B**

**APPLICANT : LG Electronics, Inc.**

**Model(s):** L-04B  
**EUT Type:** PCS GSM Phone  
**Tx Frequency:** 1 850.20 – 1 909.80 MHz (GSM1900)  
**Rx Frequency:** 1 930.20 – 1 989.80 MHz (GSM1900)  
**Max. RF Output Power:** 0.521 W EIRP GSM1900 (27.17 dBm)

**Emission Designator(s):** 247KGXW (GSM1900)

**FCC Classification:** Licensed Portable Transmitter Held to Ear (PCE)

**FCC Rule Part(s):** §22, §24, §2

The measurements shown in this report were made in accordance with the procedures specified in §2.947. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them.

HCT CO., LTD. Certifies that no party to this application has been denied FCC benefits pursuant to section 5301 of the Anti-Drug Abuse Act of 1998, 21 U.S.C. 853(a)

**Report prepared by**

**: Jong Seok Lee**

**Test engineer of RF Team**

**Approved by**

**: Sang Jun Lee**

**Manager of RF Team**

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# MEASUREMENT REPORT

## 1. GENERAL INFORMATION

**Applicant Name:** LG Electronics, Inc.

**Address:** 60-39, Gasan-dong, Gumchon-gu, Seoul, 153-023, Korea

**FCC ID:** BEJL04B

**Application Type:** Certification

**FCC Classification:** Licensed Portable Transmitter Held to Ear (PCE)

**FCC Rule Part(s):** §22, §24, §2

**EUT Type:** PCS GSM Phone

**Model(s):** L-04B

**Battery Model Name:** L06(Standard)

**Power Rating:** 3.7 V, 900 mAh, 3.4 Wh

**Type:** Li-Ion Battery

**Tx Frequency:** 1 850.20 – 1 909.80 MHz (GSM1900)

**Rx Frequency:** 1 930.20 – 1 989.80 MHz (GSM1900)

**Max. RF Output Power:** 0.521 W EIRP GSM1900 (27.17 dBm)

**Emission Designator(s):** 247KGXW (GSM1900)

**Antenna Specification** Manufacturer: ACE ANTENNA Co., Ltd.  
Antenna type: BUILT-IN Antenna  
Peak Gain: -2.94 dBi

**Date(s) of Tests:** February 11, 2010 ~ February 16, 2010

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## **2. INTRODUCTION**

### **2.1. EUT DESCRIPTION**

The LG Electronics, Inc. L-04B PCS GSM Phone consists of GSM1900, GPRS Class12 and GPRS mode Class B(GPRS and GSM, but not simultaneously).

### **2.2. MEASURING INSTRUMENT CALIBRATION**

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

### **2.3. TEST FACILITY**

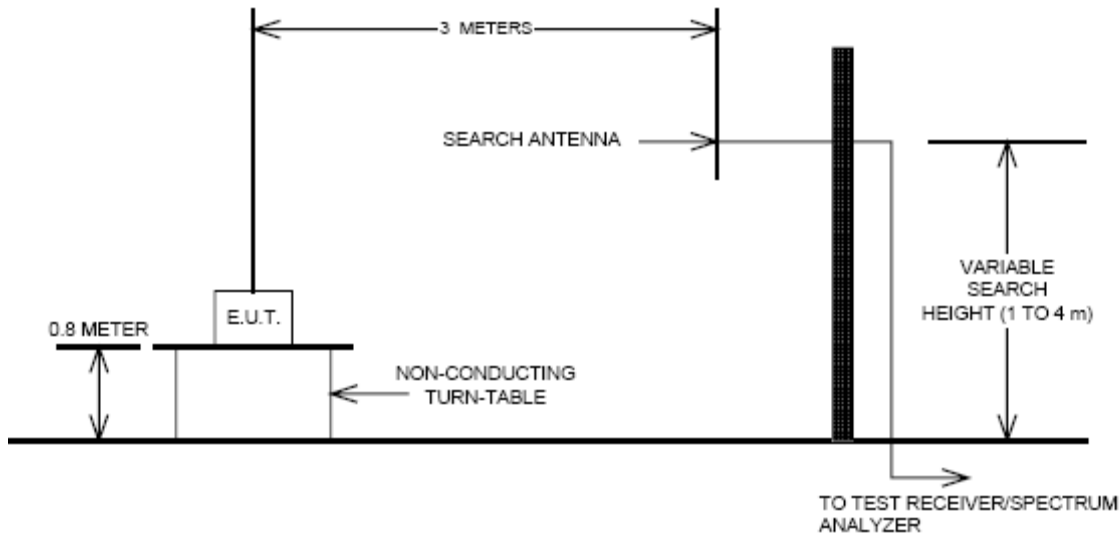
The open area test site and conducted measurement facility used to collect the radiated data are located at the 254-1, Maekok-Ri, Hobup-Myun, Ichon-Si, Kyoungki-Do, 467-701, KOREA. The site is constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. Detailed description of test facility was submitted to the Commission and accepted dated June 10, 2009(Registration Number: 90661)

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## 3. DESCRIPTION OF TESTS

### 3.1 Effective Radiated Power/Equivalent Isotropic Radiated Power

#### Test Set-up



#### Test Procedure

Radiated emission measurements were performed at an open Site.

The equipment under test is placed on a wooden turntable 3-meters from the receive antenna.

A wooden turntable was rotated 360° and the receiving antenna scanned from 1-4m in order to capture the maximum emission. A half wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the previously recorded signal was duplicated.

The maximum EIRP was calculated by adding the forward power to the calibrated source plus its appropriate gain value. These steps were carried out with the receiving antenna in both vertical and horizontal polarization. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic antenna are taken into consideration.



### 3.2 Peak- to- Average Ratio

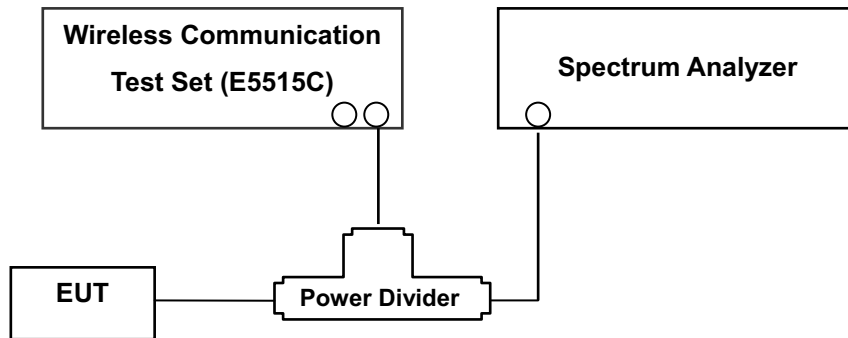
A peak to average ratio measurement is performed at the conducted port of the EUT. For CDMA and WCDMA signals, the spectrum analyzers Complementary Cumulative Distribution Function ( CCDF ) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level. For GSM signals, an average and a peak trace are used on a spectrum analyzer to determine the largest deviation between the average and the peak power of the EUT in a bandwidth greater than the emission bandwidth. Plots of the EUT's Peak- to- Average Ratio are shown herein.

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### 3.3 Occupied bandwidth.

#### Test set-up



(Configuration of conducted Emission measurement)  
Test Procedure

The EUT was setup to maximum output power at its lowest channel. The occupied bandwidth was measured using a spectrum analyzer. The measurements are repeated for the highest and a middle channel. The EUT's occupied bandwidth is measured as the width of the signal between two points, one below the carrier center frequency and one above the carrier frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. Plots of the EUT's occupied bandwidth are shown herein.

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### 3.4 Spurious and Harmonic Emissions at Antenna Terminal.

#### Test Procedure

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer.

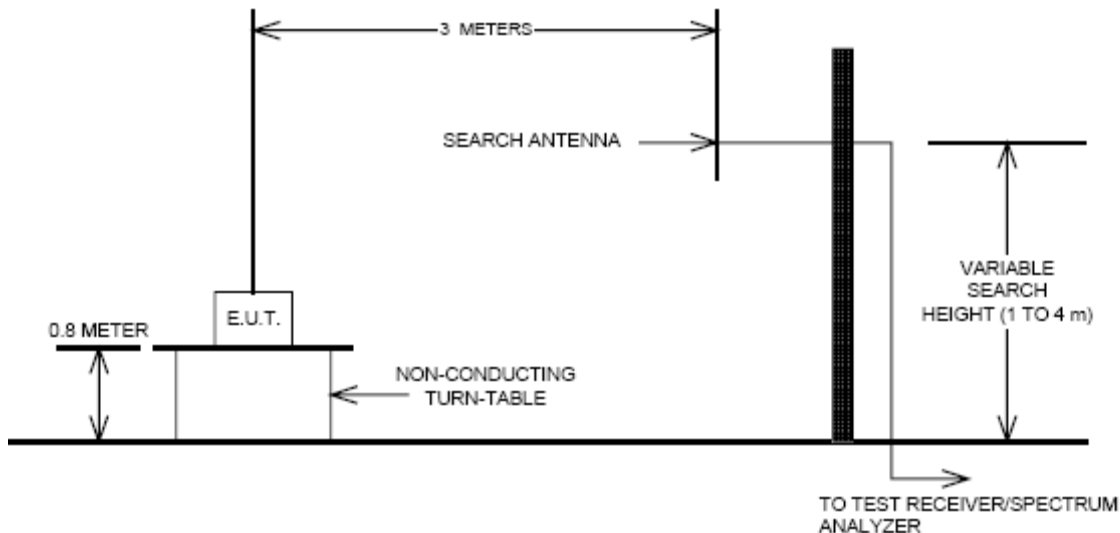
The EUT was setup to maximum output power at its lowest channel. The Resolution BW of the analyzer is set to 1 % of the emission bandwidth to show compliance with the – 13 dBm limit, in the 1 MHz bands immediately outside and adjacent to the edge of the frequency block. The 1 MHz RBW was used to scan from 30 MHz to 10 GHz. (GSM1900 Mode: 30 MHz to 20 GHz). A display line was placed at – 13 dBm to show compliance. The high, lowest and a middle channel were tested for out of band measurements.

- Band Edge Requirement : In the 1MHz 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.

| FCC CERTIFICATION REPORT        |                                  |                            |                    | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
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## 3.5 Radiated Spurious and Harmonic Emissions

### Test Set-up



The measurement facilities used for this test have been documented in previous filings with the commission pursuant to section § 2.948. The open field test site is situated in open field with ground screen whose site attenuation characteristics meet ANSI C63.4 –2003. A mast capable of lifting the receiving antenna from a height of one to four meters is used together with a rotatable wooden platform mounted at three from the antenna mast.

- 1) The unit mounted on a wooden table 1.5 m × 1.0 m × 0.80 m is 0.8 meter above test site ground level.
- 2) During the emission test, the turntable is rotated and the EUT is manipulated to find the configuration resulting in maximum emission under normal condition of installation and operation.
- 3) The antenna height and polarization are also varied from 1 to 4 meters until the maximum signal is found.
- 4) The spectrum shall be scanned up to the 10<sup>th</sup> harmonic of the fundamental frequency.

### Test Procedure

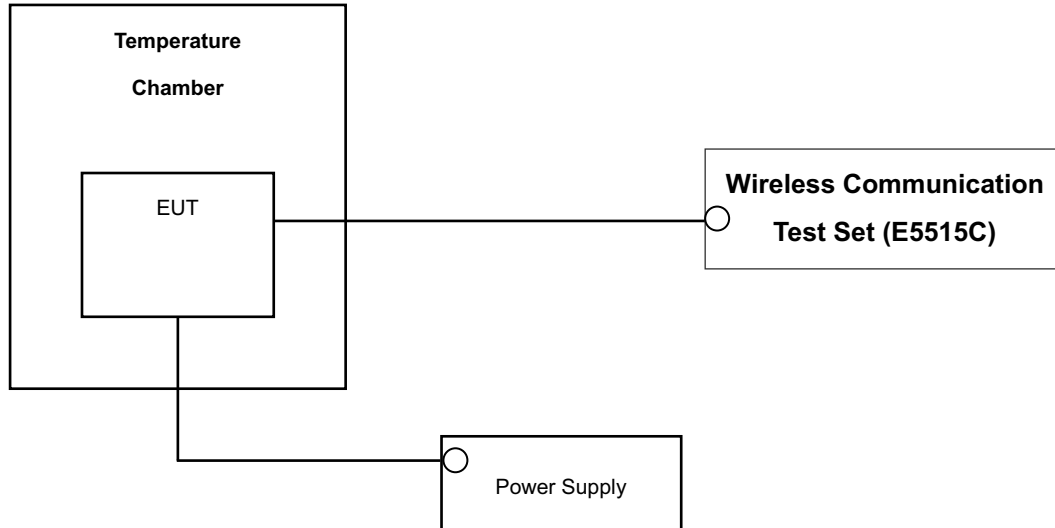
The equipment under test is placed on a wooden turntable 3-meters from the receive antenna.

A wooden turntable was rotated 360° and the receiving antenna scanned from 1-4m in order to capture the maximum emission. A half wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the previously recorded signal was duplicated.

The maximum EIRP was calculated by adding the forward power to the calibrated source plus its appropriate gain value. These steps were carried out with the receiving antenna in both vertical and horizontal polarization. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic antenna are taken into consideration.

## 3.6 Frequency stability / variation of ambient temperature

### Test Set-up



\* Nominal Operating Voltage

### Test Procedure

The frequency stability of the transmitter is measured by:

a.) **Temperature:** The temperature is varied from - 30 °C to + 50 °C using an environmental chamber.

b.) **Primary Supply Voltage:** The primary supply voltage is varied from battery end point to 115 % of the voltage normally at the input to the device or at the power supply terminals if cables are not normally supplied.

Specification — the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within  $\pm 0.00025\%$  ( $\pm 2.5$  ppm) of the center frequency.

### Time Period and Procedure:

The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).

1. The equipment is turned on in a “standby” condition for one minute before applying power to the transmitter. Measurement of the carrier frequency of the transmitter is made within one minute after applying power to the transmitter.

2. Frequency measurements are made at 10°C intervals ranging from -30°C to +50°C. A period of at least one half-hour is provided to allow stabilization of the equipment at each temperature level.

**NOTE: The EUT is tested down to the battery endpoint.**

#### 4. LIST OF TEST EQUIPMENT

| Manufacture       | Model/ Equipment               | Serial Number | Calibration Interval | Calibration Due |
|-------------------|--------------------------------|---------------|----------------------|-----------------|
| R&S               | ESI40/ Spectrum Analyzer       | 831564/003    | Annual               | 10/30/2010      |
| Agilent           | E4416A/ Power Meter            | GB41291412    | Annual               | 01/14/2011      |
| Agilent           | E9327A/ Power Sensor           | MY4442009     | Annual               | 07/28/2010      |
| Agilent           | 8960 (E5515C)/ Base Station    | GB44400269    | Annual               | 02/10/2011      |
| MITEQ             | AMF-60-0010 1800-35-20P / AMP  | 1200937       | Annual               | 05/20/2010      |
| Wainwright        | WHK1.2/15G-10EF/H.P.F          | 2             | Annual               | 06/29/2010      |
| Wainwright        | WHK3.3/18G-10EF/H.P.F          | 1             | Annual               | 06/29/2010      |
| Agilent           | 775D/ Dual Directional Coupler | 12922         | Annual               | 12/24/2010      |
| Agilent           | 11636B/ Power Divider          | 11377         | Annual               | 12/24/2010      |
| Digital           | EP-3010/ Power Supply          | 3110117       | Annual               | 01/08/2011      |
| Schwarzbeck       | UHAP/ Dipole Antenna           | 585           | Biennial             | 02/13/2011      |
| Schwarzbeck       | UHAP/ Dipole Antenna           | 558           | Biennial             | 02/13/2011      |
| Korea Engineering | KR-1005L / Chamber             | KRAB07063-2CH | Annual               | 12/28/2010      |
| Schwarzbeck       | BBHA 9120D/ Horn Antenna       | 147           | Biennial             | 03/26/2010      |
| Agilent           | E4440A/Spectrum Analyzer       | US45303008    | Annual               | 12/23/2010      |

## 5. SUMMARY OF TEST RESULTS

| FCC Part Section(s) | Test Description                                                 | Test Limit                                                                             | Test Condition | Test Result |
|---------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------|-------------|
| 2.1049, 24.238(a)   | Occupied Bandwidth                                               | N/A                                                                                    | CONDUCTED      | PASS        |
| 2.1051, 24.238(a)   | Band Edge / Spurious and Harmonic Emissions at Antenna Terminal. | $< 43 + 10 \log_{10} (P[\text{Watts}])$ at Band Edge and for all out-of-band emissions |                | PASS        |
| 2.1046              | Conducted Output Power                                           | N/A                                                                                    |                | PASS        |
| 24.232(d)           | Peak- to- Average Ratio                                          | $< 13 \text{ dB}$                                                                      |                | PASS        |
| 2.1055, 24.235      | Frequency stability / variation of ambient temperature           | $< 2.5 \text{ ppm}$                                                                    |                | PASS        |
| 24.232(c)           | Equivalent Isotropic Radiated Power                              | $< 2 \text{ Watts max. EIRP}$                                                          | RADIATED       | PASS        |
| 2.1053, 24.238(a)   | Radiated Spurious and Harmonic Emissions                         | $< 43 + 10 \log_{10} (P[\text{Watts}])$ for all out-of band emissions                  |                | PASS        |



## 6. SAMPLE CALCULATION

### A. ERP Sample Calculation

| Mode    | Ch./ Freq. |            | Measured   | Substitute | Ant. Gain | C.L  | Pol. | ERP  |       |
|---------|------------|------------|------------|------------|-----------|------|------|------|-------|
|         | channel    | Freq.(MHz) | Level(dBm) | LEVEL(dBm) |           |      |      | W    | dBm   |
| GSM1900 | 512        | 1,850.20   | -20.78     | 10.83      | 10.05     | 1.91 | H    | 0.08 | 18.96 |

$$\text{ERP} = \text{SubstituteLEVEL(dBm)} + \text{Ant. Gain} - \text{CL(Cable Loss)}$$

- 1) The EUT mounted on a wooden tripod is 0.8 meter above test site ground level.
- 2) During the test , the turn table is rotated and the antenna height is also varied from 1 to 4 meters until the maximum signal is found.
- 3) Record the field strength meter's level.
- 4) Replace the EUT with dipole/Horn antenna that is connected to a calibrated signal generator.
- 5) Increase the signal generator output till the field strength meter's level is equal to the item (3).
- 6) The signal generator output level with Ant. Gain and cable loss are the rating of effective Isotropic radiated power (EIRP).

### B. Emission Designator

#### GSM Emission Designator

**Emission Designator = 249KGXW**

GSM BW = 249 kHz

G = Phase Modulation

X = Cases not otherwise covered

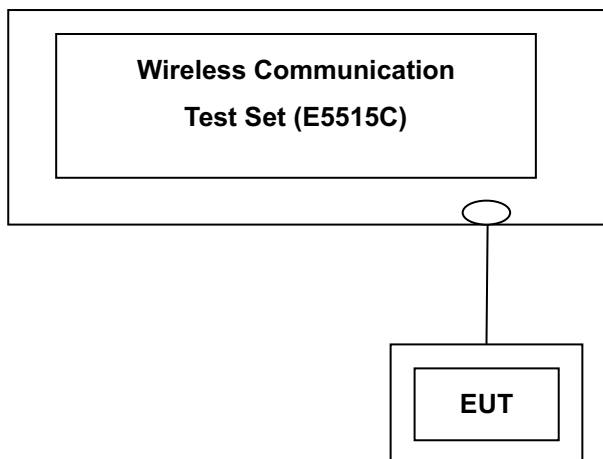
W = Combination (Audio/Data)

## 7. TEST DATA

### 7.1 Conducted Output Power

A base station simulator was used to establish communication with the EUT.

The base station simulator parameters were set to produce the maximum power from the EUT. This device was tested under all configurations and the highest power is reported. Conducted Output Powers of EUT are reported below.



| Band     | Channel | Voice     | GPRS Data            |                      |                      |                      |
|----------|---------|-----------|----------------------|----------------------|----------------------|----------------------|
|          |         | GSM (dBm) | GPRS 1 TX Slot (dBm) | GPRS 2 TX Slot (dBm) | GPRS 3 TX Slot (dBm) | GPRS 4 TX Slot (dBm) |
| GSM 1900 | 512     | 29.64     | 29.63                | 29.61                | 29.59                | 29.57                |
|          | 661     | 29.54     | 29.53                | 29.51                | 29.48                | 29.46                |
|          | 810     | 29.41     | 29.40                | 29.38                | 29.35                | 29.32                |

(GSM Conducted Maximum Output Powers)

Note : Detecting mode is average.

### 7.2 Peak-to-Average Ratio

- Plots of the EUT's Peak- to- Average Ratio are shown Page 21.



### 7.3 Occupied Bandwidth

| Band    | Channel | Frequency(MHz) | Data (kHz) |
|---------|---------|----------------|------------|
| GSM1900 | 512     | 1850.20        | 244.96     |
|         | 661     | 1880.00        | 244.08     |
|         | 810     | 1909.80        | 246.91     |

- Plots of the EUT's Occupied Bandwidth are shown Page 20 ~ 21.

### 7.4 Conducted Spurious Emissions

| Band    | Channel | Frequency of Maximum Harmonic (GHz) | Maximum Data (dBm) |
|---------|---------|-------------------------------------|--------------------|
| GSM1900 | 512     | 13.7870                             | -27.47             |
|         | 661     | 15.3600                             | -27.95             |
|         | 810     | 13.2000                             | -27.94             |

- Plots of the EUT's Conducted Spurious Emissions are shown Page 24 ~ 26.

#### 7.4.1 Band Edge

- Plots of the EUT's Band Edge are shown Page 22 ~ 23.



## 7.5 Equivalent Isotropic Radiated Power (E.I.R.P.) (GSM1900 )

### (GSM1900 Mode)

| Mode    | Ch./ Freq. |            | Measured<br>Level(dBm) | Substitute<br>LEVEL<br>(dBm) | Ant. Gain<br>(dBi) | C.L  | Pol. | EIRP |       |
|---------|------------|------------|------------------------|------------------------------|--------------------|------|------|------|-------|
|         | channel    | Freq.(MHz) |                        |                              |                    |      |      | W    | dBm   |
| GSM1900 | 512        | 1,850.20   | -13.92                 | 17.69                        | 10.05              | 1.91 | H    | 0.38 | 25.82 |
|         | 661        | 1,880.00   | -13.40                 | 18.42                        | 10.05              | 1.95 | H    | 0.45 | 26.52 |
|         | 810        | 1,909.80   | -12.82                 | 19.08                        | 10.06              | 1.97 | H    | 0.52 | 27.17 |

Note: Standard batteries are the only options for this phone

#### NOTES:

Equivalent Isotropic Radiated Power Measurements by Substitution Method  
according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. For CDMA signals, a peak detector is used, with RBW = VBW = 3 MHz. For WCDMA signals, a peak detector is used, with RBW = VBW = 5MHz. For AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A Horn antenna was substituted in place of the EUT. This Horn antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. The conducted power at the terminals of the Horn antenna is measured. The difference between the gain of the horn and an isotropic antenna is taken into consideration and the EIRP is recorded.

This device was tested under all configurations and the highest power is reported in GSM mode and using a Power Control Level of "0" in the PCS Band and "5" in the Cellular Band. This unit was tested with its standard battery. Also, we have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna. The worst case of the EUT is in x plane in GSM1900 mode. Also worst case of detecting Antenna is in horizontal polarization in GSM1900 mode.



## 7.7 Radiated Spurious Emissions

### 7.7.1 Radiated Spurious Emissions (GSM1900 Mode)

■ MEASURED OUTPUT POWER: 27.17 dBm = 0.521 W  
■ MODULATION SIGNAL: GSM1900  
■ DISTANCE: 3 meters  
■ LIMIT:  $-(43 + 10 \log_{10}(W)) =$  -40.17 dBc

| Ch. | Freq.(MHz) | Measured Level<br>[dBm] | Ant. Gain<br>(dBi) | Substitute<br>Level<br>[dBm] | C.L  | Pol. | EIRP<br>(dBm) | dBc    |
|-----|------------|-------------------------|--------------------|------------------------------|------|------|---------------|--------|
| 512 | 3,700.40   | -43.77                  | 12.46              | -50.04                       | 2.73 | V    | -40.31        | -67.48 |
|     | 5,550.60   | -31.90                  | 12.70              | -33.48                       | 3.60 | V    | -24.38        | -51.55 |
|     | 7,400.80   | -36.82                  | 11.36              | -27.94                       | 3.88 | V    | -20.46        | -47.63 |
| 661 | 3,760.00   | -45.86                  | 12.47              | -51.83                       | 2.73 | V    | -42.09        | -69.26 |
|     | 5,640.00   | -29.97                  | 10.60              | -29.47                       | 3.60 | V    | -22.47        | -49.64 |
|     | 7,520.00   | -41.15                  | 11.33              | -32.05                       | 3.88 | V    | -24.60        | -51.77 |
| 810 | 3,819.60   | -46.70                  | 12.49              | -52.58                       | 2.73 | V    | -42.82        | -69.99 |
|     | 5,729.40   | -30.76                  | 12.80              | -32.07                       | 3.60 | V    | -22.87        | -50.04 |
|     | 7,639.20   | -38.88                  | 11.30              | -29.55                       | 3.88 | V    | -22.13        | -49.30 |

**NOTES:** 1. Radiated Spurious Emission Measurements at 3 meters by Substitution Method  
according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:  
2. The magnitude of spurious emissions attenuated more than 20dB below the limit above 5<sup>th</sup> Harmonic for  
all channel.  
3. we have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

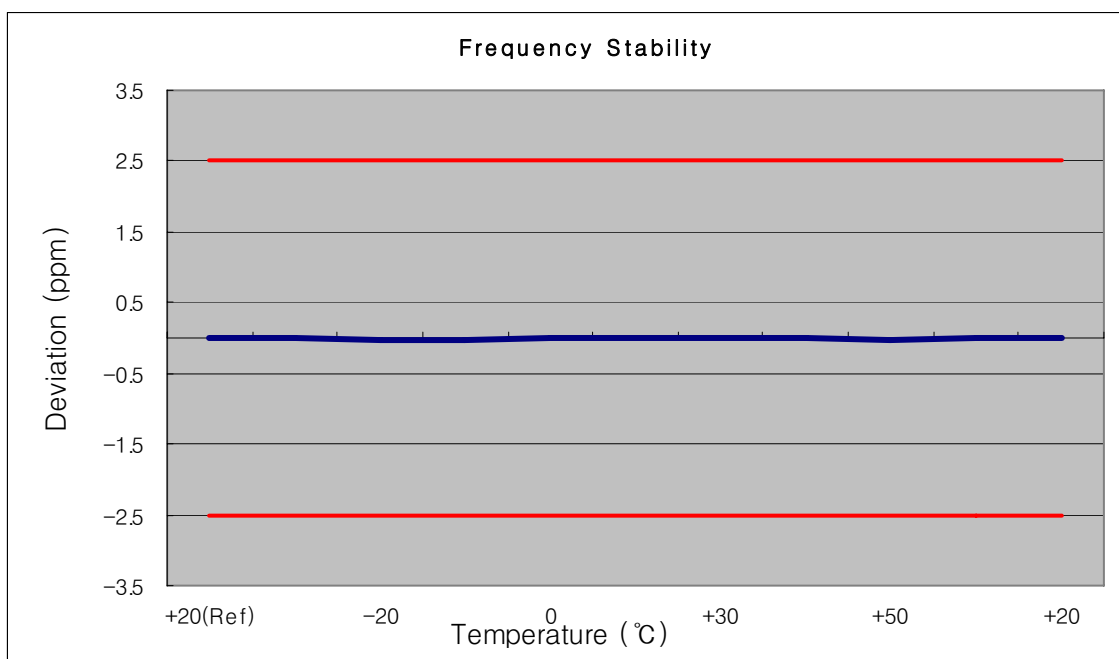


## 7.8 Frequency stability / variation of ambient temperature

### 7.8.1 FREQUENCY STABILITY (GSM1900)

OPERATING FREQUENCY: 1880,000,000 Hz  
 CHANNEL: 661  
 REFERENCE VOLTAGE: 3.7 VDC  
 DEVIATION LIM IT: ± 0.000 25 % or 2.5 ppm

| Voltage (%)    | Power (VDC) | Temp. (°C) | Frequency (Hz) | Frequency Error (Hz) | Deviation (%) | ppm    |
|----------------|-------------|------------|----------------|----------------------|---------------|--------|
| 100%           | 3.700       | +20(Ref)   | 1879 999 978   | 0                    | 0.000 000     | 0.000  |
| 100%           |             | -30        | 1880 000 012   | 12.05                | 0.000 001     | 0.006  |
| 100%           |             | -20        | 1879 999 970   | -29.94               | -0.000 002    | -0.016 |
| 100%           |             | -10        | 1879 999 972   | -27.54               | -0.000 001    | -0.015 |
| 100%           |             | 0          | 1879 999 977   | -23.12               | -0.000 001    | -0.012 |
| 100%           |             | +10        | 1879 999 979   | -21.11               | -0.000 001    | -0.011 |
| 100%           |             | +30        | 1880 000 013   | 13.46                | 0.000 001     | 0.007  |
| 100%           |             | +40        | 1880 000 020   | 19.88                | 0.000 001     | 0.011  |
| 100%           |             | +50        | 1879 999 963   | -36.71               | -0.000 002    | -0.020 |
| 115%           | 4.255       | +20        | 1879 999 974   | -25.66               | -0.000 001    | -0.014 |
| Batt. Endpoint | 3.400       | +20        | 1879 999 981   | -19.09               | -0.000 001    | -0.010 |

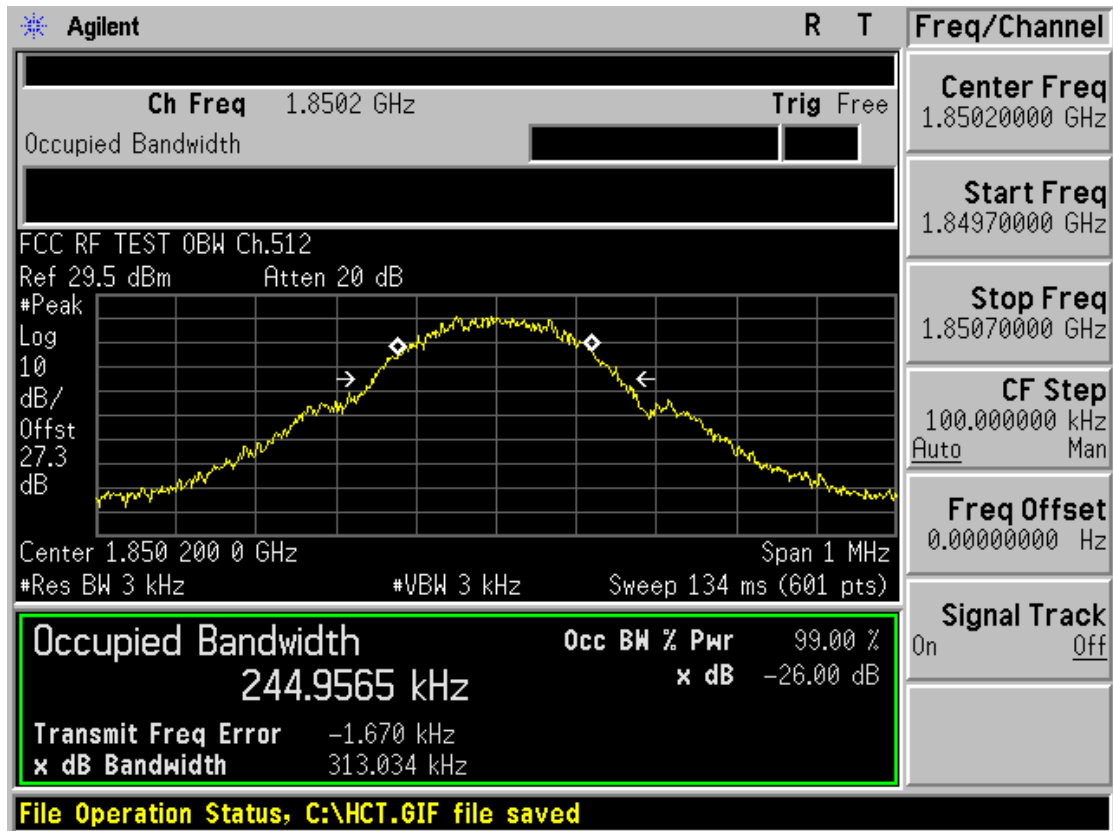




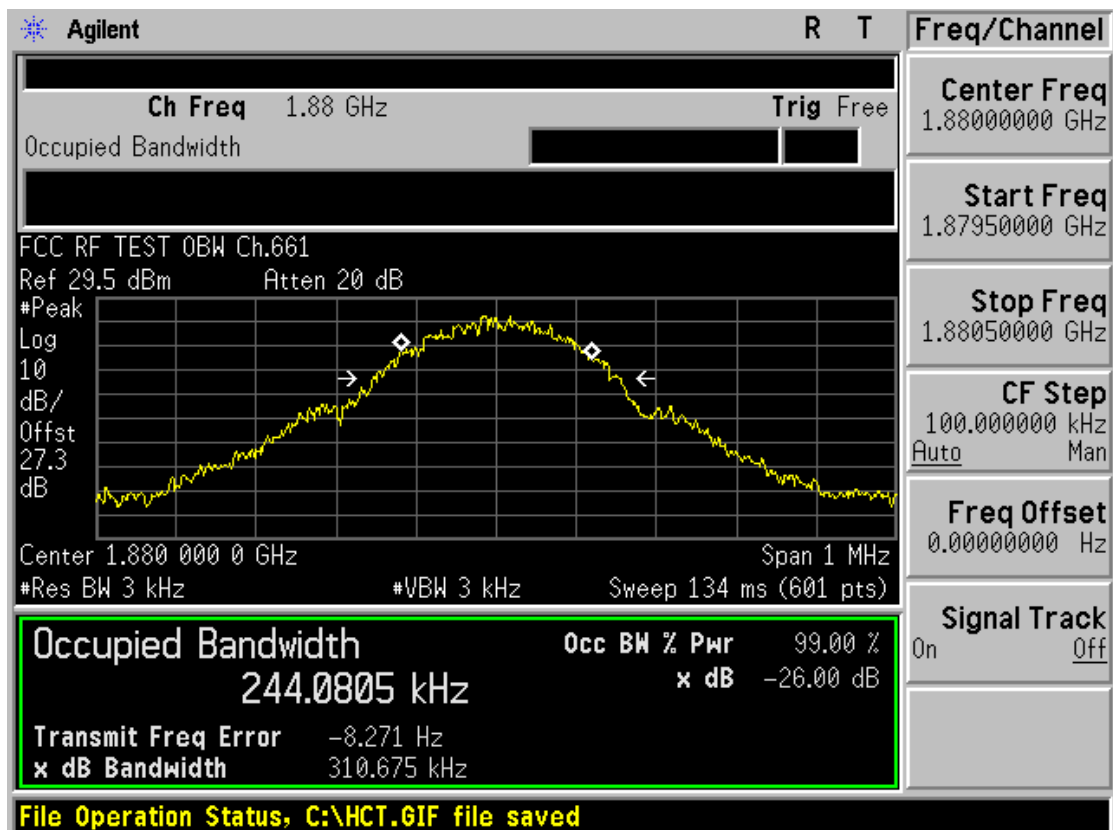
## 8. TEST PLOTS

| FCC CERTIFICATION REPORT        |                                  |                            |                    | <a href="http://www.hct.co.kr">www.hct.co.kr</a> |
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## ■ GSM1900 MODE (512 CH.) Occupied Bandwidth



## ■ GSM1900 MODE (661 CH.) Occupied Bandwidth

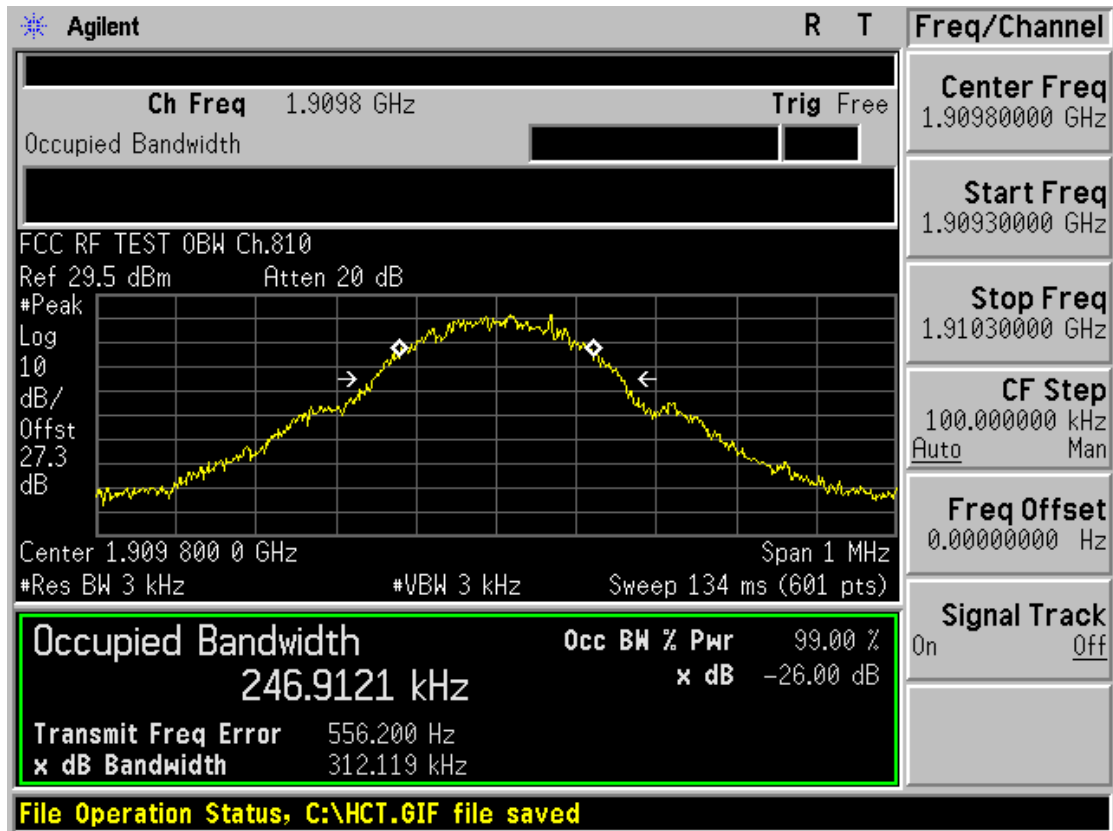


### FCC CERTIFICATION REPORT

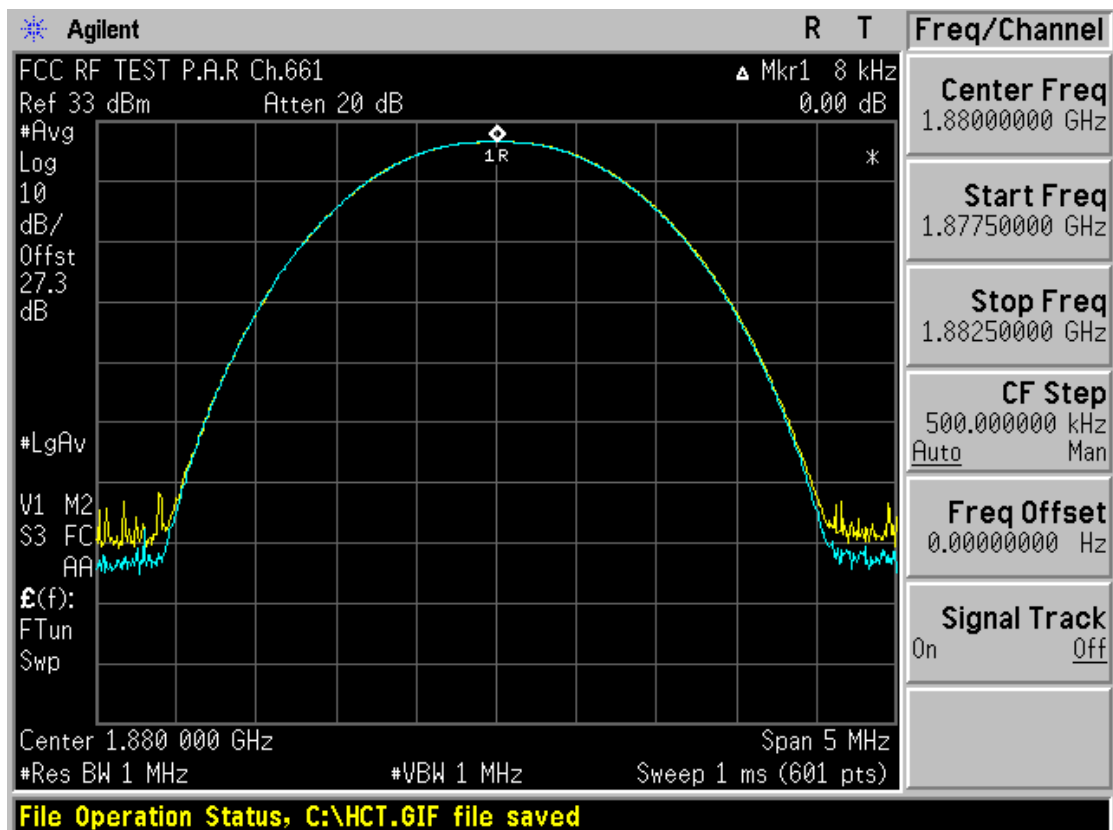
[www.hct.co.kr](http://www.hct.co.kr)

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|---------------------------------|----------------------------------|----------------------------|--------------------|---------------|
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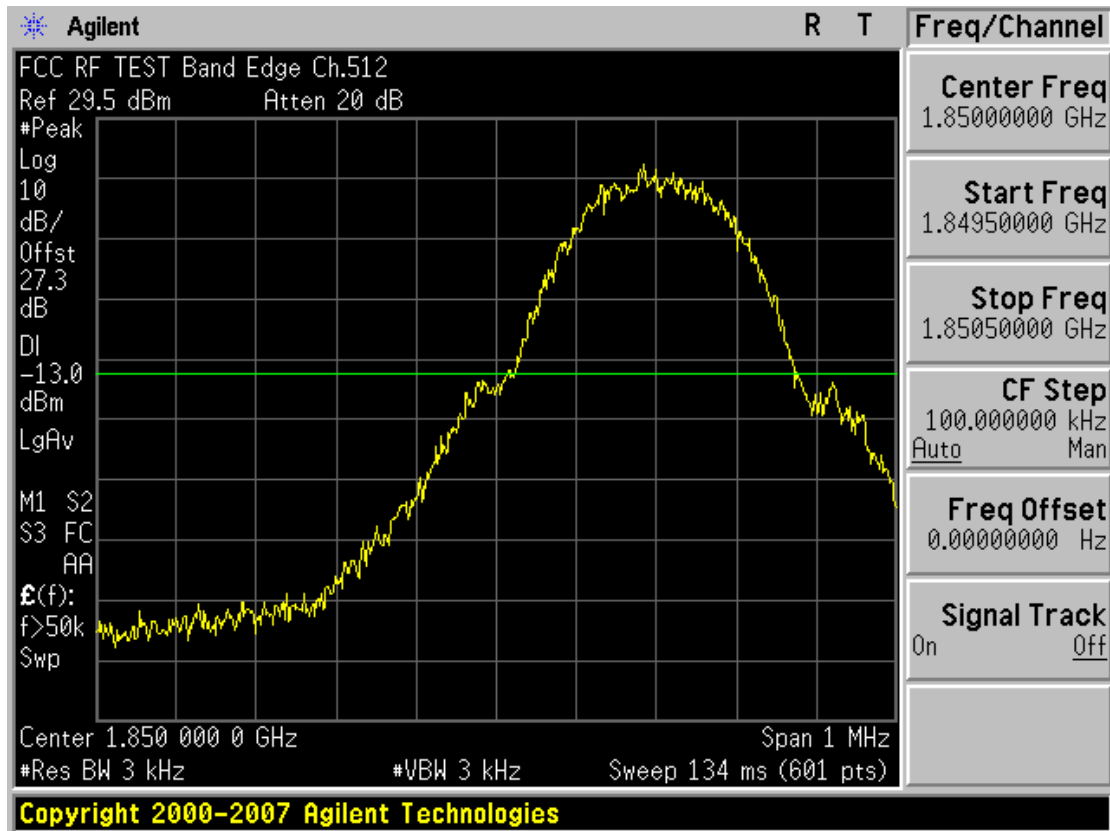
## ■ GSM1900 MODE (810 CH.) Occupied Bandwidth



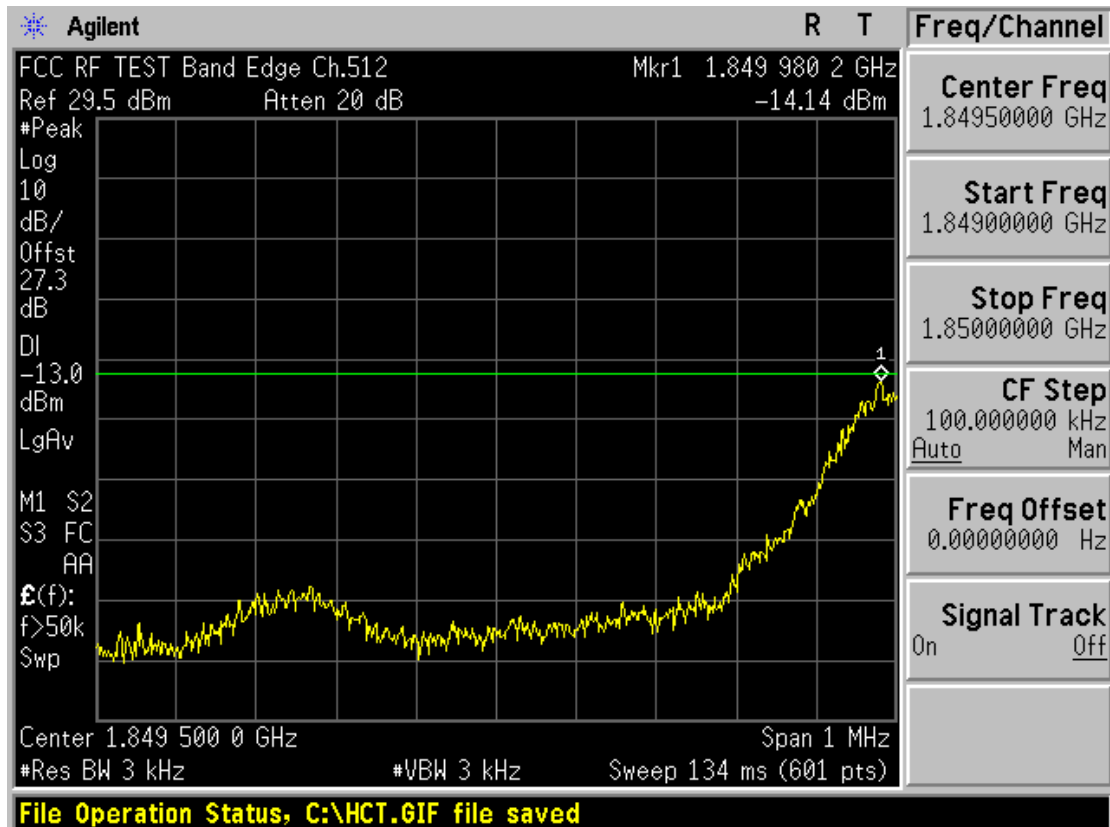
## ■ GSM1900 MODE (661 CH.) Peak-to-Average Ratio



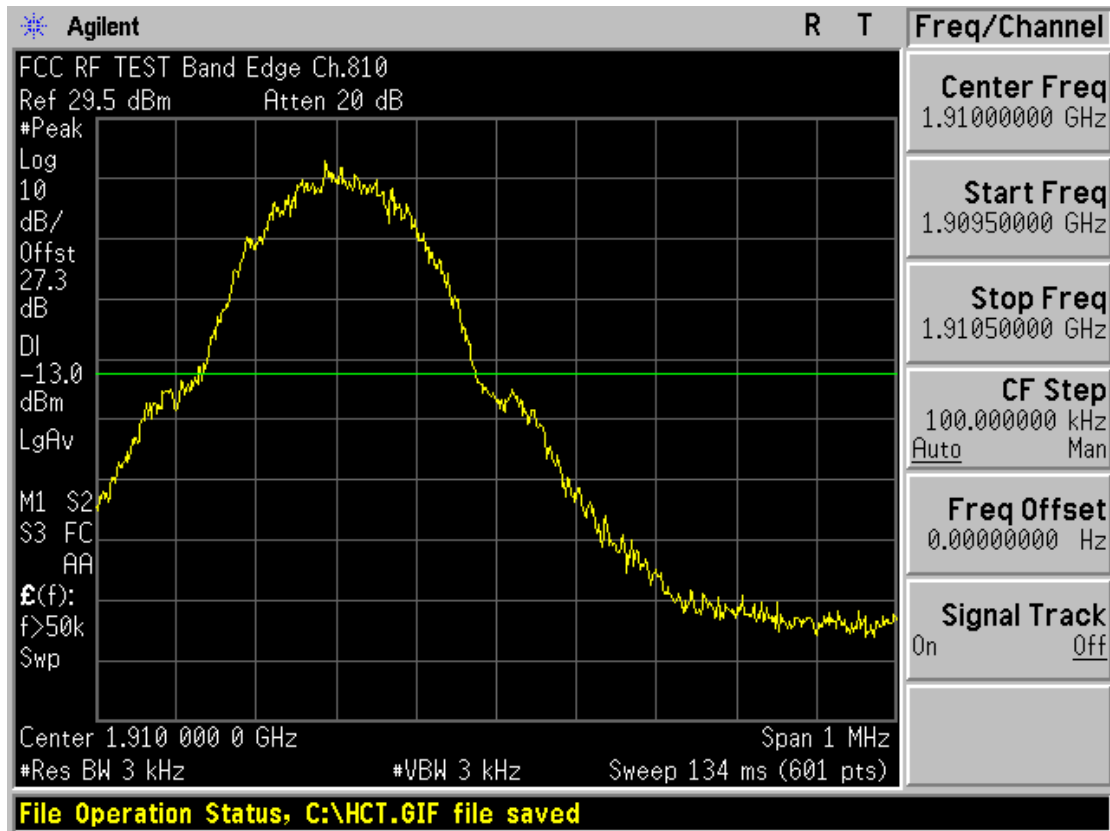
## ■ GSM1900 MODE (512 CH.) Block Edge-1



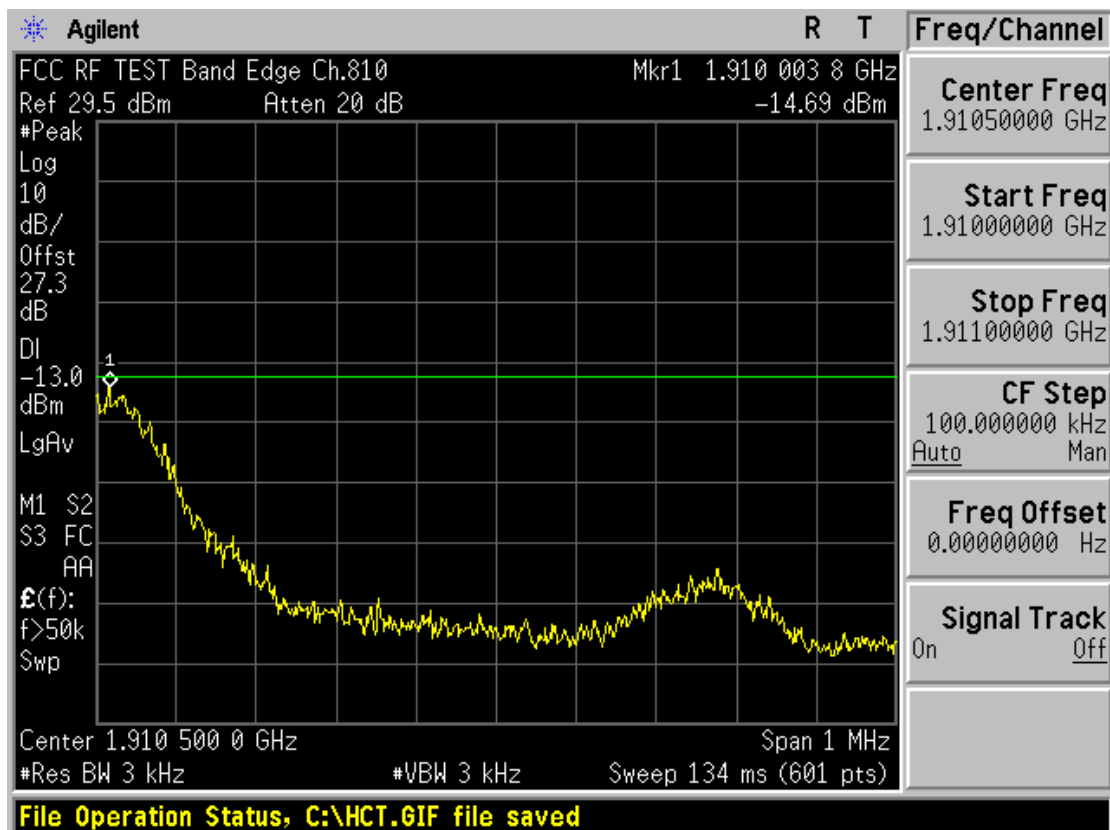
## ■ GSM1900 MODE (512 CH.) Block Edge-2



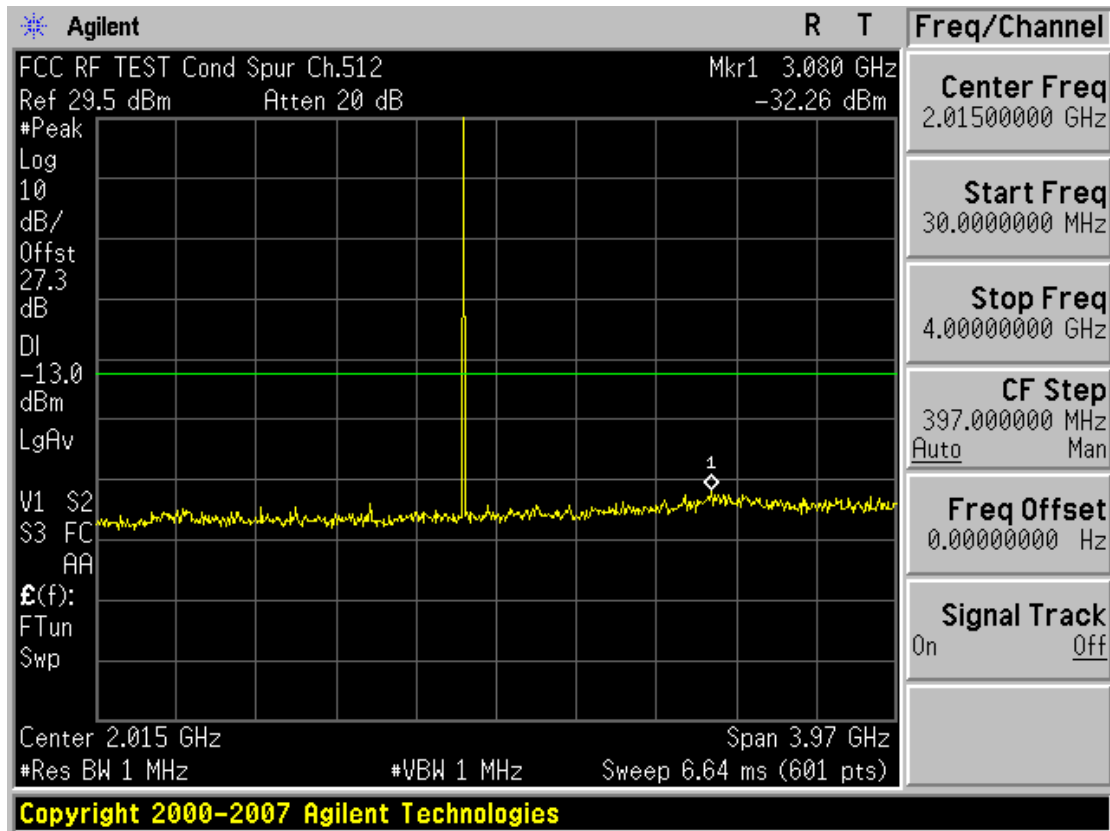
## ■ GSM1900 MODE (810 CH.) Block Edge-1



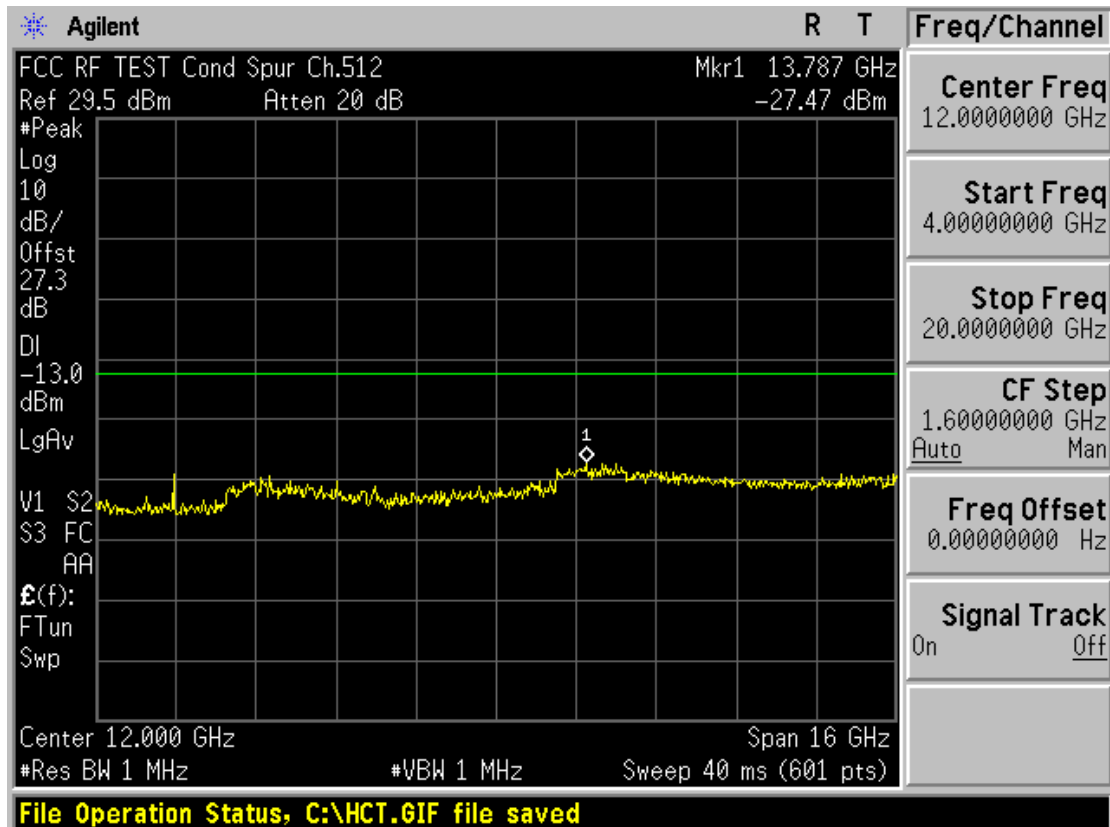
## ■ GSM1900 MODE (810 CH.) Block Edge-2



## ■ GSM1900 MODE (512 CH.) Conducted Spurious Emissions 1



## ■ GSM1900 MODE (512 CH.) Conducted Spurious Emissions 2

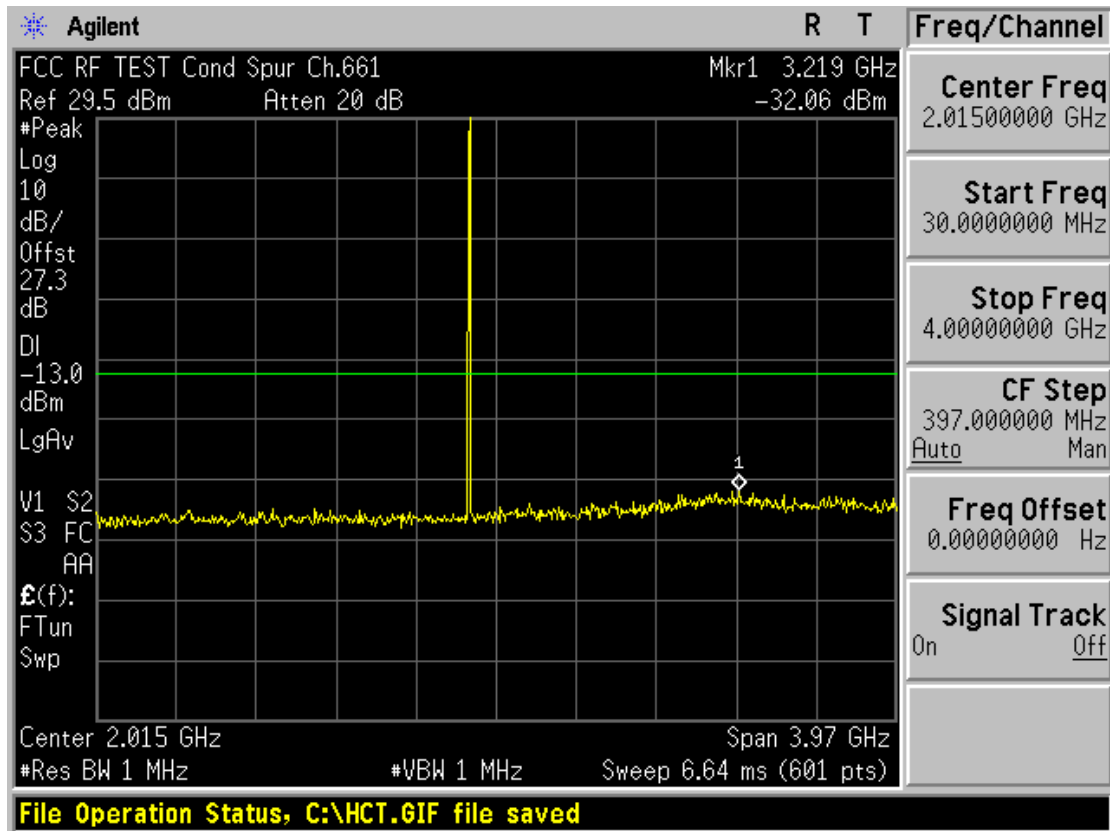


### FCC CERTIFICATION REPORT

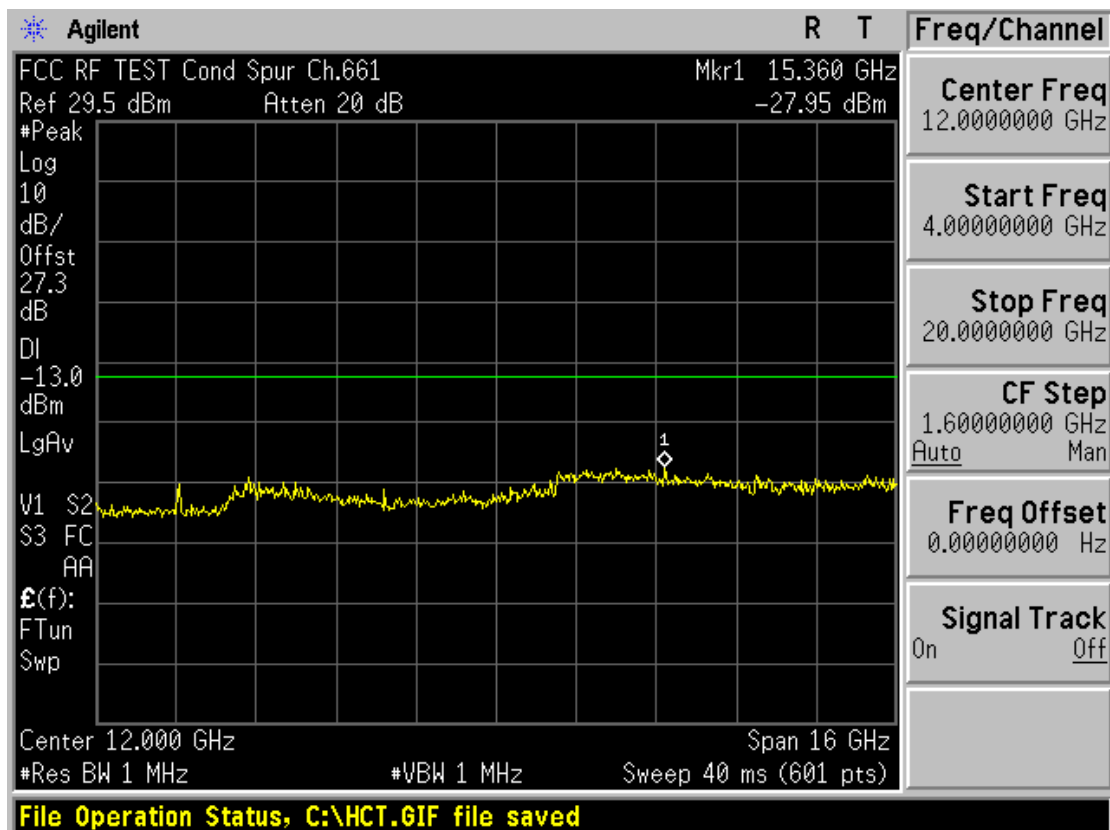
[www.hct.co.kr](http://www.hct.co.kr)

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## ■ GSM1900 MODE (661 CH.) Conducted Spurious Emissions 1



## ■ GSM1900 MODE (661 CH.) Conducted Spurious Emissions 2

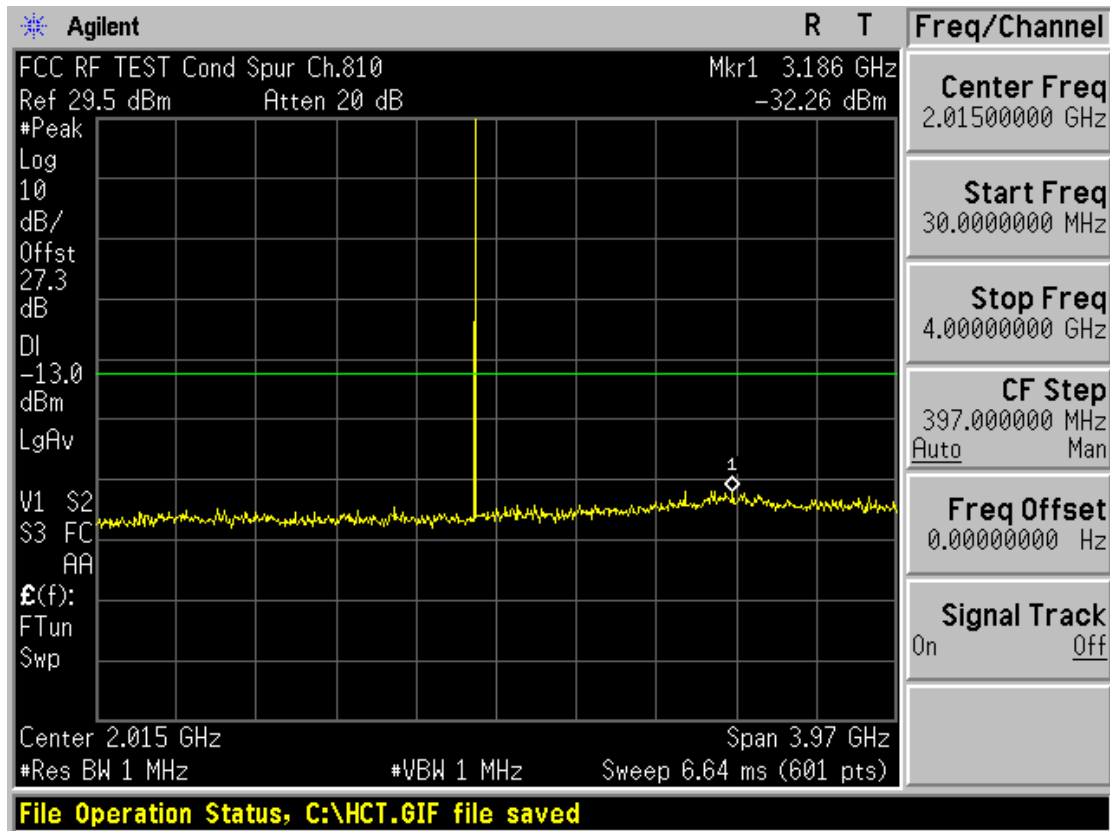


### FCC CERTIFICATION REPORT

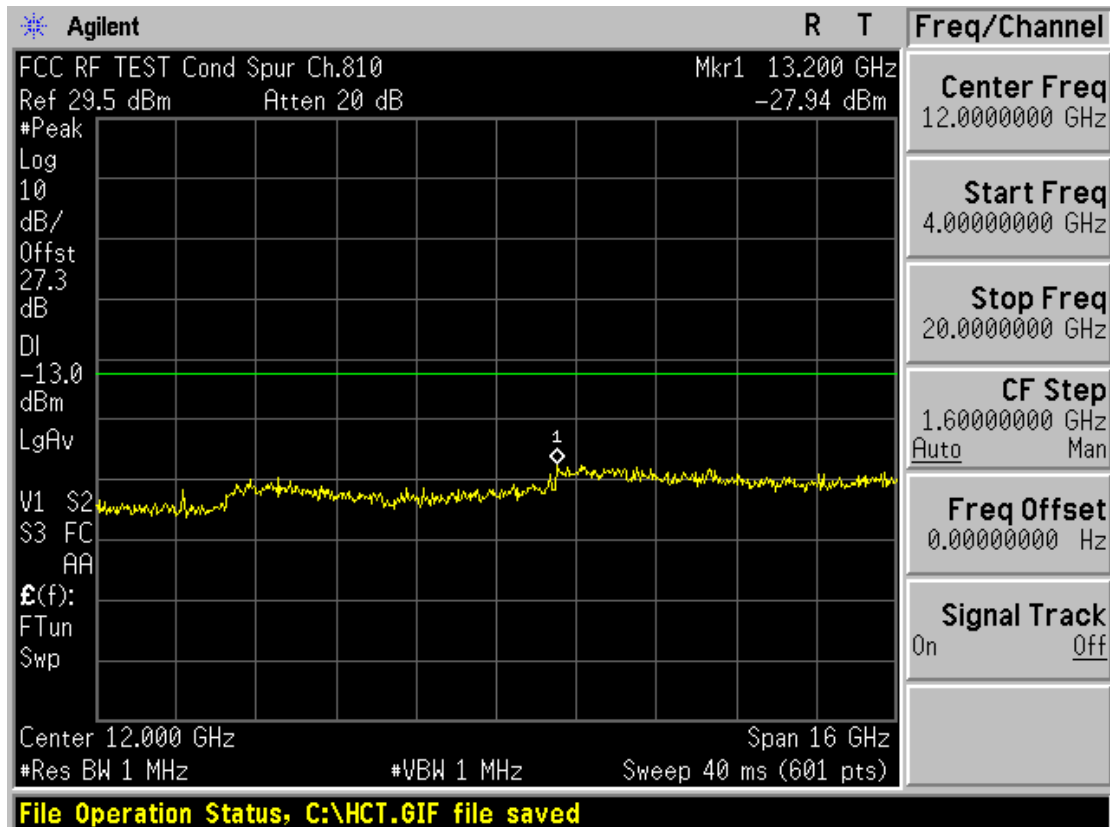
[www.hct.co.kr](http://www.hct.co.kr)

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## ■ GSM1900 MODE (810 CH.) Conducted Spurious Emissions 1



## ■ GSM1900 MODE (810 CH.) Conducted Spurious Emissions 2



### FCC CERTIFICATION REPORT

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