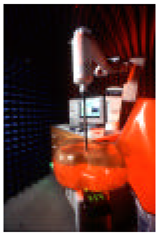


PCTEST Engineering Laboratory, Inc.

6660-B Dobbin Road · Columbia, MD 21045 · U.S.A.
TEL (410) 290-6652 · FAX (410) 290-6654
http://www.pctestlab.com

CERTIFICATE OF COMPLIANCE
FCC Part 24 & 22 Certification

SANYO ELECTRIC Co., Ltd.
c/o Sanyo Sales & Supply (USA) Corp.
900 North Arlington Heights Road, Suite 300
Itasca, IL 60143-2844

Dates of Tests: October 27-31, 2003
Test Report S/N: 22/24.231027523.AEZ
Test Site: PCTEST Lab, Columbia MD

FCC ID	**AEZSCP-73H**
APPLICANT	**SANYO ELECTRIC CO., LTD.**

Classification:	**Licensed Portable Transmitter Held to Ear (PCE)**
FCC Rule Part(s):	**§24(E), §22(H); §2**
EUT Type:	**Tri-Mode Dual-Band Analog/PCS Phone (AMPS/CDMA)**
Model:	***SCP-7300***
Tx Frequency Range:	**824.04MHz – 848.97MHz (AMPS) / 824.70 – 848.31MHz (CDMA)** **1851.25MHz – 1908.75MHz (PCS CDMA)**
Rx Frequency Range:	**869.04MHz – 893.97MHz (AMPS) / 869.70 – 893.31MHz (CDMA)** **1931.25MHz – 1988.75MHz (PCS CDMA)**
Max. RF Output Power:	**0.580 W ERP AMPS (27.632 dBm) / 0.529 W ERP CDMA (27.233 dBm)** **0.471 W EIRP PCS CDMA (26.721 dBm)**
Max. SAR Measurement:	**1.32 W/kg AMPS Head SAR; 1.080 W/kg AMPS Body SAR;** **0.988 W/kg CDMA Head SAR; 1.010 W/kg CDMA Body SAR;** **0.973 W/kg PCS CDMA Head SAR; 0.673 W/kg PCS CDMA Body SAR;** **0.065 W/kg CDMA Face (Flip Open); 0.121 W/kg CDMA Face (Flip Close);**
Emission Designator(s):	**40K0F8W / 40K0F1D (AMPS), 1M25F9W (CDMA)**
Test Device Serial No.	**Identical Prototype [S/N: #3]**

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in §2.947.

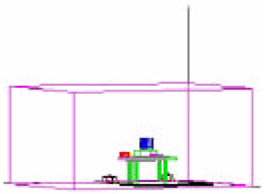
I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

Grant Conditions: Power output listed is ERP for Part 22 and EIRP for Part 24. SAR compliance for body-worn operating configuration is based on a separation distance of 1.9 cm between the back of the unit and the body of the user. End-users must be informed of the body-worn operating requirements for satisfying RF exposure compliance. Belt clips or holsters may not contain metallic components.

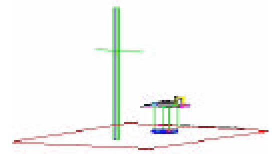
PCTEST certifies that no party to this application has been denied the FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 862.

Alfred Cirwithian
Vice President Engineering

TABLE OF CONTENTS



MEASUREMENT REPORT



1.1 Scope

Measurement and determination of electromagnetic emissions (EME) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission.

§2.1033 General Information

Applicant Name:	**SANYO ELECTRIC Co., Ltd.**
Address:	**c/o Sanyo Sales & Supply (USA) Corp.** **900 North Arlington Heights Road, Suite 300** **Itasca, IL 60143-2844**

- FCC ID: AEZSCP-73H
- Quantity: Quantity production is planned
- Emission Designators: 40K0F8W / 40K0F1D (AMPS), 1M25F9W (CDMA)
- Tx Freq. Range: 824.04 – 848.97 MHz (AMPS)
  824.70 – 848.31 MHz (CDMA)
  1851.25 – 1908.75 MHz (PCS CDMA)
- Rx Freq. Range: 869.04 – 893.97 MHz (AMPS)
  869.70 – 893.31 MHz (CDMA)
  1931.25 – 1988.75 MHz (PCS CDMA)
- Max. Power Rating: 0.580 W ERP AMPS (27.632 dBm) / 0.529 W ERP CDMA (27.233 dBm)
  0.471 W EIRP PCS CDMA (26.721 dBm)
- FCC Classification(s): Licensed Portable Tx Held to Ear (PCE)
- Equipment (EUT) Type: Tri-Mode Dual-Band Analog/PCS Phone
- Modulation(s): AMPS / CDMA
- Frequency Tolerance: ± 0.00025% (2.5 ppm)
- FCC Rule Part(s): § 24(E), §22(H)
- Dates of Tests: October 27-31, 2003
- Place of Tests: PCTEST Lab, Columbia, MD U.S.A.
- Test Report S/N: 22/24.231027523.AEZ

2.1 INTRODUCTION

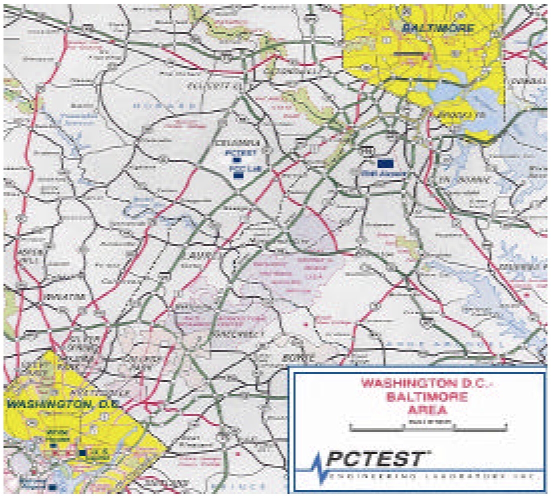


Figure 1. Map of the Greater Baltimore and Metropolitan Washington, D.C. area.

These measurement tests were conducted at ***PCTEST Engineering Laboratory, Inc.*** facility in New Concept Business Park, Guilford Industrial Park, Columbia, Maryland. The site address is 6660-B Dobbin Road, Columbia, MD 21045. The test site is one of the highest points in the Columbia area with an elevation of 390 feet above mean sea level. The site coordinates are 39° 11'15" N latitude and 76° 49'38" W longitude. The facility is 1.5 miles North of the FCC laboratory, and the ambient signal and ambient signal strength are approximately equal to those of the FCC laboratory. There are no FM or TV transmitters within 15 miles of the site. The detailed description of the measurement facility was found to be in compliance with the requirements of § 2.948 according to ANSI C63.4 on October 19, 1992.

Measurement Procedure

The radiated and spurious measurements were made outdoors at a 3-meter test range (see Figure2). The equipment under test is placed on a wooden turntable 3-meters from the receive antenna. The receive antenna height and turntable rotations were adjusted for the highest reading on the receive spectrum analyzer. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This level is recorded. 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.

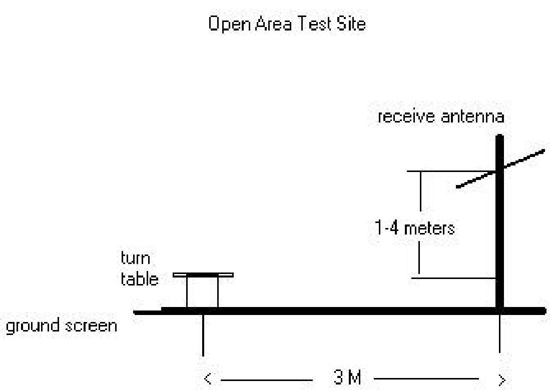


Figure 2. Diagram of 3-meter outdoor test range

3.1 INSERTS

Function of Active Devices (Confidential)

The Function of active devices are shown in Attachment K.

Block & Schematic Diagrams (Confidential)

The block diagrams are shown in Attachment I, and the schematic diagrams are shown in Attachment J.

Operating Instructions

The instruction manual is shown in Attachment M.

Parts List & Tune-Up Procedure (Confidential)

The parts list & tune-up procedure is shown in Attachment L.

Description of Freq. Stabilization Circuit (Confidential)

The description of frequency stabilization circuit is shown in Attachment K.

Description for Suppression of Spurious Radiation, for Limiting Modulation, and Harmonic Suppresion Circuits (Confidential)

The description of suppression stabilization circuits is shown in Attachment K.

4.1 DESCRIPTION OF TESTS

4.2 Transmitter Audio Frequency Response

The frequency response of the audio modulating circuit over the frequency range 100 – 5000 Hz is measured. The audio signal generator is connected to the audio input circuit/microphone of the EUT. The audio signal input is adjusted to obtain 50% modulation at 1kHz and this point is taken as the 0dB reference. With the input held constant and below the limit at all frequencies, the audio signal generator is varied from 100 to 50 kHz.

4.3 Audio Low Pass Filter Frequency Response

The response in dB relative to 1kHz is measured using the HP8901 a Modulation Analyzer. For the frequency response of the audio low-pass filter, the audio input is connected at the input to the modulation limiter and the modulated stage. The audio output is connected at the output of the modulated stage. The corresponding plots are shown herein.

4.4 Modulation Limiting

The audio signal generator is connected to the audio input circuit/microphone of the EUT. The modulation response is measured for each of the three modulating frequencies (300Hz, 1000 Hz, and 3000Hz), and the input voltage is varied from 30% modulation (±3.6kHz deviation) to at least 20dB higher than the saturation point. Measurements of modulation and the plots are attached herein. Measurements were performed for ST, SAT, and wide-band data modulations. The corresponding results are shown herein.

Note: ST, SAT, & Wide-Band data were internally generated by the EUT.

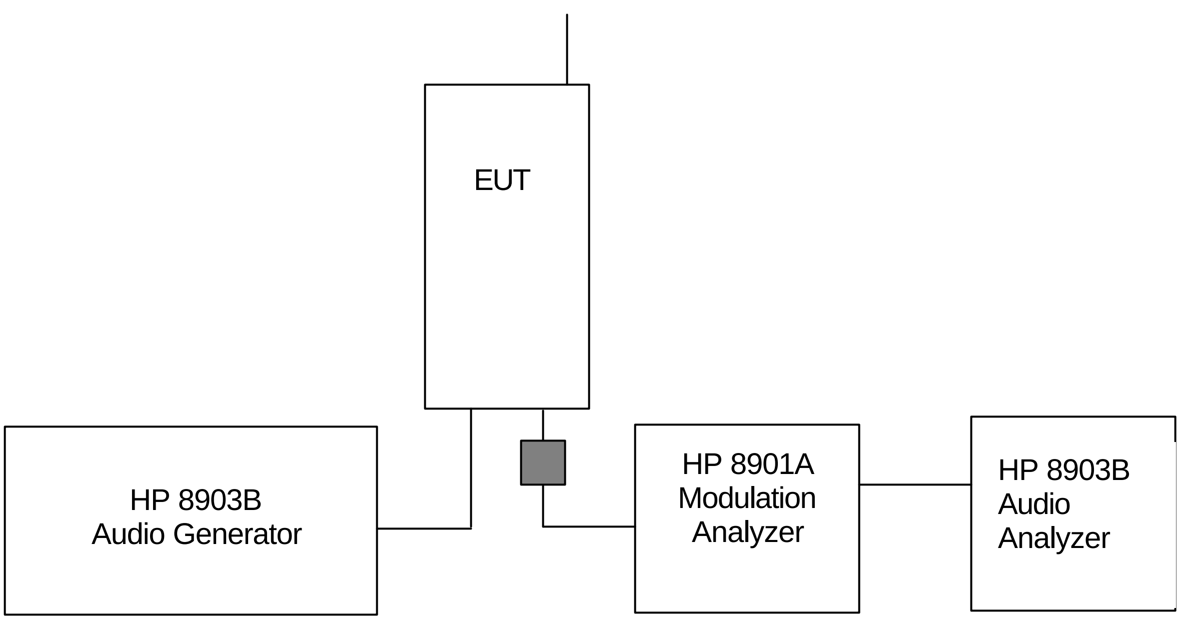


Fig. 3. Transmitter Audio Frequency & Tone Modulation Test Setup.

4.1 DESCRIPTION OF TESTS (CONTINUED)

4.5 Occupied Bandwidth Emission Limits

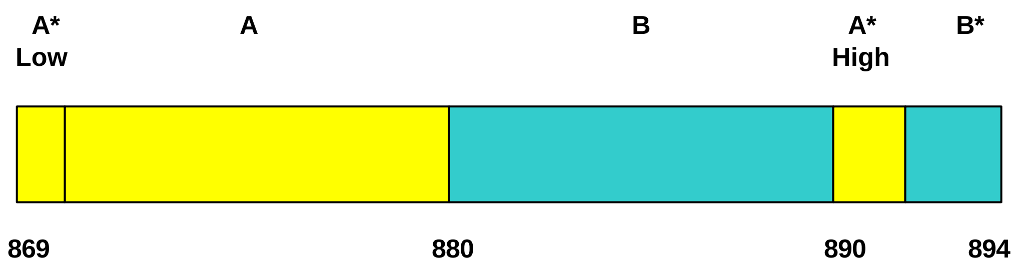
(a) On any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least 43 + 10 log(P) dB.

(b) Compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26 dB below the transmitter power.

(c) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the licensee's frequency block edges, both upper and lower, as the design permits.

(d) The measurement of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.

4.6 Cellular - Base Frequency Blocks



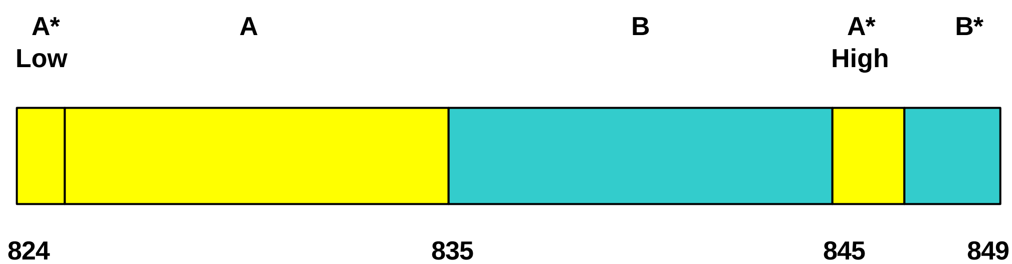
BLOCK 1: 869 – 880 MHz (A* Low + A)

BLOCK 2: 880 – 890 MHz (B)

BLOCK 3: 890 – 891.5 MHz (A* High)

BLOCK 4: 891.5 – 894 MHz (B*)

4.7 Cellular - Mobile Frequency Blocks



BLOCK 1: 824 – 835 MHz (A* Low + A)

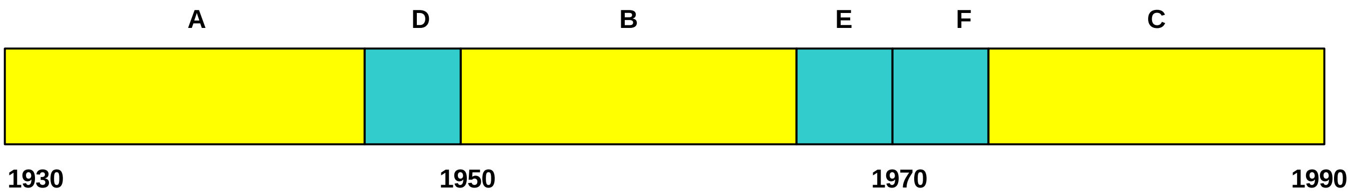
BLOCK 2: 835 – 845 MHz (B)

BLOCK 3: 845 – 846.5 MHz (A* High)

BLOCK 4: 846.5 – 849 MHz (B*)

4.1 DESCRIPTION OF TESTS (CONTINUED)

4.8 PCS - Base Frequency Blocks



BLOCK 1: 1930 – 1945 MHz (A)

BLOCK 2: 1945 – 1950 MHz (D)

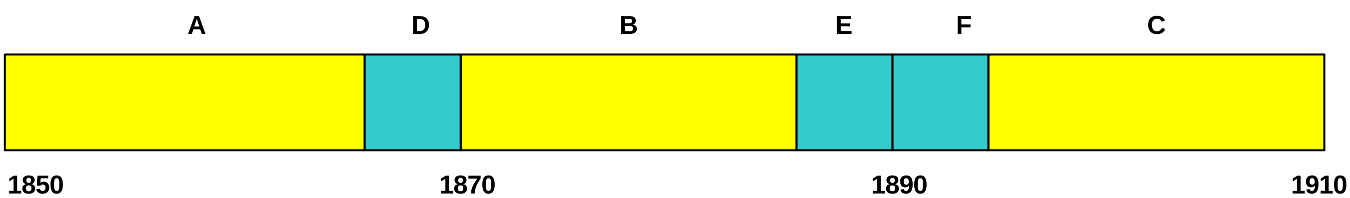
BLOCK 3: 1950 – 1965 MHz (B)

BLOCK 4: 1965 – 1970 MHz (E)

BLOCK 5: 1970 – 1975 MHz (F)

BLOCK 6: 1975 – 1990 MHz (C)

4.9 PCS - Mobile Frequency Blocks



BLOCK 1: 1850 – 1865 MHz (A)

BLOCK 2: 1865 – 1870 MHz (D)

BLOCK 3: 1870 – 1885 MHz (B)

BLOCK 4: 1885 – 1890 MHz (E)

BLOCK 5: 1890 – 1895 MHz (F)

BLOCK 6: 1895 – 1910 MHz (C)

4.10 Occupied Bandwidth

The audio signal generator is adjusted to 1kHz. The output level is set to ±6kHz deviation. With the level constant, the frequency is set to 2500Hz. Then the audio signal level is increased by 16dB. The occupied bandwidth data is obtained for the SAT (Supervisory Audio Tone), ST (Signaling Tone), WBD (Wideband data), and DTMF (Dual Tone Multi Frequencies). The results are shown on the attached graphs.

Specified Limits:

a. On any frequency removed from the assigned carrier frequency by more than 20 kHz, up to and including 45kHz, the sideband is at least 26dB below the carrier.

b. On any frequency removed from the assigned carrier frequency by more than 45 kHz, up to and including 90kHz, the sideband is at least 45dB below the carrier.

c. On any frequency removed from the assigned carrier frequency by more than 90 kHz, up to the first multiple of the carrier frequency, the sideband is at least 60dB below the carrier or 40 + $\log_{10}$ (mean power output in Watts) dB, whichever is the smaller attenuation.

4.11 Spurious and Harmonic Emissions at Antenna Terminal

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to 10 GHz. The transmitter is modulated with a 2500Hz tone at a level of 16dB greater than that required to provided 50% modulation.

At the input terminals of the spectrum analyzer, an isolator (RF circulator with on port terminated with 50 ohms) and an 870 MHz to 890 MHz bandpass filter is connected between the test transceiver (for conducted tests) or the receive antenna (for radiated tests) and the analyzer. The rejection of the bandpass filter to signals in the 825 – 845 MHz range is adequate to limit the transmit energy from the test transceiver which appears to a level which will allow the analyzer to measure signals less than –90dBm. Calibration of the test receiver is performed in the 870 – 890 MHz range to insure accuracy to allow variation in the bandpass filter insertion loss to be calibrated.

4.12 Frequencies

At the input terminals of the spectrum analyzer, an isolator (RF pad) and an high-pass filter are connected between the test transceiver (for conducted tests) or the receive antenna (for radiated tests) and the analyzer. The high-pass filter (signals below 1.6 GHz) is to limit the fundamental frequency from interfering with the measurement of low-level spurious and harmonic emissions and to ensure that the preamplifier is not saturated.

4.13 Radiation Spurious and Harmonic Emissions

Radiation and harmonic emissions are measured outdoors at our 3-meter test range. The equipment under test is placed on a wooden turntable 3-meters from the receive antenna. The receive antenna height and turntable rotations were adjusted for the highest reading on the receive spectrum analyzer. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator with the level of the signal generator being adjusted to obtain the same receive spectrum analyzer reading. This level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

5.0 Frequency Stability/Temperature Variation.

The frequency stability of the transmitter is measured by:

a.) **Temperature:** The temperature is varied from -30°C to +60°C using an environmental chamber.

b.) **Primary Supply Voltage:** The primary supply voltage is varied from 85% 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 ±0.00025 (±2.5 ppm) of the center frequency.

Time Period and Procedure:

1. The carrier frequency of the transmitter and the individual oscillators is measured at room temperature (22°C to 25°C to provide a reference).
2. The equipment is subjected to an overnight "soak" at -30°C without any power applied.
3. After the overnight "soak" at -30°C (usually 14-16 hours), 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 and the individual oscillators is made within a three minute interval after applying power to the transmitter.
4. Frequency measurements are made at 10°C interval up to room temperature. At least a period of one and one half-hour is provided to allow stabilization of the equipment at each temperature level.
5. Again the transmitter carrier frequency and the individual oscillators is measured at room temperature to begin measurement of the upper temperature levels.
6. Frequency measurements are at 10 intervals starting at -30°C up to +50°C allowing at least two hours at each temperature for stabilization. In all measurements the frequency is measured within three minutes after re-applying power to the transmitter.
7. The artificial load is mounted external to the temperature chamber.

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

5.1 Test Data

5.2 Effective Radiated Power Output

A. POWER: **Low (Analog Mode)**

Freq. Tuned (MHz)	REF. LEVEL (dBm)	POL (H/V)	ERP (W)	ERP (dBm)
824.04	-33.700	V	0.006	7.573
836.49	-33.797	V	0.006	7.632
848.97	-34.000	V	0.006	7.585

B. POWER: **High (Analog Mode)**

Freq. Tuned (MHz)	REF. LEVEL (dBm)	POL (H/V)	ERP (W)	ERP (dBm)	BATTERY
824.04	-13.700	V	0.572	27.573	Standard
836.49	-13.797	V	0.580	27.632	Standard
848.97	-14.000	V	0.573	27.585	Standard
836.49	-13.900	V	0.566	27.529	Extended

Note: Standard and extended batteries are the only options for this phone

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
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 AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

5.1 Test Data

5.3 Effective Radiated Power Output

A. POWER: **High (CDMA Mode)**

Freq. Tuned (MHz)	REF. LEVEL (dBm)	POL (H/V)	ERP (W)	ERP (dBm)	BATTERY
824.70	-14.100	V	0.522	27.173	Standard
836.49	-14.200	V	0.529	27.233	Standard
848.31	-14.400	V	0.523	27.183	Standard
836.49	-14.500	V	0.511	27.083	Extended

Note: Standard and extended batteries are the only options for this phone

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
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 AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

6.1 Test Data

6.2 Equivalent Isotropic Radiated Power (E.I.R.P.)

Radiated measurements at 3 meters

Supply Voltage: 3.7 VDC

Modulation: PCS CDMA

FREQ. (MHz)	REF. LEVEL (dBm)	POL (H/V)	Azimuth (o angle)	EIRP (dBm)	EIRP (W)	Battery
1851.25	-16.500	H	60	26.581	0.456	Standard
1880.00	-16.530	H	60	26.721	0.471	Standard
1908.75	-16.900	H	60	26.521	0.450	Standard
1880.00	-16.950	H	60	26.471	0.445	Extended

Note: Standard and extended batteries are the only options for this phone

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
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 AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

7.1 Test Data

7.2 AMPS Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 824.04 MHz
CHANNEL: 0991 (Low)
MEASURED OUTPUT POWER: 27.632 dBm = 0.580 W
MODULATION SIGNAL: FM (Internal)
DISTANCE: 3 meters
LIMIT: $43 + 10\log_{10}(W) =$ 40.63 dBc

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
1648.08	-44.48	6.10	-38.38	H	66.0
2472.12	-42.58	6.70	-35.88	H	63.5
3296.16	-43.18	6.80	-36.38	H	64.0
4120.20	-38.08	6.50	-31.58	H	59.2
4944.24	-49.88	7.00	-42.88	H	70.5

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
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 AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

7.1 Test Data (Continued)

7.3 AMPS Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 836.49 MHz
CHANNEL: 0383 (Mid)
MEASURED OUTPUT POWER: 27.632 dBm = 0.580 W
MODULATION SIGNAL: FM (Internal)
DISTANCE: 3 meters
LIMIT: $43 + 10 \log_{10}$ (W) = 40.63 dBc

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
1672.98	-45.98	6.10	-39.88	H	67.5
2509.47	-37.48	6.70	-30.78	H	58.4
3345.96	-41.98	6.80	-35.18	H	62.8
4182.45	-46.48	6.50	-39.98	H	67.6
5018.94	-58.98	7.00	-51.98	H	79.6

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
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 AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

7.1 Test Data (Continued)

7.4 AMPS Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 848.97 MHz
CHANNEL: 0799 (High)
MEASURED OUTPUT POWER: 27.632 dBm = 0.580 W
MODULATION SIGNAL: FM (Internal)
DISTANCE: 3 meters
LIMIT: $43 + 10 \log_{10}(W) =$ 40.63 dBc

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
1697.94	-40.08	6.10	-33.98	V	61.6
2546.91	-37.68	6.70	-30.98	V	58.6
3395.88	-42.38	6.80	-35.58	V	63.2
4244.85	-49.18	6.50	-42.68	V	70.3
5093.82	-60.38	7.00	-53.38	V	81.0

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
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 AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

7.1 Test Data (Continued)

7.5 CELLULAR CDMA Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY:	824.70	MHz		
CHANNEL:	1013 (Low)			
MEASURED OUTPUT POWER:	27.233	dBm =	0.529	W
MODULATION SIGNAL:	CDMA (Internal)			
DISTANCE:	3	meters		
LIMIT:	$43 + 10 \log_{10} (W) =$	40.23	dBc	

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
1649.40	-52.58	6.10	-46.48	V	73.7
2474.10	-55.48	6.70	-48.78	V	76.0
3298.80	-52.28	6.80	-45.48	V	72.7
4123.50	-68.38	6.50	-61.88	V	89.1
4948.20	-84.38	7.00	-77.38	V	104.6

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
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 AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

7.1 Test Data (Continued)

7.6 CELLULAR CDMA Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 836.49 MHz
CHANNEL: 0383 (Mid)
MEASURED OUTPUT POWER: 27.233 dBm = 0.529 W
MODULATION SIGNAL: CDMA (Internal)
DISTANCE: 3 meters
LIMIT: $43 + 10 \log_{10} (W) =$ 40.23 dBc

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
1672.98	-53.68	6.10	-47.58	V	74.8
2509.47	-51.78	6.70	-45.08	V	72.3
3345.96	-53.68	6.80	-46.88	V	74.1
4182.45	-85.78	6.50	-79.28	V	106.5
5018.94	-83.78	7.00	-76.78	V	104.0

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
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 AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

7.1 Test Data (Continued)

7.7 CELLULAR CDMA Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 848.31 MHz
CHANNEL: 0777 (High)
MEASURED OUTPUT POWER: 27.233 dBm = 0.529 W
MODULATION SIGNAL: CDMA (Internal)
DISTANCE: 3 meters
LIMIT: 43 + 10 $\log_{10}$ (W) = 40.23 dBc

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
1696.62	-54.18	6.10	-48.08	V	75.3
2544.93	-53.18	6.70	-46.48	V	73.7
3393.24	-54.28	6.80	-47.48	V	74.7
4241.55	-72.68	6.50	-66.18	V	93.4
5089.86	-83.98	7.00	-76.98	V	104.2

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
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 AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

7.1 Test Data (Continued)

7.8 PCS CDMA Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY:	1851.25	MHz		
CHANNEL:	0025 (Low)			
MEASURED OUTPUT POWER:	26.721	dBm =	0.471	W
MODULATION SIGNAL:	CDMA (Internal)			
DISTANCE:	3	meters		
LIMIT:	$43 + 10 \log_{10}$ (W) =	39.73	dBc	

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBi)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
3702.50	-52.33	8.70	-43.63	V	70.4
5553.75	-64.23	9.70	-54.53	V	81.3
7405.00	-61.73	9.90	-51.83	V	78.6
9256.25	-64.43	11.40	-53.03	V	79.8
11107.50	-77.33	12.10	-65.23	V	92.0

NOTES:

Radiated Spurious Emission Measurements by Substitution Method
according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
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 AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

7.1 Test Data (Continued)

7.9 PCS CDMA Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 1880.00 MHz
CHANNEL: 0600 (Mid)
MEASURED OUTPUT POWER: 26.721 dBm = 0.471 W
MODULATION SIGNAL: CDMA (Internal)
DISTANCE: 3 meters
LIMIT: $43 + 10 \log_{10}(W) =$ 39.73 dBc

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBi)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
3760.00	-49.63	8.70	-40.93	V	67.7
5640.00	-60.53	9.70	-50.83	V	77.6
7520.00	-57.83	9.90	-47.93	V	74.7
9400.00	-69.23	11.40	-57.83	V	84.6
11280.00	-77.13	12.10	-65.03	V	91.8

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
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 AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

7.1 Test Data (Continued)

7.10 PCS CDMA Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY:	1908.75	MHz		
CHANNEL:	1175 (High)			
MEASURED OUTPUT POWER:	26.721	dBm	=	0.471 W
MODULATION SIGNAL:	CDMA (Internal)			
DISTANCE:	3	meters		
LIMIT:	$43 + 10 \log_{10} (W) =$	39.73	dBc	

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBi)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
3817.50	-49.53	8.70	-40.83	V	67.6
5726.25	-55.53	9.70	-45.83	V	72.6
7635.00	-54.53	9.90	-44.63	V	71.4
9543.75	-68.93	11.40	-57.53	V	84.3
11452.50	-76.93	12.10	-64.83	V	91.6

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, Aug. 15, 2001:
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 AMPS, GSM, and NADC TDMA signals, a peak detector is used, with RBW = VBW = 1 MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

8.1 Test Data

8.2 FREQUENCY STABILITY (AMPS)

OPERATING FREQUENCY: 836,490,005 Hz

CHANNEL: 383

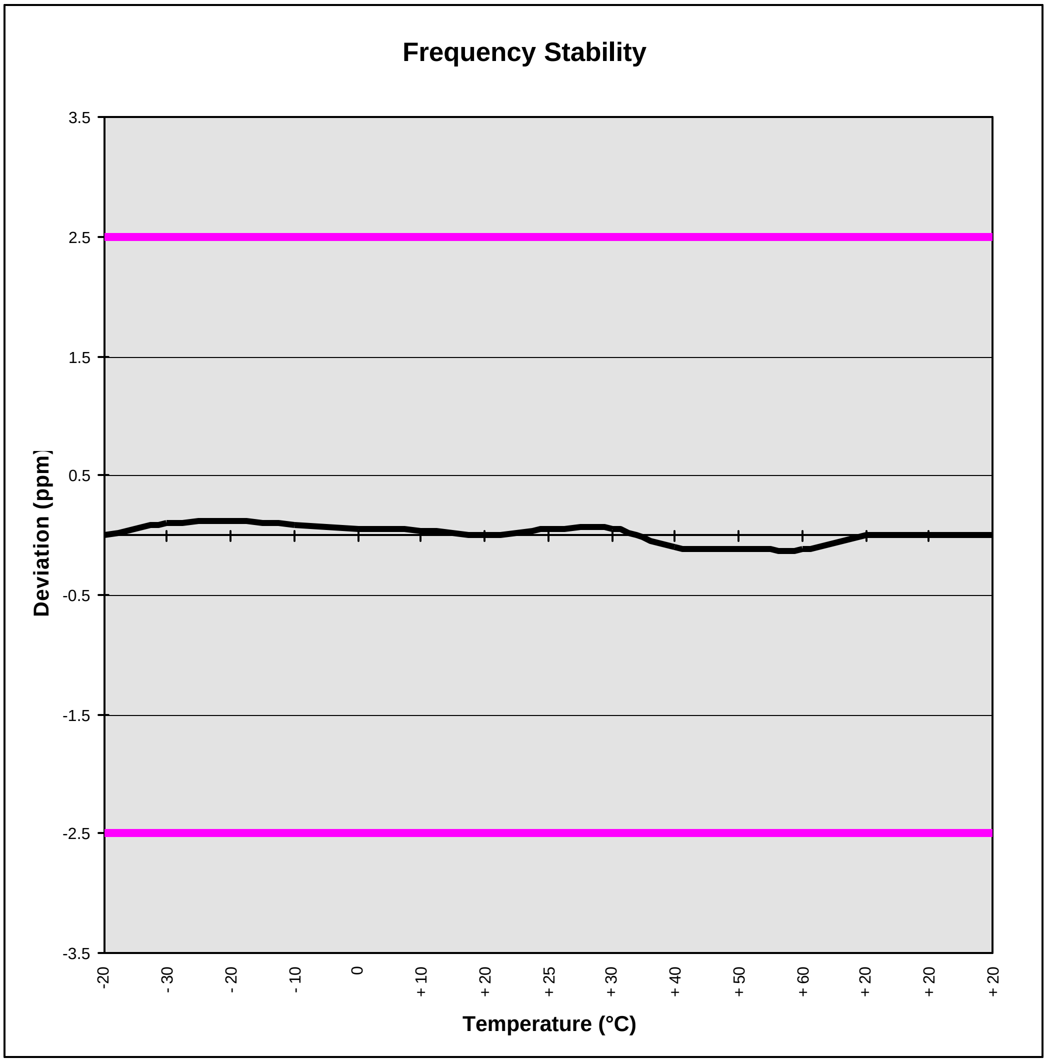
REFERENCE VOLTAGE: 3.7 VDC

DEVIATION LIMIT: ± 0.00025 % or 2.5 ppm

VOLTAGE (%)	POWER (VDC)	TEMP (ºC)	FREQ. (Hz)	Deviation (%)
100 %	3.70	+ 20 (Ref)	836,490,005	0.000000
100 %		- 30	836,489,921	0.000010
100 %		- 20	836,489,905	0.000012
100 %		- 10	836,489,930	0.000009
100 %		0	836,489,955	0.000006
100 %		+ 10	836,489,972	0.000004
100 %		+ 20	836,490,005	0.000000
100 %		+ 25	836,489,963	0.000005
100 %		+ 30	836,489,955	0.000006
100 %		+ 40	836,490,089	-0.000010
100 %		+ 50	836,490,097	-0.000011
100 %		+ 60	836,490,105	-0.000012
85 %	3.17	+ 20	836,490,005	0.000000
115 %	4.26	+ 20	836,490,005	0.000000
BATT. ENDPOINT	2.97	+ 20	836,490,005	0.000000

8.1 Test Data (Continued)

8.3 FREQUENCY STABILITY (AMPS)



8.1 Test Data

8.4 FREQUENCY STABILITY (CDMA 800 MHz)

OPERATING FREQUENCY: 836,490,002 Hz

CHANNEL: 383

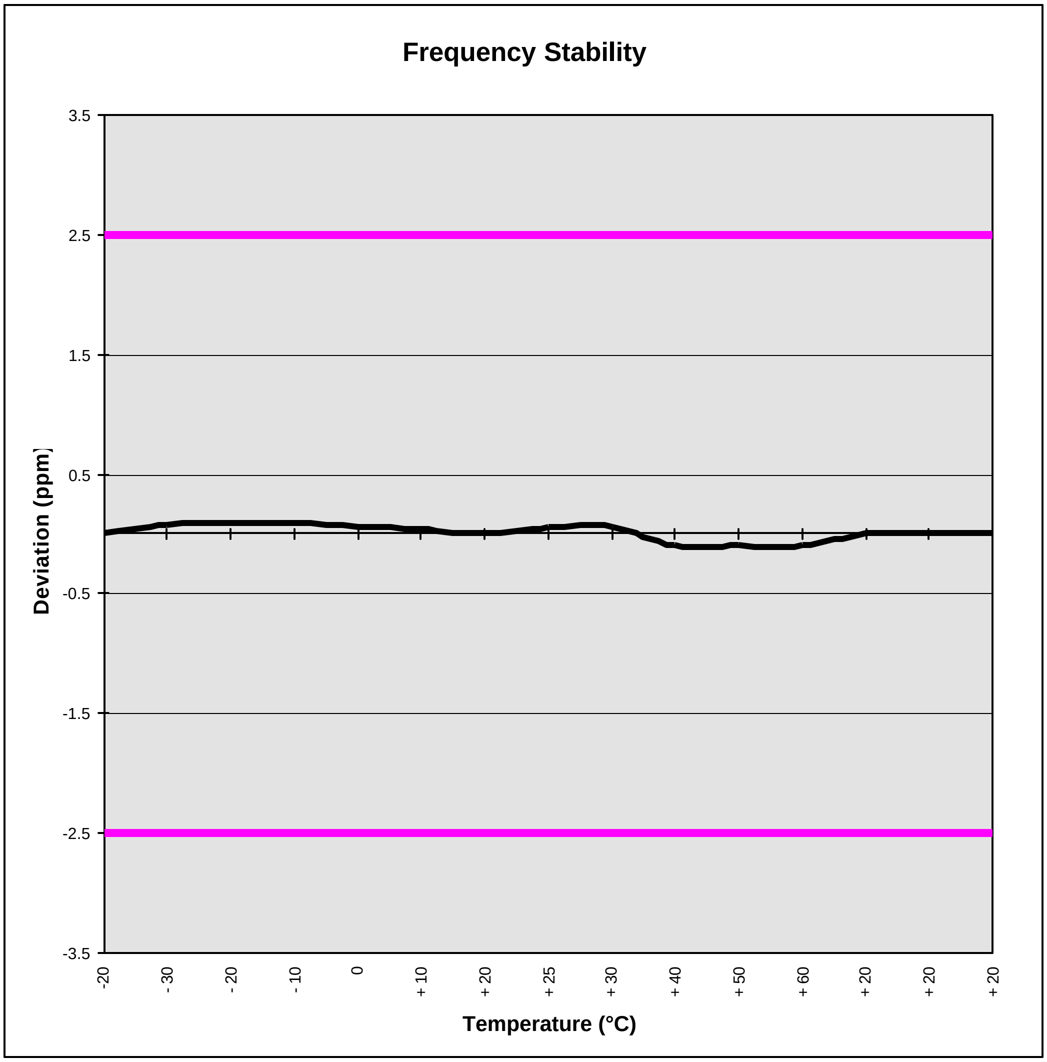
REFERENCE VOLTAGE: 3.7 VDC

DEVIATION LIMIT: ± 0.00025 % or 2.5 ppm

VOLTAGE (%)	POWER (VDC)	TEMP (ºC)	FREQ. (Hz)	Deviation (%)
100 %	3.70	+ 20 (Ref)	836,490,002	0.000000
100 %		- 30	836,489,935	0.000008
100 %		- 20	836,489,927	0.000009
100 %		- 10	836,489,927	0.000009
100 %		0	836,489,952	0.000006
100 %		+ 10	836,489,969	0.000004
100 %		+ 20	836,490,002	0.000000
100 %		+ 25	836,489,960	0.000005
100 %		+ 30	836,489,952	0.000006
100 %		+ 40	836,490,086	-0.000010
100 %		+ 50	836,490,086	-0.000010
100 %		+ 60	836,490,086	-0.000010
85 %	3.17	+ 20	836,490,002	0.000000
115 %	4.26	+ 20	836,490,002	0.000000
BATT. ENDPOINT	2.97	+ 20	836,490,002	0.000000

8.1 Test Data (Continued)

8.5 FREQUENCY STABILITY (CDMA 800 MHz)



8.1 Test Data (Continued)

8.6 FREQUENCY STABILITY (PCS CDMA)

OPERATING FREQUENCY: 1,880,000,004 Hz

CHANNEL: 600

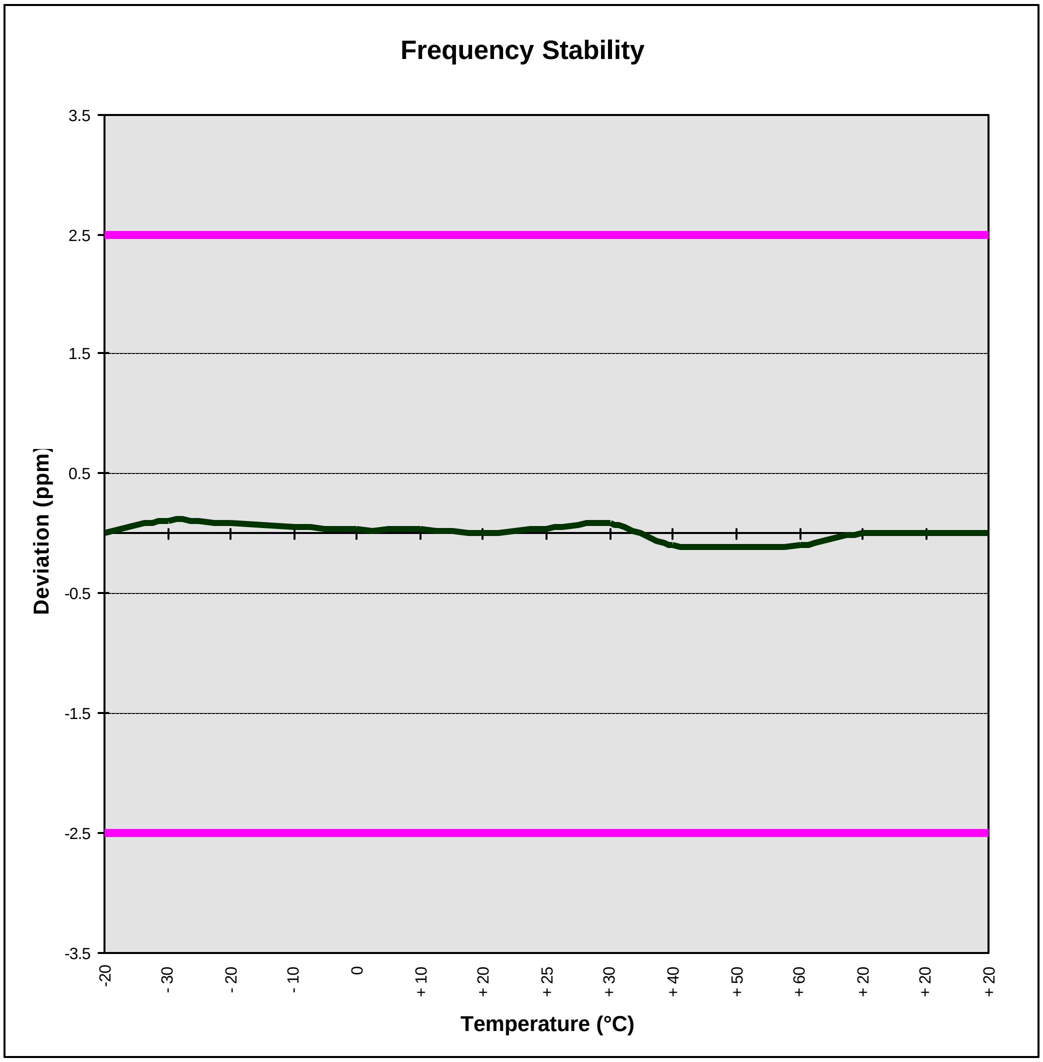
REFERENCE VOLTAGE: 3.7 VAC

DEVIATION LIMIT: ± 0.00025 % or 2.5 ppm

VOLTAGE (%)	POWER (VDC)	TEMP (ºC)	FREQ. (Hz)	Deviation (%)
100 %	3.70	+ 20 (Ref)	1,880,000,004	0.000000
100 %		- 30	1,879,999,797	0.000011
100 %		- 20	1,879,999,854	0.000008
100 %		- 10	1,879,999,891	0.000006
100 %		0	1,879,999,948	0.000003
100 %		+ 10	1,879,999,948	0.000003
100 %		+ 20	1,880,000,004	0.000000
100 %		+ 25	1,879,999,929	0.000004
100 %		+ 30	1,879,999,854	0.000008
100 %		+ 40	1,880,000,192	-0.000010
100 %		+ 50	1,880,000,230	-0.000012
100 %		+ 60	1,880,000,192	-0.000010
85 %	3.17	+ 20	1,880,000,004	0.000000
115 %	4.26	+ 20	1,880,000,004	0.000000
BATT. ENDPOINT	2.99	+ 20	1,880,000,004	0.000000

8.1 Test Data (Continued)

8.7 FREQUENCY STABILITY (PCS CDMA)



9.1 PLOT(S) OF EMISSIONS

(SEE ATTACHMENT D)

10.1 TEST EQUIPMENT

Type	Model	Cal. Due Date	S/N
Microwave Spectrum Analyzer	HP 8566B (100Hz-22GHz)	08/15/04	3638A08713
Microwave Spectrum Analyzer	HP 8566B (100Hz-22GHz)	04/17/04	2542A11898
Spectrum Analyzer/Tracking Gen.	HP 8591A (100Hz-1.8GHz)	08/10/04	3144A02458
Signal Generator*	HP 8640B (500Hz-1GHz)	06/03/04	2232A19558
Signal Generator*	HP 8640B (500Hz-1GHz)	06/03/04	1851A09816
Signal Generator*	Rohde & Schwarz (0.1-1000MHz)	09/11/04	894215/012
Ailtech/Eaton Receiver	NM 37/57A-SL (30-1000MHz)	04/12/04	0792-03271
Ailtech/Eaton Receiver	NM 37/57A (30-1000MHz)	03/11/04	0805-03334
Ailtech/Eaton Receiver	NM 17/27A (0.1-32MHz)	09/17/04	0608-03241
Quasi-Peak Adapter	HP 85650A	08/15/04	2043A00301
Ailtech/Eaton Adapter	CCA-7 CISPR/ANSI QP Adapter	03/11/04	0194-04082
Gigatronics Universal Power Meter	8657A		1835256
Gigatronics Power Sensor	80701A (0.05-18GHz)		1833460
Signal Generator	HP 8648D (9kHz-4GHz)		3613A00315
Amplifier Research	5S1G4 (5W, 800MHz-4.2GHz)		22322
Network Analyzer	HP 8753E (30kHz-3GHz)		JP38020182
Audio Analyzer	HP 8903B		3011A09025
Modulation Analyzer	HP 8901A		2432A03467
Power Meter	HP 437B		3125U24437
Power Sensor	HP 8482H (30µW-3W)		2237A02084
Harmonic/Flicker Test System	HP 6841A (IEC 555-2/3)		3531A00115
Broadband Amplifier (2)	HP 8447D		1145A00470, 1937A03348
Broadband Amplifier	HP 8447F		2443A03784
Horn Antenna	EMCO Model 3115 (1-18GHz)		9704-5182
Horn Antenna	EMCO Model 3115 (1-18GHz)		9205-3874
Horn Antenna	EMCO Model 3116 (18-40GHz)		9203-2178
Biconical Antenna (4)	Eaton 94455/Eaton 94455-1/Singer 94455-1/Compliance Design		1295, 1332, 0355
Log-Spiral Antenna (3)	Ailtech/Eaton 93490-1		0608, 1103, 1104
Roberts Dipoles	Compliance Design (1 set)		
Ailtech Dipoles	DM-105A (1 set)		33448-111
EMCO LISN (6)	3816/2		1079
Microwave Preamplifier 40dB Gain	HP 83017A (0.5-26.5GHz)		3123A00181
Microwave Cables	MicroCoax (1.0-26.5GHz)		
Ailtech/Eaton Receiver	NM37/57A-SL		0792-03271
Spectrum Analyzer	HP 8594A		3051A00187
Spectrum Analyzer (2)	HP 8591A		3034A01395, 3108A02053
Microwave Survey Meter	Holaday Model 1501 (2.450GHz)		80931
Digital Thermometer	Extech Instruments 421305		426966
Attenuator	HP 8495A (0-70dB) DC-4GHz		
Bi-Directional Coax Coupler	Narda 3020A (50-1000MHz)		
Shielded Screen Room	RF Lindgren Model 26-2/2-0		6710 (PCT270)
Shielded Semi-Anechoic Chamber	Ray Proof Model S81		R2437 (PCT278)
Enviromental Chamber	Associated Systems Model 1025 (Temperature/Humidity)		PCT285

* Calibration traceable to the National Institute of Standards and Technology (NIST).

11.1 SAMPLE CALCULATIONS

A. Emission Designator

Emission Designator = 1M25F9W

CDMA BW = 1.25 MHz
F = Frequency Modulation
9 = Composite Digital Info
W = Combination (Audio/Data)
(Measured at the 99.75% power bandwidth)

Emission Designator = 40K0F8W

Calculation: Voice + SAT
Modulation: Voice is 2.5 kHz and SAT is 6 kHz – Maximum modulation is M = 6 kHz
Deviation: Voice is 12 kHz and SAT is 2 kHz – Maximum deviation is D = 12 + 2 = 14 kHz
Bn = 2xM + 2xDK with K = 1
Bn = 40 kHz

Calculation: Signaling Tone (ST) + SAT
Modulation: ST is 10 kHz and SAT is 6 kHz – Maximum modulation is M = 10 kHz
Deviation: ST is 8 kHz and SAT is 2 kHz – Maximum deviation is D = 8 + 2 = 10 kHz
Bn = 2xM + 2xDK with K = 1
Bn = 40 kHz

Emission Designator = 40K0F1D

Calculation: Voice + SAT
Modulation: Wideband Data is 10 kHz and SAT is 6 kHz – Maximum modulation is M = 10 kHz
Deviation: Wideband Data is 8 kHz and SAT is 2 kHz – Maximum deviation is D = 8 + 2 = 10 kHz
Bn = 2xM + 2xDK with K = 1
Bn = 40 kHz

B. Spurious Radiated Emission - PCS Band

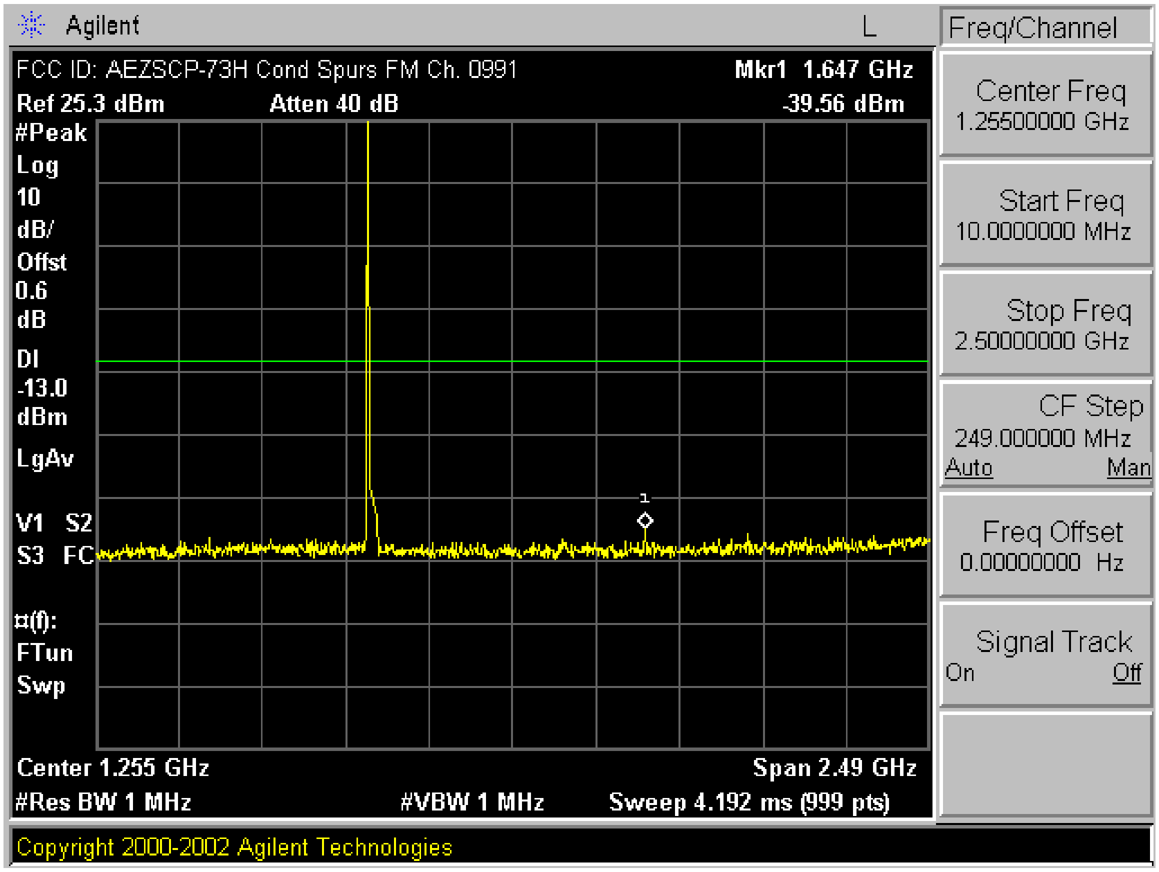
Example: Channel 25 PCS Mode 2nd Harmonic (3702.50 MHz)

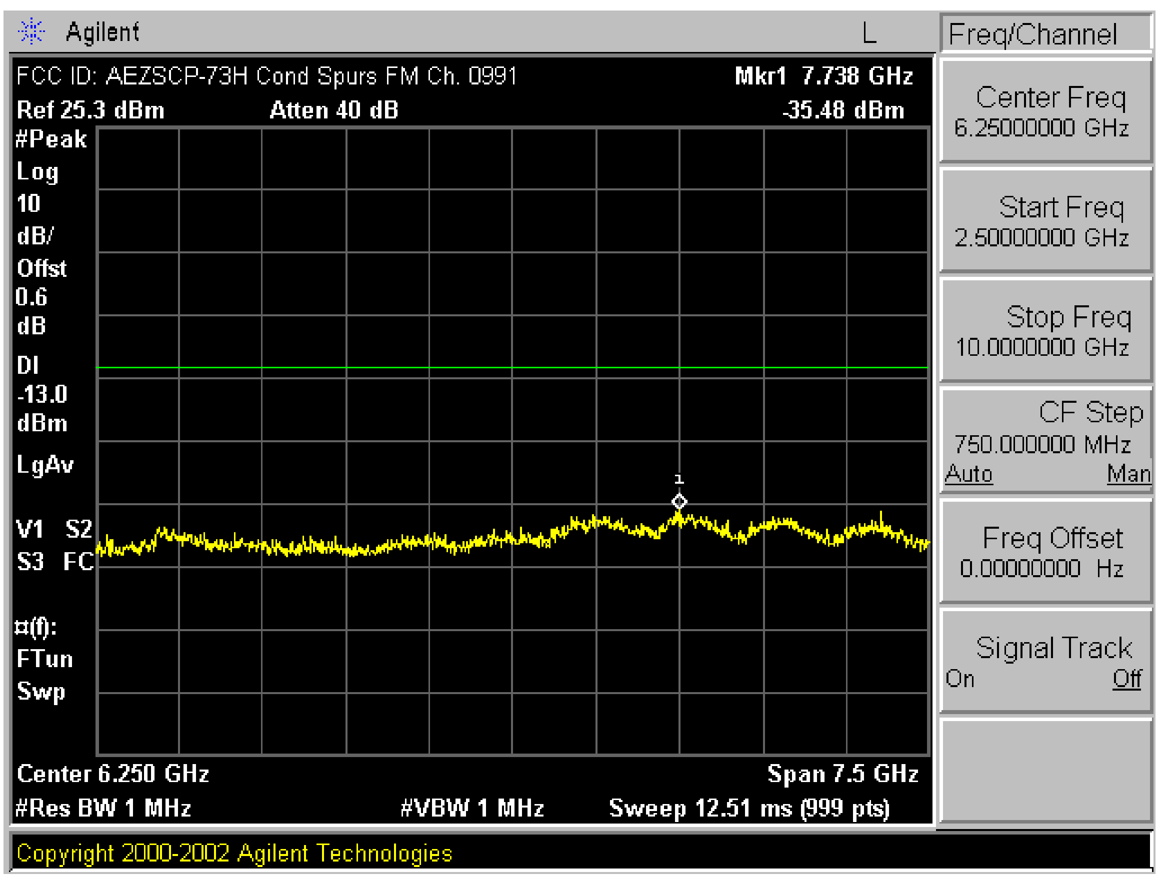
The receive analyzer reading at 3 meters with the EUT on the turntable was –81.0 dBm. The gain of the substituted antenna is 8.1 dBi. The signal generator connected to the substituted antenna terminals is adjusted to produce a reading of –81.0 dBm on the receive analyzer. The loss of the cable between the signal generator and the terminals of the substituted antenna is 2.0 dB at 3702.50 MHz. So 6.1 dB is added to the signal generator reading of –30.9 dBm yielding –24.80 dBm. The fundamental EIRP was 25.501 dBm so this harmonic was 25.501 dBm – (-24.80) = 50.3 dBc

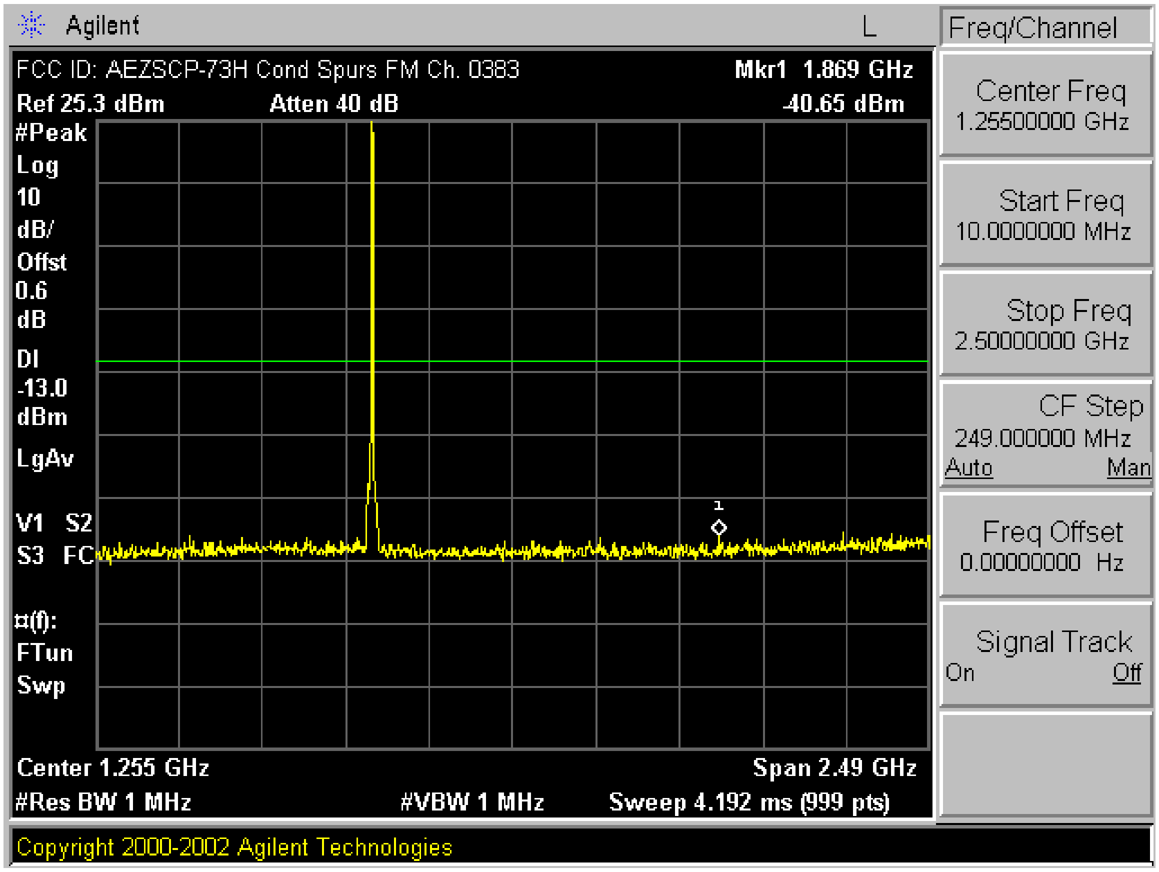
12.1 CONCLUSION

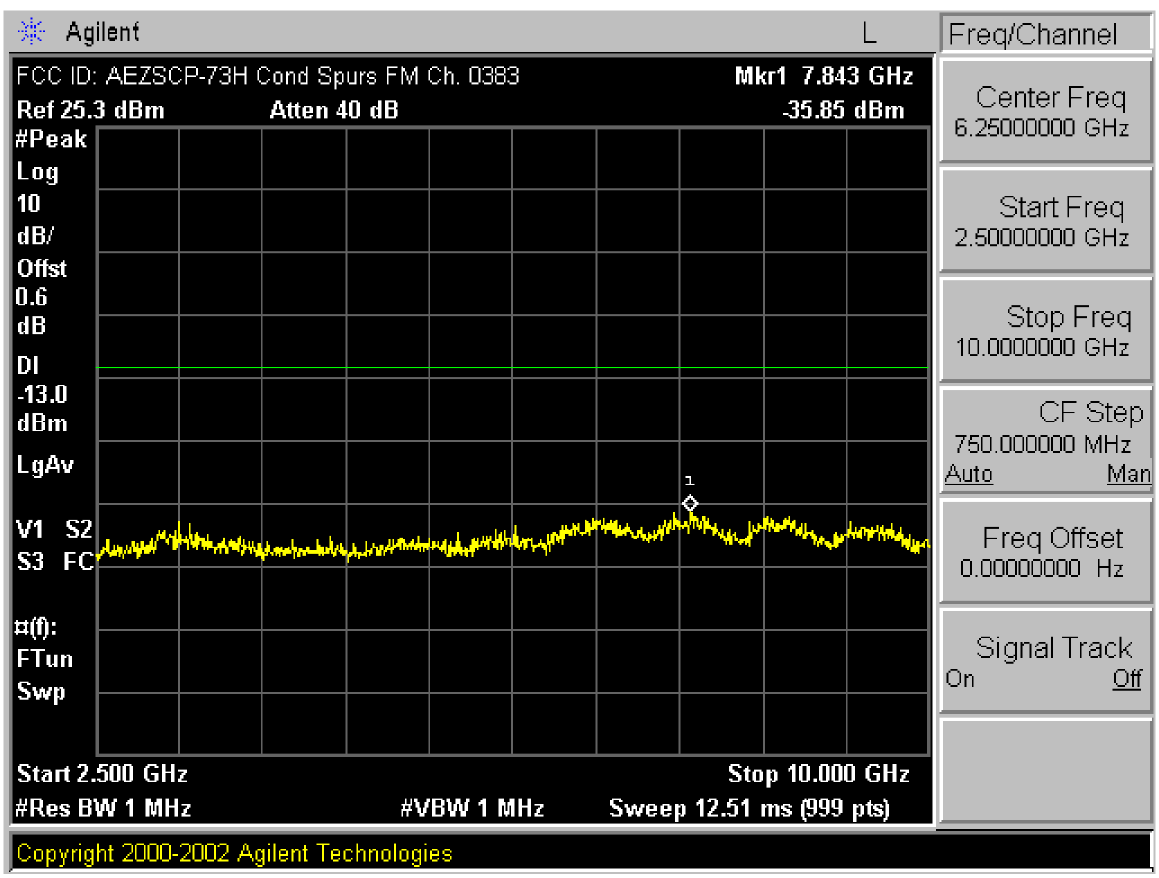
The data collected shows that the **SANYO Electric Co., Ltd. Tri-Mode Dual-Band Analog/PCS Phone (AMPS/CDMA) FCC ID: AEZSCP-73H** complies with all the requirements of Parts 2, 22, and 24 of the FCC rules.

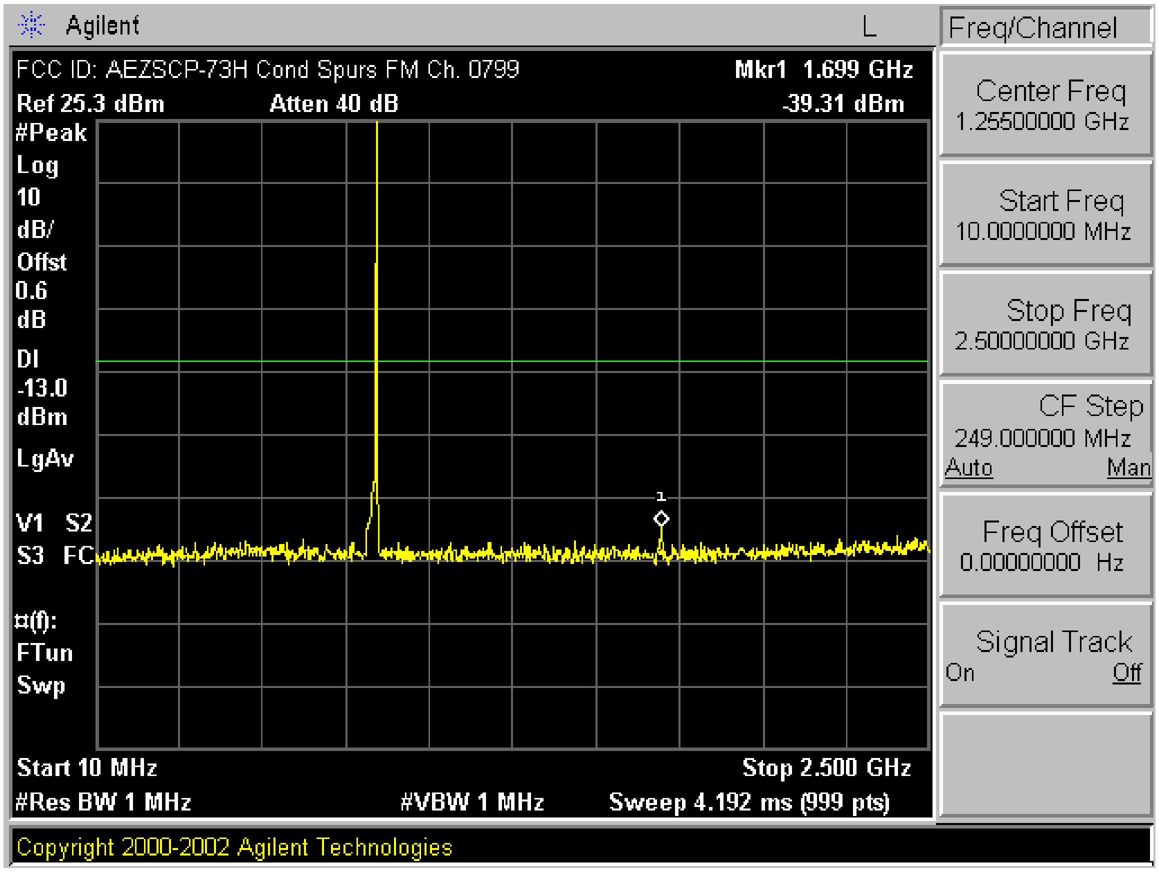
APPENDIX A: TEST PLOTS

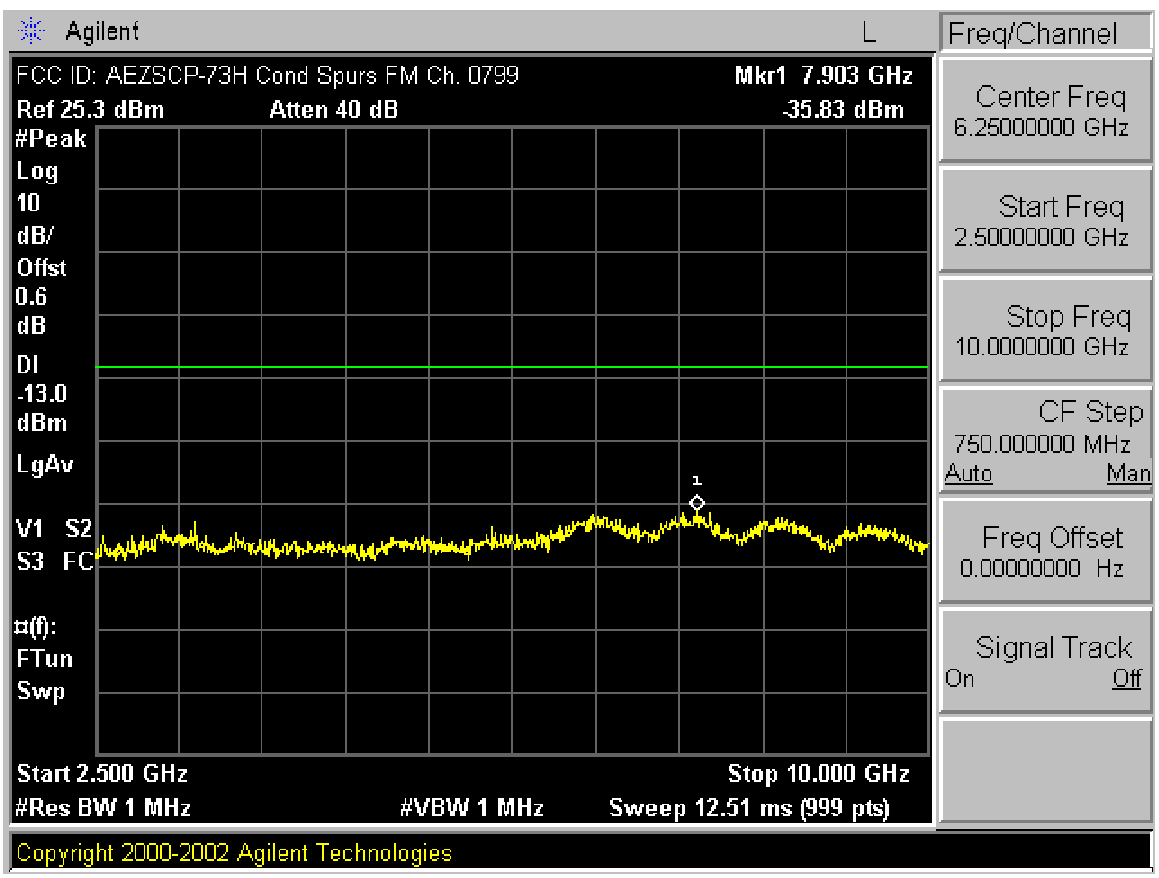

Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs FM Ch. 0991
Mkr1 1.647 GHz
Ref 25.3 dBm
Atten 40 dB
-39.56 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Center 1.255 GHz
Span 2.49 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.192 ms (999 pts)
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

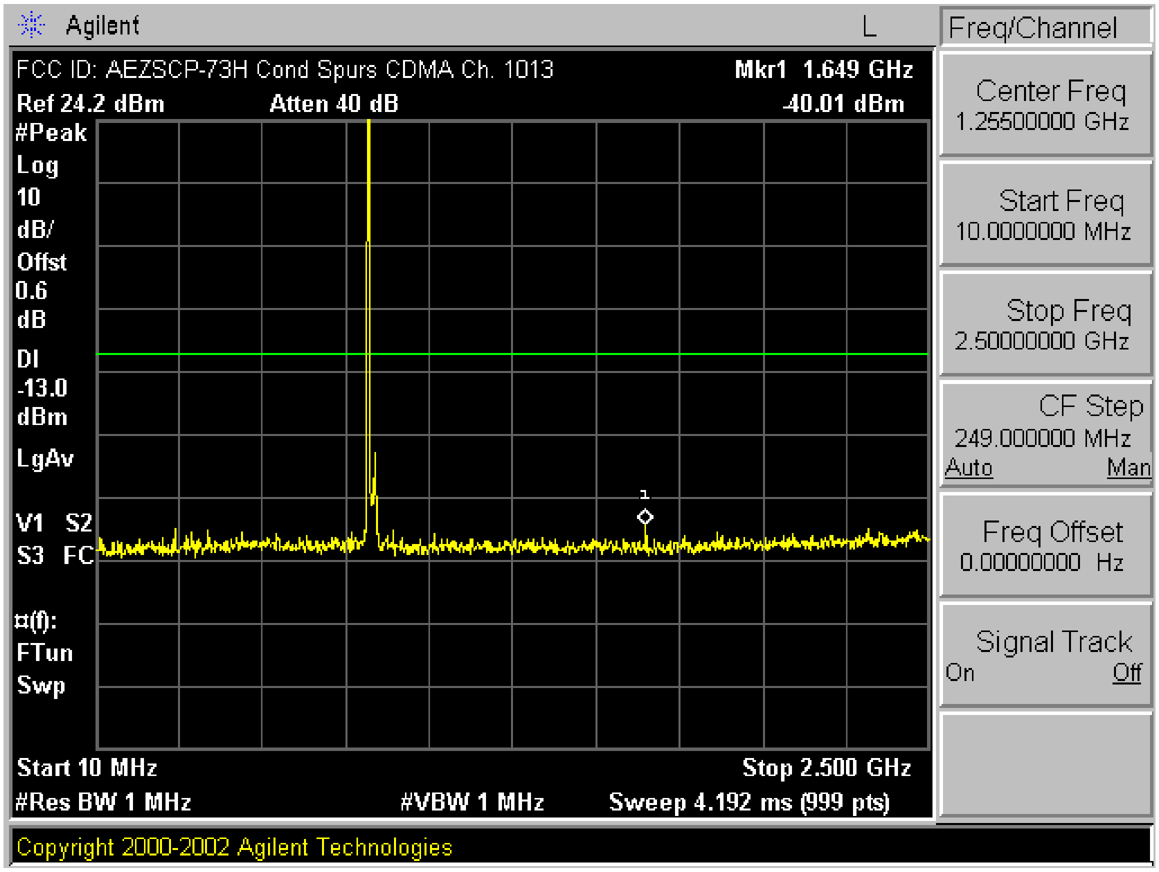

Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs FM Ch. 0991
Mkr1 7.738 GHz
Ref 25.3 dBm
Atten 40 dB
-35.48 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Center 6.250 GHz
Span 7.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 12.51 ms (999 pts)
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

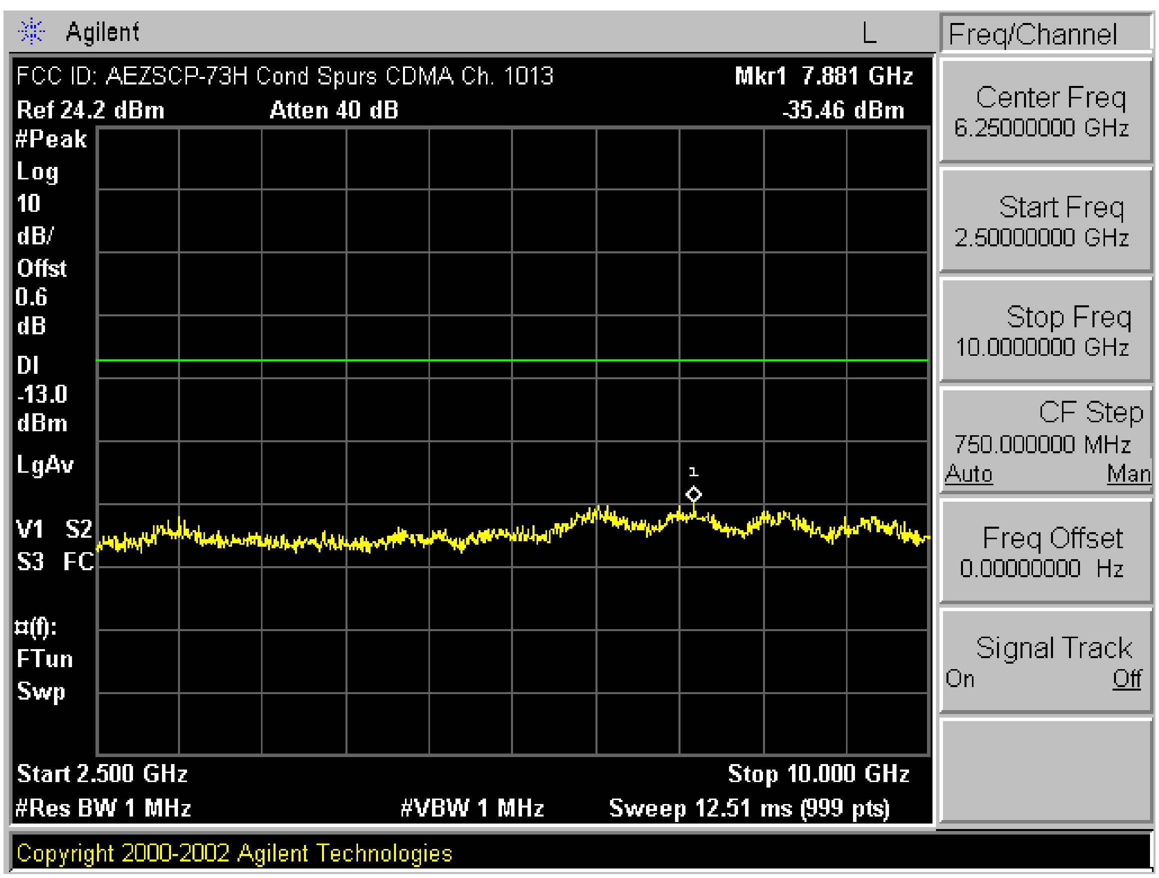

Agilent
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs FM Ch. 0383
Mkr1 1.869 GHz
Ref 25.3 dBm
Atten 40 dB
-40.65 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Center 1.255 GHz
Span 2.49 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.192 ms (999 pts)
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

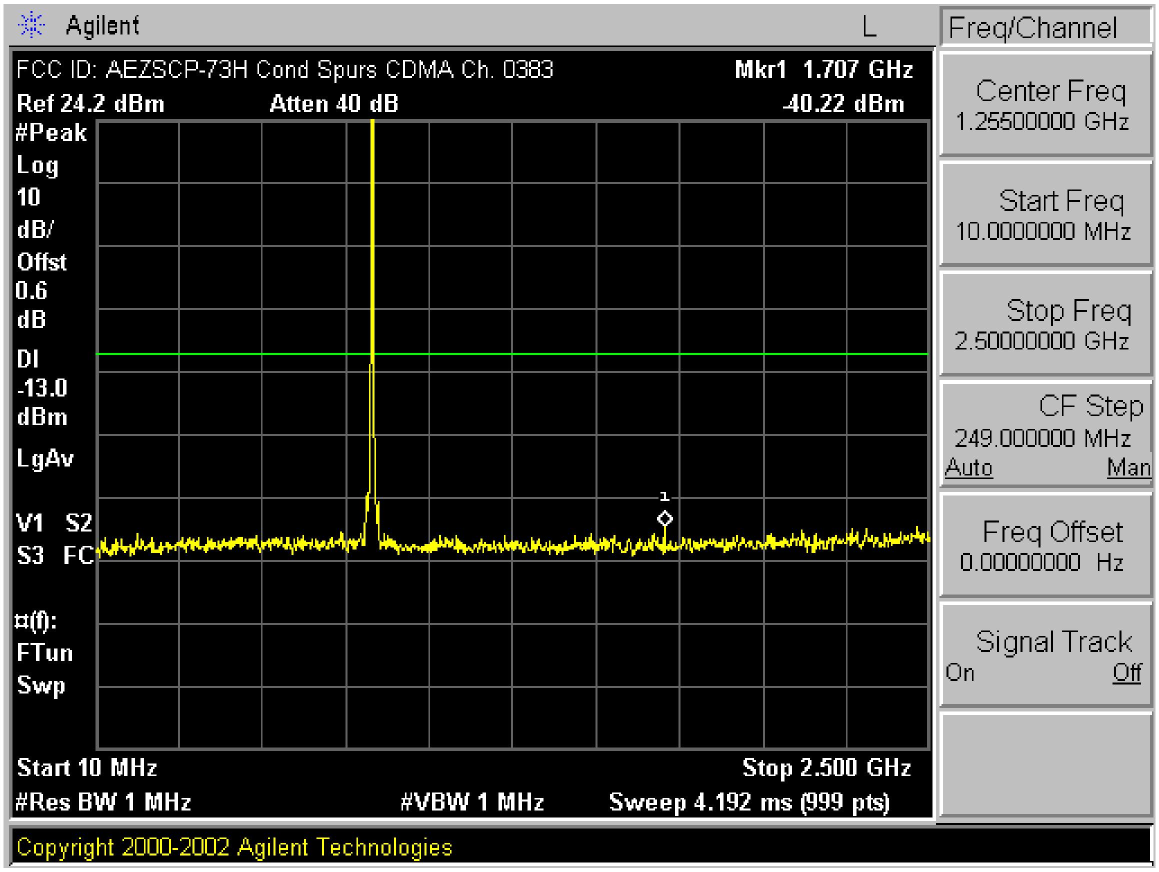

Agilent
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs FM Ch. 0383
Mkr1 7.843 GHz
Ref 25.3 dBm
Atten 40 dB
-35.85 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 2.500 GHz
Stop 10.000 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 12.51 ms (999 pts)
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

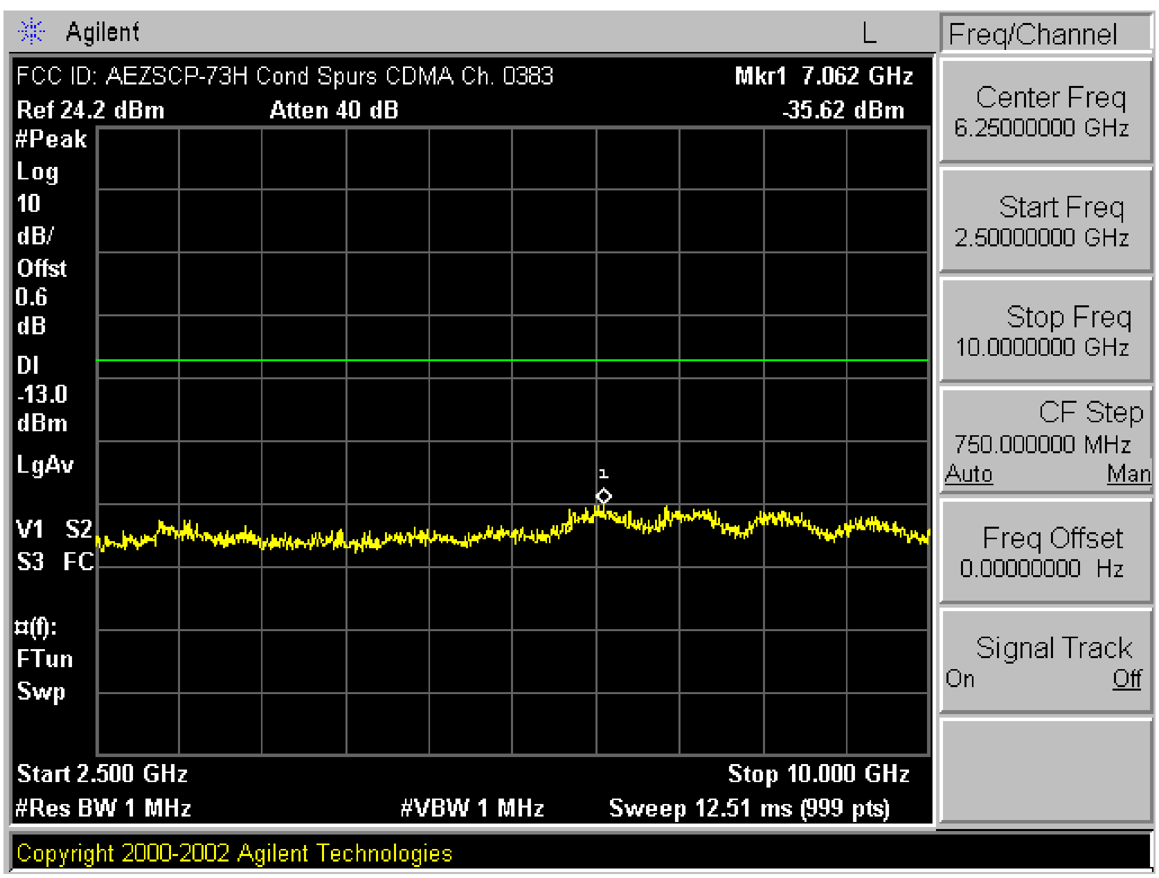

Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs FM Ch. 0799
Mkr1 1.699 GHz
Ref 25.3 dBm
Atten 40 dB
-39.31 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.192 ms (999 pts)
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

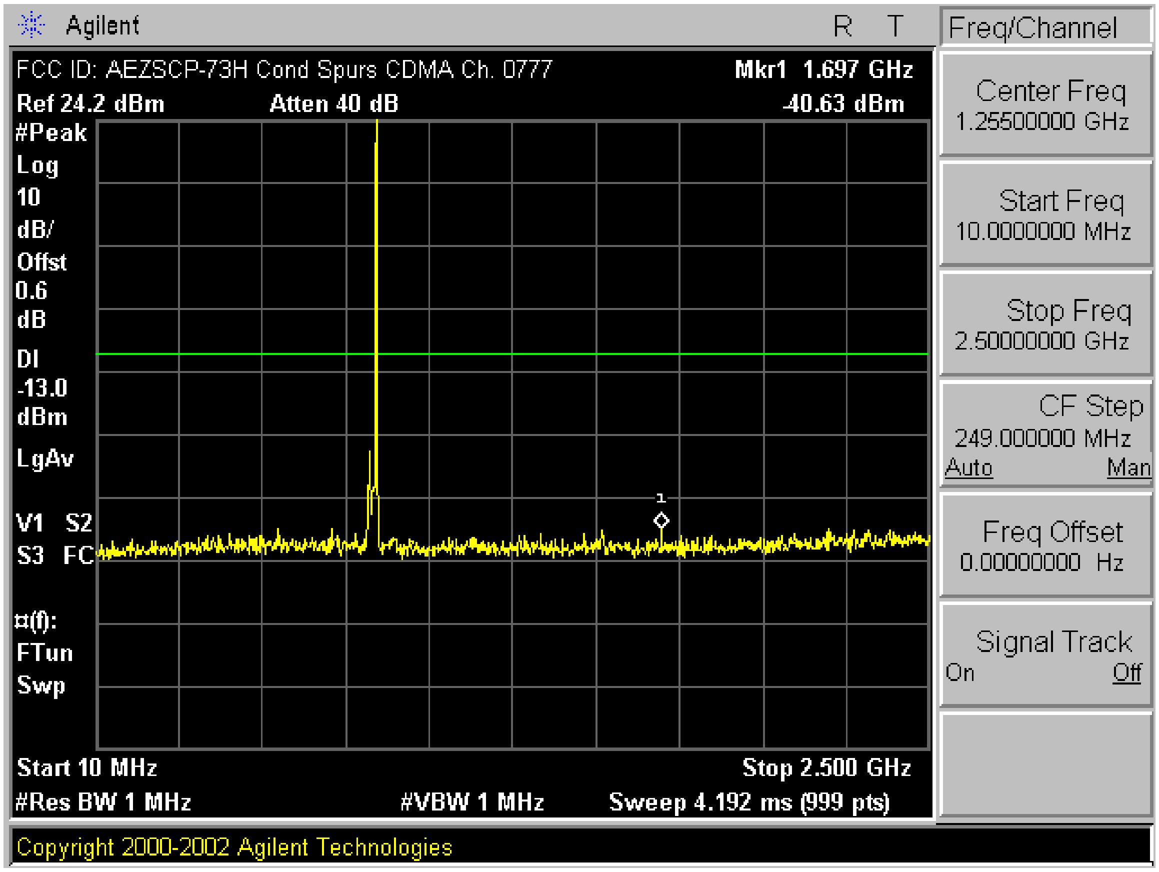

Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs FM Ch. 0799
Mkr1 7.903 GHz
Ref 25.3 dBm
Atten 40 dB
-35.83 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 2.500 GHz
Stop 10.000 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 12.51 ms (999 pts)
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

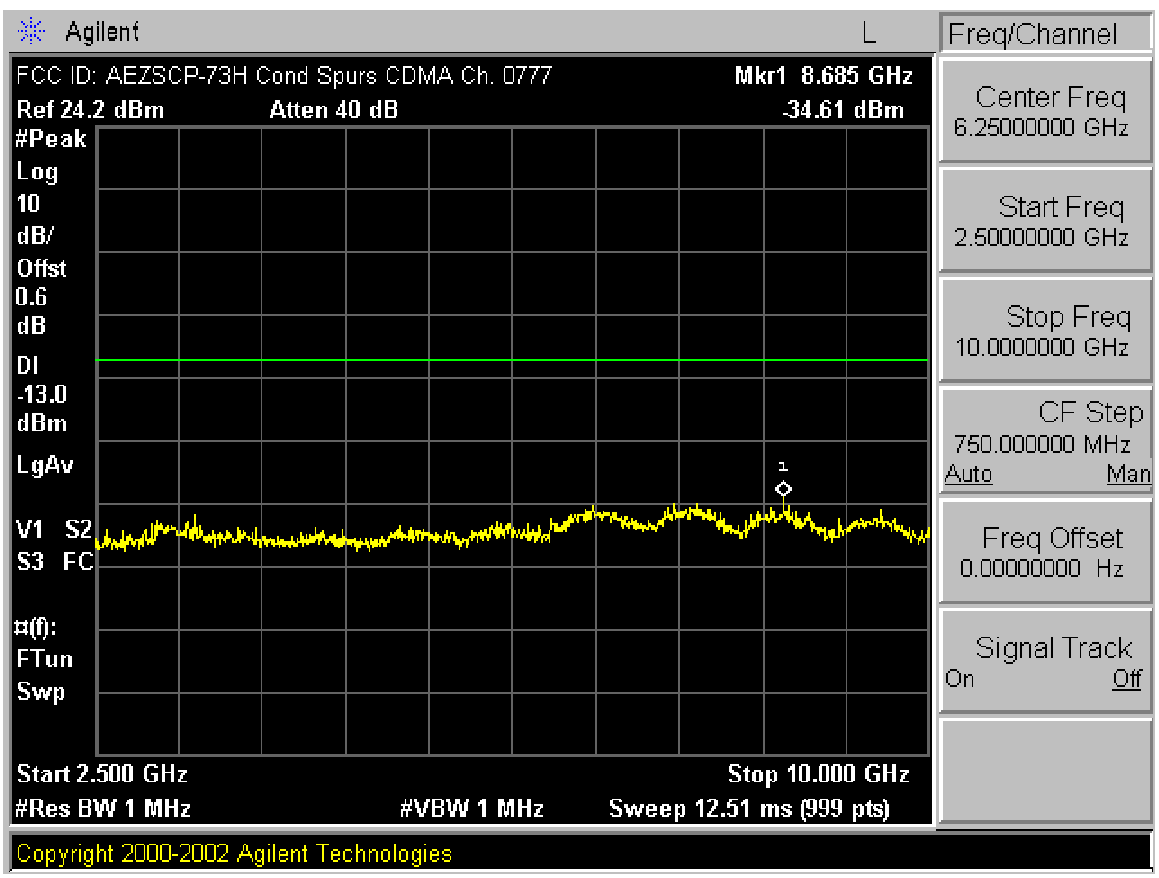

Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs CDMA Ch. 1013
Mkr1 1.649 GHz
Ref 24.2 dBm
Atten 40 dB
-40.01 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.192 ms (999 pts)
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

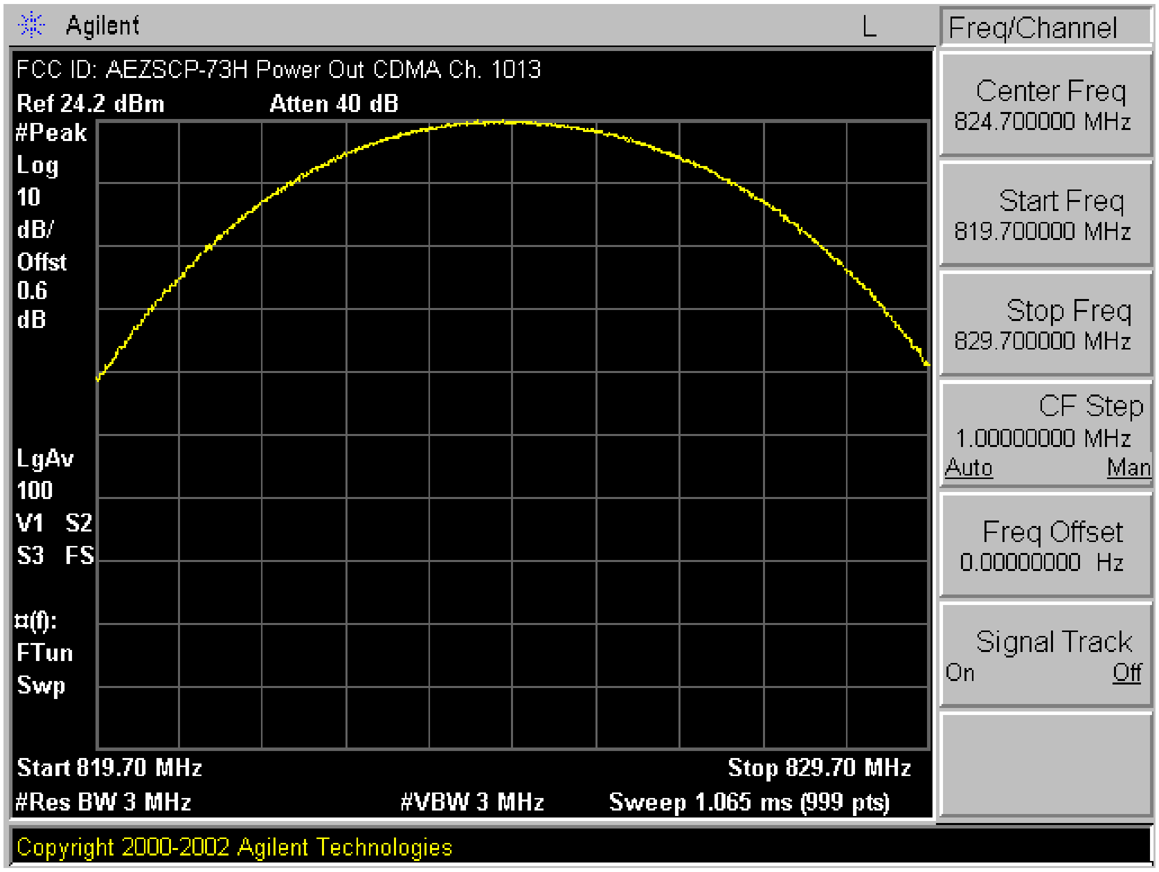

Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs CDMA Ch. 1013
Mkr1 7.881 GHz
Ref 24.2 dBm
Atten 40 dB
-35.46 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 2.500 GHz
Stop 10.000 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 12.51 ms (999 pts)
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

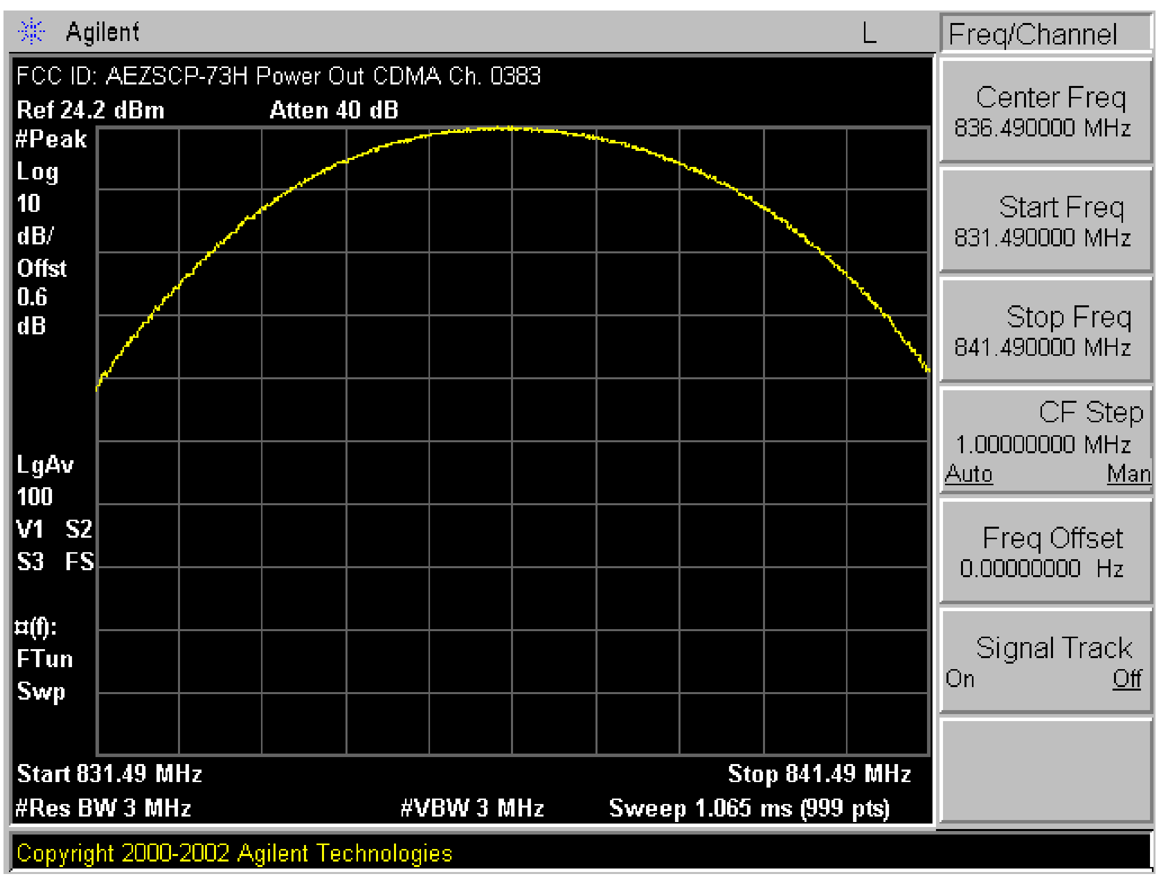

Agilent
L
FCC ID: AEZSCP-73H Cond Spurs CDMA Ch. 0383
Mkr1 1.707 GHz
Ref 24.2 dBm
Atten 40 dB
-40.22 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.192 ms (999 pts)
Copyright 2000-2002 Agilent Technologies
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off


Agilent
L
FCC ID: AEZSCP-73H Cond Spurs CDMA Ch. 0383
Mkr1 7.062 GHz
Ref 24.2 dBm
Atten 40 dB
-35.62 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 2.500 GHz
Stop 10.000 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 12.51 ms (999 pts)
Copyright 2000-2002 Agilent Technologies
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off


Agilent
R T
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs CDMA Ch. 0777
Mkr1 1.697 GHz
Ref 24.2 dBm
Atten 40 dB
-40.63 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.192 ms (999 pts)
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs CDMA Ch. 0777
Mkr1 8.685 GHz
Ref 24.2 dBm
Atten 40 dB
-34.61 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 2.500 GHz
Stop 10.000 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 12.51 ms (999 pts)
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies


Agilent
Freq/Channel
FCC ID: AEZSCP-73H Power Out CDMA Ch. 1013
Ref 24.2 dBm
Atten 40 dB
#Peak
Log
10
dB/
Offst
0.6
dB
LgAv
100
V1 S2
S3 FS
FTun
Swp
Center Freq
824.700000 MHz
Start Freq
819.700000 MHz
Stop Freq
829.700000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 819.70 MHz
Stop 829.70 MHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 1.065 ms (999 pts)
Copyright 2000-2002 Agilent Technologies


Agilent
Freq/Channel
FCC ID: AEZSCP-73H Power Out CDMA Ch. 0383
Ref 24.2 dBm
Atten 40 dB
#Peak
Log
10
dB/
Offst
0.6
dB
LgAv
100
V1 S2
S3 FS
FTun
Swp
Center Freq
836.490000 MHz
Start Freq
831.490000 MHz
Stop Freq
841.490000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 831.49 MHz
Stop 841.49 MHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 1.065 ms (999 pts)
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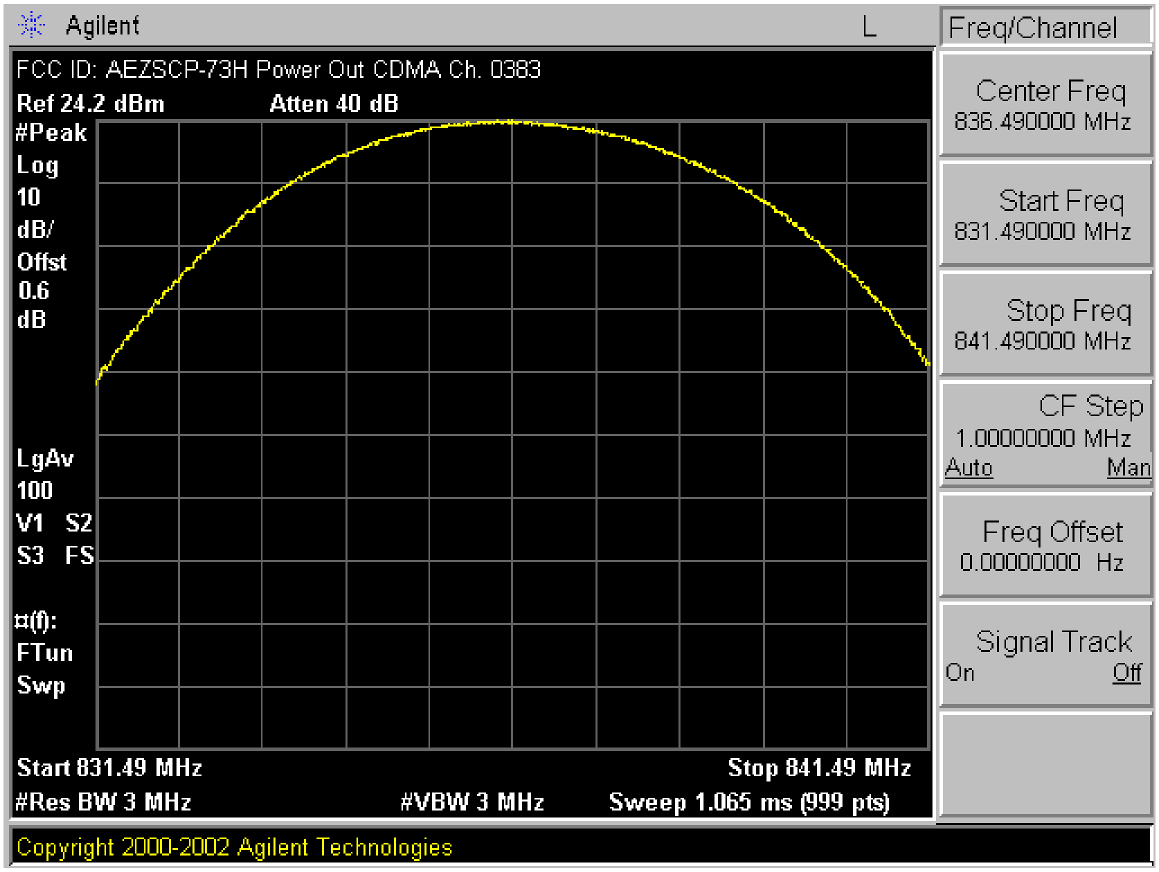
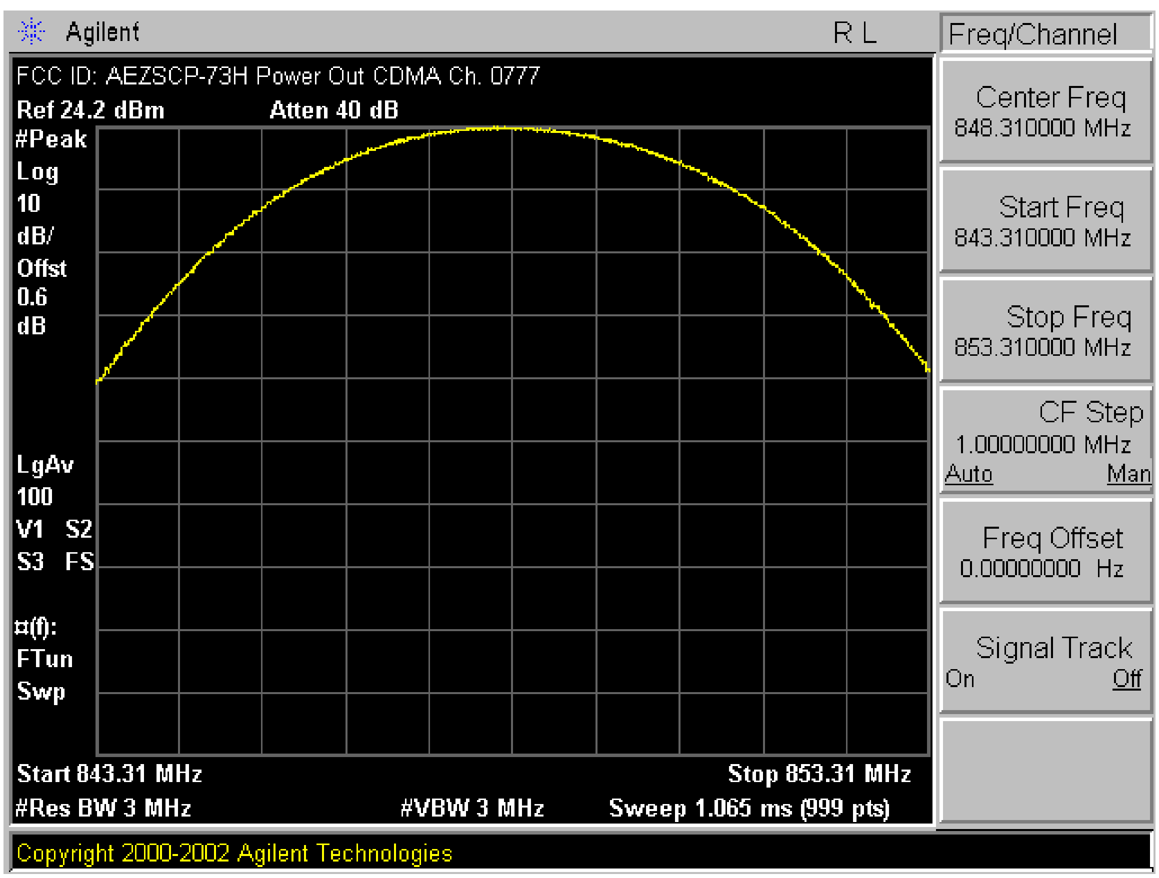
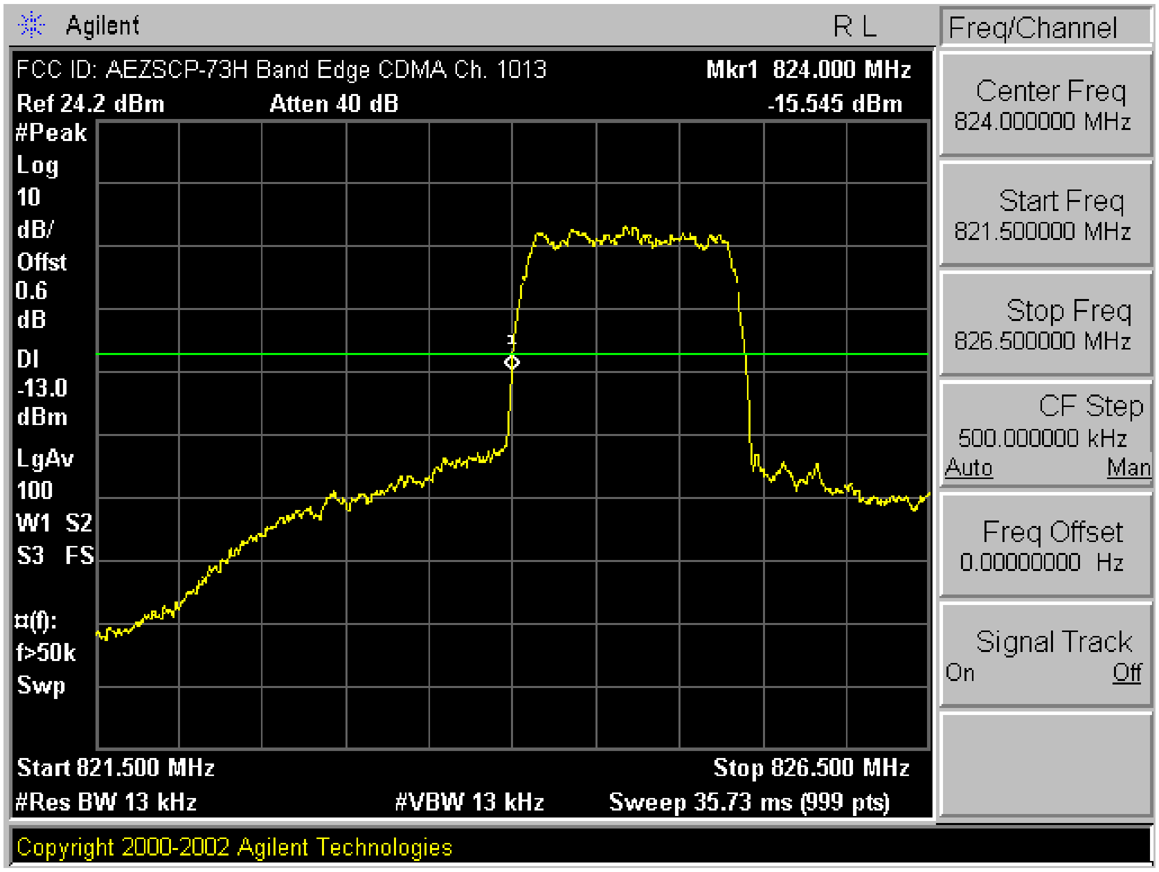
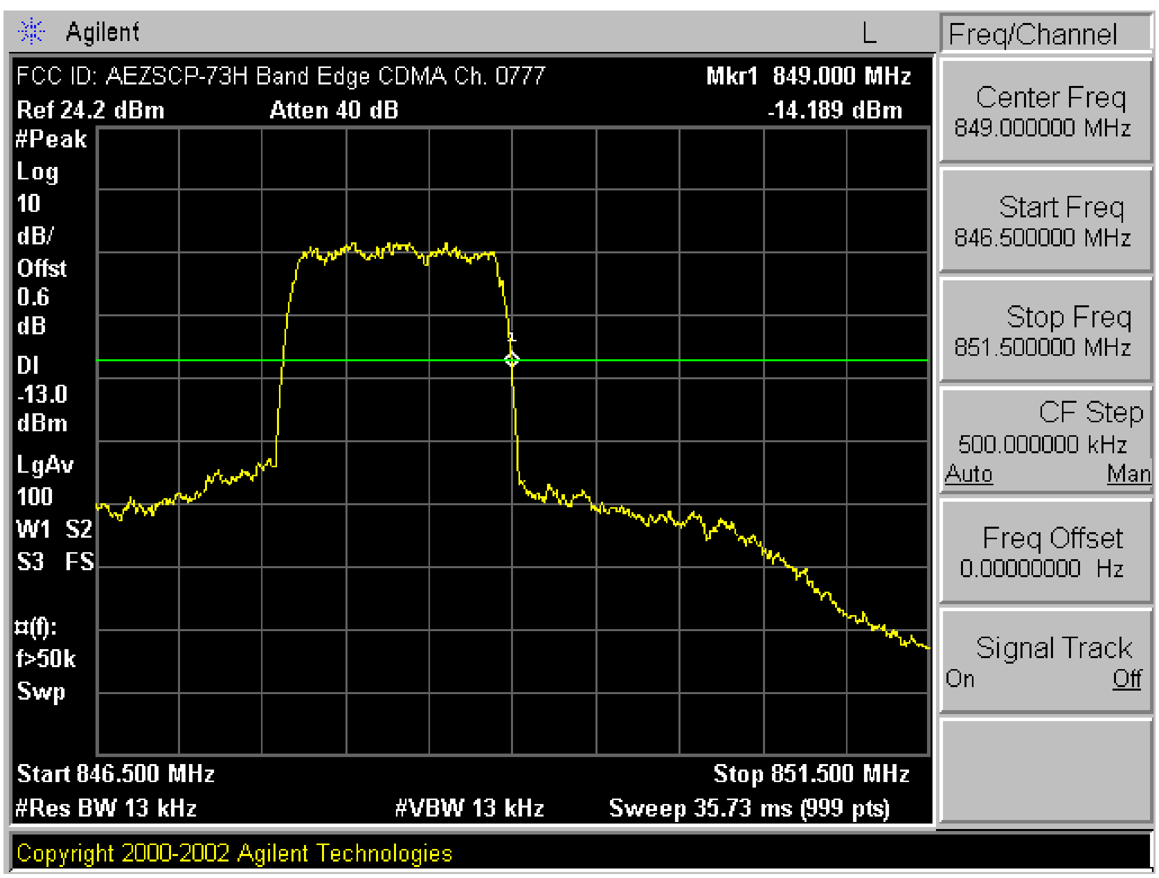
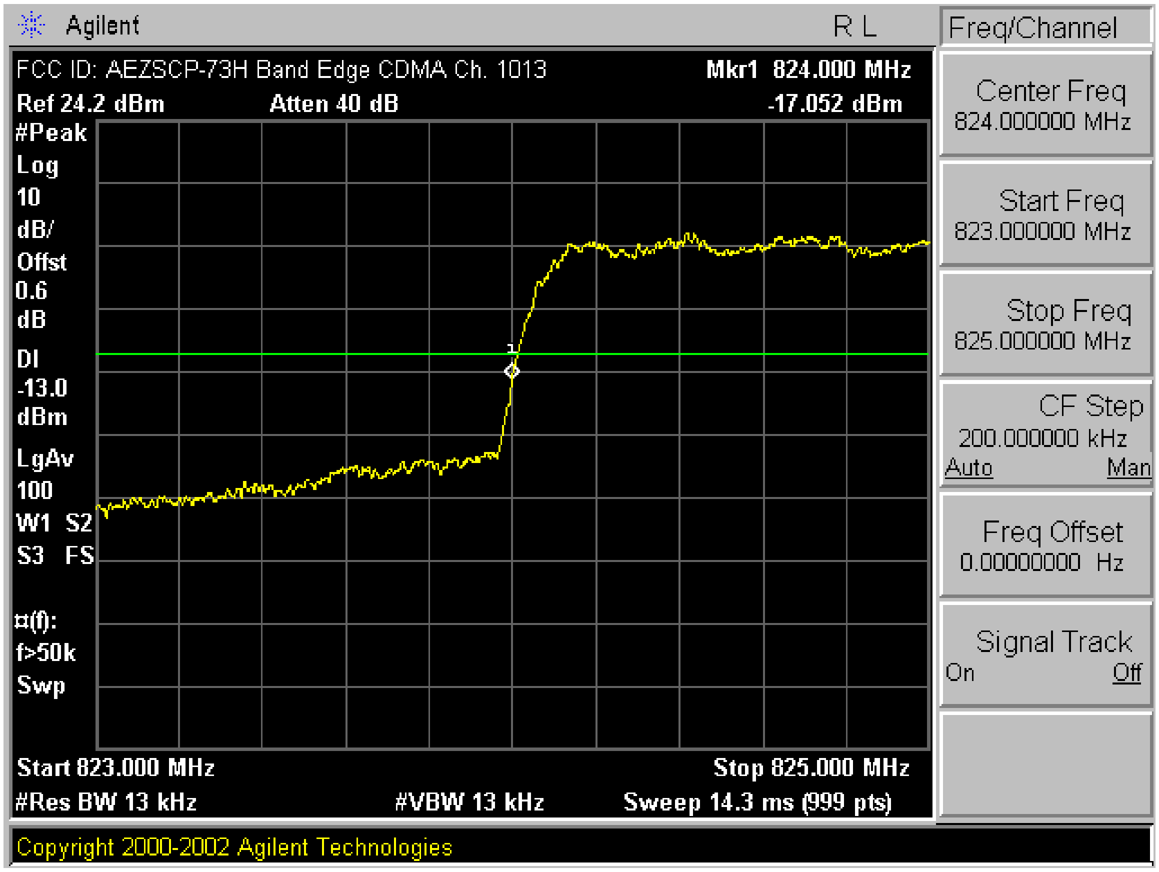
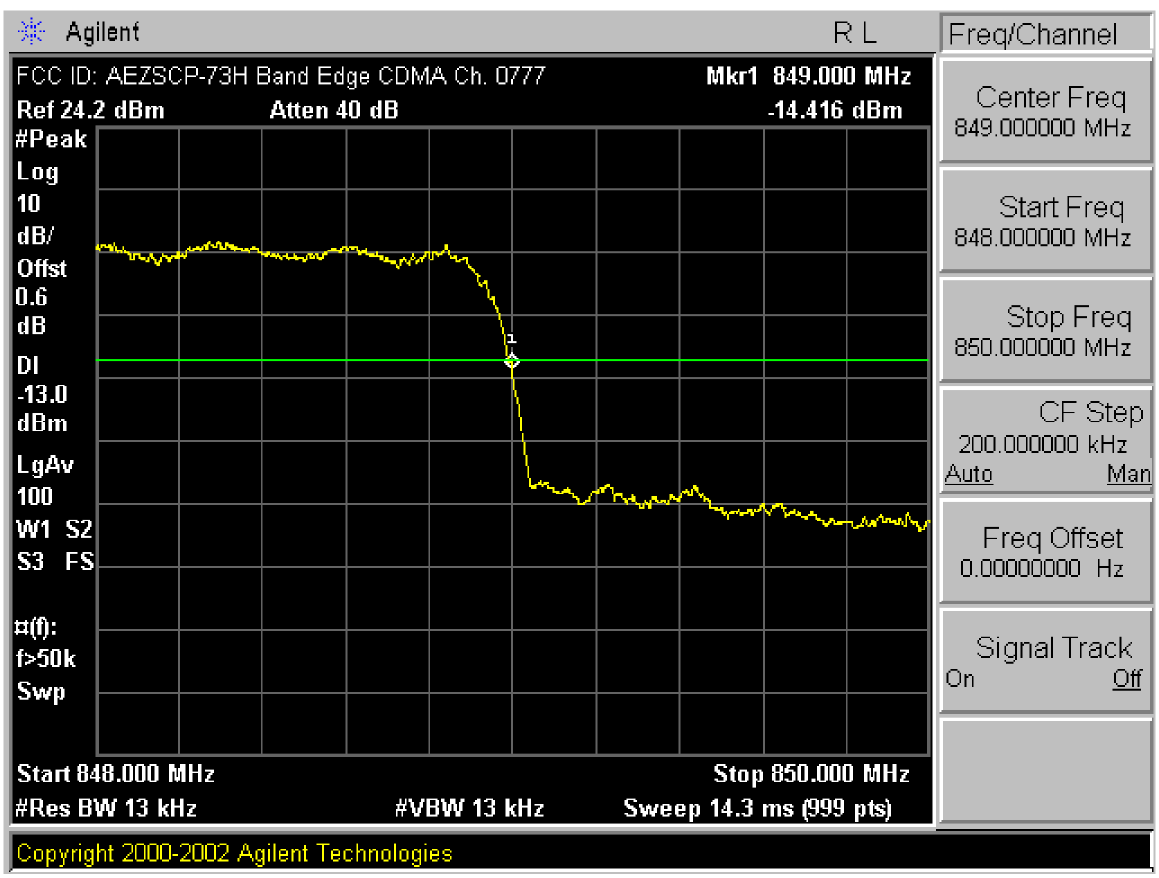

Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Power Out CDMA Ch. 0383
Ref 24.2 dBm
Atten 40 dB
#Peak
Log
10
dB/
Offst
0.6
dB
LgAv
100
V1 S2
S3 FS
¤(f):
FTun
Swp
Center Freq
836.490000 MHz
Start Freq
831.490000 MHz
Stop Freq
841.490000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 831.49 MHz
Stop 841.49 MHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 1.065 ms (999 pts)
Copyright 2000-2002 Agilent Technologies

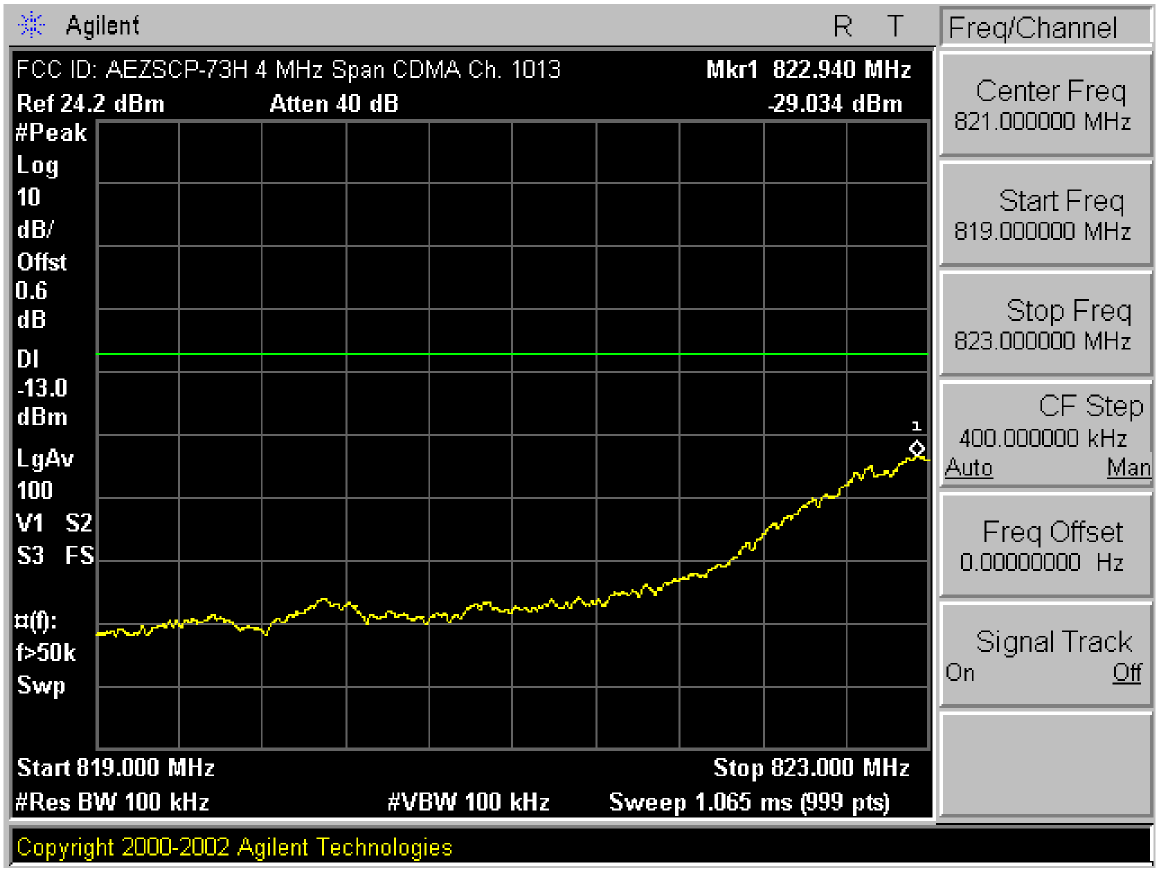

Agilent
R L
Freq/Channel
FCC ID: AEZSCP-73H Power Out CDMA Ch. 0777
Ref 24.2 dBm
Atten 40 dB
#Peak
Log
10
dB/
Offst
0.6
dB
LgAv
100
V1 S2
S3 FS
¤(f):
FTun
Swp
Center Freq
848.310000 MHz
Start Freq
843.310000 MHz
Stop Freq
853.310000 MHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 843.31 MHz
Stop 853.31 MHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 1.065 ms (999 pts)
Copyright 2000-2002 Agilent Technologies

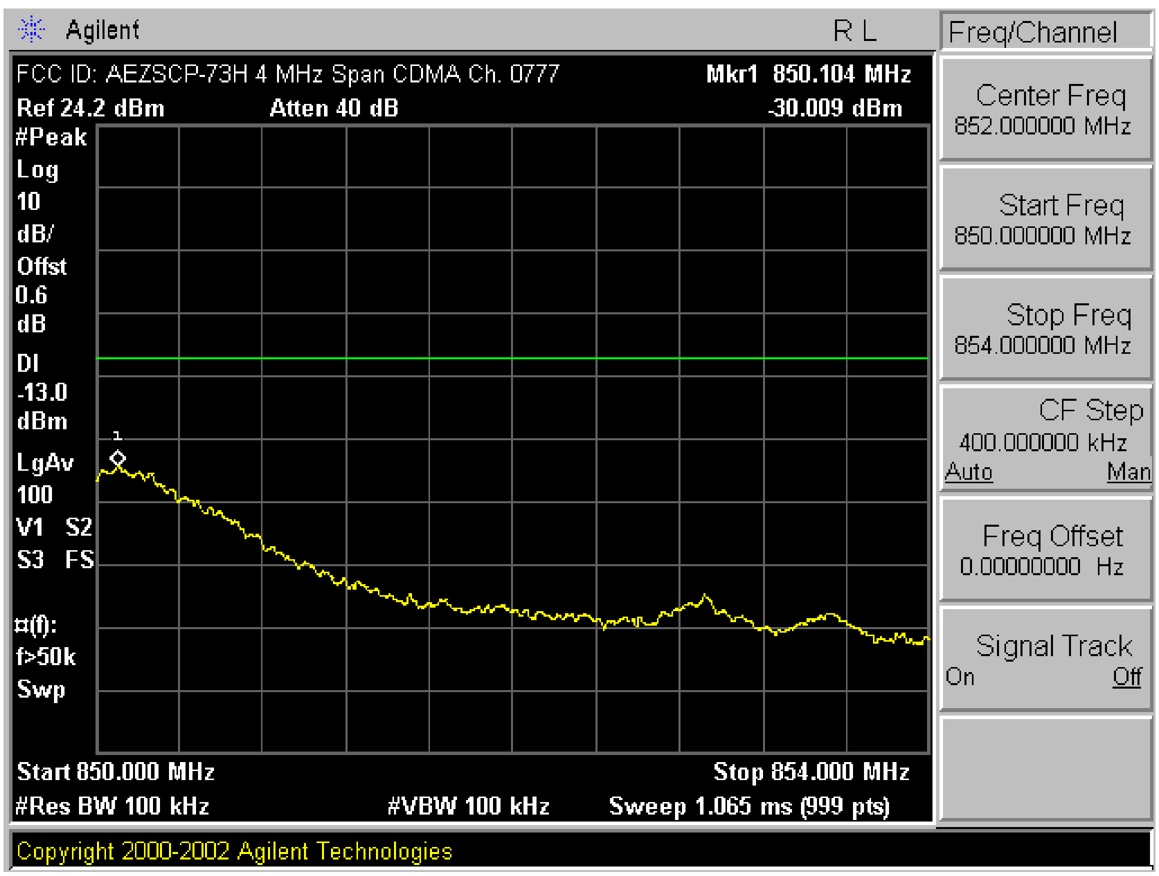

Agilent
R L
Freq/Channel
FCC ID: AEZSCP-73H Band Edge CDMA Ch. 1013
Mkr1 824.000 MHz
Ref 24.2 dBm
Atten 40 dB
-15.545 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
DI
-13.0
dBm
LgAv
100
W1 S2
S3 FS
¤(f):
f>50k
Swp
Start 821.500 MHz
Stop 826.500 MHz
#Res BW 13 kHz
#VBW 13 kHz
Sweep 35.73 ms (999 pts)
Center Freq
824.000000 MHz
Start Freq
821.500000 MHz
Stop Freq
826.500000 MHz
CF Step
500.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies

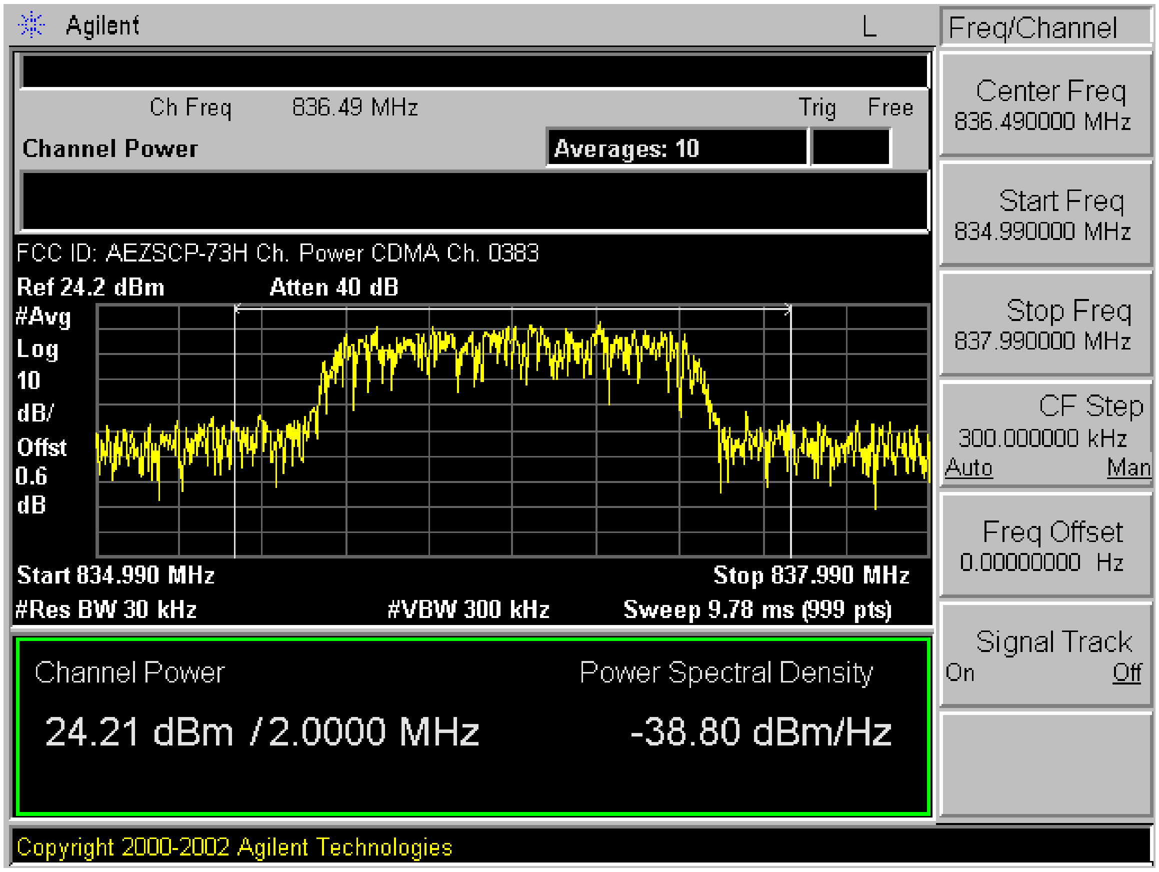

Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Band Edge CDMA Ch. 0777
Mkr1 849.000 MHz
Ref 24.2 dBm
Atten 40 dB
-14.189 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
DI
-13.0
dBm
LgAv
100
W1 S2
S3 FS
¤(f):
f>50k
Swp
Start 846.500 MHz
Stop 851.500 MHz
#Res BW 13 kHz
#VBW 13 kHz
Sweep 35.73 ms (999 pts)
Center Freq
849.000000 MHz
Start Freq
846.500000 MHz
Stop Freq
851.500000 MHz
CF Step
500.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies

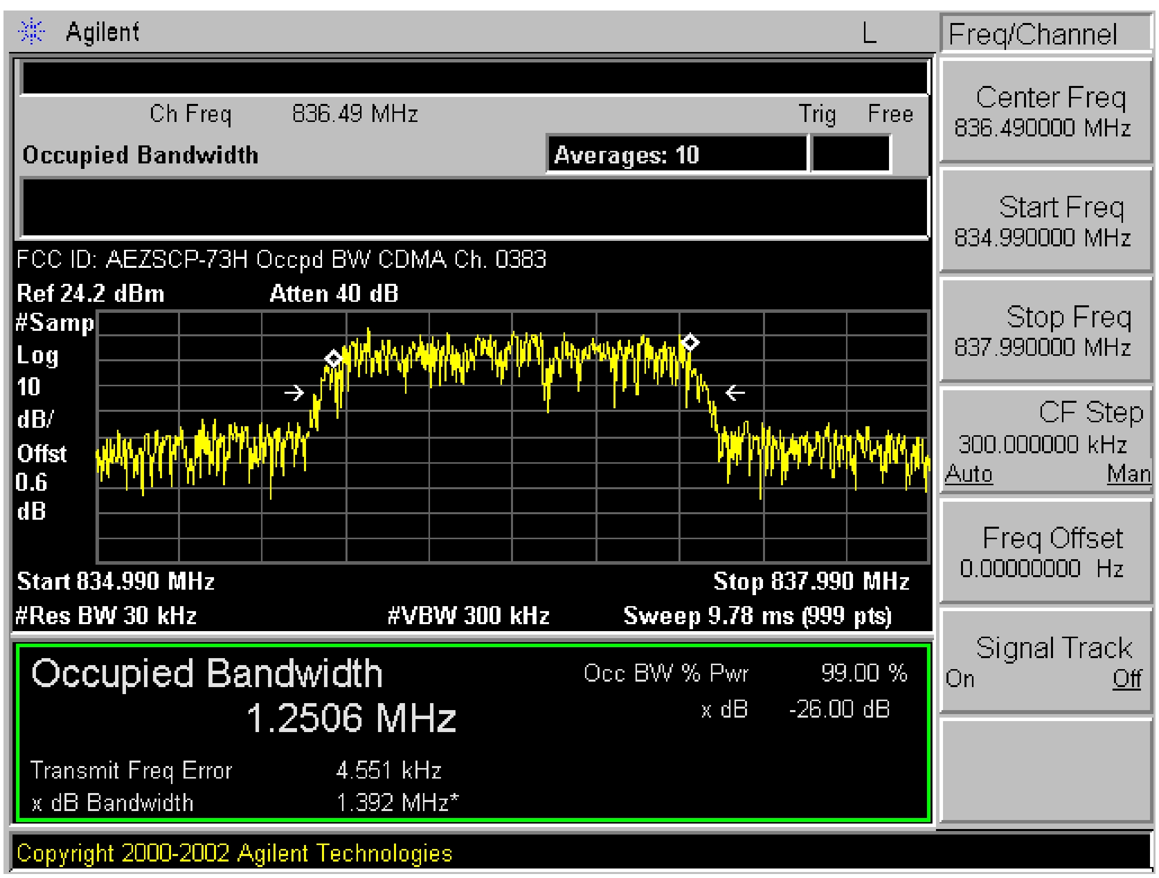

Agilent
R L
Freq/Channel
FCC ID: AEZSCP-73H Band Edge CDMA Ch. 1013
Mkr1 824.000 MHz
Ref 24.2 dBm
Atten 40 dB
-17.052 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
100
W1 S2
S3 FS
¤(f):
f>50k
Swp
Start 823.000 MHz
Stop 825.000 MHz
#Res BW 13 kHz
#VBW 13 kHz
Sweep 14.3 ms (999 pts)
Center Freq
824.000000 MHz
Start Freq
823.000000 MHz
Stop Freq
825.000000 MHz
CF Step
200.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

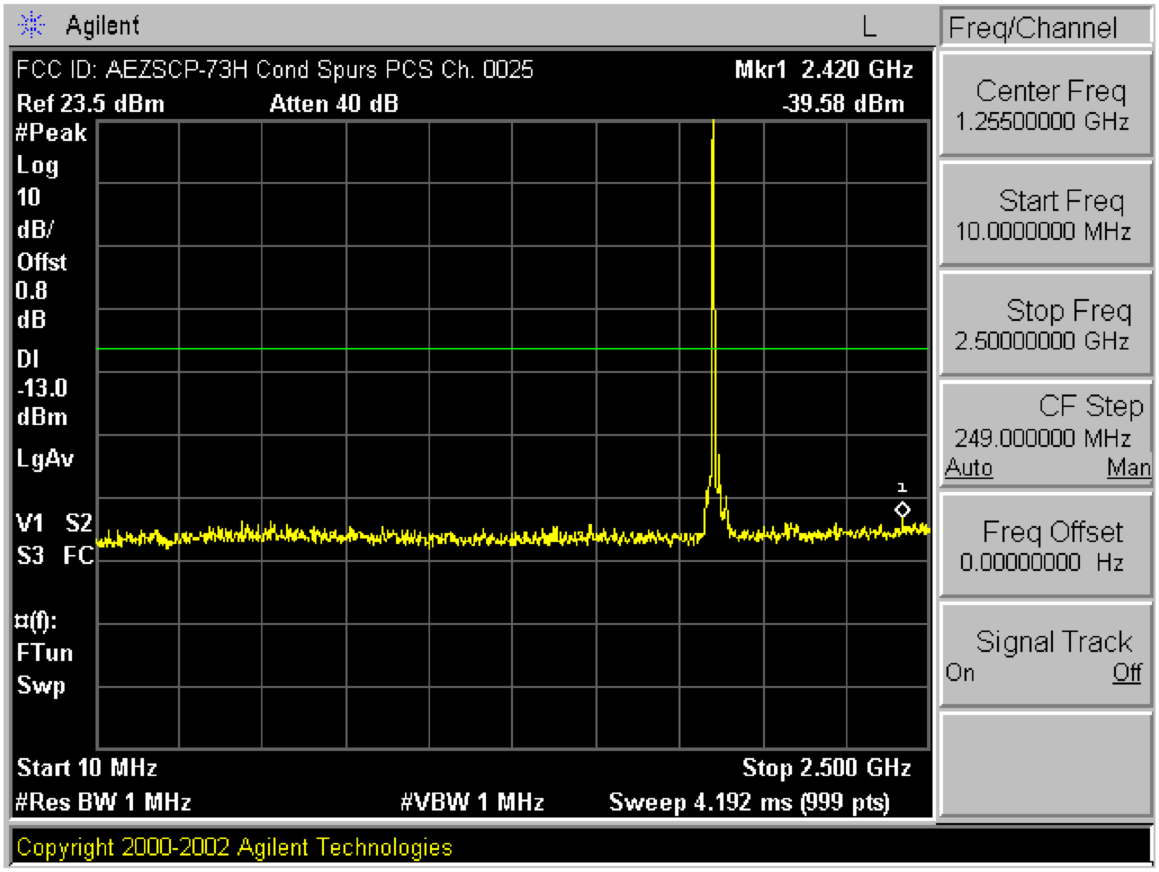

Agilent
R L
Freq/Channel
FCC ID: AEZSCP-73H Band Edge CDMA Ch. 0777
Mkr1 849.000 MHz
Ref 24.2 dBm
Atten 40 dB
-14.416 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
100
W1 S2
S3 FS
¤(f):
f>50k
Swp
Start 848.000 MHz
Stop 850.000 MHz
#Res BW 13 kHz
#VBW 13 kHz
Sweep 14.3 ms (999 pts)
Center Freq
849.000000 MHz
Start Freq
848.000000 MHz
Stop Freq
850.000000 MHz
CF Step
200.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

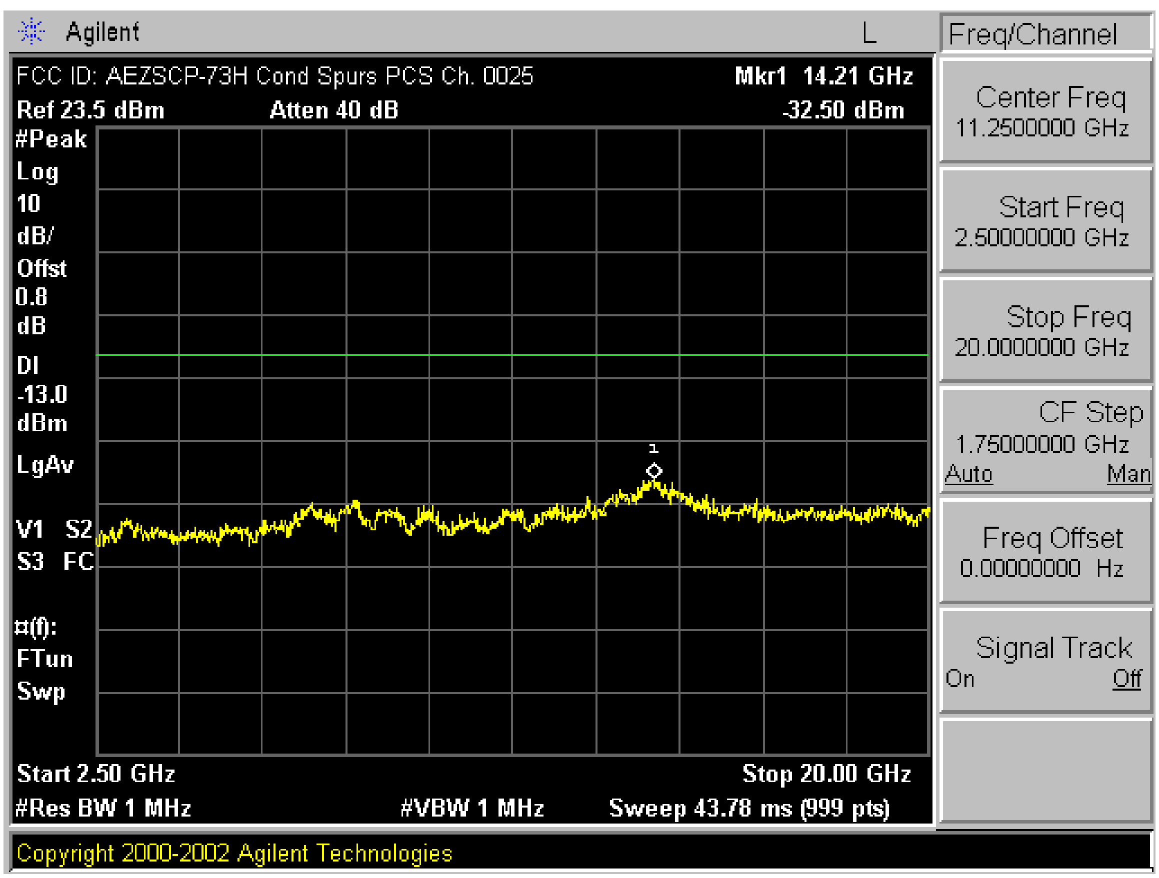

Agilent
R T
Freq/Channel
FCC ID: AEZSCP-73H 4 MHz Span CDMA Ch. 1013
Mkr1 822.940 MHz
Ref 24.2 dBm
Atten 40 dB
-29.034 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
100
V1 S2
S3 FS
¤(f):
f>50k
Swp
Start 819.000 MHz
Stop 823.000 MHz
#Res BW 100 kHz
#VBW 100 kHz
Sweep 1.065 ms (999 pts)
Center Freq
821.000000 MHz
Start Freq
819.000000 MHz
Stop Freq
823.000000 MHz
CF Step
400.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
R L
Freq/Channel
FCC ID: AEZSCP-73H 4 MHz Span CDMA Ch. 0777
Mkr1 850.104 MHz
Ref 24.2 dBm
Atten 40 dB
-30.009 dBm
#Peak
Log
10
dB/
Offst
0.6
dB
Dl
-13.0
dBm
LgAv
100
V1 S2
S3 FS
¤(f):
f>50k
Swp
Start 850.000 MHz
Stop 854.000 MHz
#Res BW 100 kHz
#VBW 100 kHz
Sweep 1.065 ms (999 pts)
Center Freq
852.000000 MHz
Start Freq
850.000000 MHz
Stop Freq
854.000000 MHz
CF Step
400.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
Freq/Channel
Ch Freq 836.49 MHz
Trig Free
Channel Power
Averages: 10
FCC ID: AEZSCP-73H Ch. Power CDMA Ch. 0383
Ref 24.2 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
0.6
dB
Start 834.990 MHz
Stop 837.990 MHz
#Res BW 30 kHz
#VBW 300 kHz
Sweep 9.78 ms (999 pts)
Channel Power
Power Spectral Density
24.21 dBm / 2.0000 MHz
-38.80 dBm/Hz
Center Freq
836.490000 MHz
Start Freq
834.990000 MHz
Stop Freq
837.990000 MHz
CF Step
300.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
Freq/Channel
Ch Freq 836.49 MHz
Trig Free
Occupied Bandwidth
Averages: 10
FCC ID: AEZSCP-73H Occpd BW CDMA Ch. 0383
Ref 24.2 dBm
Atten 40 dB
#Samp
Log
10
dB/
Offst
0.6
dB
Start 834.990 MHz
Stop 837.990 MHz
#Res BW 30 kHz
#VBW 300 kHz
Sweep 9.78 ms (999 pts)
Occupied Bandwidth
1.2506 MHz
Occ BW % Pwr 99.00 %
x dB -26.00 dB
Transmit Freq Error 4.551 kHz
x dB Bandwidth 1.392 MHz*
Center Freq
836.490000 MHz
Start Freq
834.990000 MHz
Stop Freq
837.990000 MHz
CF Step
300.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs PCS Ch. 0025
Mkr1 2.420 GHz
Ref 23.5 dBm
Atten 40 dB
-39.58 dBm
#Peak
Log
10
dB/
Offst
0.8
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.192 ms (999 pts)
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs PCS Ch. 0025
Mkr1 14.21 GHz
Ref 23.5 dBm
Atten 40 dB
-32.50 dBm
#Peak
Log
10
dB/
Offst
0.8
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 2.50 GHz
Stop 20.00 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 43.78 ms (999 pts)
Center Freq
11.2500000 GHz
Start Freq
2.50000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.75000000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
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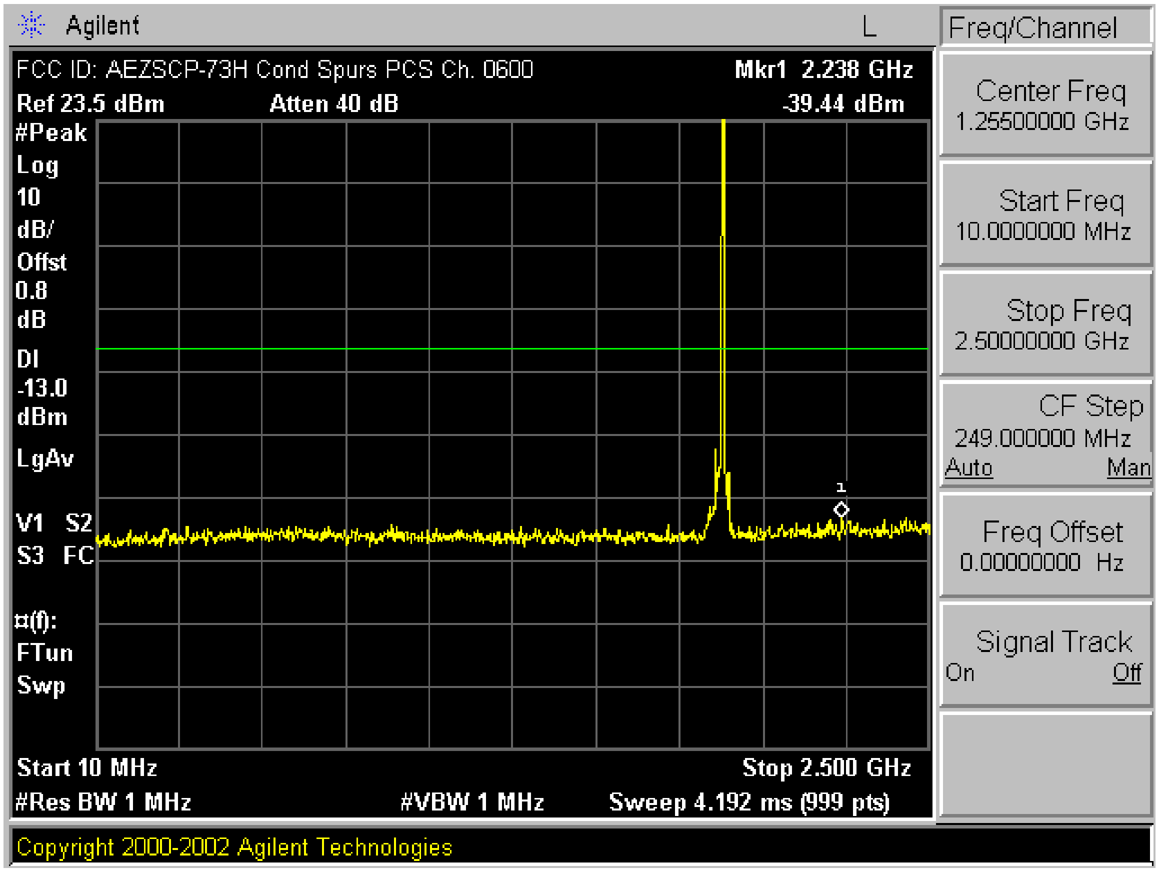
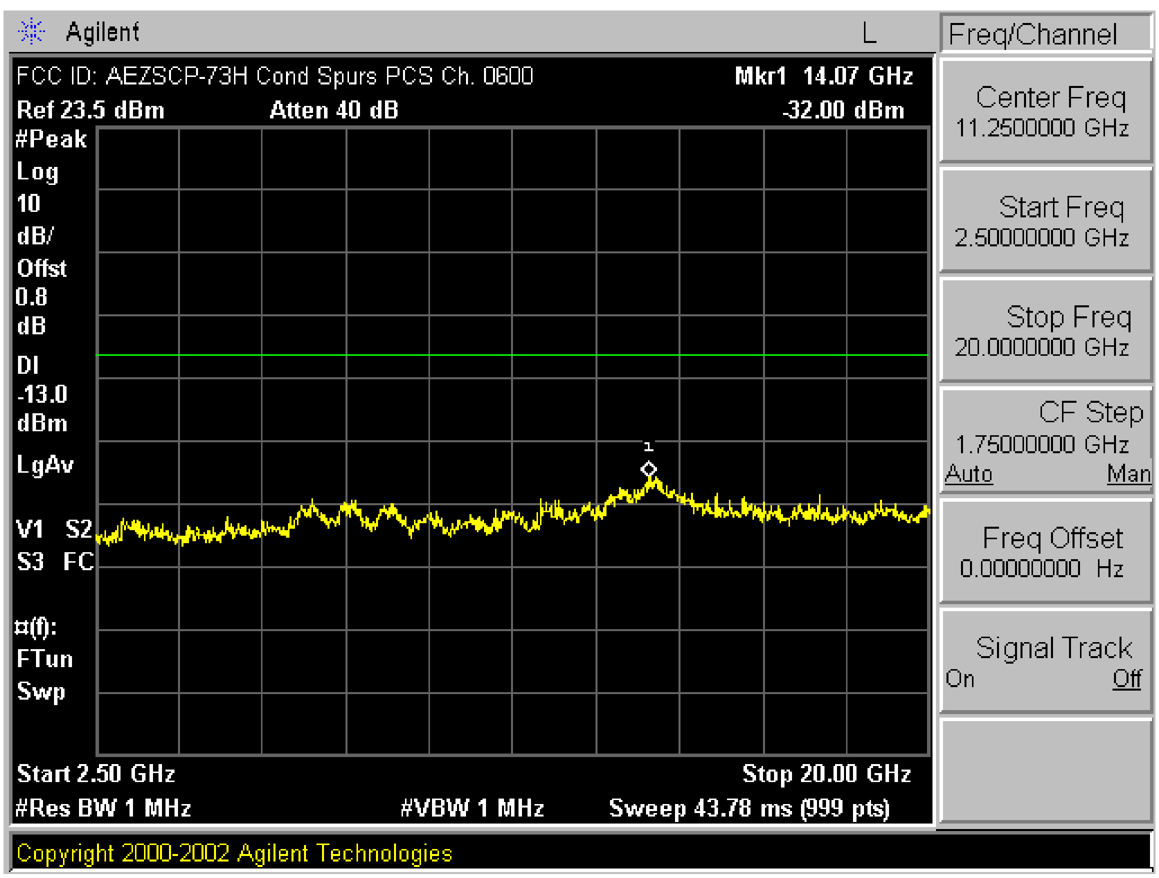

Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs PCS Ch. 0600
Mkr1 2.238 GHz
Ref 23.5 dBm
Atten 40 dB
-39.44 dBm
#Peak
Log
10
dB/
Offst
0.8
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.192 ms (999 pts)
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs PCS Ch. 0600
Mkr1 14.07 GHz
Ref 23.5 dBm
Atten 40 dB
-32.00 dBm
#Peak
Log
10
dB/
Offst
0.8
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 2.50 GHz
Stop 20.00 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 43.78 ms (999 pts)
Center Freq
11.2500000 GHz
Start Freq
2.50000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.75000000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
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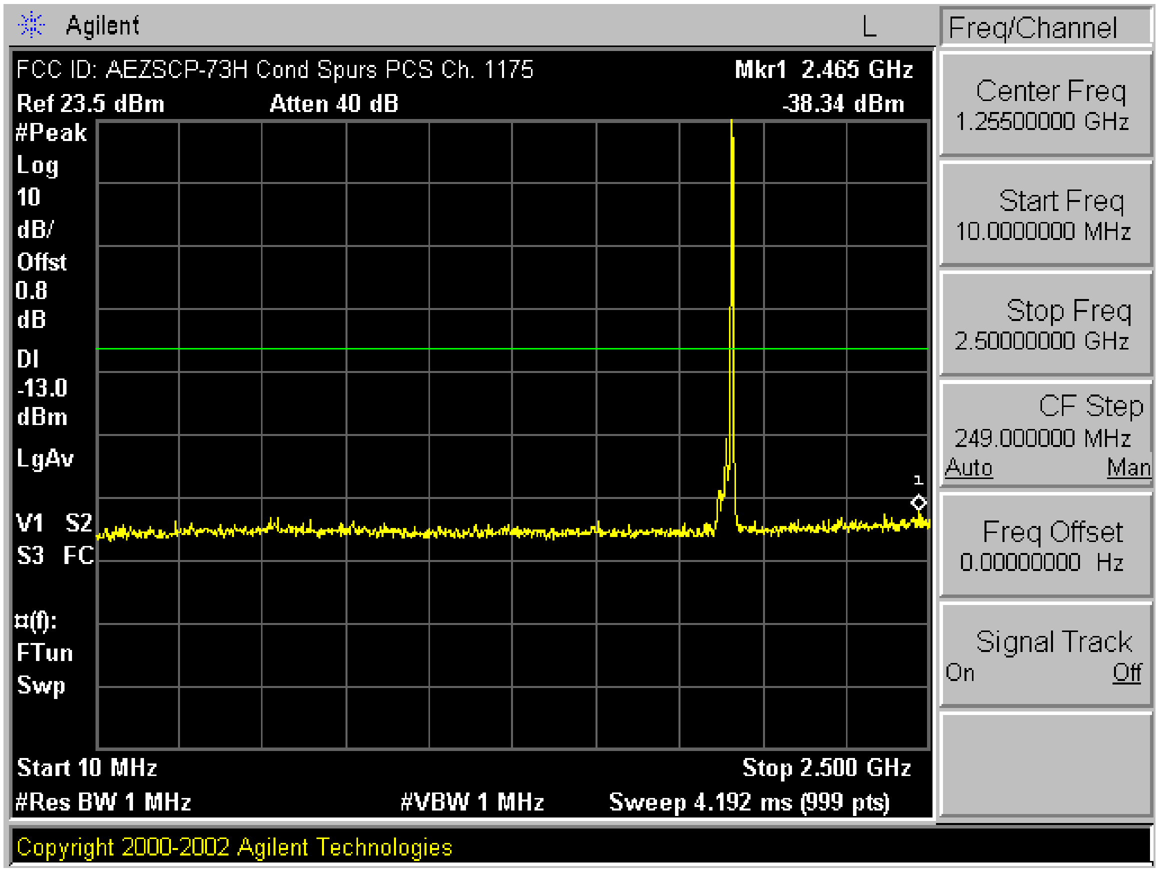
Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs PCS Ch. 1175
Mkr1 2.465 GHz
Ref 23.5 dBm
Atten 40 dB
-38.34 dBm
#Peak
Log
10
dB/
Offst
0.8
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
FTun
Swp
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.192 ms (999 pts)
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
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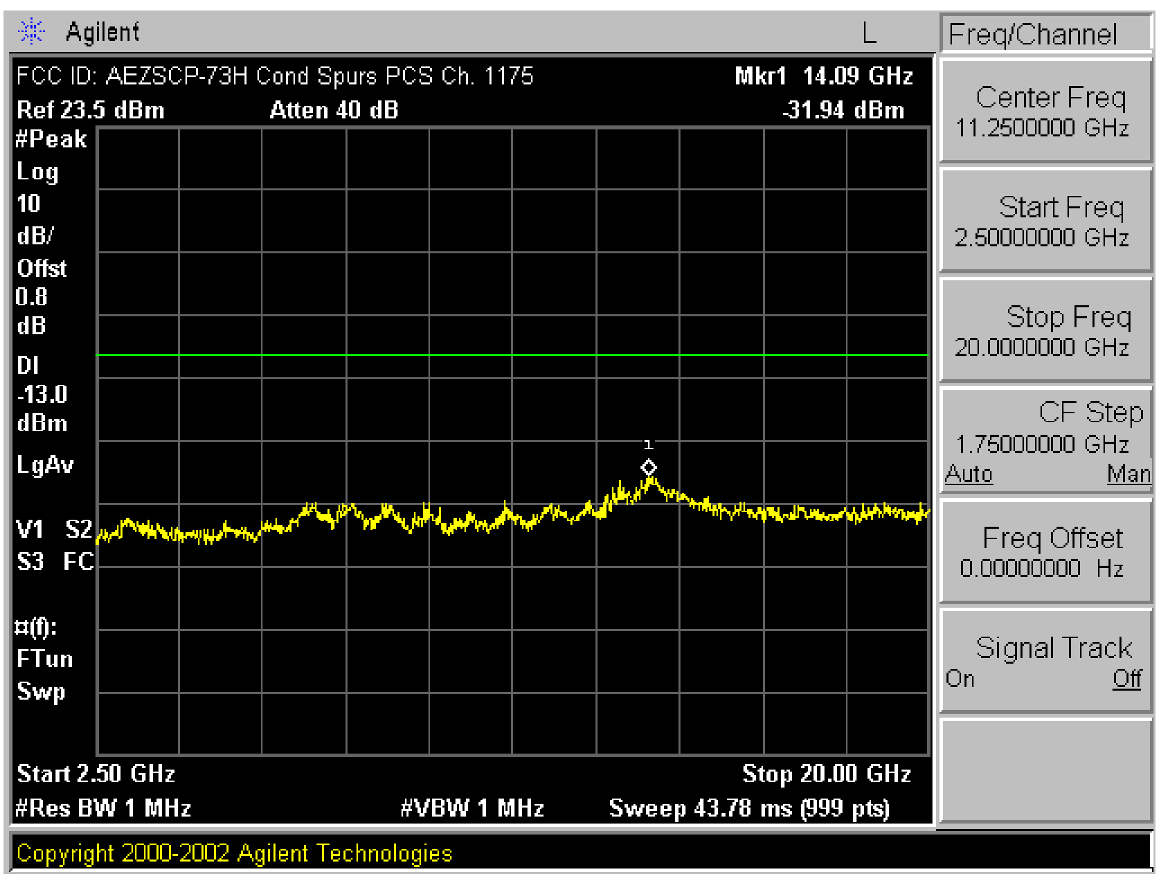
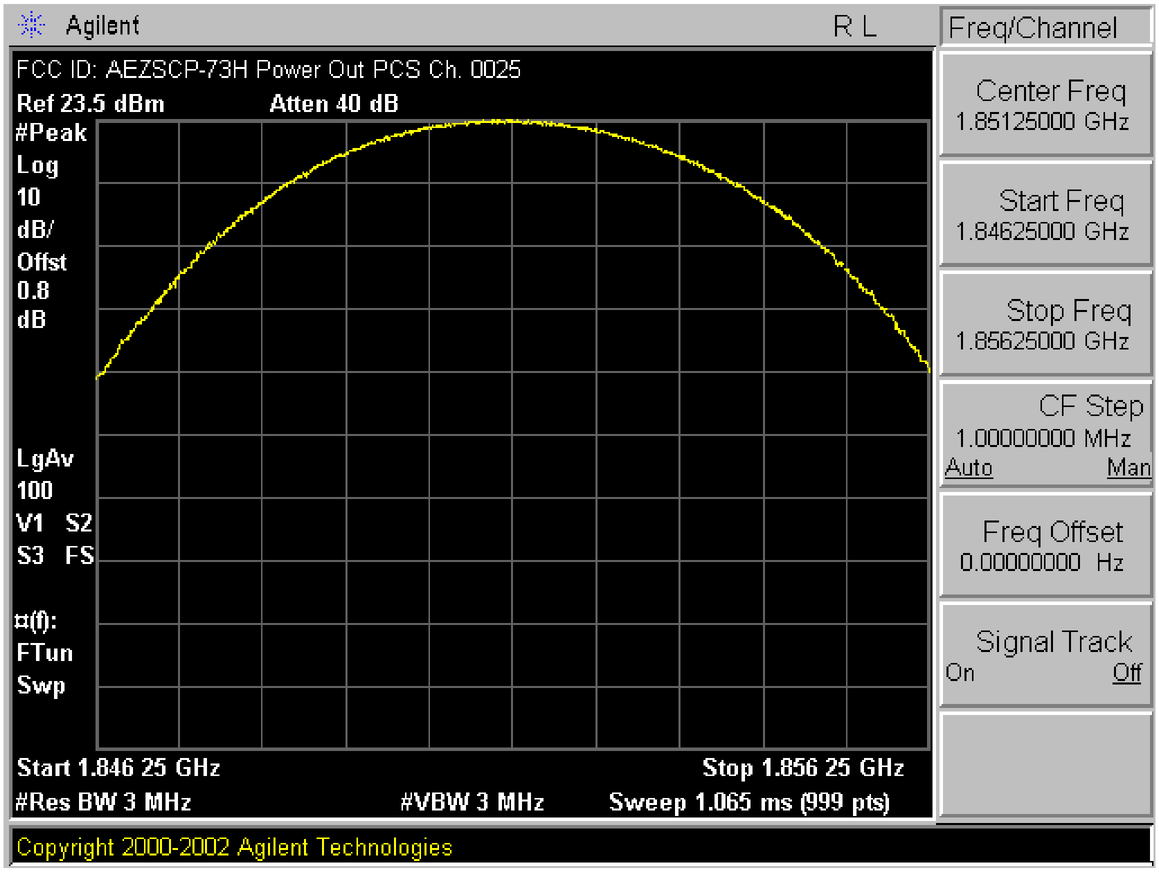

Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Cond Spurs PCS Ch. 1175
Mkr1 14.09 GHz
Ref 23.5 dBm
Atten 40 dB
-31.94 dBm
#Peak
Log
10
dB/
Offst
0.8
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
FTun
Swp
Start 2.50 GHz
Stop 20.00 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 43.78 ms (999 pts)
Center Freq
11.2500000 GHz
Start Freq
2.50000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.75000000 GHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
R L
FCC ID: AEZSCP-73H Power Out PCS Ch. 0025
Ref 23.5 dBm
Atten 40 dB
#Peak
Log
10
dB/
Offst
0.8
dB
LgAv
100
V1 S2
S3 FS
¤(f):
FTun
Swp
Start 1.846 25 GHz
Stop 1.856 25 GHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 1.065 ms (999 pts)
Freq/Channel
Center Freq
1.85125000 GHz
Start Freq
1.84625000 GHz
Stop Freq
1.85625000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
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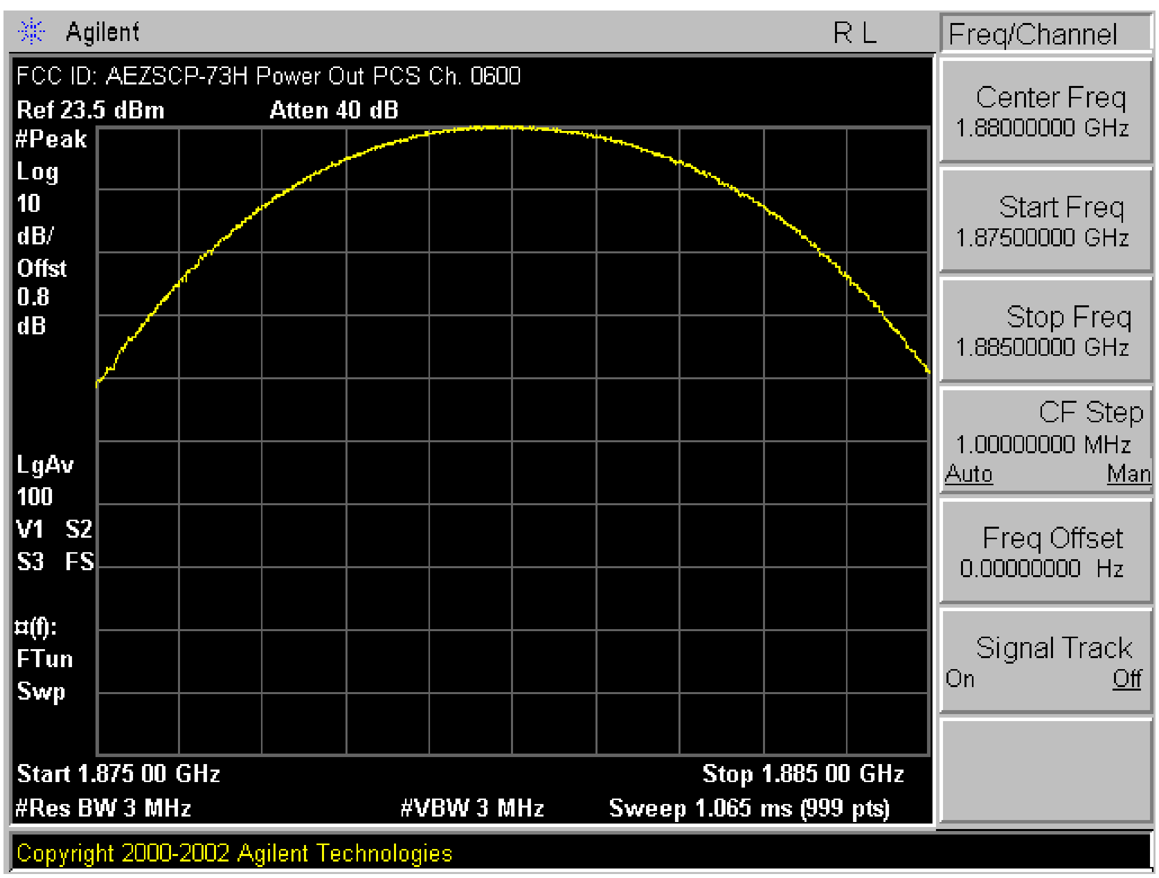
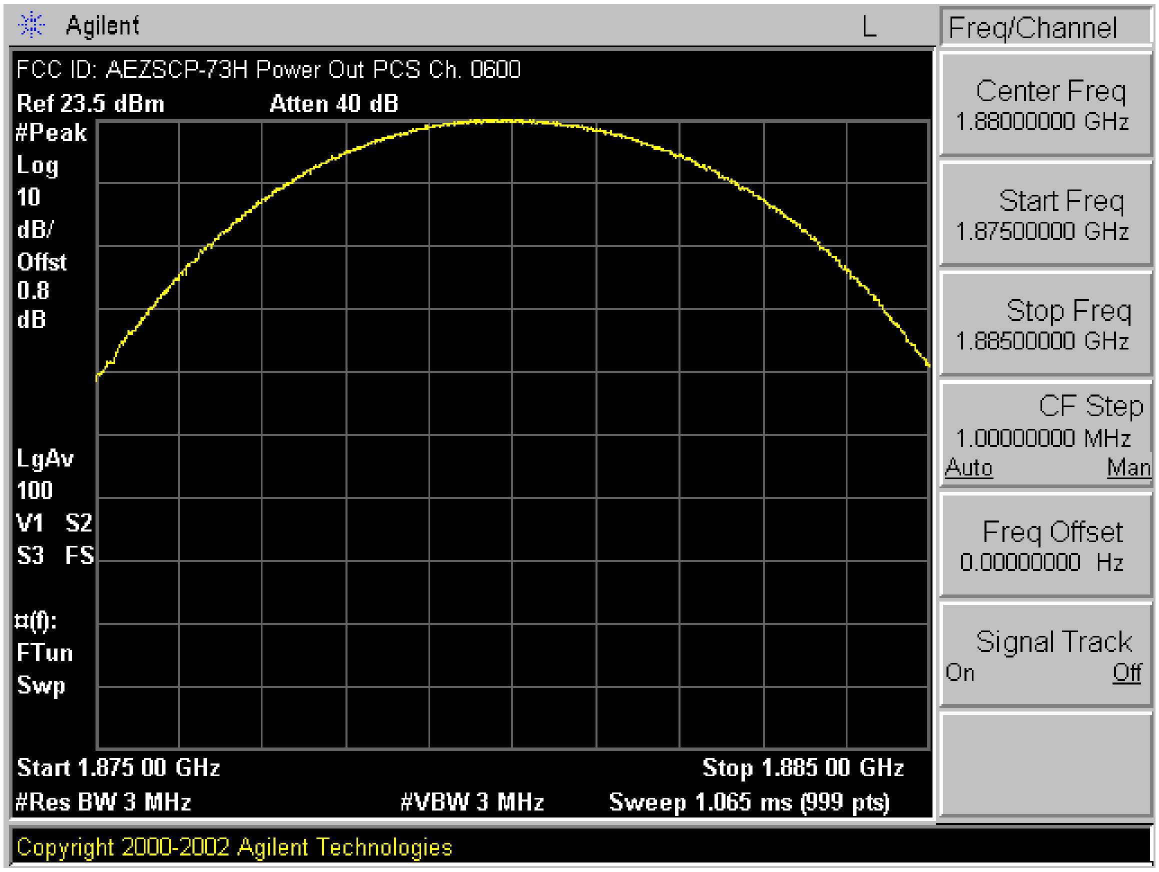

Agilent
R L
FCC ID: AEZSCP-73H Power Out PCS Ch. 0600
Ref 23.5 dBm
Atten 40 dB
#Peak
Log
10
dB/
Offst
0.8
dB
LgAv
100
V1 S2
S3 FS
¤(f):
FTun
Swp
Start 1.875 00 GHz
Stop 1.885 00 GHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 1.065 ms (999 pts)
Freq/Channel
Center Freq
1.88000000 GHz
Start Freq
1.87500000 GHz
Stop Freq
1.88500000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
Freq/Channel
FCC ID: AEZSCP-73H Power Out PCS Ch. 0600
Ref 23.5 dBm
Atten 40 dB
#Peak
Log
10
dB/
Offst
0.8
dB
LgAv
100
V1 S2
S3 FS
¤(f):
FTun
Swp
Center Freq
1.88000000 GHz
Start Freq
1.87500000 GHz
Stop Freq
1.88500000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 1.875 00 GHz
Stop 1.885 00 GHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 1.065 ms (999 pts)
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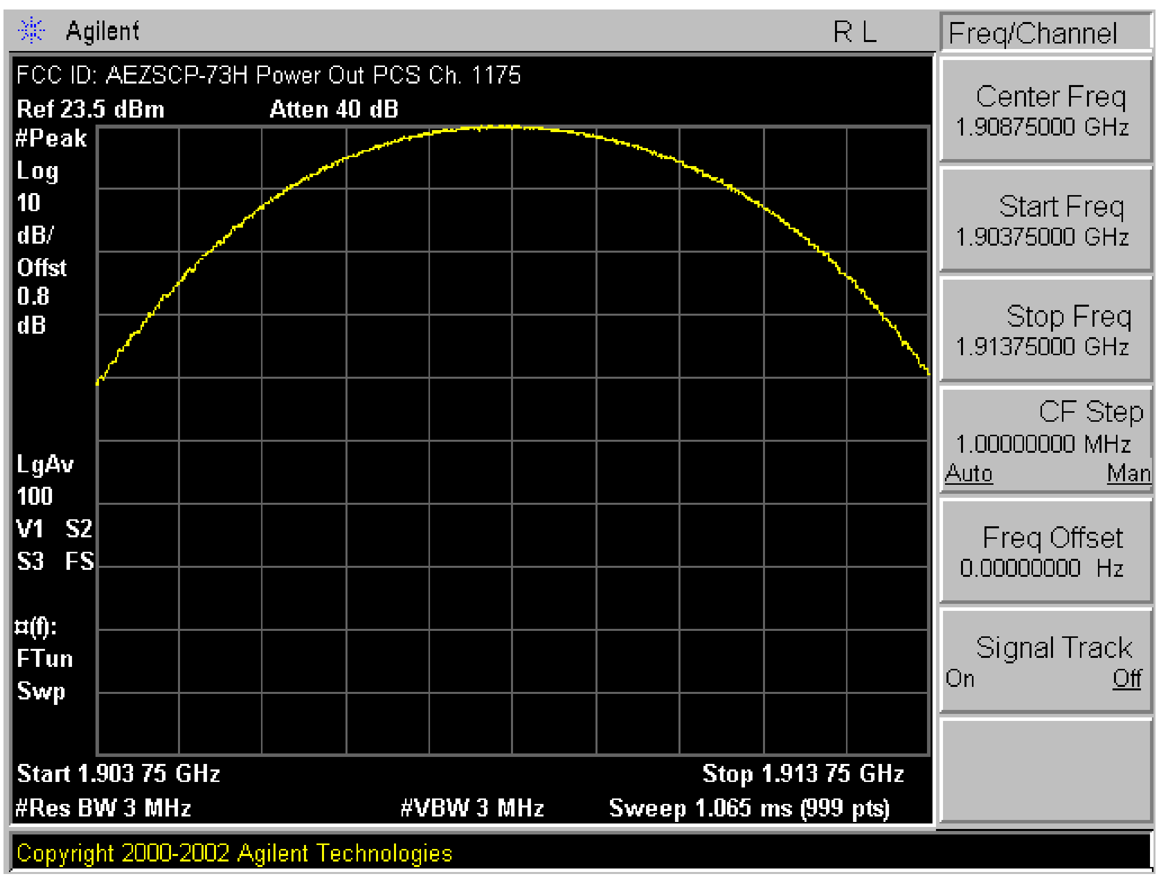
Agilent
R L
Freq/Channel
FCC ID: AEZSCP-73H Power Out PCS Ch. 1175
Ref 23.5 dBm
Atten 40 dB
#Peak
Log
10
dB/
Offst
0.8
dB
LgAv
100
V1 S2
S3 FS
¤(f):
FTun
Swp
Center Freq
1.90875000 GHz
Start Freq
1.90375000 GHz
Stop Freq
1.91375000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 1.903 75 GHz
Stop 1.913 75 GHz
#Res BW 3 MHz
#VBW 3 MHz
Sweep 1.065 ms (999 pts)
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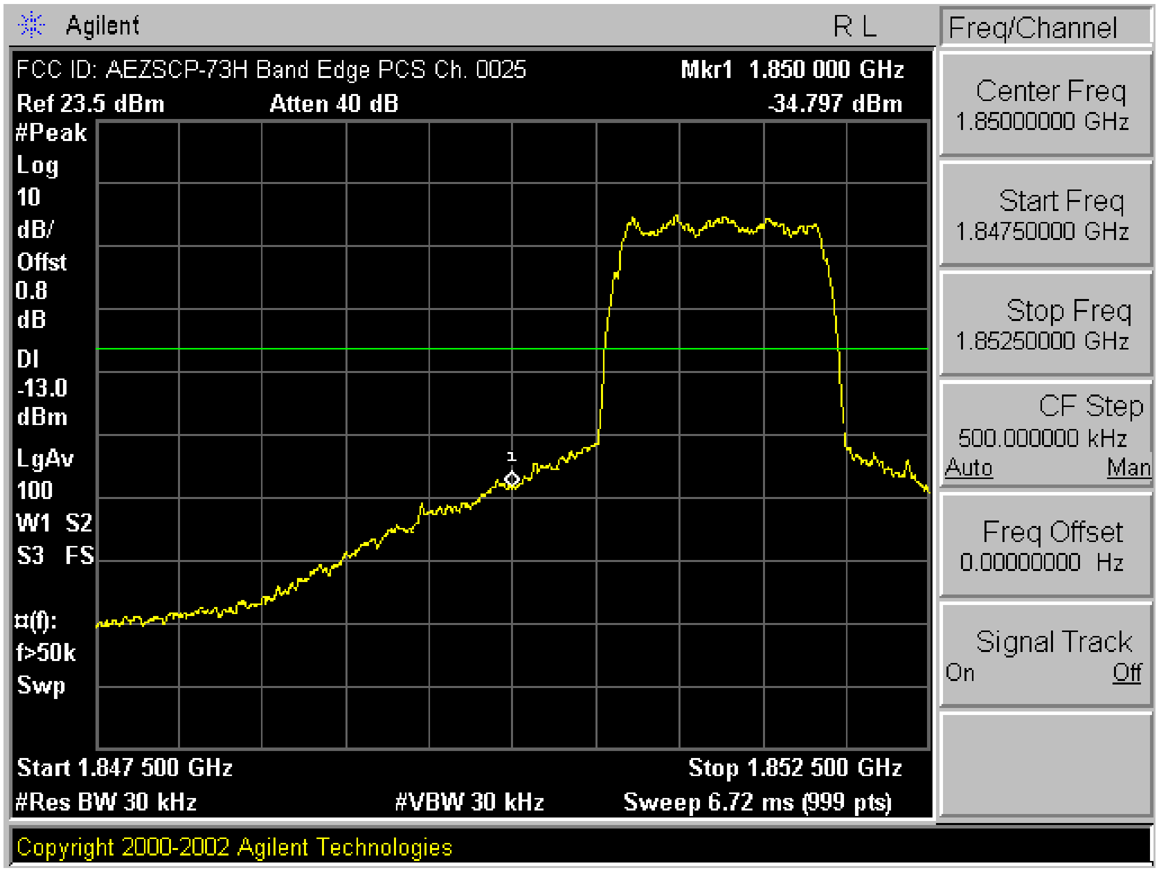
Agilent
R L
Freq/Channel
FCC ID: AEZSCP-73H Band Edge PCS Ch. 0025
Mkr1 1.850 000 GHz
Ref 23.5 dBm
Atten 40 dB
-34.797 dBm
#Peak
Log
10
dB/
Offst
0.8
dB
Dl
-13.0
dBm
LgAv
100
W1 S2
S3 FS
¤(f):
f>50k
Swp
Start 1.847 500 GHz
Stop 1.852 500 GHz
#Res BW 30 kHz
#VBW 30 kHz
Sweep 6.72 ms (999 pts)
Center Freq
1.85000000 GHz
Start Freq
1.84750000 GHz
Stop Freq
1.85250000 GHz
CF Step
500.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
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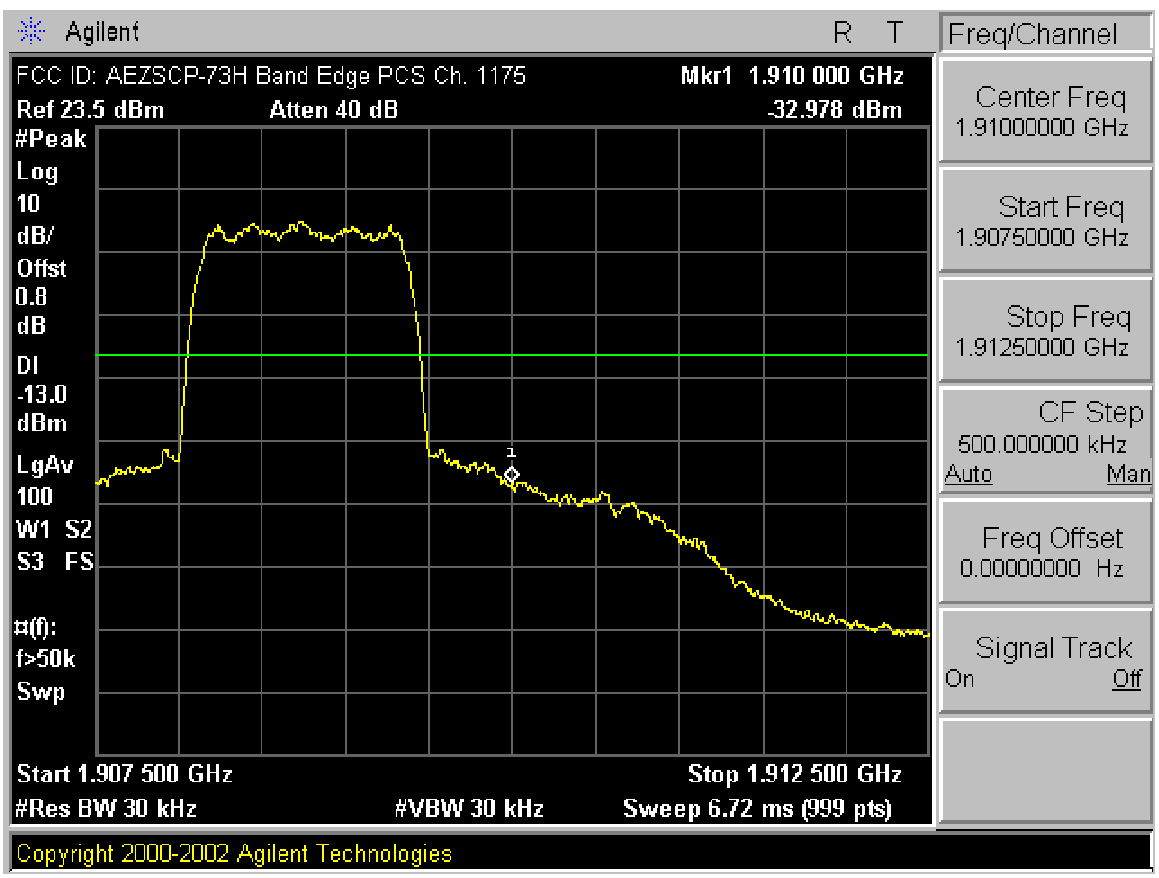
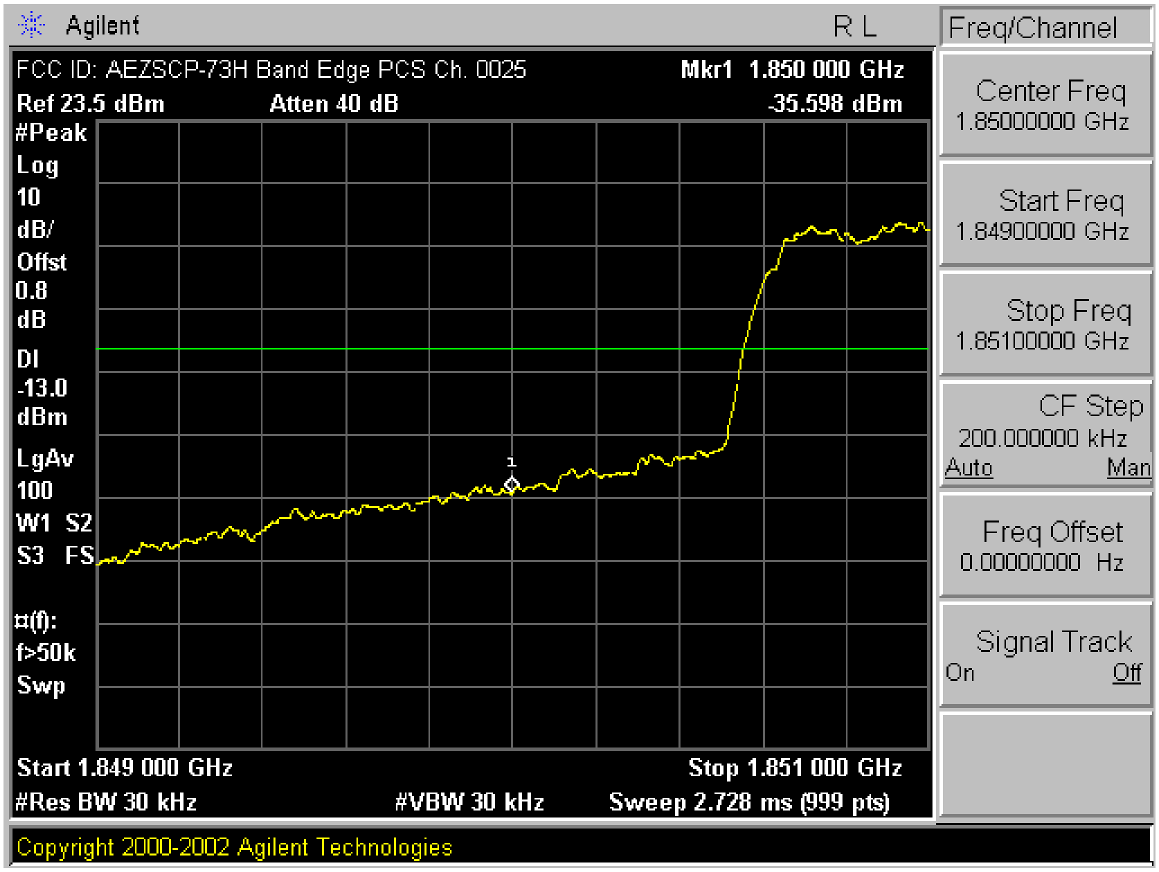
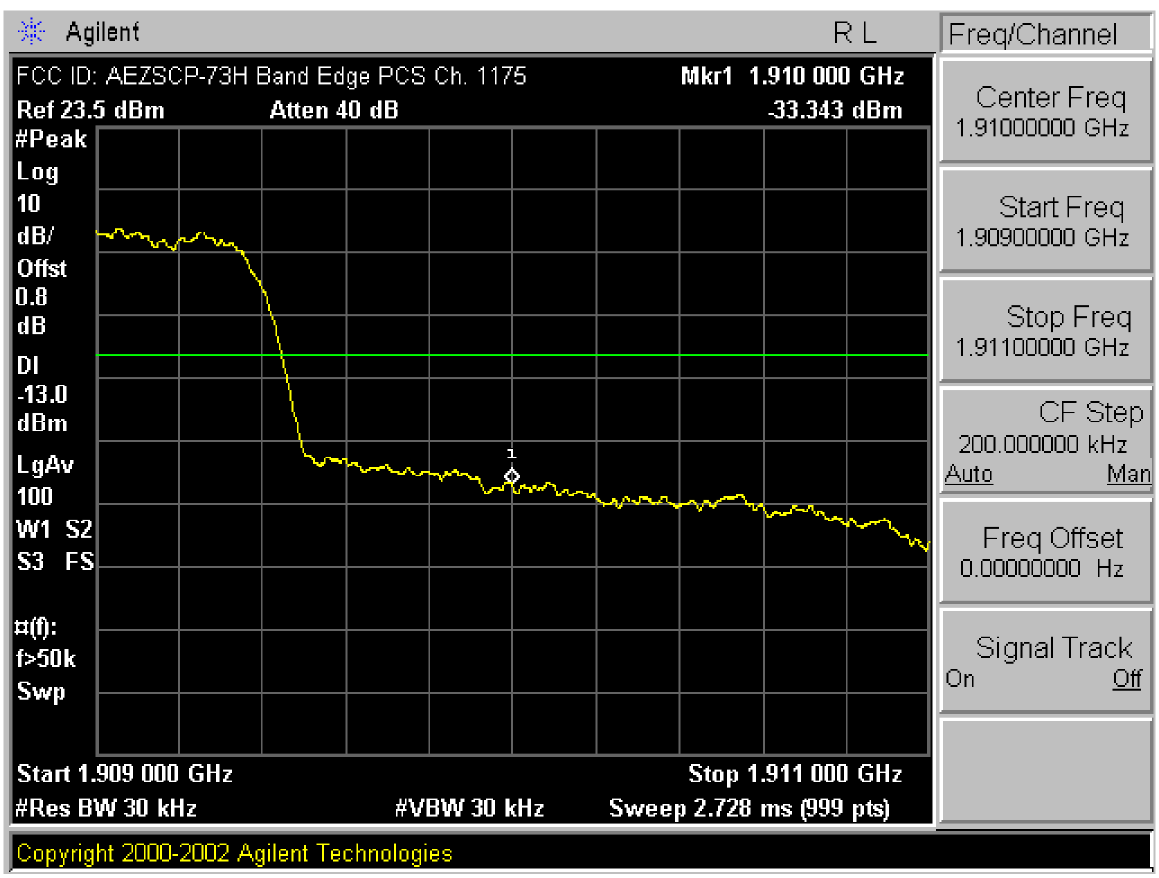

Agilent
R T
Freq/Channel
FCC ID: AEZSCP-73H Band Edge PCS Ch. 1175
Mkr1 1.910 000 GHz
Ref 23.5 dBm
Atten 40 dB
-32.978 dBm
#Peak
Log
10
dB/
Offst
0.8
dB
Dl
-13.0
dBm
LgAv
100
W1 S2
S3 FS
¤(f):
f>50k
Swp
Start 1.907 500 GHz
Stop 1.912 500 GHz
#Res BW 30 kHz
#VBW 30 kHz
Sweep 6.72 ms (999 pts)
Center Freq
1.91000000 GHz
Start Freq
1.90750000 GHz
Stop Freq
1.91250000 GHz
CF Step
500.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies


Agilent
R L
FCC ID: AEZSCP-73H Band Edge PCS Ch. 0025
Mkr1 1.850 000 GHz
Ref 23.5 dBm
Atten 40 dB
-35.598 dBm
#Peak
Log
10
dB/
Offst
0.8
dB
Dl
-13.0
dBm
LgAv
100
W1 S2
S3 FS
¤(f):
f>50k
Swp
Start 1.849 000 GHz
Stop 1.851 000 GHz
#Res BW 30 kHz
#VBW 30 kHz
Sweep 2.728 ms (999 pts)
Freq/Channel
Center Freq
1.85000000 GHz
Start Freq
1.84900000 GHz
Stop Freq
1.85100000 GHz
CF Step
200.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
R L
FCC ID: AEZSCP-73H Band Edge PCS Ch. 1175
Mkr1 1.910 000 GHz
Ref 23.5 dBm
Atten 40 dB
-33.343 dBm
#Peak
Log
10
dB/
Offst
0.8
dB
Dl
-13.0
dBm
LgAv
100
W1 S2
S3 FS
¤(f):
f>50k
Swp
Start 1.909 000 GHz
Stop 1.911 000 GHz
#Res BW 30 kHz
#VBW 30 kHz
Sweep 2.728 ms (999 pts)
Freq/Channel
Center Freq
1.91000000 GHz
Start Freq
1.90900000 GHz
Stop Freq
1.91100000 GHz
CF Step
200.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
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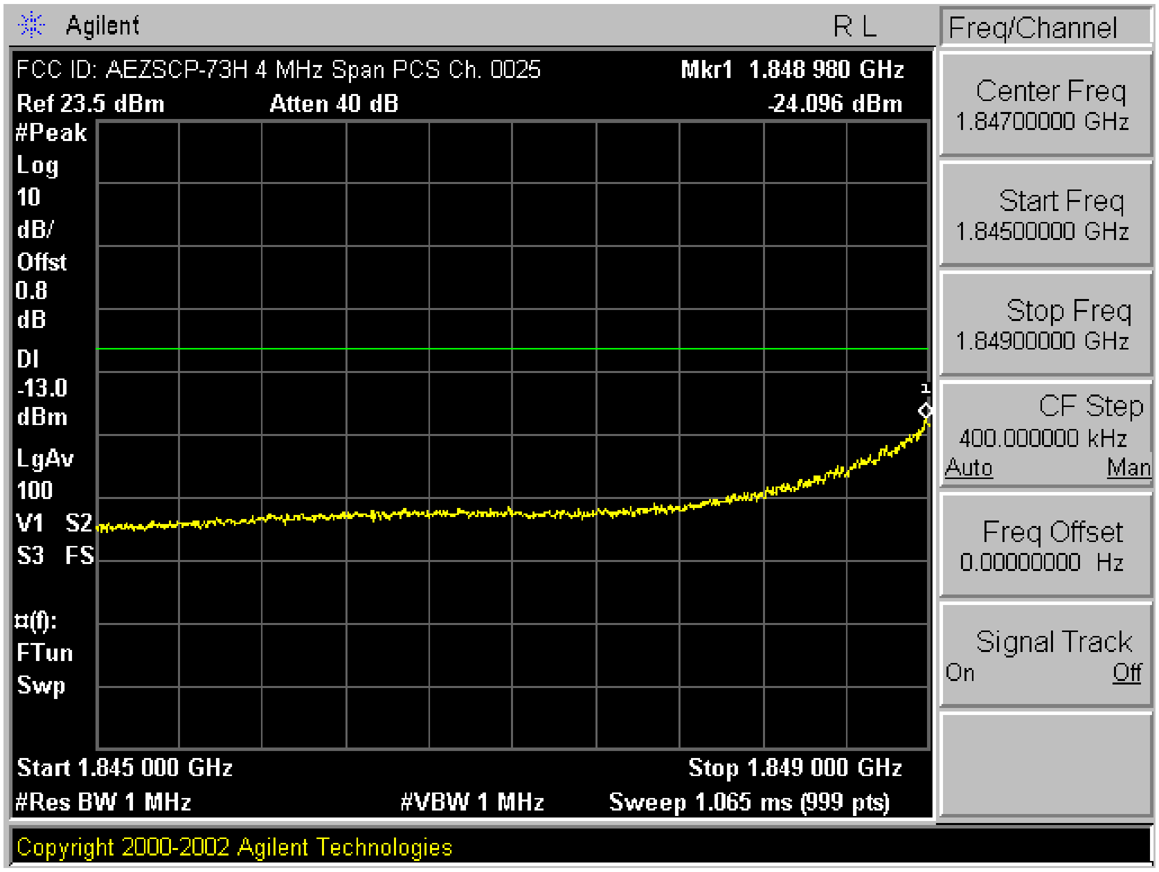
Agilent
R L
Freq/Channel
FCC ID: AEZSCP-73H 4 MHz Span PCS Ch. 0025
Mkr1 1.848 980 GHz
Ref 23.5 dBm
Atten 40 dB
-24.096 dBm
#Peak
Log
10
dB/
Offst
0.8
dB
Dl
-13.0
dBm
LgAv
100
V1 S2
S3 FS
¤(f):
FTun
Swp
Start 1.845 000 GHz
Stop 1.849 000 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 1.065 ms (999 pts)
Center Freq
1.84700000 GHz
Start Freq
1.84500000 GHz
Stop Freq
1.84900000 GHz
CF Step
400.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
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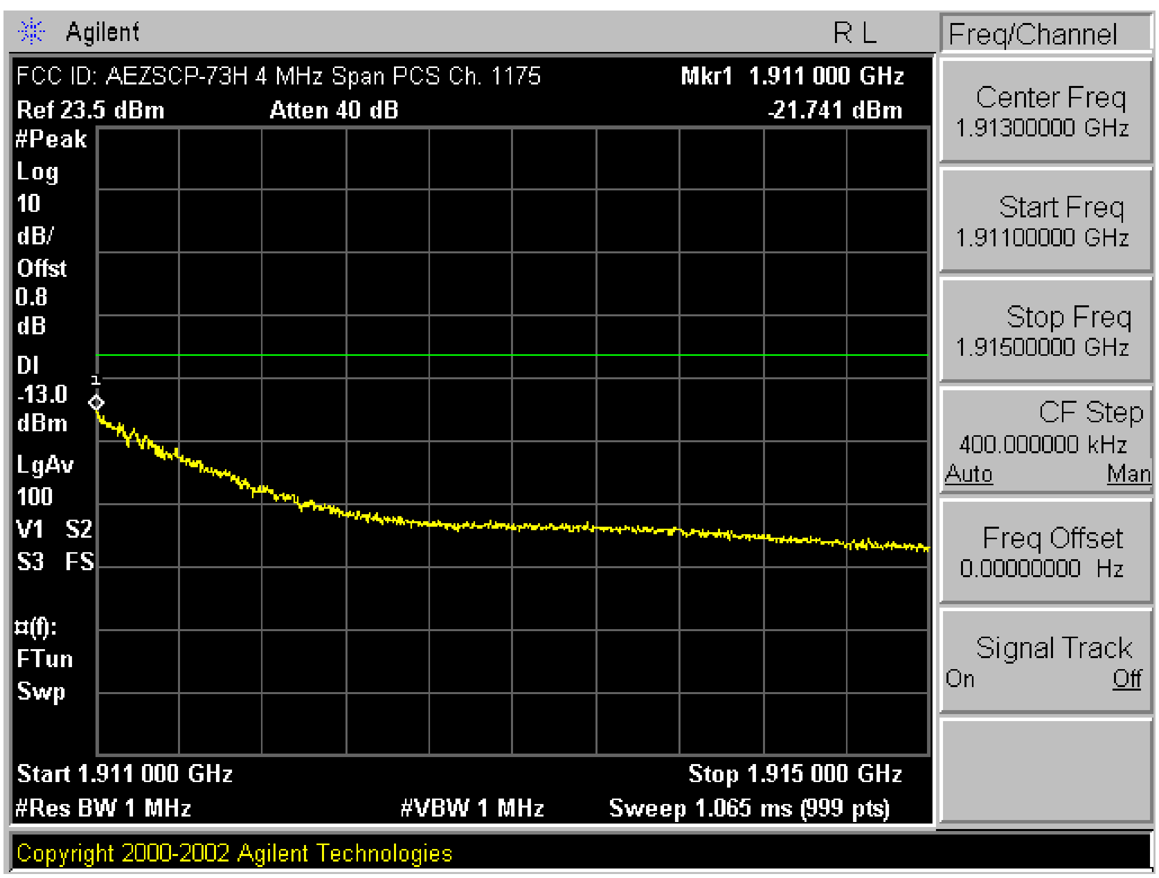
Agilent
R L
Freq/Channel
FCC ID: AEZSCP-73H 4 MHz Span PCS Ch. 1175
Mkr1 1.911 000 GHz
Ref 23.5 dBm
Atten 40 dB
-21.741 dBm
#Peak
Log
10
dB/
Offst
0.8
dB
Dl
-13.0
dBm
LgAv
100
V1 S2
S3 FS
¤(f):
FTun
Swp
Start 1.911 000 GHz
Stop 1.915 000 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 1.065 ms (999 pts)
Center Freq
1.91300000 GHz
Start Freq
1.91100000 GHz
Stop Freq
1.91500000 GHz
CF Step
400.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
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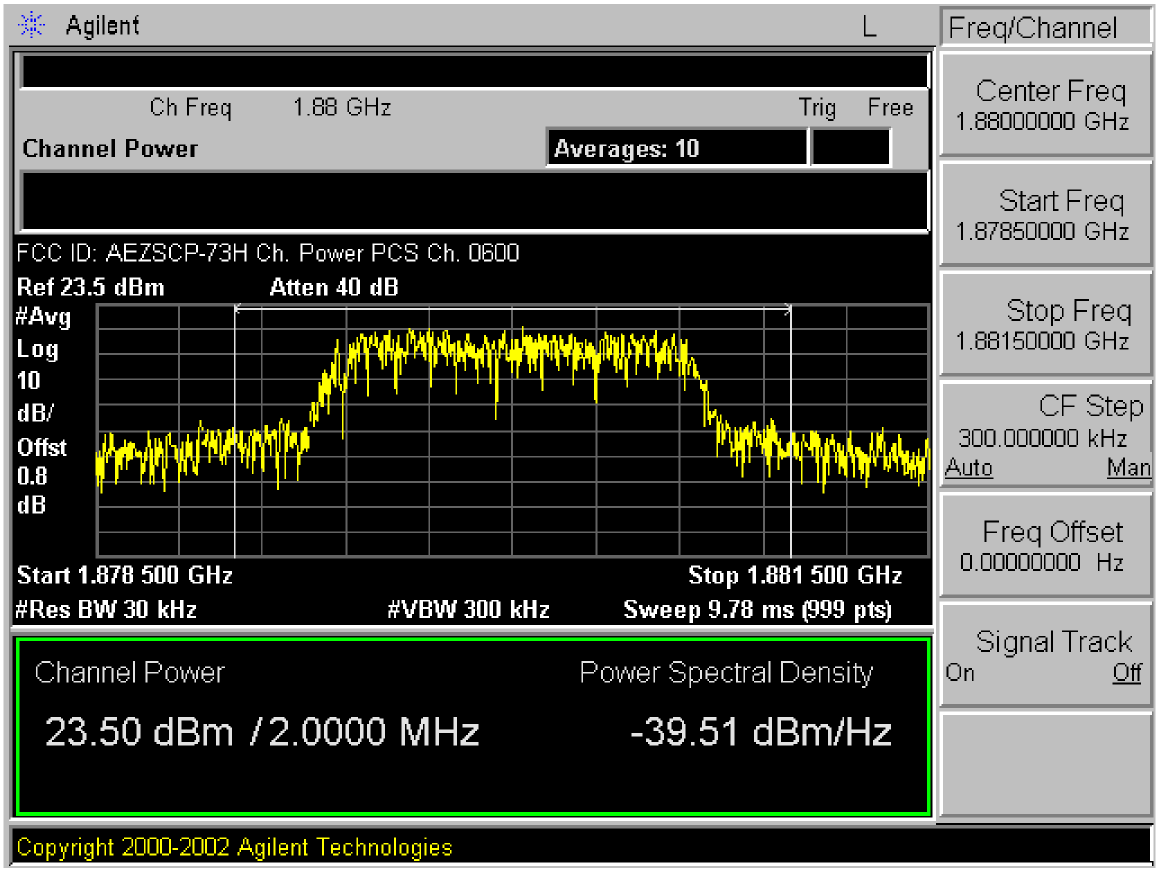
Agilent
Freq/Channel
Ch Freq 1.88 GHz
Trig Free
Channel Power
Averages: 10
Center Freq 1.88000000 GHz
Start Freq 1.87850000 GHz
Stop Freq 1.88150000 GHz
CF Step 300.000000 kHz
Auto Man
Freq Offset 0.00000000 Hz
Signal Track
On Off
FCC ID: AEZSCP-73H Ch. Power PCS Ch. 0600
Ref 23.5 dBm
Atten 40 dB
#Avg
Log
10
dB/
Offst
0.8
dB
Start 1.878 500 GHz
Stop 1.881 500 GHz
#Res BW 30 kHz
#VBW 300 kHz
Sweep 9.78 ms (999 pts)
Channel Power
Power Spectral Density
23.50 dBm / 2.0000 MHz
-39.51 dBm/Hz
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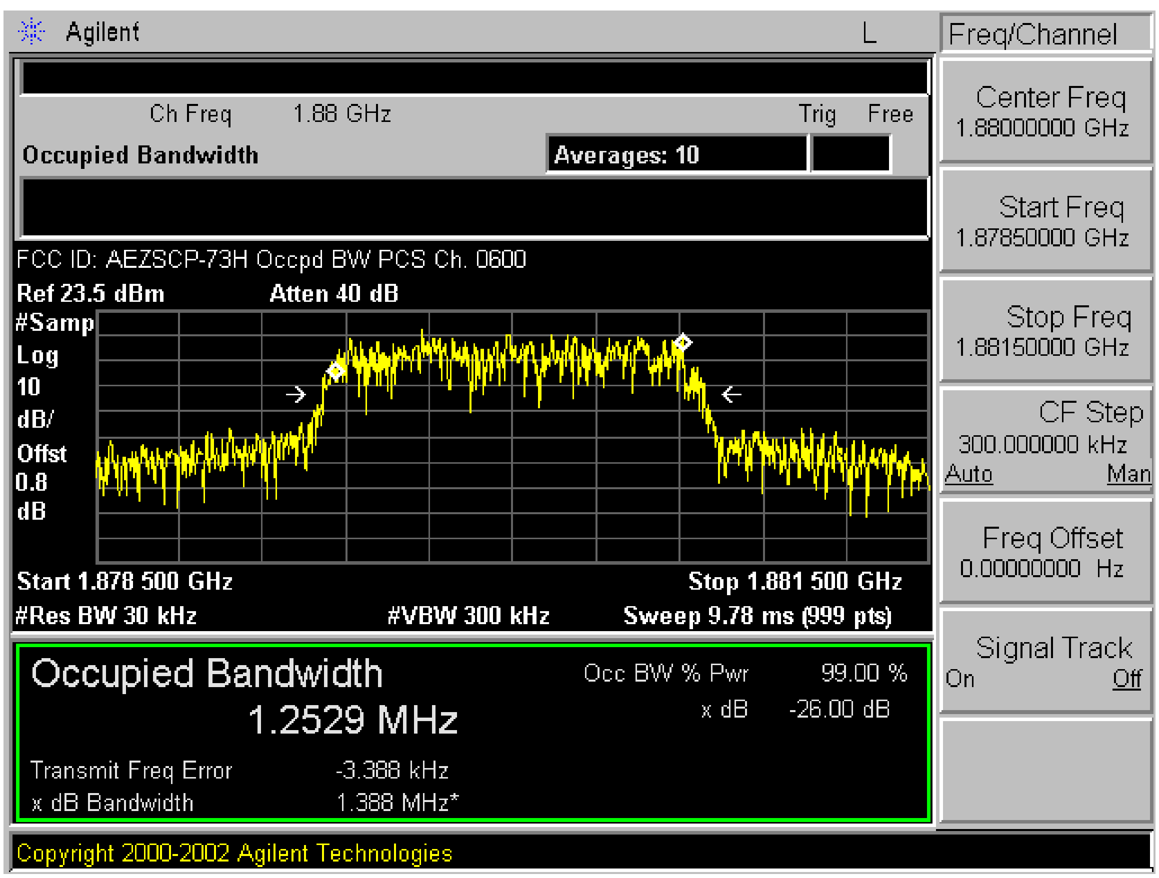
Agilent
Freq/Channel
Ch Freq 1.88 GHz
Trig Free
Occupied Bandwidth
Averages: 10
Center Freq 1.88000000 GHz
Start Freq 1.87850000 GHz
Stop Freq 1.88150000 GHz
CF Step 300.000000 kHz
Auto Man
Freq Offset 0.00000000 Hz
Signal Track
On Off
FCC ID: AEZSCP-73H Occpd BW PCS Ch. 0600
Ref 23.5 dBm
Atten 40 dB
#Samp
Log
10
dB/
Offst
0.8
dB
Start 1.878 500 GHz
Stop 1.881 500 GHz
#Res BW 30 kHz
#VBW 300 kHz
Sweep 9.78 ms (999 pts)
Occupied Bandwidth
1.2529 MHz
Occ BW % Pwr 99.00 %
x dB -26.00 dB
Transmit Freq Error -3.388 kHz
x dB Bandwidth 1.388 MHz*
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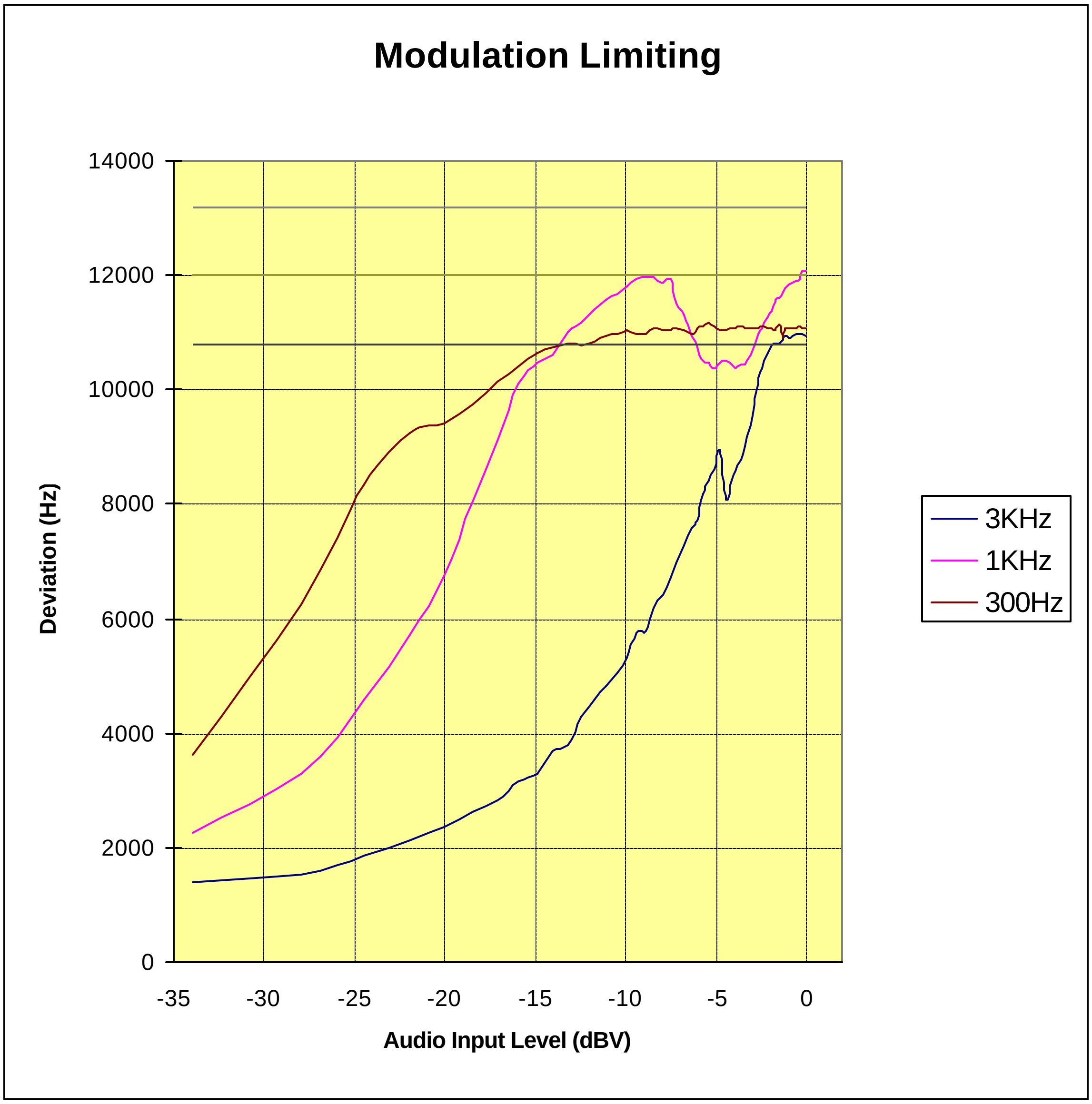
SUBJECT: Modulation Characteristics
FCC Part 24/22

Test Report No.: 22/24.231027523.AEZ
Test Date: 10/27 - 31/ 2003

EUT: Tri-Mode Dual-Band Analog/PCS Phone (AMPS/CDMA)
Model: *SCP-7300*
FCC ID: **AEZSCP-73H**

REFERENCE: 1 kHz = 0 dB

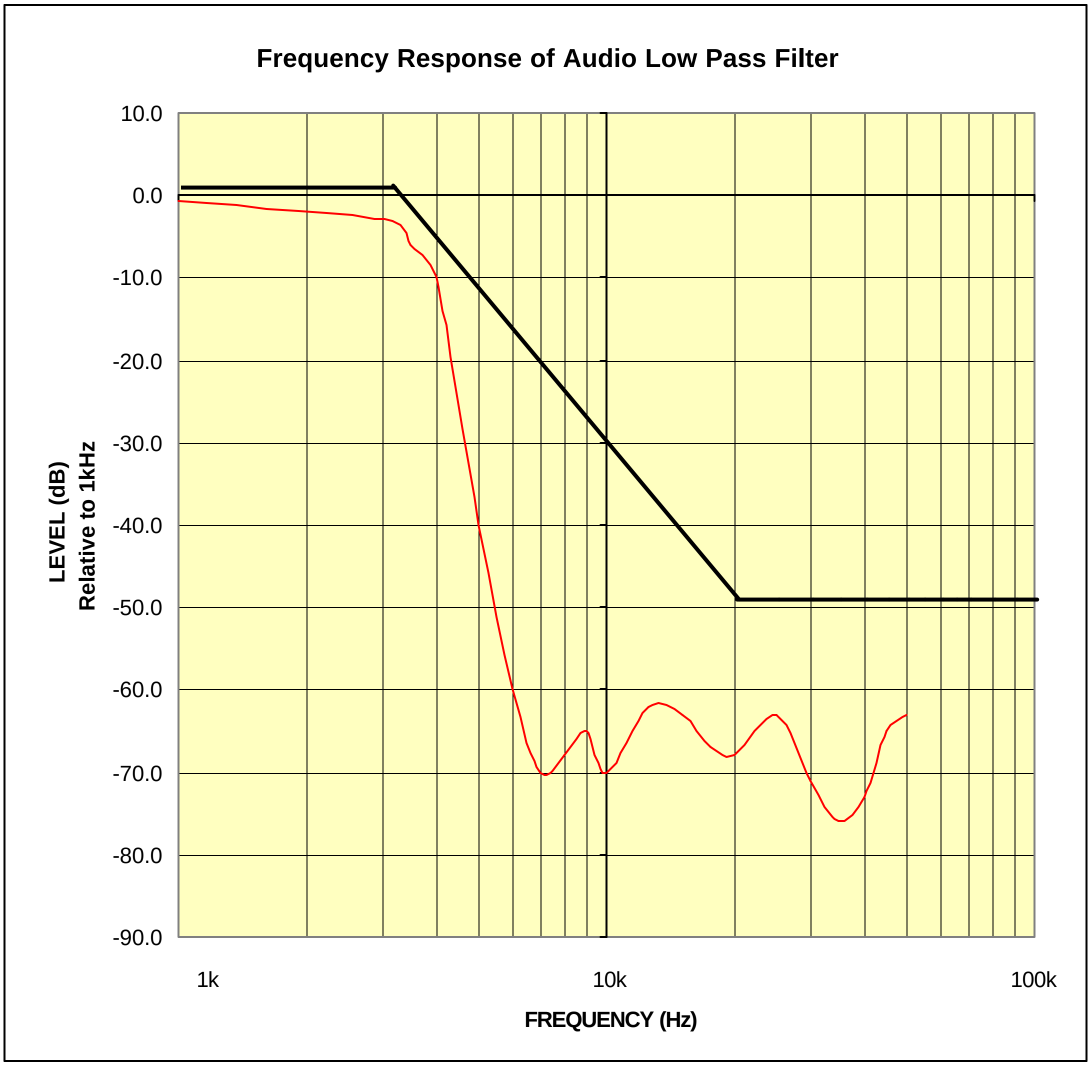


SUBJECT: Modulation Characteristics
FCC Part 24/22

Test Report No.: 22/24.231027523.AEZ
Test Date: 10/27-31/2003

EUT: Tri-Mode Dual-Band Analog/PCS Phone (AMPS/CDMA)
Model: *SCP-7300*
FCC ID: **AEZSCP-73H**

REFERENCE: 1 kHz = 0 dB



SUBJECT: Modulation Characteristics
FCC Part 24/22

Test Report No.: 22/24.231027523.AEZ
Test Date: 10/27-31/2003

EUT: Tri-Mode Dual-Band Analog/PCS Phone (AMPS/CDMA)
Model: *SCP-7300*
FCC ID: **AEZSCP-73H**

REFERENCE: 1 kHz = 0 dB