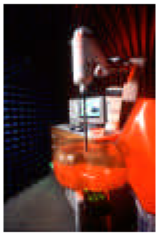
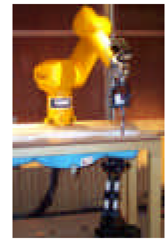


PCTEST Engineering Laboratory, Inc.

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

NEC AMERICA INC.
6535 N. State Hwy. 161
Irving, TX 75039-2402

Dates of Tests: March 15-19, 2004
Test Report S/N: 22/24.240227147.A98
Test Site: PCTEST Lab, Columbia MD

FCC ID	**A98-KMP6J1N1**
APPLICANT	**NEC AMERICA INC.**

Classification:	**Licensed Portable Transmitter Held to Ear (PCE)**
FCC Rule Part(s):	**§24(E), §22H; §2**
EUT Type:	**Dual-Band GSM Phone**
Model:	***KMP6J1N1-1A***
Tx Frequency Range:	**824.20 – 848.80MHz (GSM850) / 1850.20MHz – 1909.80MHz (GSM1900)**
Rx Frequency Range:	**869.20 – 893.80MHz (GSM850) / 1930.20MHz – 1989.80MHz (GSM1900)**
Max. RF Output Power:	**0.636 W ERP GSM850 (28.033 dBm) / 0.925 W EIRP GSM1900 (29.651 dBm)**
Max. SAR Measurement:	**0.23 W/kg GSM850 Head SAR; 0.28 W/kg GSM850 Body SAR; 0.33 W/kg GSM1900 Head SAR; 0.22 W/kg GSM1900 Body SAR**
Emission Designator(s):	**250KGXW (GSM), 250KG7W (EDGE)**
Test Device Serial No.	**Identical Prototype [S/N: #102]**

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: Output power 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 1.5 cm between the back of the unit and the body of the user. End-users must be informed of the body-worn operating configurations 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

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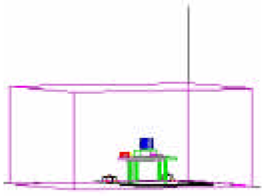
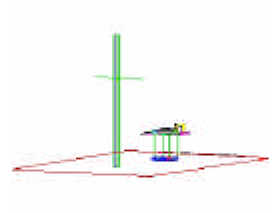


MEASUREMENT REPORT



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:	**NEC AMERICA INC.**
Address:	**6535 N. State HWY 161** **Irving, TX 75039-2402**

- FCC ID: **A98-KMP6J1N1**
- Quantity: Quantity production is planned
- Emission Designators: 250KGXW (GSM), 250KG7W (EDGE)
- Tx Freq. Range: 824.20 – 848.80 MHz (GSM850)
1850.20 – 1909.80 MHz (GSM1900)
- Rx Freq. Range: 869.20 – 893.80 MHz (GSM850)
1930.20 – 1989.80 MHz (GSM1900)
- Max. Power Rating: 0.636 W ERP GSM (28.033 dBm)
0.925 W EIRP PCS GSM (29.651 dBm**)**
- FCC Classification(s): Licensed Portable Tx Held to Ear (PCE)
- Equipment (EUT) Type: Dual-Band GSM Phone
- Modulation(s): GSM, EDGE
- Frequency Tolerance: ± 0.00025% (2.5 ppm)
- FCC Rule Part(s): § 24(E), §22H
- Dates of Tests: March 15-19, 2004
- Place of Tests: PCTEST Lab, Columbia, MD U.S.A.
- Test Report S/N: 22/24.240227147.A98

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2.1 INTRODUCTION

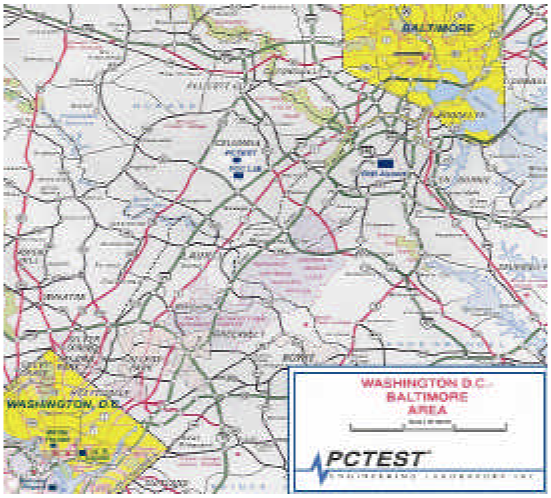

Figure 1. Map of the Greater Baltimore and Metropolitan Washington, D.C. area.

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.

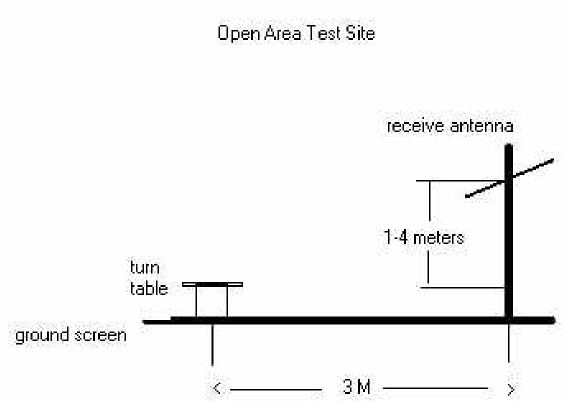

Figure 2. Diagram of 3-meter outdoor test range

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.

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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.

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4.1 DESCRIPTION OF TESTS (CONTINUED)

4.2 Occupied Bandwidth Emission Limits

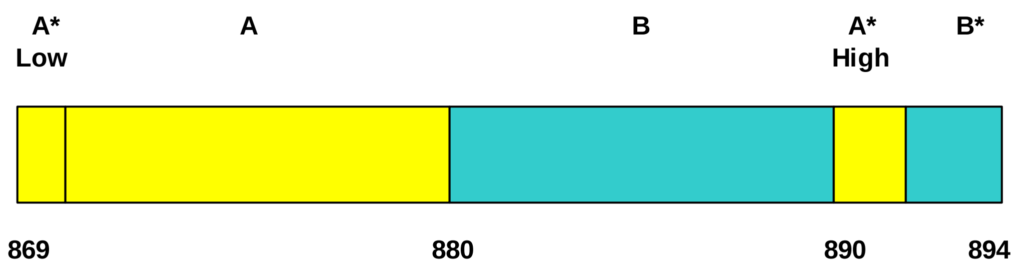
(a) On any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least 43 + 10 log(P) dB.

(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.

4.3 Cellular - Base Frequency Blocks



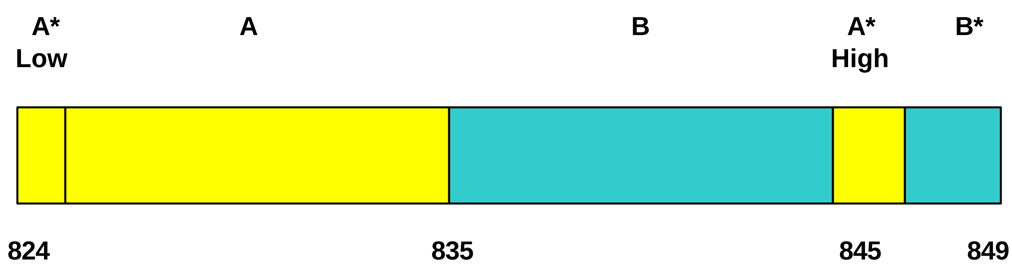
BLOCK 1: 869 – 880 MHz (A* Low + A)

BLOCK 2: 880 – 890 MHz (B)

BLOCK 3: 890 – 891.5 MHz (A* High)

BLOCK 4: 891.5 – 894 MHz (B*)

4.4 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*)

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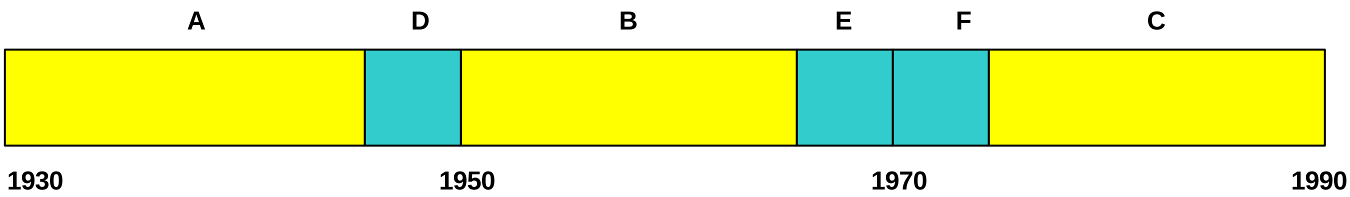
4.1 DESCRIPTION OF TESTS (CONTINUED)

4.5 PCS - Base Frequency Blocks



BLOCK 1: 1930 – 1945 MHz (A)

BLOCK 2: 1945 – 1950 MHz (D)

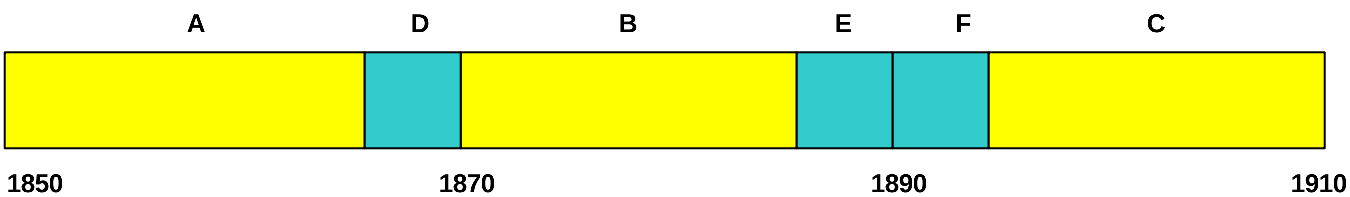
BLOCK 3: 1950 – 1965 MHz (B)

BLOCK 4: 1965 – 1970 MHz (E)

BLOCK 5: 1970 – 1975 MHz (F)

BLOCK 6: 1975 – 1990 MHz (C)

4.6 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)

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4.7 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.

4.8 Frequencies

At the input terminals of the spectrum analyzer, an isolator (RF pad) and a 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.

4.9 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.

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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.

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5.1 Test Data

5.2 Effective Radiated Power Output

A. POWER: (GSM850 Mode)

Freq. Tuned (MHz)	REF. LEVEL (dBm)	POL (H/V)	ERP (W)	ERP (dBm)	BATTERY
824.20	-13.300	V	0.627	27.973	Standard
836.60	-13.400	V	0.636	28.033	Standard
848.00	-14.100	V	0.560	27.483	Standard

Note: Standard batteries are the only options for this phone.

NOTES:

Effective Radiated Power Output 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. The conducted power at the terminals of the dipole is measured. The ERP is recorded.

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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 GSM

FREQ. (MHz)	REF. LEVEL (dBm)	POL (H/V)	Azimuth (o angle)	EIRP (dBm)	EIRP (W)	Battery
1850.20	-13.500	V	150	29.581	0.910	Standard
1880.00	-13.600	V	150	29.651	0.925	Standard
1909.80	-14.000	V	150	29.421	0.877	Standard

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-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 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.

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7.1 Test Data

7.2 GSM850 Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 824.20 MHz
CHANNEL: 128 (Low)
MEASURED OUTPUT POWER: 28.033 dBm = 0.636 W
MODULATION SIGNAL: GSM (Internal)
DISTANCE: 3 meters
LIMIT: $43 + 10 \log_{10} (W) =$ 41.03 dBc

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
1648.40	-51.28	6.10	-45.18	V	73.2
2472.60	-55.28	6.70	-48.58	V	76.6
3296.80	-76.58	6.80	-69.78	V	97.8
4121.00	-78.68	6.50	-72.18	V	100.2

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.

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7.3 GSM850 Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 836.60 MHz
CHANNEL: 190 (Mid)
MEASURED OUTPUT POWER: 28.033 dBm = 0.636 W
MODULATION SIGNAL: GSM (Internal)
DISTANCE: 3 meters
LIMIT: 43 + 10 $\log_{10}$ (W) = 41.03 dBc

FREQ. (MHz)	**LEVEL @ ANTENNA TERMINALS** (dBm)	**SUBSTITUTE ANTENNA GAIN** (dBd)	**CORRECT GENERATOR LEVEL** (dBm)	**POL** (H/V)	(dBc)
1673.20	-51.08	6.10	-44.98	V	73.0
2509.80	-54.78	6.70	-48.08	V	76.1
3346.40	-75.78	6.80	-68.98	V	97.0
4183.00	-78.38	6.50	-71.88	V	99.9
5019.60	-76.78	7.00	-69.78	V	97.8

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.

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7.4 GSM850 Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 848.80 MHz

CHANNEL: 251 (High)

MEASURED OUTPUT POWER: 28.033 dBm = 0.636 W

MODULATION SIGNAL: GSM (Internal)

DISTANCE: 3 meters

LIMIT: $43 + 10\log_{10}(W) =$ 41.03 dBc

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
1697.60	-50.58	6.10	-44.48	V	72.5
2546.40	-53.78	6.70	-47.08	V	75.1
3395.20	-74.48	6.80	-67.68	V	95.7
4244.00	-77.38	6.50	-70.88	V	98.9

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.

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7.1 Test Data (Continued)

7.5 GSM1900 Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 1850.20 MHz
CHANNEL: 512 (Low)
MEASURED OUTPUT POWER: 29.651 dBm = 0.925 W
MODULATION SIGNAL: GSM (Internal)
DISTANCE: 3 meters
LIMIT: $43 + 10 \log_{10} (W) =$ 42.66 dBc

FREQ. (MHz)	**LEVEL @ ANTENNA TERMINALS** (dBm)	**SUBSTITUTE ANTENNA GAIN** (dBi)	**CORRECT GENERATOR LEVEL** (dBm)	**POL** (H/V)	(dBc)
3700.40	-39.93	8.70	-31.23	V	60.9
5550.60	-43.63	9.70	-33.93	V	63.6
7400.80	-64.43	9.90	-54.53	V	84.2
9251.00	-67.43	11.40	-56.03	V	85.7

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.

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7.6 GSM1900 Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 1880.00 MHz
CHANNEL: 661 (Mid)
MEASURED OUTPUT POWER: 29.651 dBm = 0.925 W
MODULATION SIGNAL: GSM (Internal)
DISTANCE: 3 meters
LIMIT: 43 + 10 $\log_{10}$ (W) = 42.66 dBc

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBi)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
3760.00	-41.23	8.70	-32.53	V	62.2
5640.00	-44.93	9.70	-35.23	V	64.9
7520.00	-62.73	9.90	-52.83	V	82.5
9400.00	-67.73	11.40	-56.33	V	86.0
11280.00	-73.13	12.10	-61.03	V	90.7

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.

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7.1 Test Data (Continued)

7.7 GSM1900 Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 1909.80 MHz
CHANNEL: 810 (High)
MEASURED OUTPUT POWER: 29.651 dBm = 0.925 W
MODULATION SIGNAL: GSM (Internal)
DISTANCE: 3 meters
LIMIT: $43 + 10 \log_{10}$ (W) = 42.66 dBc

FREQ. (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBi)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	(dBc)
3819.60	-41.93	8.70	-33.23	V	62.9
5729.40	-45.13	9.70	-35.43	V	65.1
7639.20	-61.83	9.90	-51.93	V	81.6
9549.00	-67.93	11.40	-56.53	V	86.2

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.

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8.1 Test Data

8.2 FREQUENCY STABILITY (GSM850)

OPERATING FREQUENCY: 836,600,001 Hz

CHANNEL: 190

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)	836,600,001	0.000000
100 %		- 30	836,599,951	0.000006
100 %		- 20	836,600,043	-0.000005
100 %		- 10	836,599,951	0.000006
100 %		0	836,600,034	-0.000004
100 %		+ 10	836,599,959	0.000005
100 %		+ 20	836,600,001	0.000000
100 %		+ 25	836,599,951	0.000006
100 %		+ 30	836,599,951	0.000006
100 %		+ 40	836,600,034	-0.000004
100 %		+ 50	836,600,043	-0.000005
100 %		+ 60	836,600,051	-0.000006
85 %	3.17	+ 20	836,600,001	0.000000
115 %	4.26	+ 20	836,600,001	0.000000
BATT. ENDPOINT	2.94	+ 20	836,600,001	0.000000

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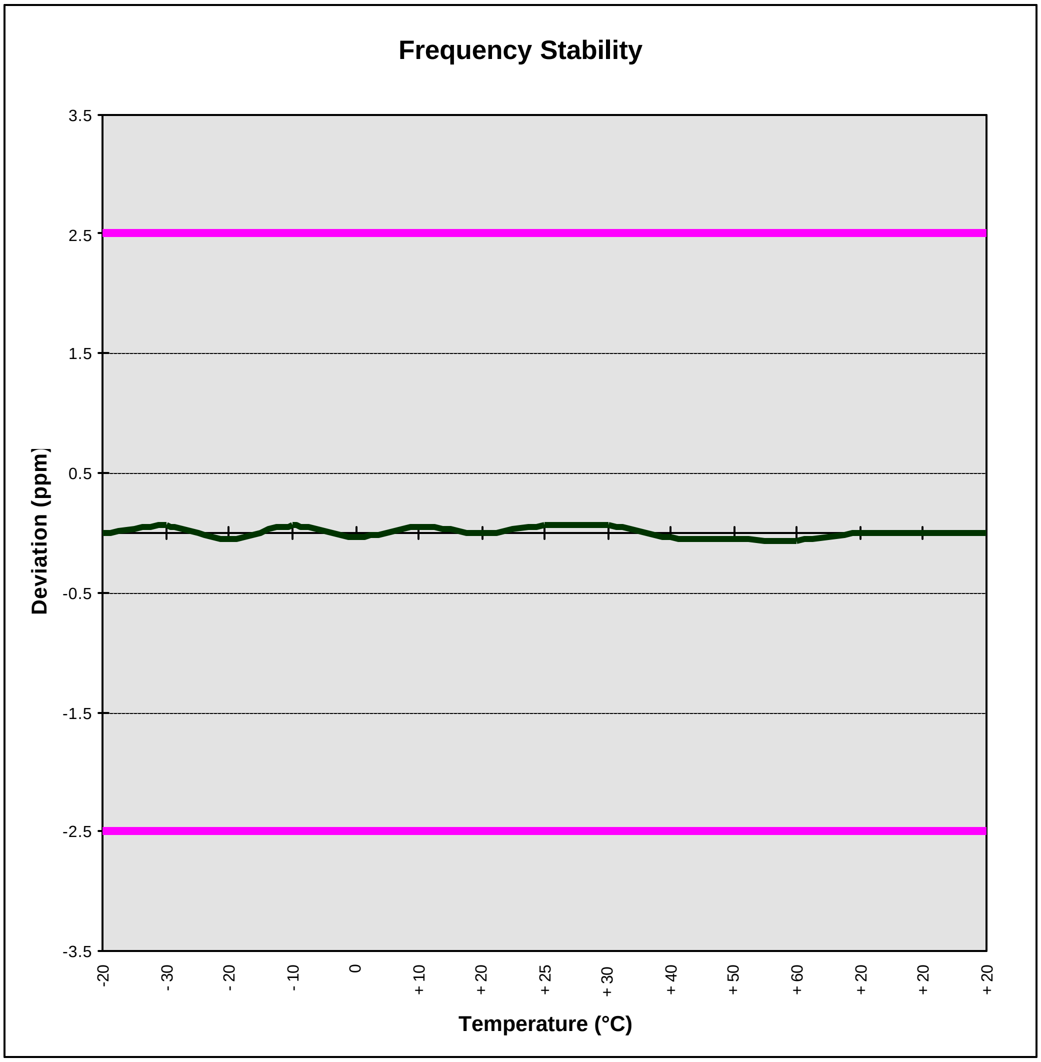
8.1 Test Data (Continued)

8.3 FREQUENCY STABILITY (GSM850)



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8.1 Test Data (Continued)

8.4 FREQUENCY STABILITY (GSM1900)

OPERATING FREQUENCY: 1,880,000,003 Hz

CHANNEL: 661

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)	1,880,000,003	0.000000
100 %		- 30	1,879,999,909	0.000005
100 %		- 20	1,880,000,078	-0.000004
100 %		- 10	1,879,999,890	0.000006
100 %		0	1,880,000,041	-0.000002
100 %		+ 10	1,879,999,947	0.000003
100 %		+ 20	1,880,000,003	0.000000
100 %		+ 25	1,879,999,928	0.000004
100 %		+ 30	1,879,999,890	0.000006
100 %		+ 40	1,880,000,078	-0.000004
100 %		+ 50	1,880,000,097	-0.000005
100 %		+ 60	1,880,000,135	-0.000007
85 %	3.17	+ 20	1,880,000,003	0.000000
115 %	4.26	+ 20	1,880,000,003	0.000000
BATT. ENDPOINT	2.94	+ 20	1,880,000,003	0.000000

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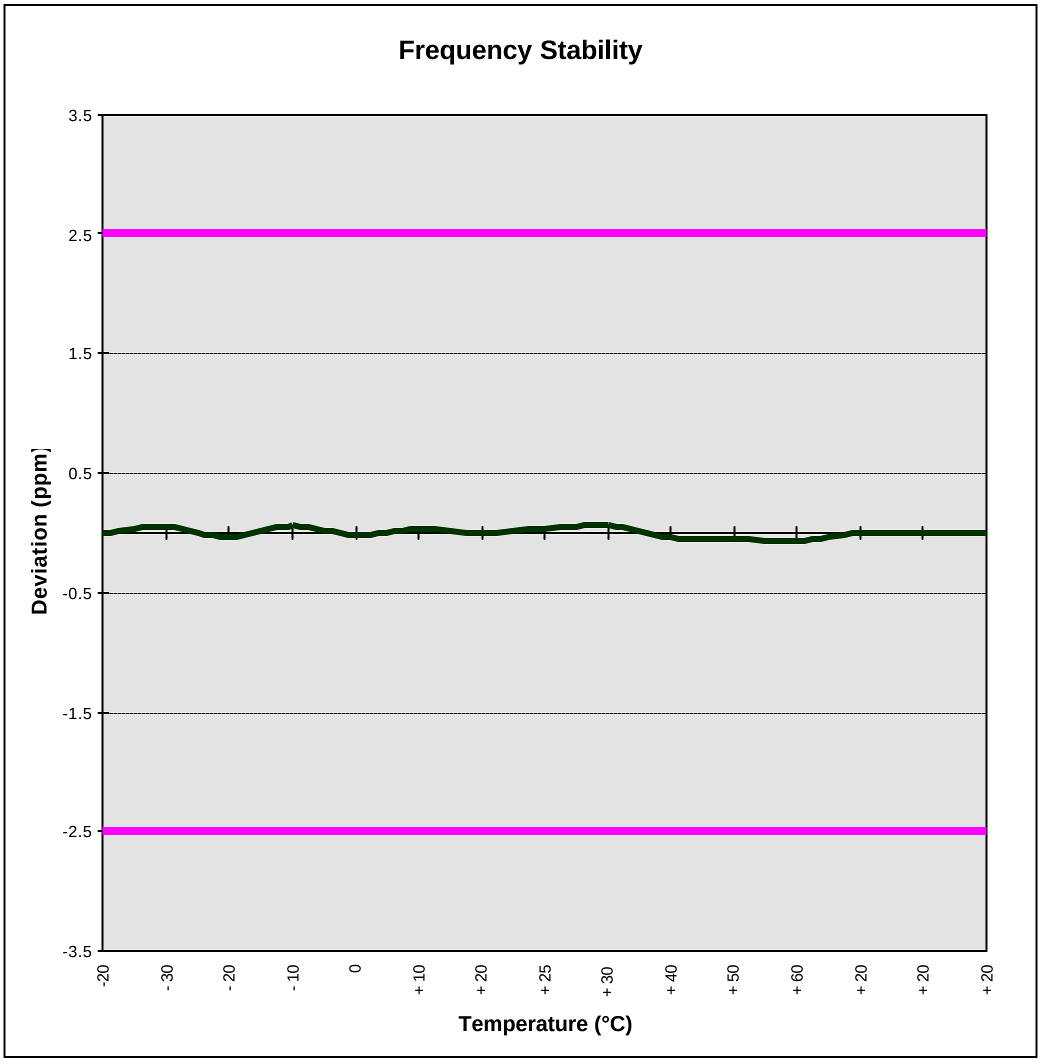
8.1 Test Data (Continued)

8.5 FREQUENCY STABILITY (GSM1900)



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9.1 PLOT(S) OF EMISSIONS

(SEE ATTACHMENT D)

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10.1 TEST EQUIPMENT

Type	Model	Cal. Due Date	S/N
Microwave Spectrum Analyzer	8566B (100Hz-22GHz) HP	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	0792-032
Ailtech/Eaton Receiver	NM 37/57A (30-1000MHz)	03/11/05	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	03/11/05	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).

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11.1 SAMPLE CALCULATIONS

A. Emission Designator

Emission Designator = 1M25F9W

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

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

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12.1 CONCLUSION

The data collected shows that the **NEC AMERICA INC. Dual-Band GSM Phone FCC ID: A98-KMP6J1N1** complies with all the requirements of Parts 2, 22, and 24 of the FCC rules.

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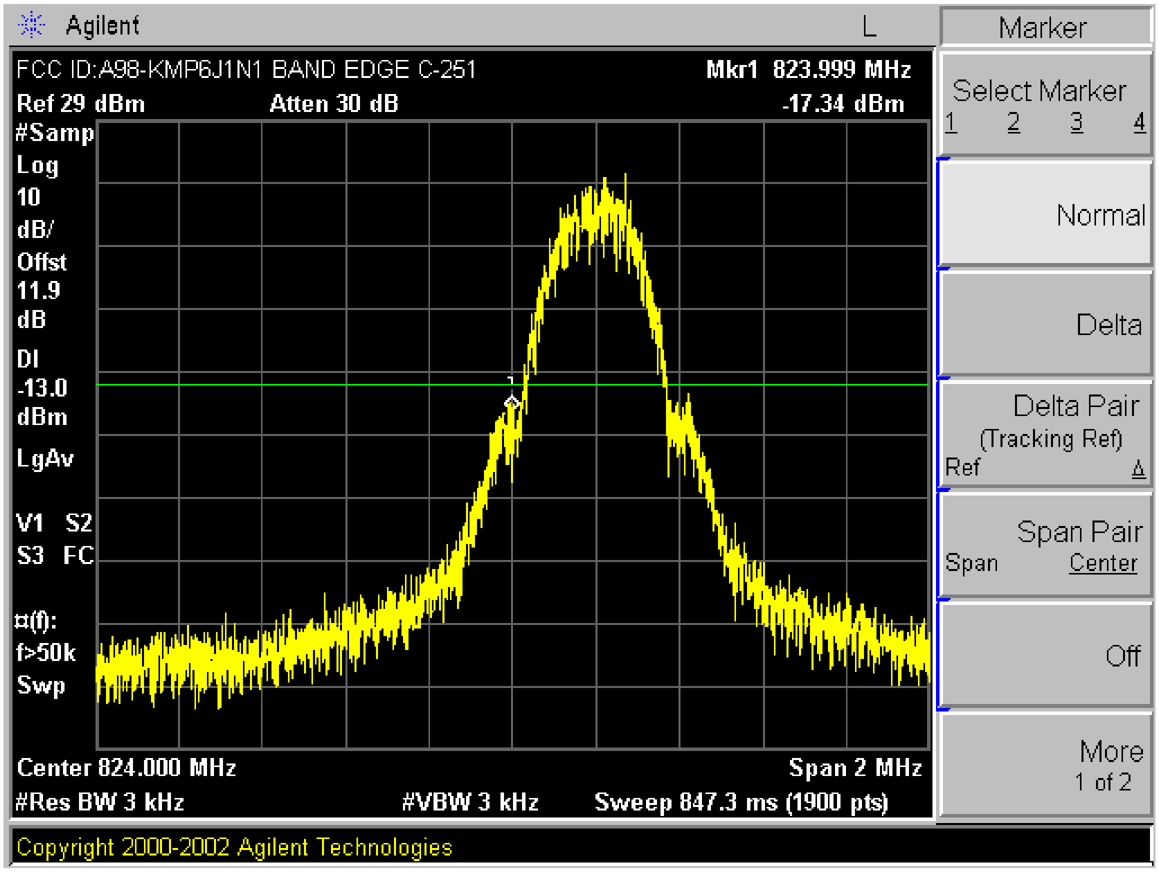
Agilent
Marker
FCC ID:A98-KMP6J1N1 BAND EDGE C-251
Mkr1 823.999 MHz
Ref 29 dBm
Atten 30 dB
-17.34 dBm
#Samp
Log
10
dB/
Offst
11.9
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
f>50k
Swp
Center 824.000 MHz
Span 2 MHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 847.3 ms (1900 pts)
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref Δ
Span Pair
Span Center
Off
More
1 of 2
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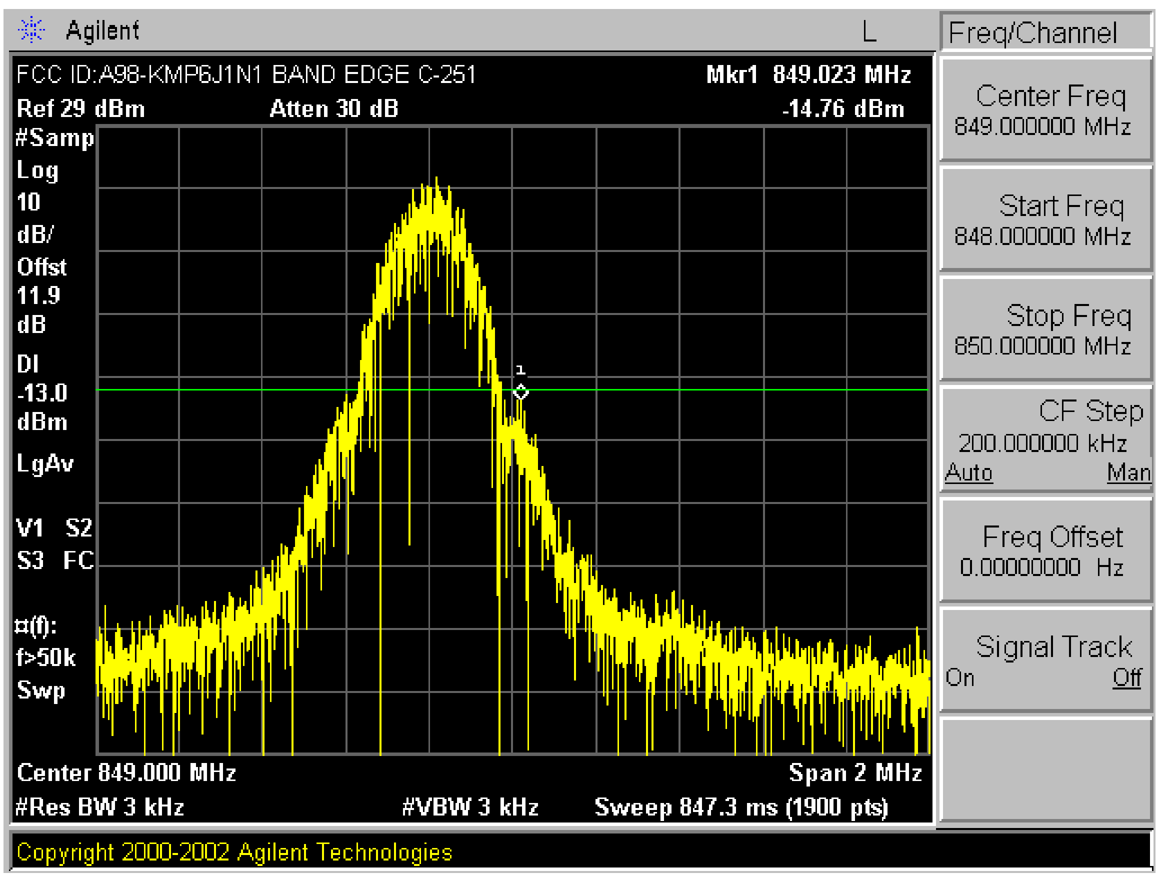
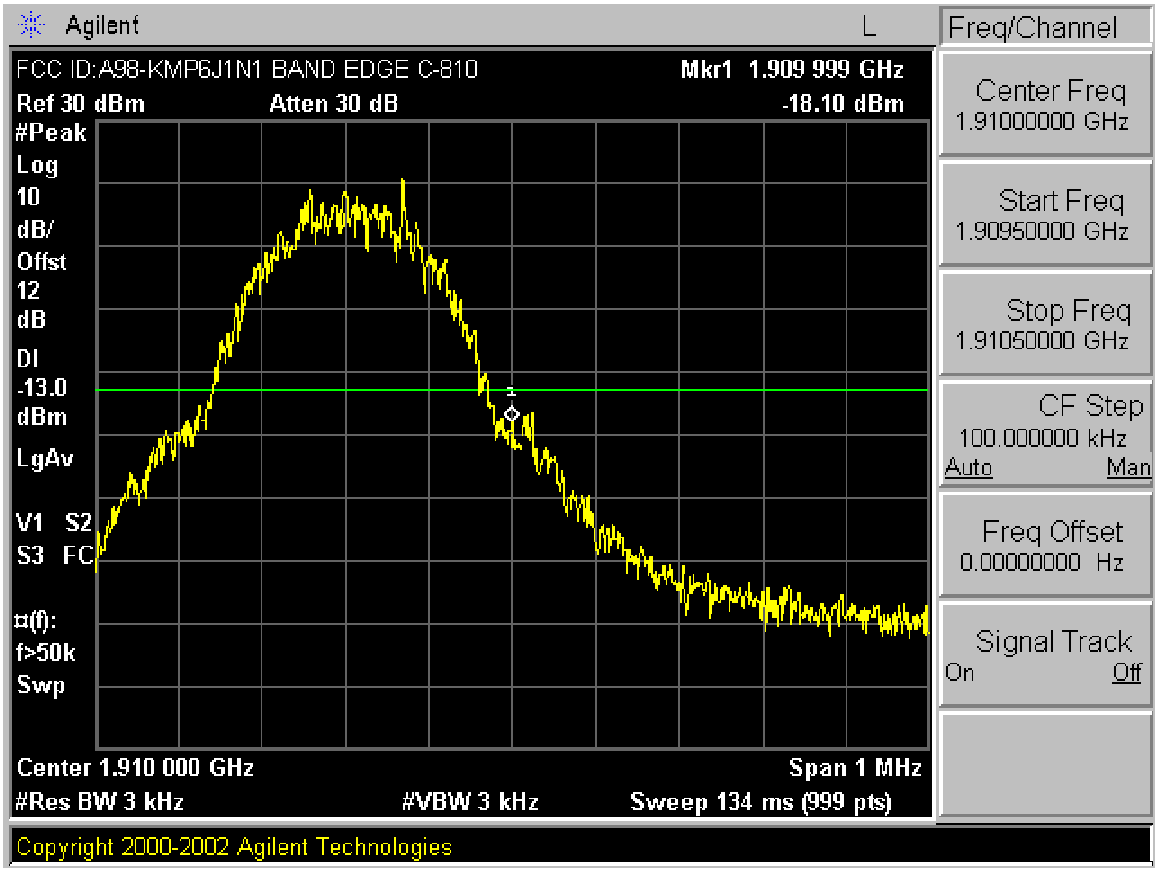
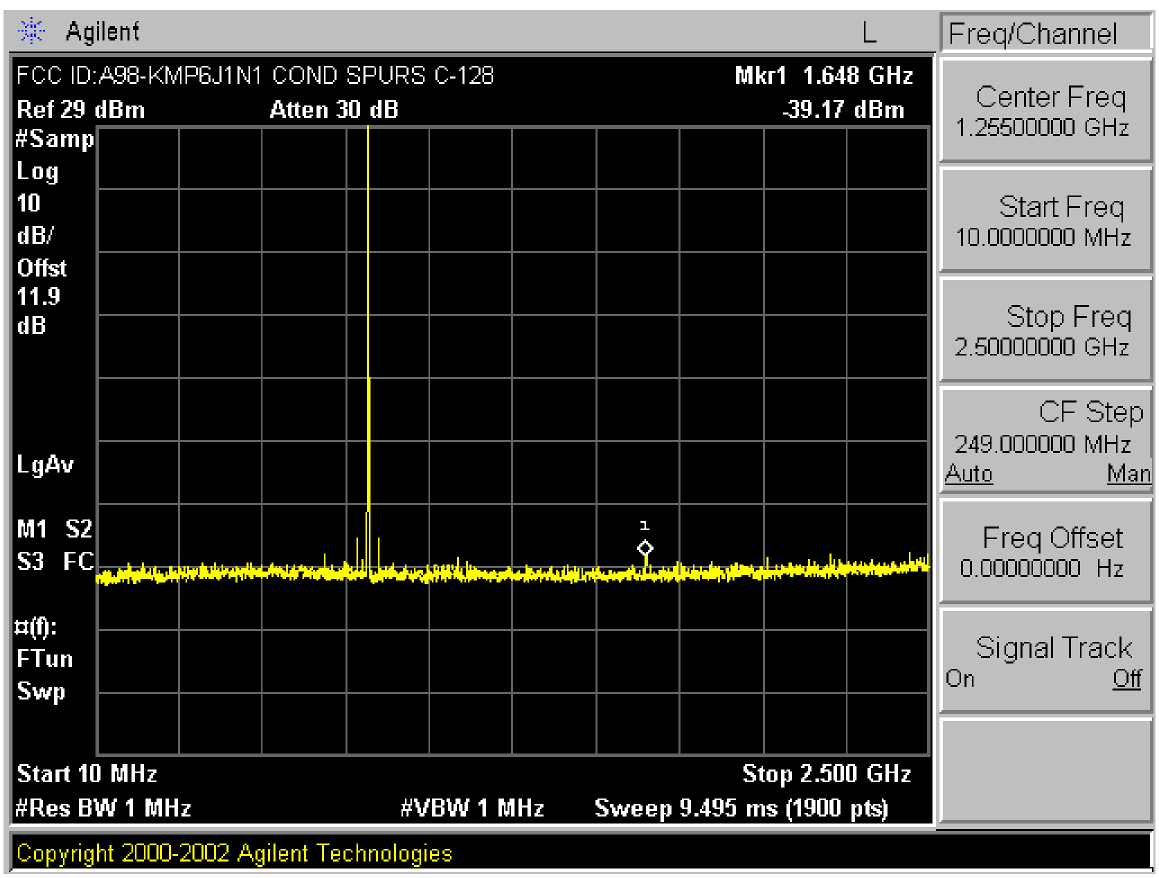

Agilent
Freq/Channel
FCC ID:A98-KMP6J1N1 BAND EDGE C-251
Mkr1 849.023 MHz
Ref 29 dBm
Atten 30 dB
-14.76 dBm
#Samp
Log
10
dB/
Offst
11.9
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
f>50k
Swp
Center 849.000 MHz
Span 2 MHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 847.3 ms (1900 pts)
Center Freq
849.000000 MHz
Start Freq
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
Freq/Channel
FCC ID:A98-KMP6J1N1 BAND EDGE C-810
Mkr1 1.909 999 GHz
Ref 30 dBm
Atten 30 dB
-18.10 dBm
#Peak
Log
10
dB/
Offst
12
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
f>50k
Swp
Center 1.910 000 GHz
Span 1 MHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 134 ms (999 pts)
Center Freq
1.91000000 GHz
Start Freq
1.90950000 GHz
Stop Freq
1.91050000 GHz
CF Step
100.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies


Agilent
Freq/Channel
FCC ID:A98-KMP6J1N1 COND SPURS C-128
Mkr1 1.648 GHz
Ref 29 dBm
Atten 30 dB
-39.17 dBm
#Samp
Log
10
dB/
Offst
11.9
dB
LgAv
M1 S2
S3 FC
¤(f):
FTun
Swp
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 9.495 ms (1900 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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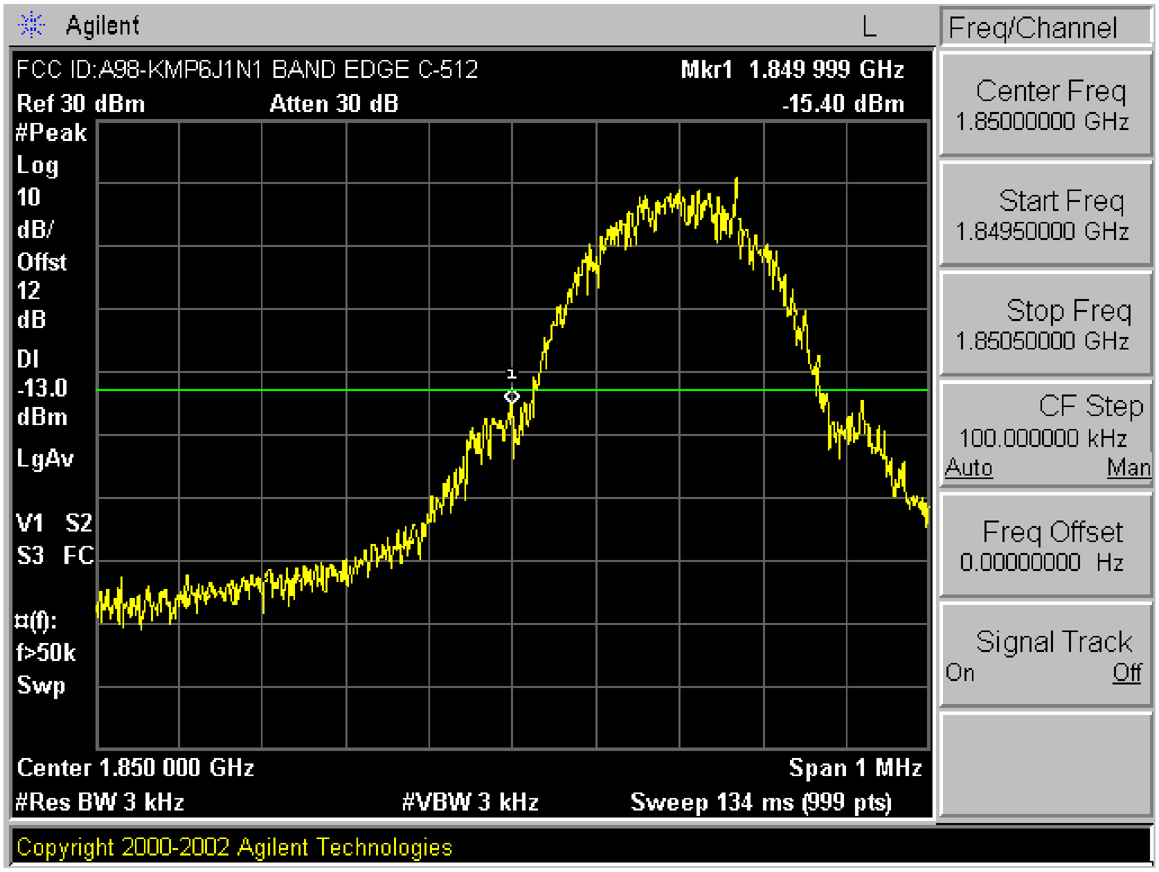
Agilent
L
FCC ID:A98-KMP6J1N1 BAND EDGE C-512
Mkr1 1.849 999 GHz
Ref 30 dBm
Atten 30 dB
-15.40 dBm
#Peak
Log
10
dB/
Offst
12
dB
DI
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
f>50k
Swp
Center 1.850 000 GHz
Span 1 MHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 134 ms (999 pts)
Freq/Channel
Center Freq
1.85000000 GHz
Start Freq
1.84950000 GHz
Stop Freq
1.85050000 GHz
CF Step
100.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
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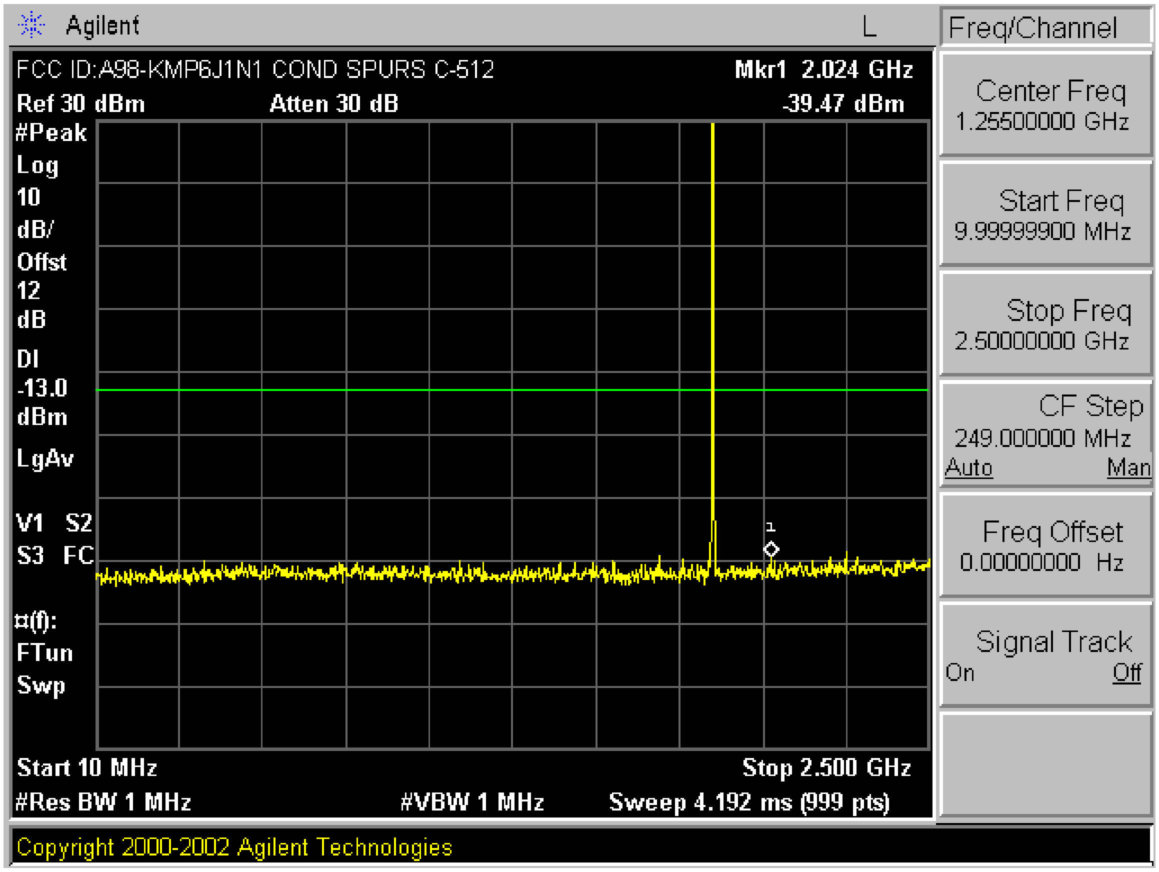
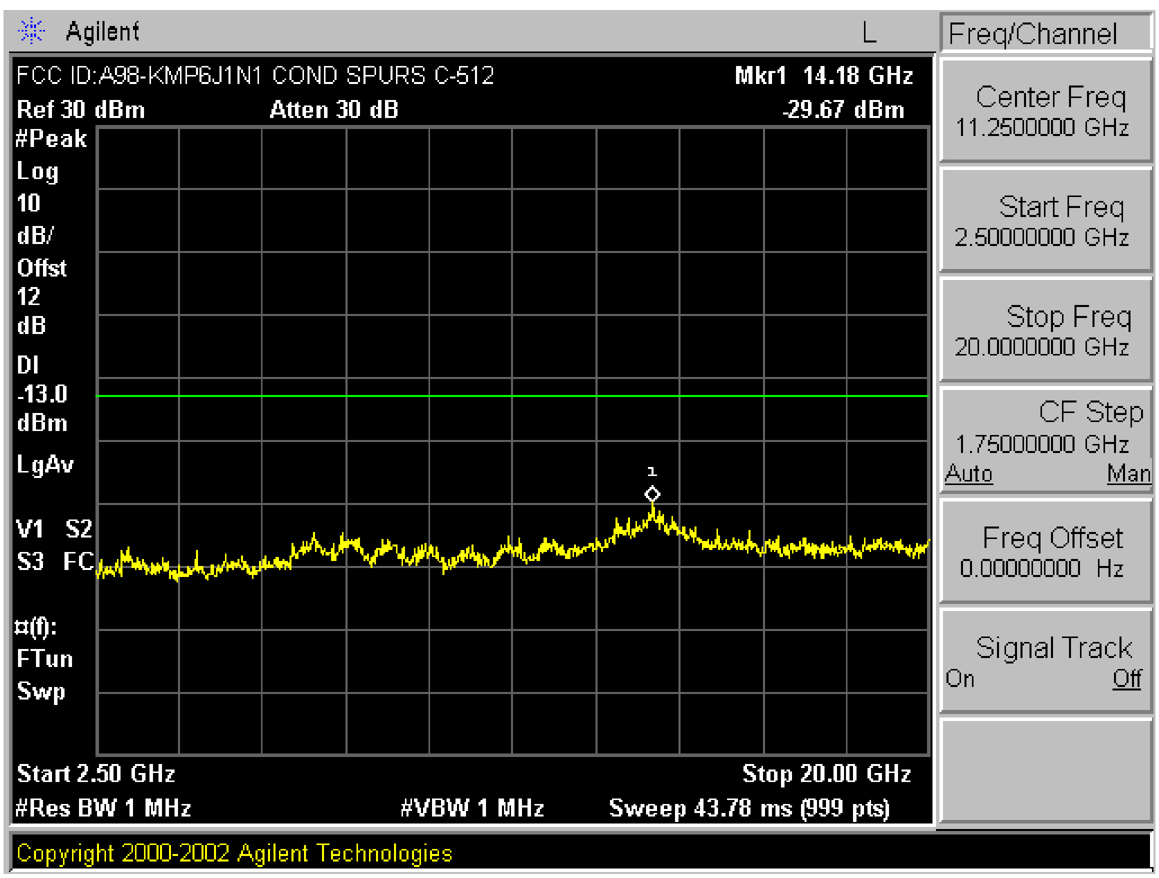
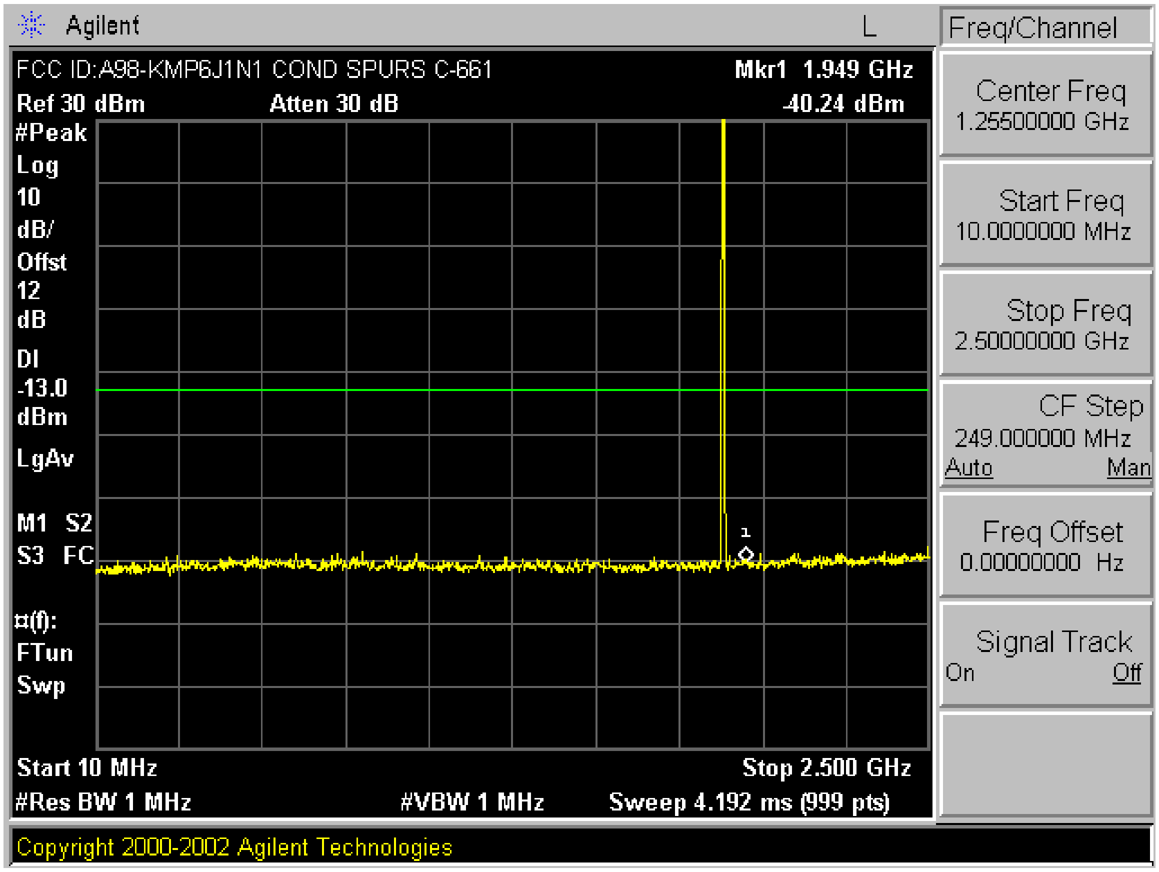
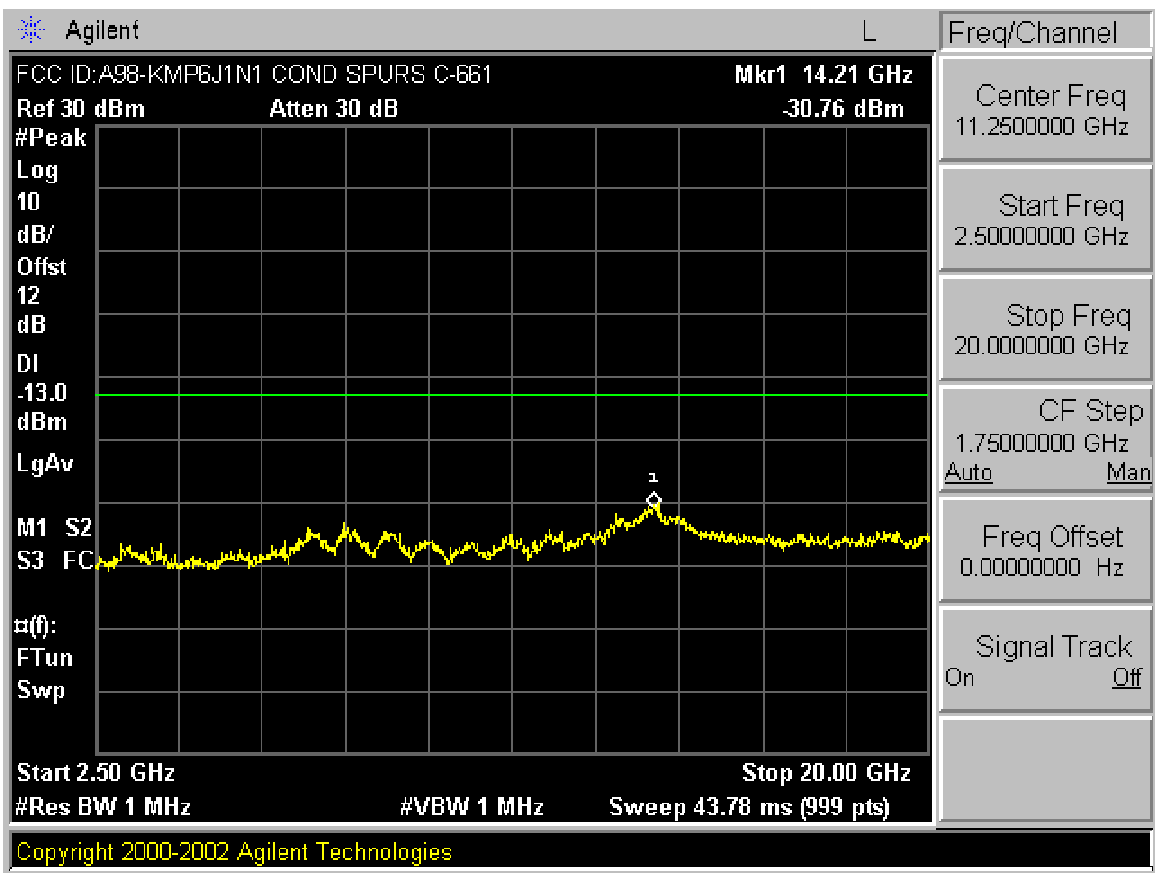

Agilent
L
Freq/Channel
FCC ID:A98-KMP6J1N1 COND SPURS C-512
Mkr1 2.024 GHz
Ref 30 dBm
Atten 30 dB
-39.47 dBm
#Peak
Log
10
dB/
Offst
12
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.192 ms (999 pts)
Center Freq
1.25500000 GHz
Start Freq
9.99999900 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:A98-KMP6J1N1 COND SPURS C-512
Mkr1 14.18 GHz
Ref 30 dBm
Atten 30 dB
-29.67 dBm
#Peak
Log
10
dB/
Offst
12
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
Copyright 2000-2002 Agilent Technologies


Agilent
L
Freq/Channel
FCC ID:A98-KMP6J1N1 COND SPURS C-661
Mkr1 1.949 GHz
Ref 30 dBm
Atten 30 dB
-40.24 dBm
#Peak
Log
10
dB/
Offst
12
dB
Dl
-13.0
dBm
LgAv
M1 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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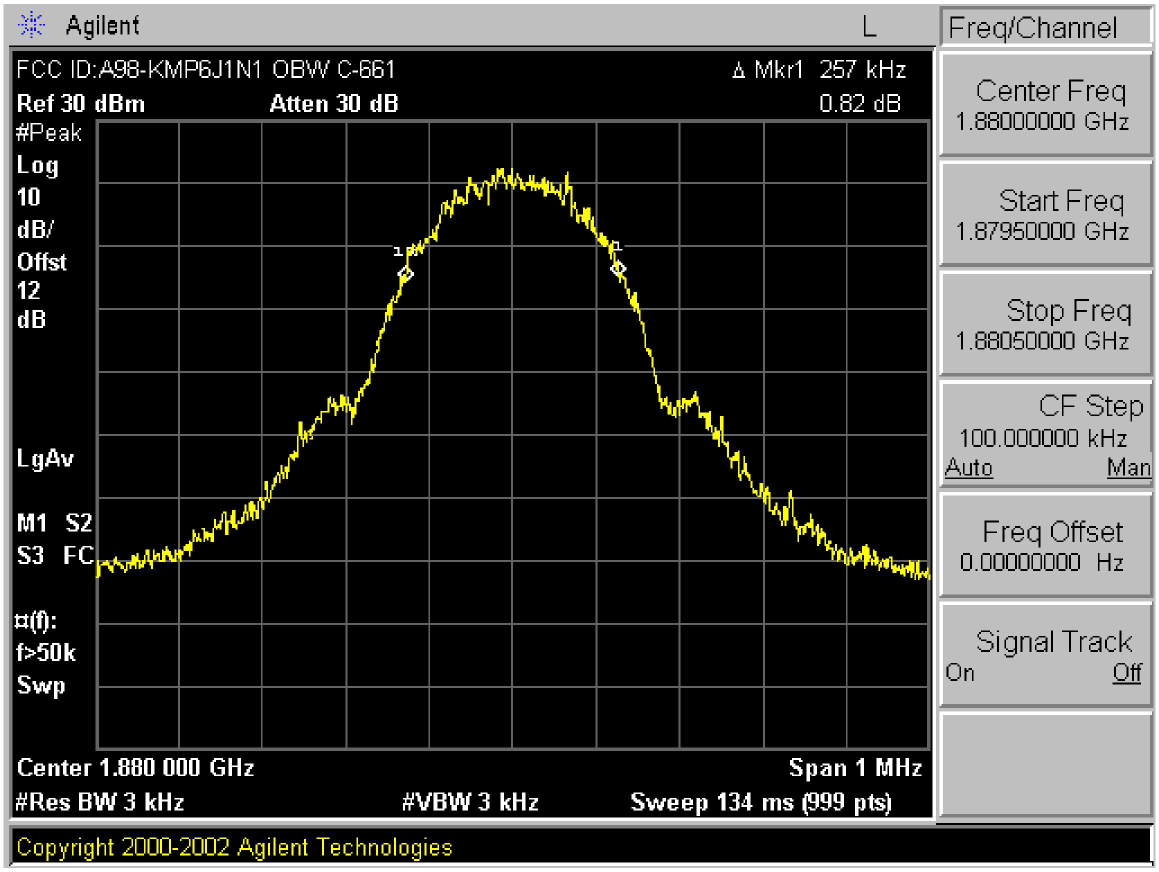
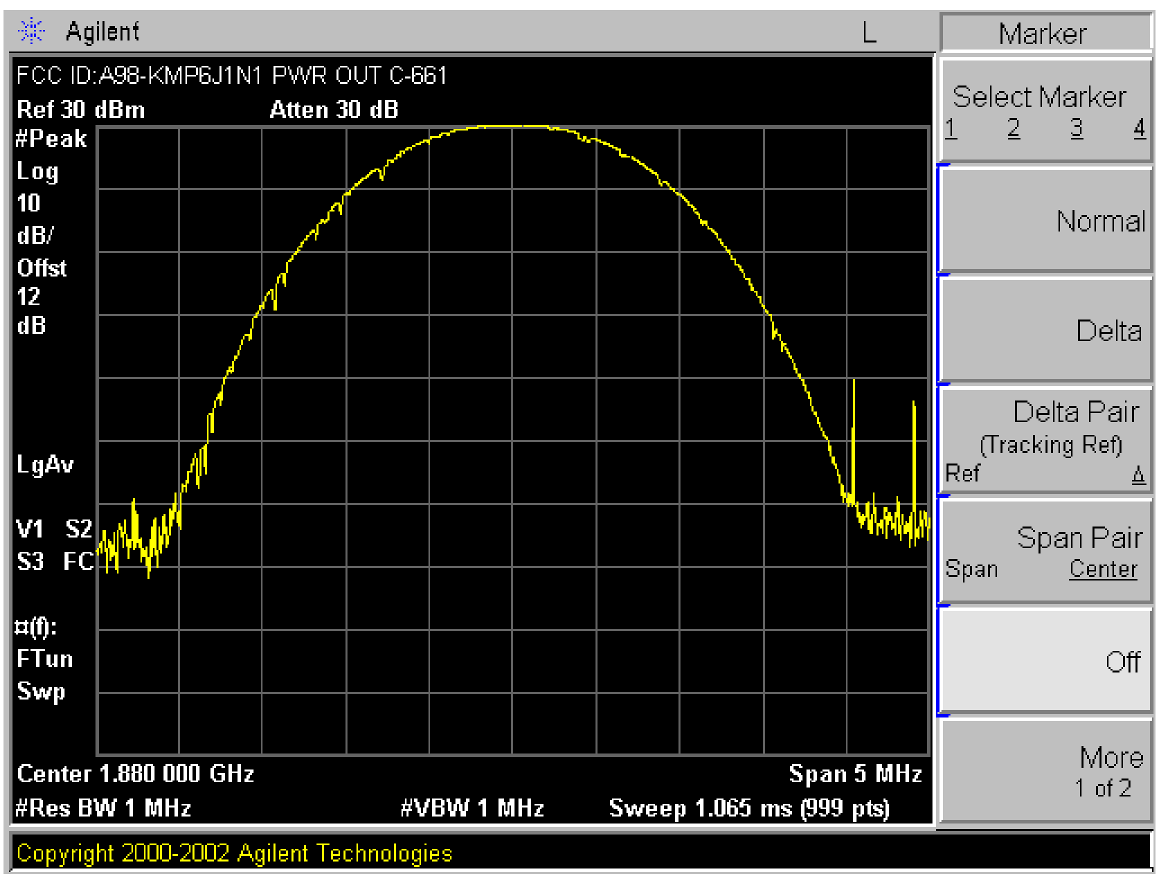
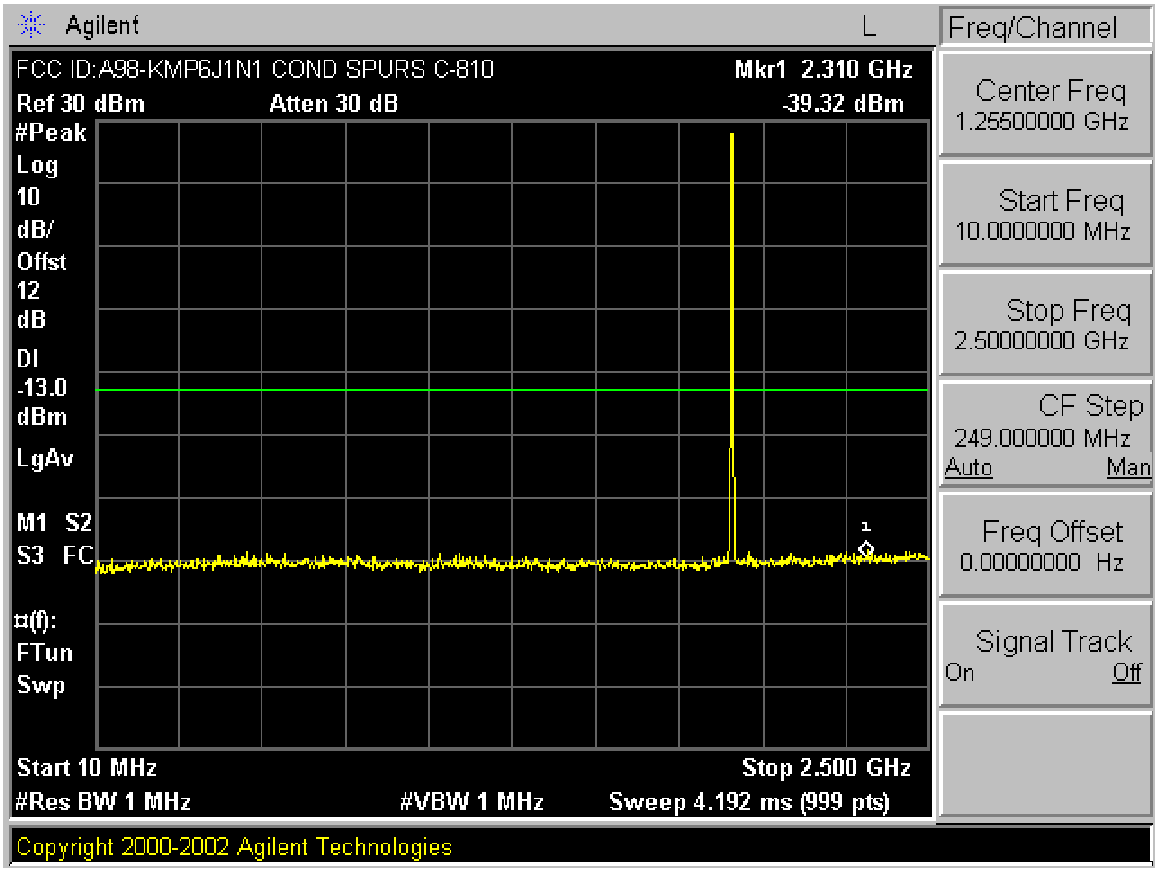
L
Freq/Channel
FCC ID:A98-KMP6J1N1 COND SPURS C-661
Mkr1 14.21 GHz
Ref 30 dBm
Atten 30 dB
-30.76 dBm
#Peak
Log
10
dB/
Offst
12
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
¤(f):
FTun
Swp
Start 2.50 GHz
Stop 20.00 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 43.78 ms (999 pts)
Center Freq
11.2500000 GHz
Start Freq
2.50000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.75000000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

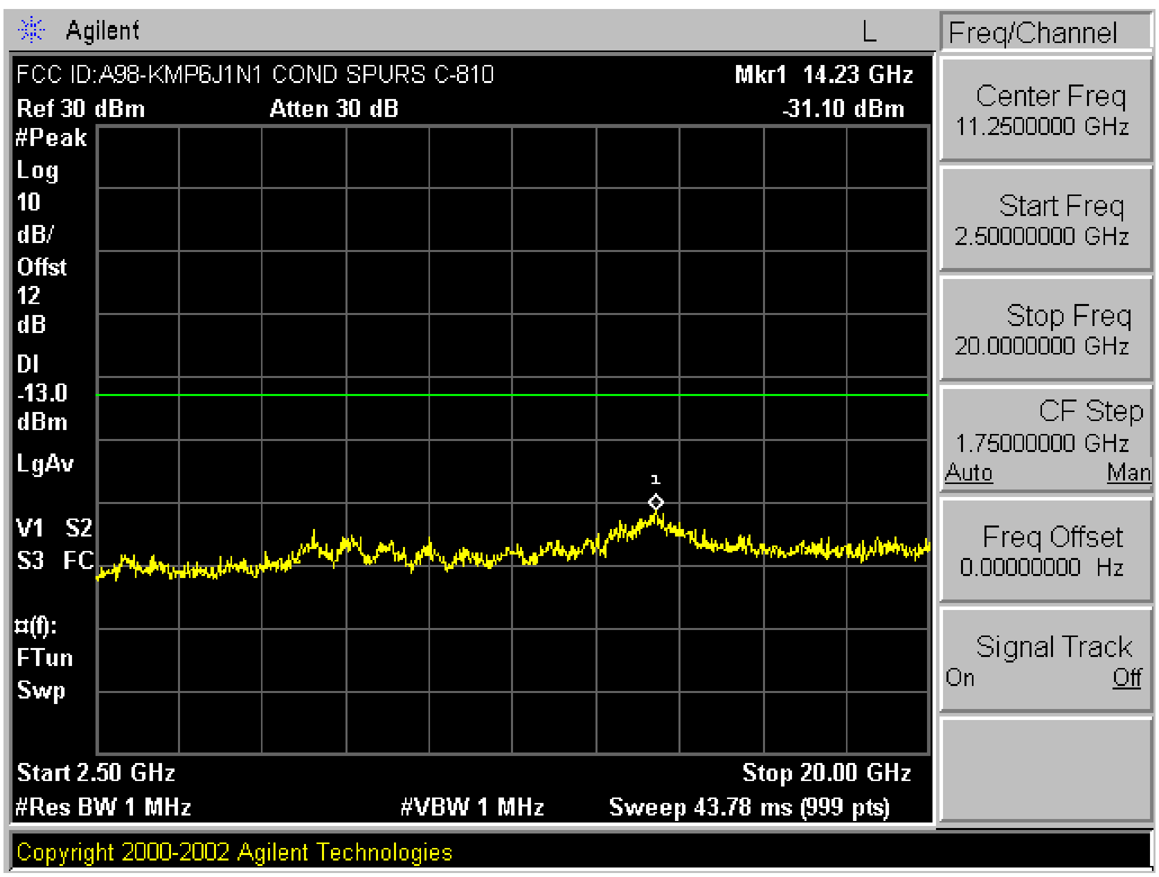


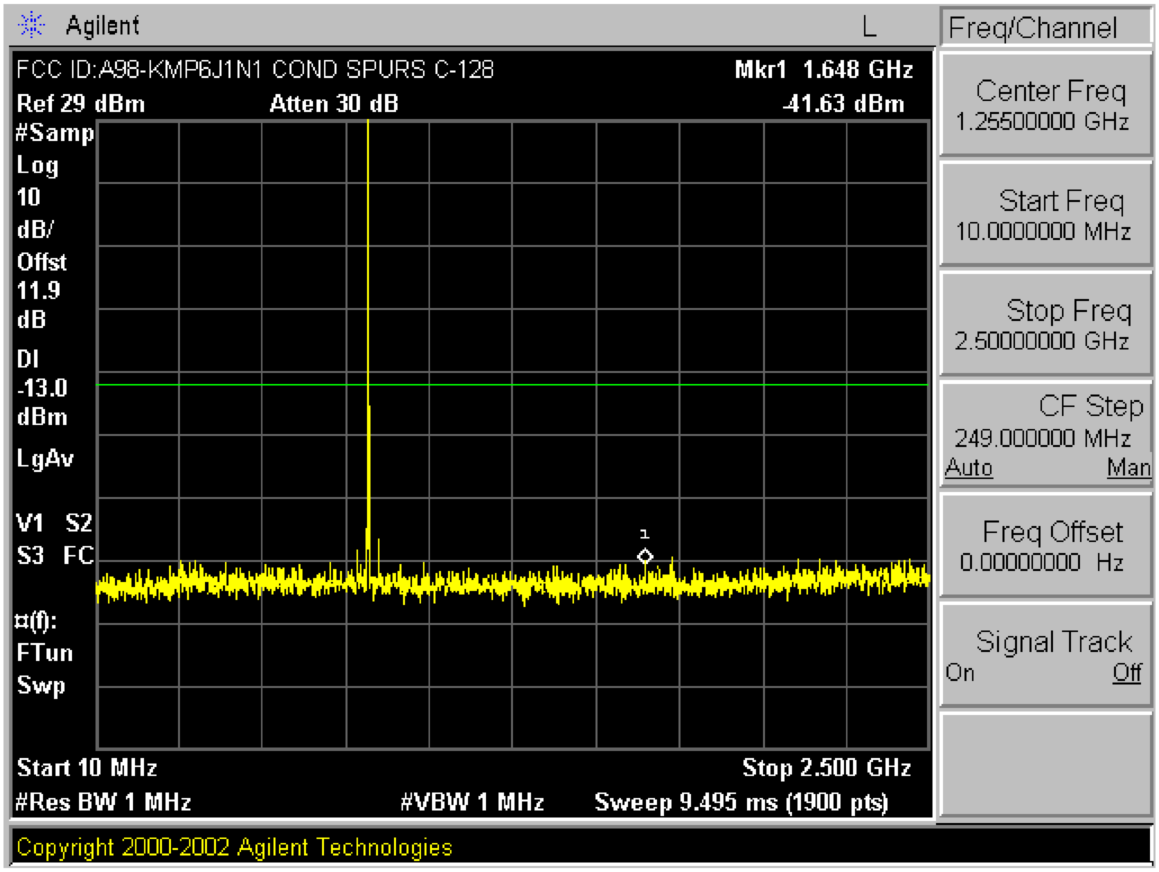
Agilent
L
Freq/Channel
FCC ID:A98-KMP6J1N1 OBW C-661
Δ Mkr1 257 kHz
Ref 30 dBm
Atten 30 dB
0.82 dB
#Peak
Log
10
dB/
Offst
12
dB
LgAv
M1 S2
S3 FC
¤(f):
f>50k
Swp
Center 1.880 000 GHz
Span 1 MHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 134 ms (999 pts)
Center Freq
1.88000000 GHz
Start Freq
1.87950000 GHz
Stop Freq
1.88050000 GHz
CF Step
100.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

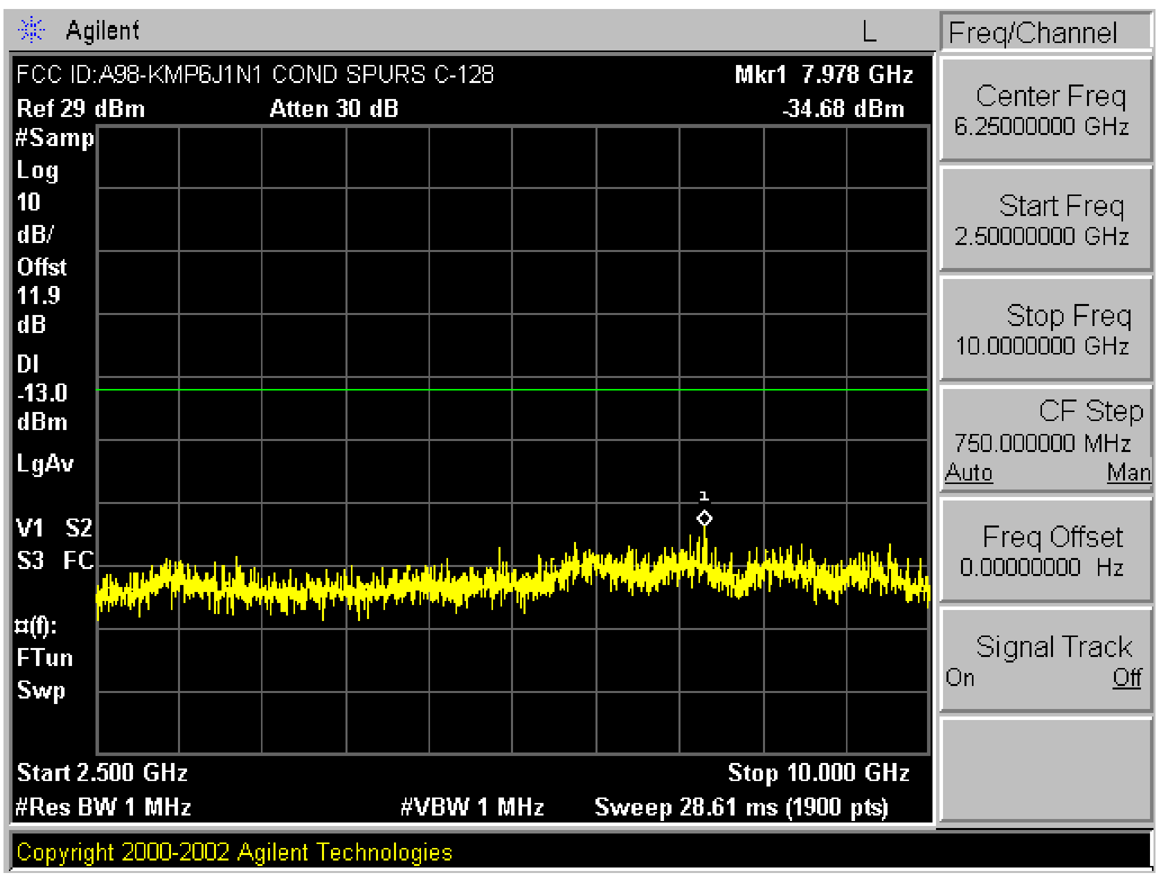


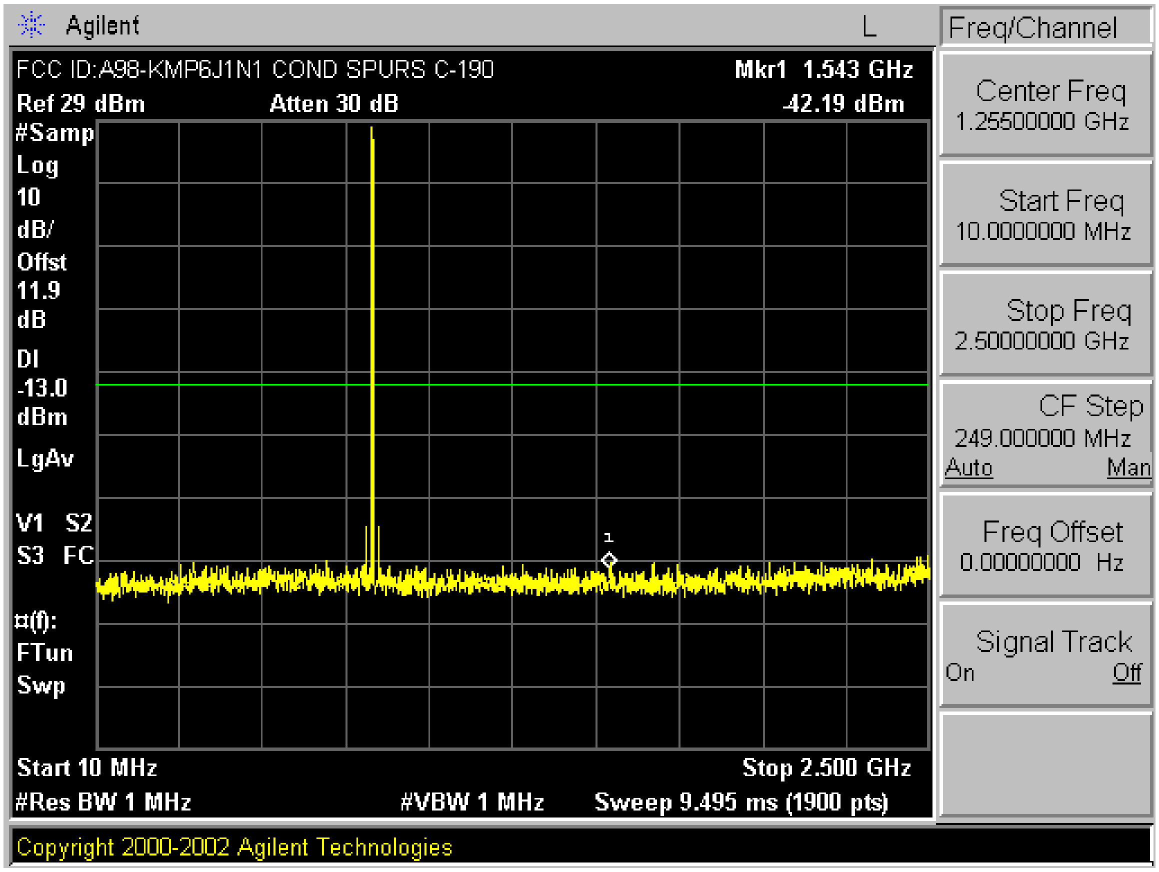
Agilent
L
Marker
FCC ID:A98-KMP6J1N1 PWR OUT C-661
Ref 30 dBm
Atten 30 dB
#Peak
Log
10
dB/
Offst
12
dB
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Center 1.880 000 GHz
Span 5 MHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 1.065 ms (999 pts)
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref Δ
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2002 Agilent Technologies


Agilent
L
Freq/Channel
FCC ID:A98-KMP6J1N1 COND SPURS C-810
Mkr1 2.310 GHz
Ref 30 dBm
Atten 30 dB
-39.32 dBm
#Peak
Log
10
dB/
Offst
12
dB
Dl
-13.0
dBm
LgAv
M1 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:A98-KMP6J1N1 COND SPURS C-810
Mkr1 14.23 GHz
Ref 30 dBm
Atten 30 dB
-31.10 dBm
#Peak
Log
10
dB/
Offst
12
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
Copyright 2000-2002 Agilent Technologies


Agilent
L
Freq/Channel
FCC ID:A98-KMP6J1N1 COND SPURS C-128
Mkr1 1.648 GHz
Ref 29 dBm
Atten 30 dB
-41.63 dBm
#Samp
Log
10
dB/
Offst
11.9
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 9.495 ms (1900 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:A98-KMP6J1N1 COND SPURS C-128
Mkr1 7.978 GHz
Ref 29 dBm
Atten 30 dB
-34.68 dBm
#Samp
Log
10
dB/
Offst
11.9
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 28.61 ms (1900 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:A98-KMP6J1N1 COND SPURS C-190
Mkr1 1.543 GHz
Ref 29 dBm
Atten 30 dB
-42.19 dBm
#Samp
Log
10
dB/
Offst
11.9
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 9.495 ms (1900 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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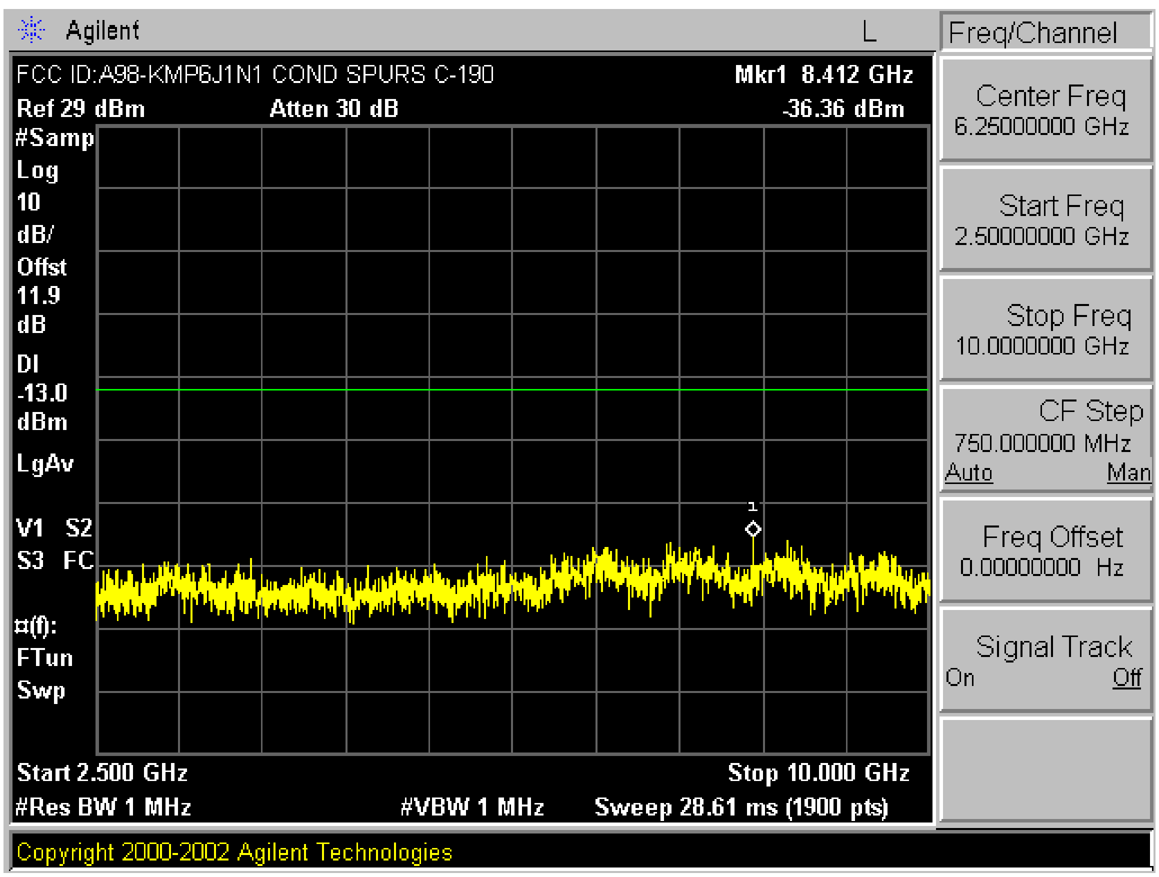
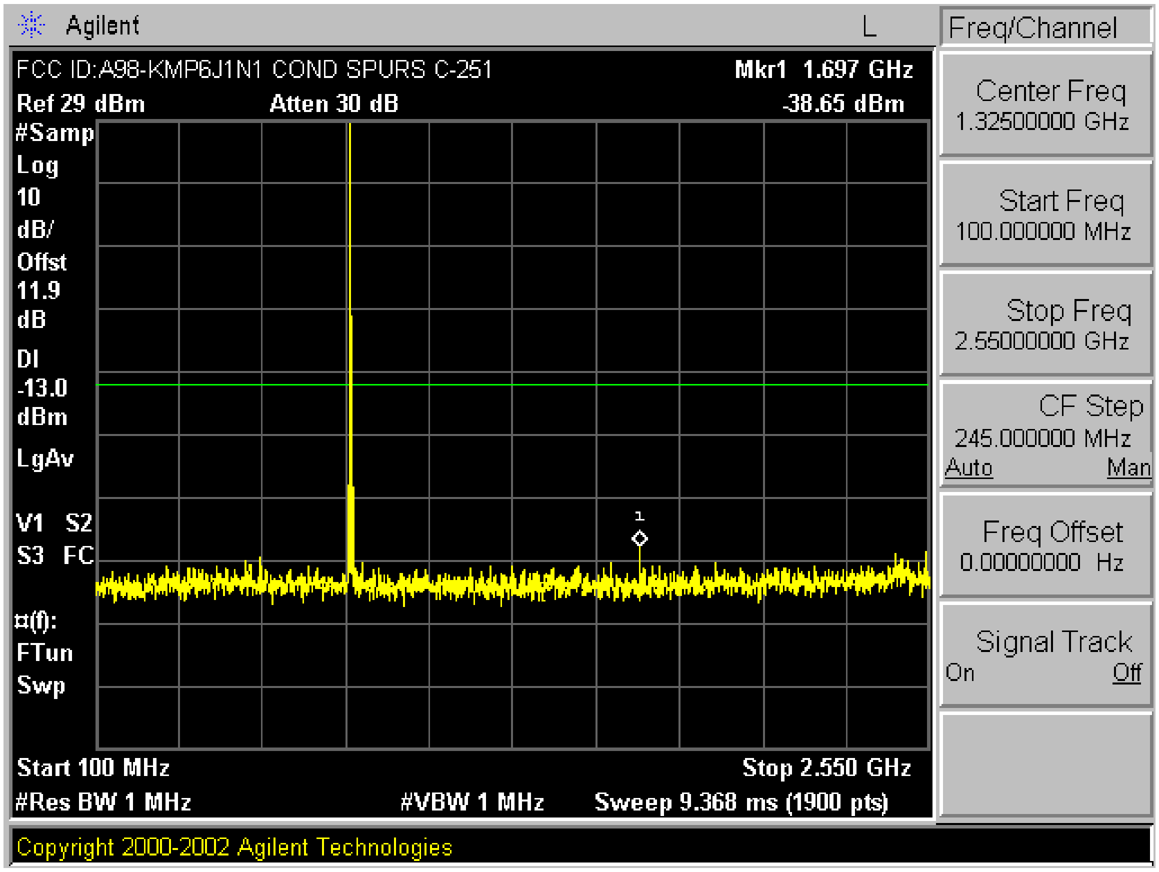
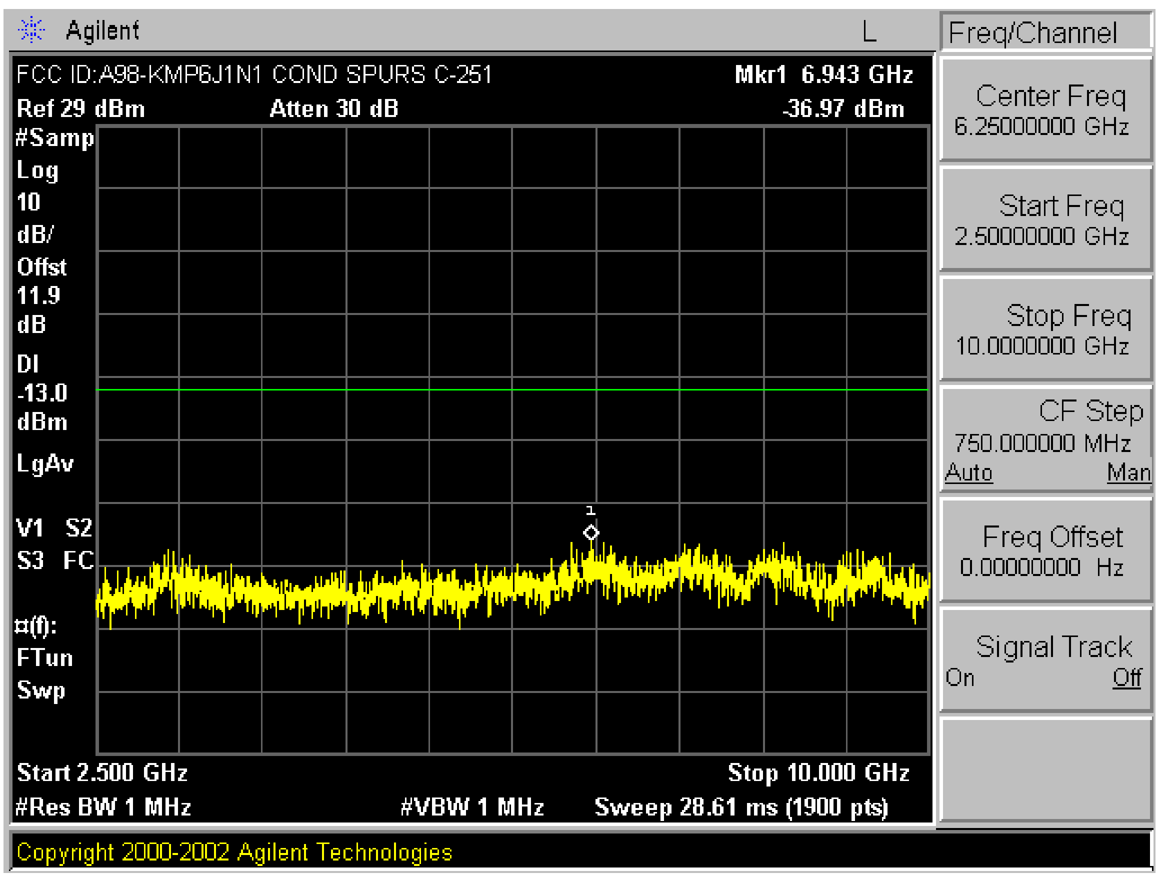

Agilent
Freq/Channel
FCC ID:A98-KMP6J1N1 COND SPURS C-190
Mkr1 8.412 GHz
Ref 29 dBm
Atten 30 dB
-36.36 dBm
#Samp
Log
10
dB/
Offst
11.9
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
FTun
Swp
Start 2.500 GHz
Stop 10.000 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 28.61 ms (1900 pts)
Center Freq
6.25000000 GHz
Start Freq
2.50000000 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:A98-KMP6J1N1 COND SPURS C-251
Mkr1 1.697 GHz
Ref 29 dBm
Atten 30 dB
-38.65 dBm
#Samp
Log
10
dB/
Offst
11.9
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
FTun
Swp
Start 100 MHz
Stop 2.550 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 9.368 ms (1900 pts)
Center Freq
1.32500000 GHz
Start Freq
100.000000 MHz
Stop Freq
2.55000000 GHz
CF Step
245.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies


Agilent
Freq/Channel
FCC ID:A98-KMP6J1N1 COND SPURS C-251
Mkr1 6.943 GHz
Ref 29 dBm
Atten 30 dB
-36.97 dBm
#Samp
Log
10
dB/
Offst
11.9
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
FTun
Swp
Start 2.500 GHz
Stop 10.000 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 28.61 ms (1900 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
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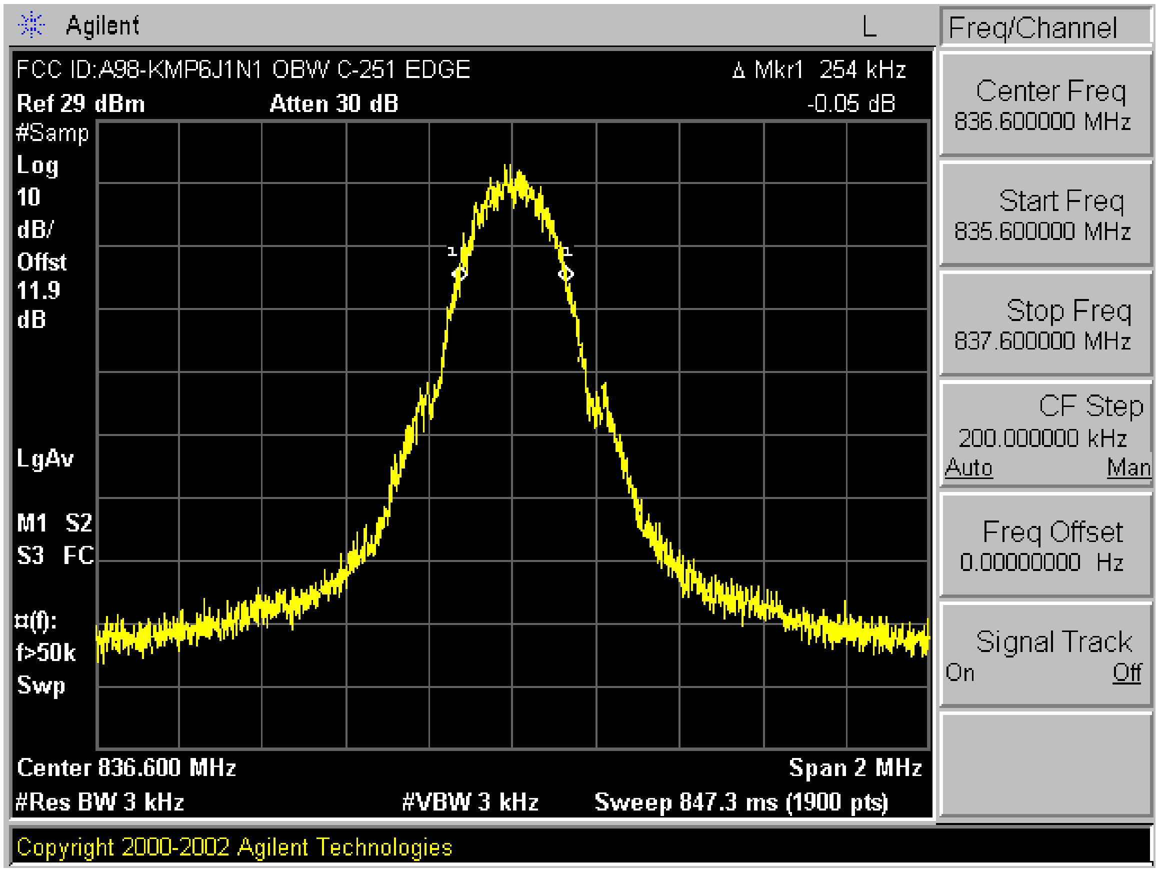
Agilent
L
Freq/Channel
FCC ID:A98-KMP6J1N1 OBW C-251 EDGE
Δ Mkr1 254 kHz
Ref 29 dBm
Atten 30 dB
-0.05 dB
#Samp
Log
10
dB/
Offst
11.9
dB
LgAv
M1 S2
S3 FC
¤(f):
f>50k
Swp
Center 836.600 MHz
Span 2 MHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 847.3 ms (1900 pts)
Center Freq
836.600000 MHz
Start Freq
835.600000 MHz
Stop Freq
837.600000 MHz
CF Step
200.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
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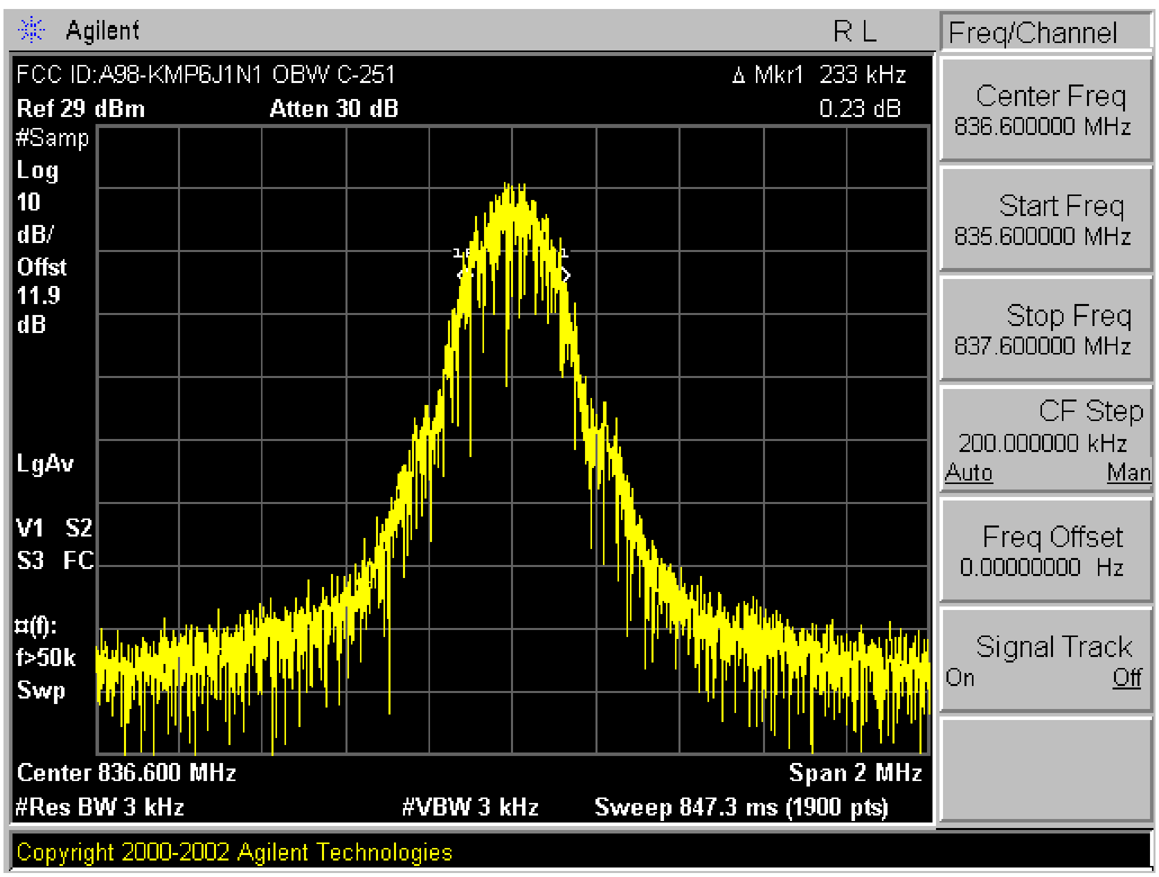
Agilent
R L
Freq/Channel
FCC ID:A98-KMP6J1N1 OBW C-251
Δ Mkr1 233 kHz
Ref 29 dBm
Atten 30 dB
0.23 dB
#Samp
Log
10
dB/
Offst
11.9
dB
LgAv
V1 S2
S3 FC
¤(f):
f>50k
Swp
Center 836.600 MHz
Span 2 MHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 847.3 ms (1900 pts)
Center Freq
836.600000 MHz
Start Freq
835.600000 MHz
Stop Freq
837.600000 MHz
CF Step
200.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
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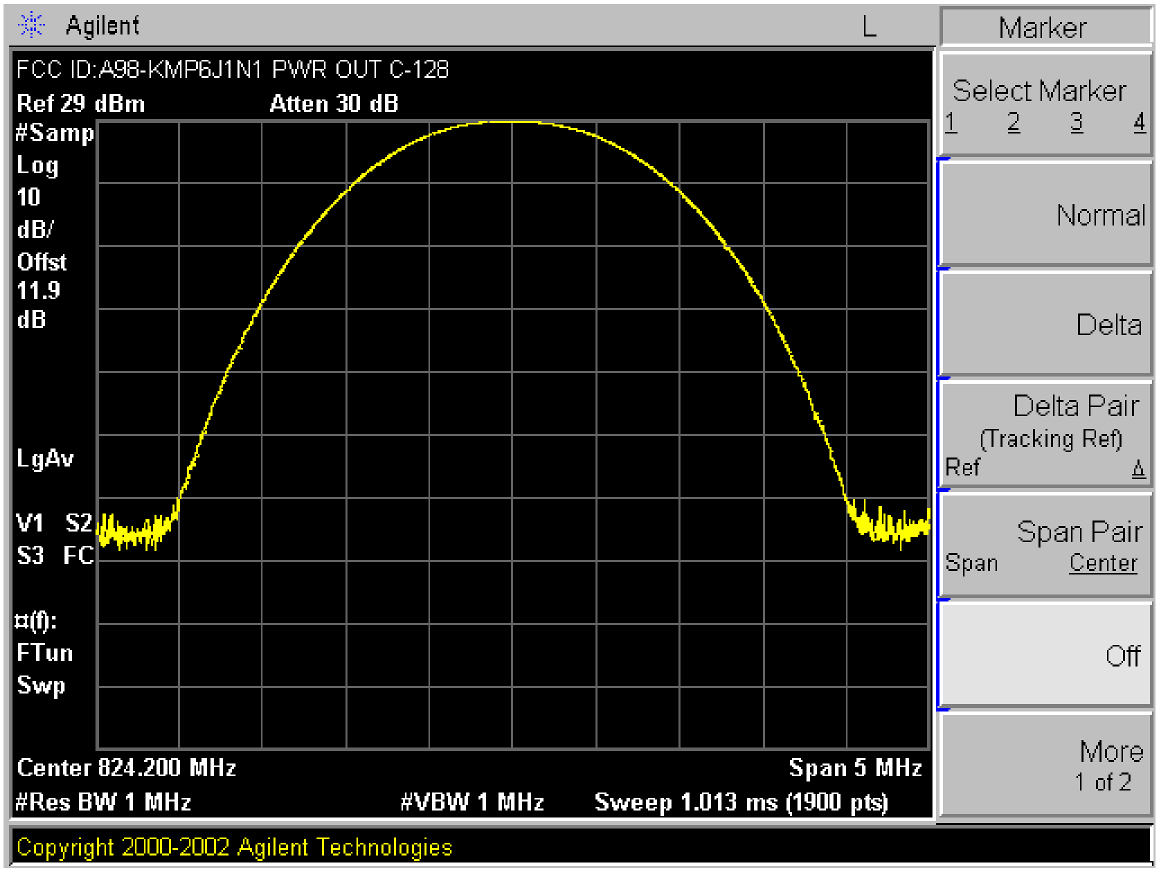
Agilent
L
Marker
FCC ID:A98-KMP6J1N1 PWR OUT C-128
Ref 29 dBm
Atten 30 dB
#Samp
Log
10
dB/
Offst
11.9
dB
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Center 824.200 MHz
Span 5 MHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 1.013 ms (1900 pts)
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref Δ
Span Pair
Span Center
Off
More
1 of 2
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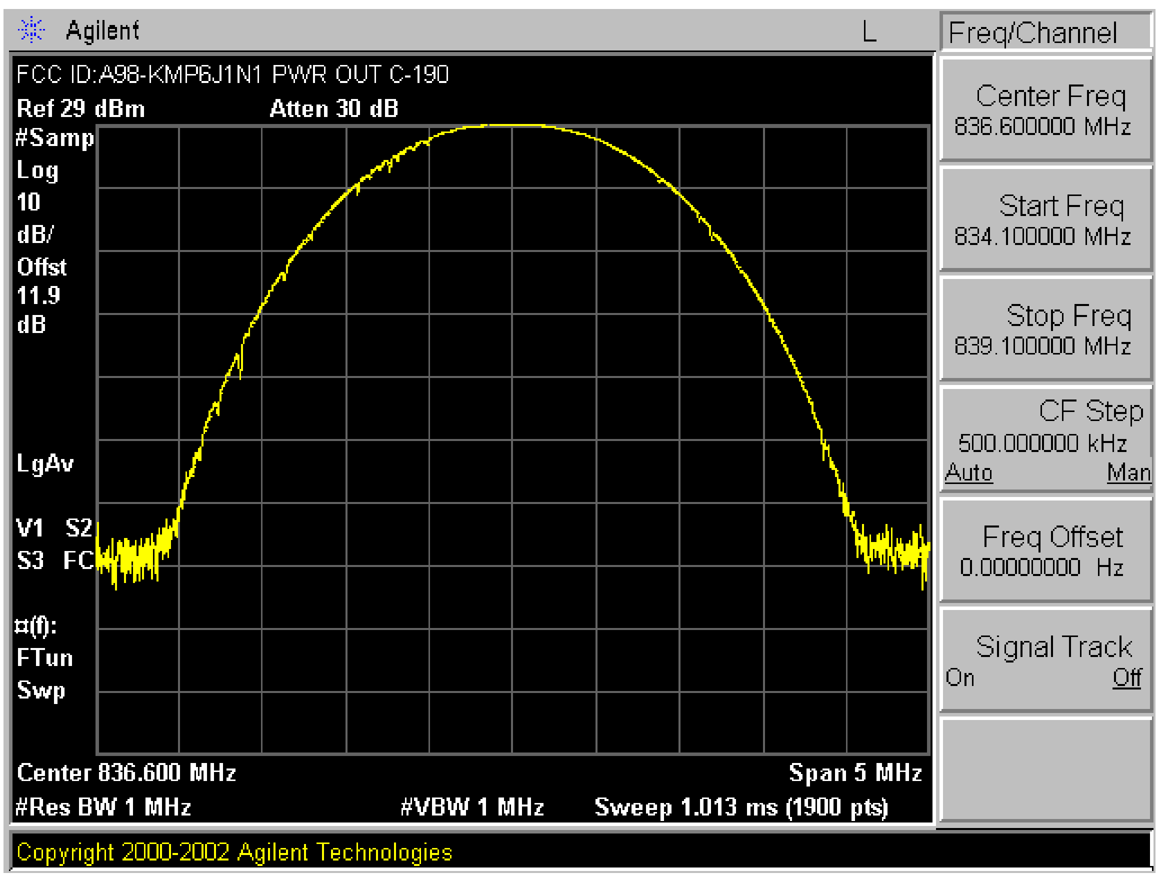
Agilent
L
Freq/Channel
FCC ID:A98-KMP6J1N1 PWR OUT C-190
Ref 29 dBm
Atten 30 dB
#Samp
Log
10
dB/
Offst
11.9
dB
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Center 836.600 MHz
Span 5 MHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 1.013 ms (1900 pts)
Center Freq
836.600000 MHz
Start Freq
834.100000 MHz
Stop Freq
839.100000 MHz
CF Step
500.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
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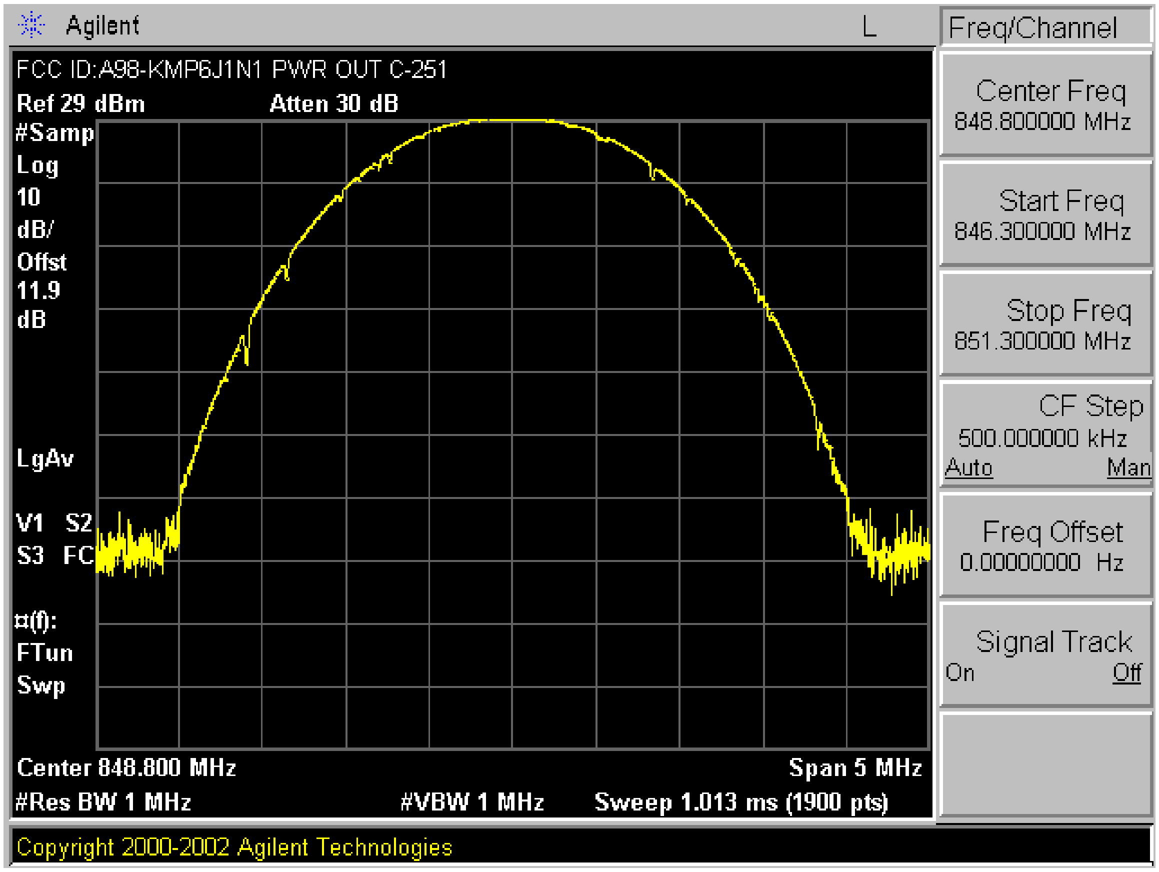
Agilent
L
Freq/Channel
FCC ID:A98-KMP6J1N1 PWR OUT C-251
Ref 29 dBm
Atten 30 dB
#Samp
Log
10
dB/
Offst
11.9
dB
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Center 848.800 MHz
Span 5 MHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 1.013 ms (1900 pts)
Center Freq
848.800000 MHz
Start Freq
846.300000 MHz
Stop Freq
851.300000 MHz
CF Step
500.000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
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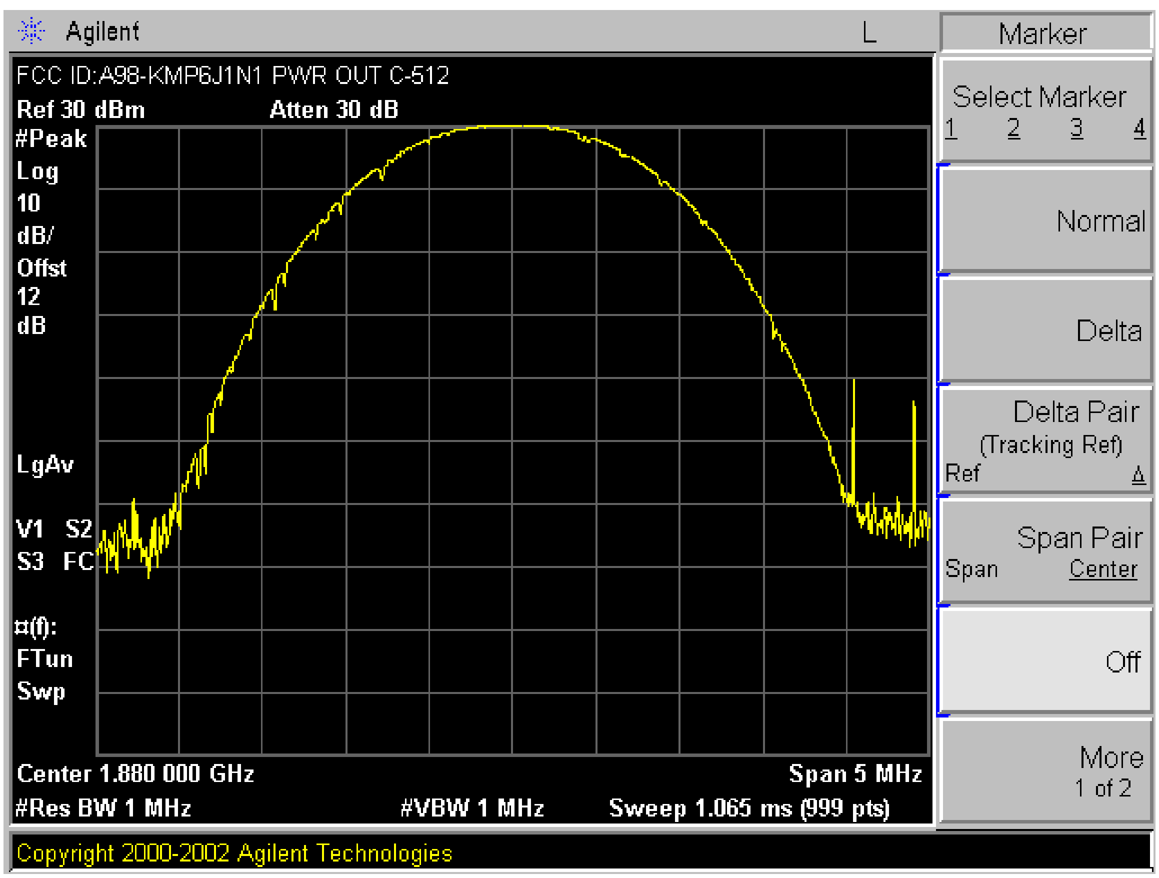
Agilent
L
Marker
FCC ID:A98-KMP6J1N1 PWR OUT C-512
Ref 30 dBm
Atten 30 dB
#Peak
Log
10
dB/
Offst
12
dB
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Center 1.880 000 GHz
Span 5 MHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 1.065 ms (999 pts)
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref Δ
Span Pair
Span Center
Off
More
1 of 2
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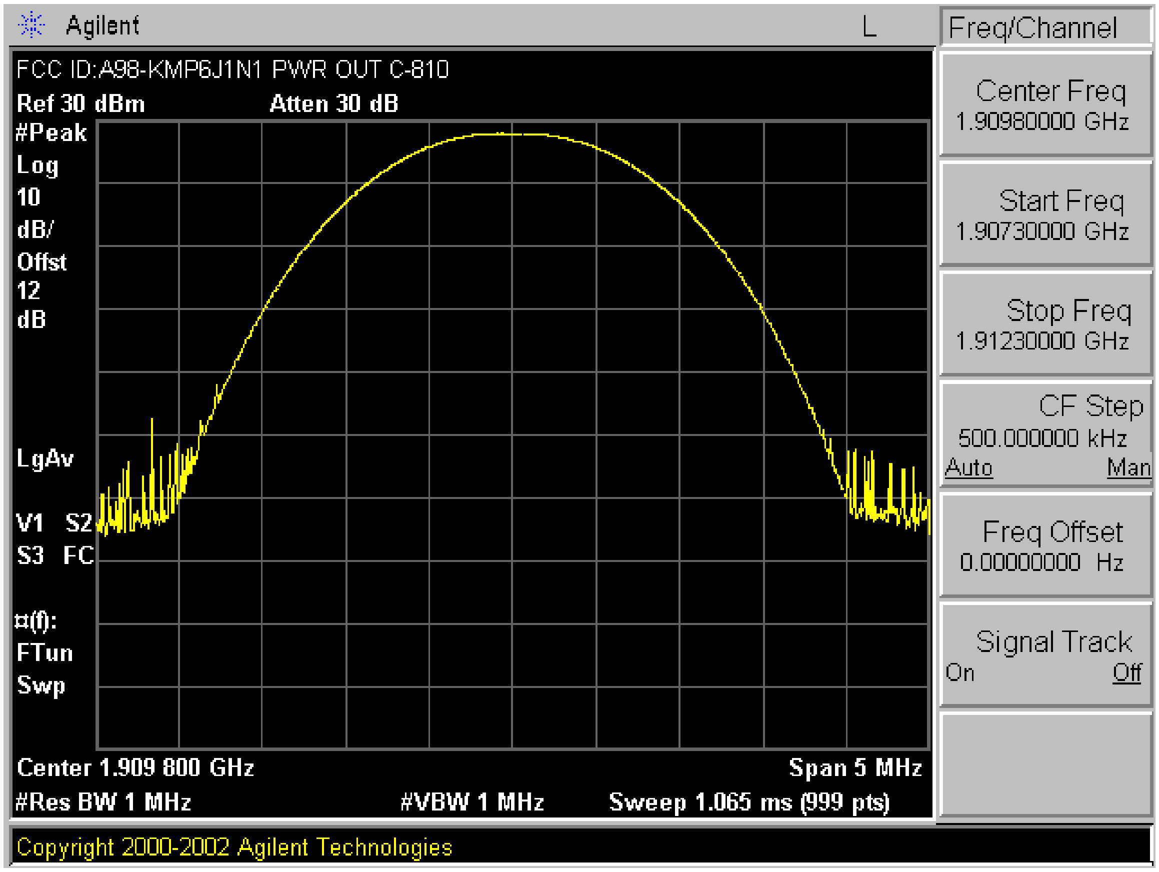
Agilent
L
Freq/Channel
FCC ID:A98-KMP6J1N1 PWR OUT C-810
Ref 30 dBm
Atten 30 dB
#Peak
Log
10
dB/
Offst
12
dB
LgAv
V1 S2
S3 FC
¤(f):
FTun
Swp
Center 1.909 800 GHz
Span 5 MHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 1.065 ms (999 pts)
Center Freq
1.90980000 GHz
Start Freq
1.90730000 GHz
Stop Freq
1.91230000 GHz
CF Step
500.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
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