

7.1 Test Data

7.2 A MPS Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 824.04 MHz
 CHANNEL: 0991 (Low)
 MEASURED OUTPUT POWER: 27.973 dBm = 0.627 W
 MODULATION SIGNAL: FM (Internal)
 DISTANCE: 3 meters
 LIMIT: $43 + 10 \log_{10} (W) =$ 40.97 dBc

FREQ . (MHz)	LEVEL (dBm)	POL (H/V)	(dBc)
1648.08	-42.88	V	70.8
2472.12	-44.08	V	72.0
3296.16	-47.98	V	75.9
4120.20	-54.28	V	82.2

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. 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)

7.3A MPS Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 836.49 MHz
 CHANNEL: 0383 (Mid)
 MEASURED OUTPUT POWER: 27.973 dBm = 0.627 W
 MODULATION SIGNAL: FM (Internal)
 DISTANCE: 3 meters
 LIMIT: $43 + 10 \log_{10} (W) =$ 40.97 dBc

FREQ . (MHz)	LEVEL (dBm)	POL (H/V)	(dBc)
1672.98	-43.98	V	71.9
2509.47	-43.38	V	71.3
3345.96	-46.68	V	74.6
4182.45	-54.18	V	82.1

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. 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 A MPS Radiated Measurements

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 848.97 MHz
 CHANNEL: 0799 (High)
 MEASURED OUTPUT POWER: 27.973 dBm = 0.627 W
 MODULATION SIGNAL: FM (Internal)
 DISTANCE: 3 meters
 LIMIT: $43 + 10 \log_{10} (W) =$ 40.97 dBc

FREQ . (MHz)	RAW LEVEL (dBm)	POL (H/V)	(dBc)
1697.94	-43.28	V	71.2
2546.91	-43.18	V	71.1
3395.88	-46.58	V	74.5
4244.85	-53.28	V	81.2

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. 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.

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H

SANYO

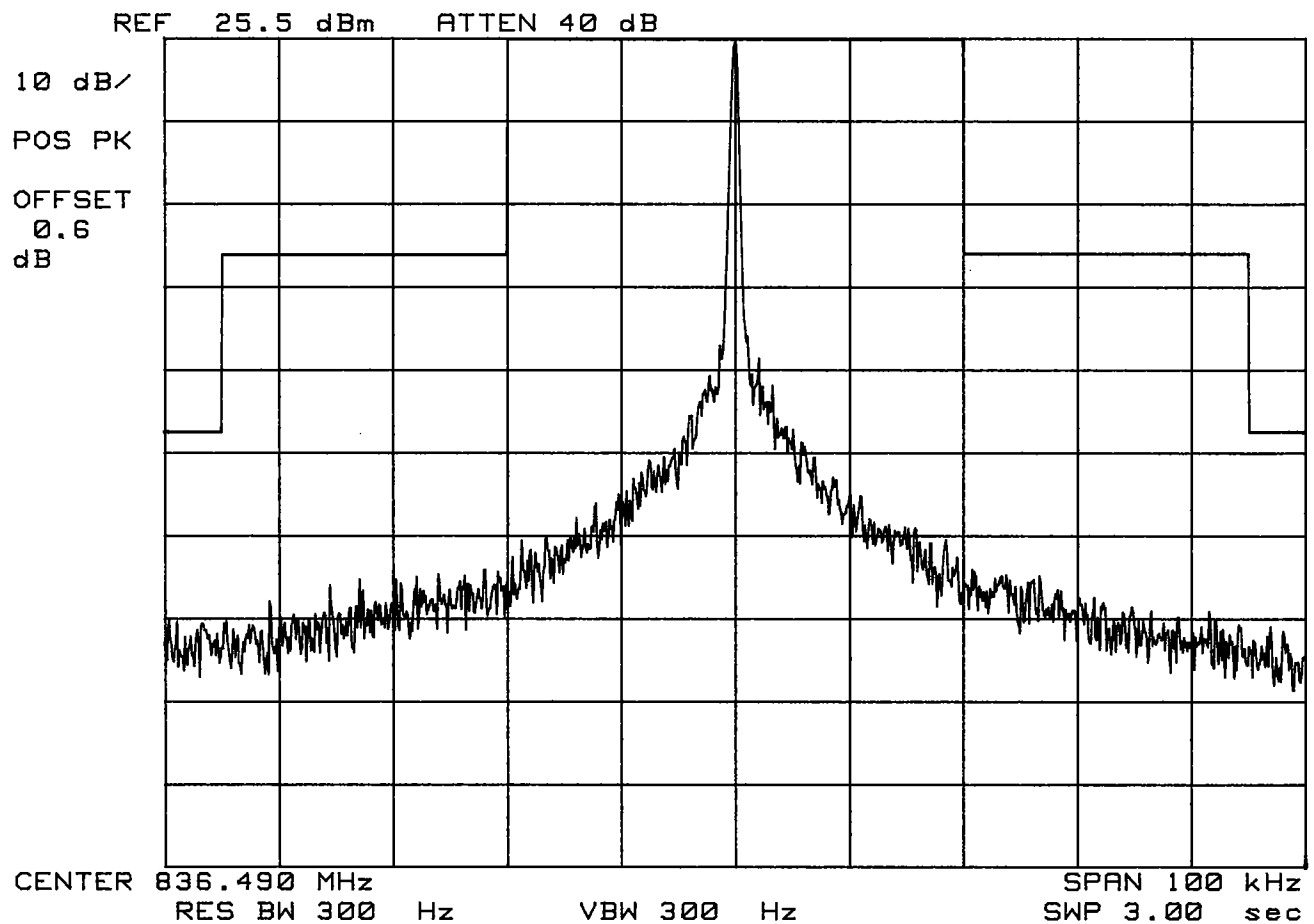
Dual-Band Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:Unmodulated Signal



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SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H

SANYO

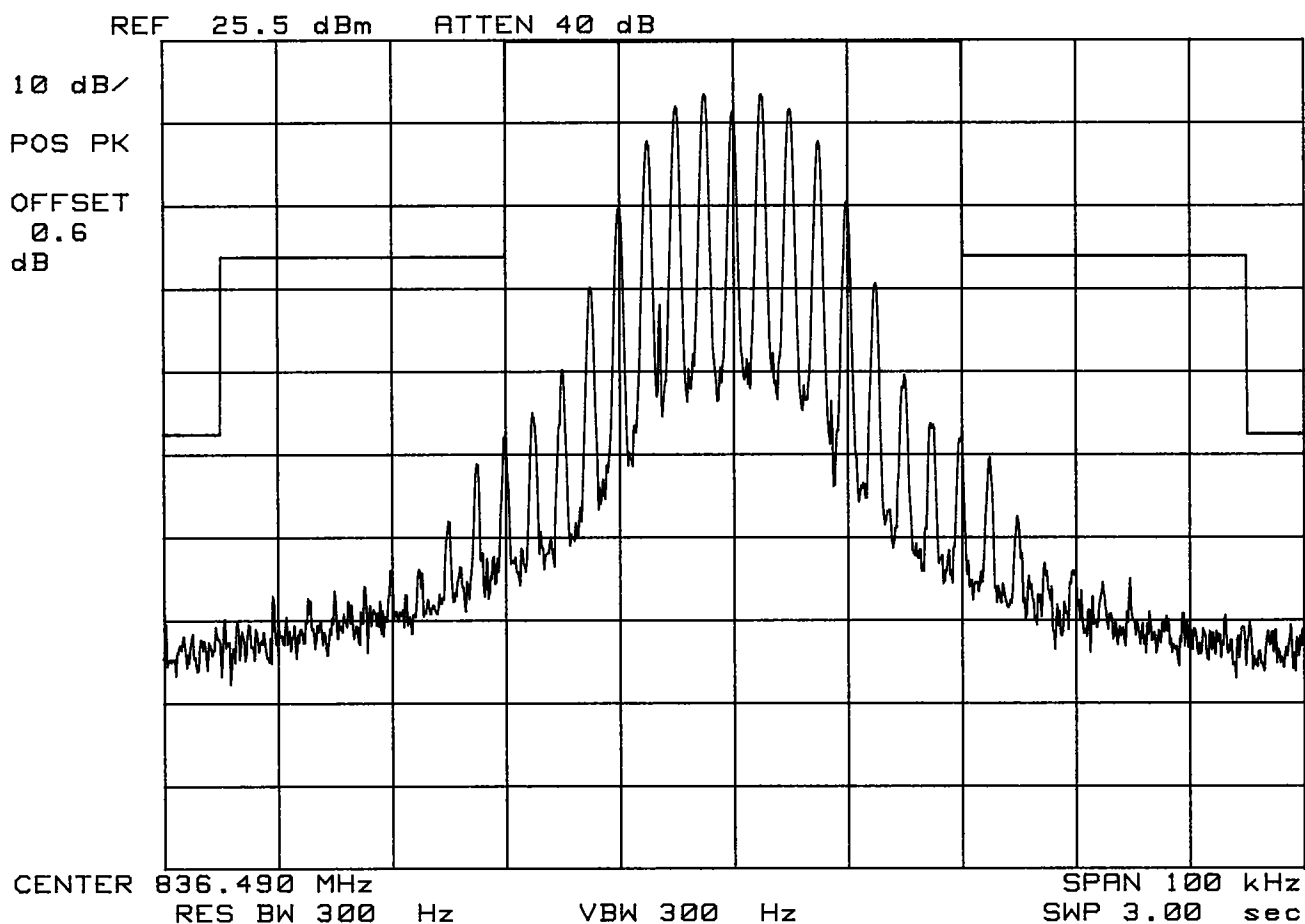
Dual-Band Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:Voice



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SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H

SANYO

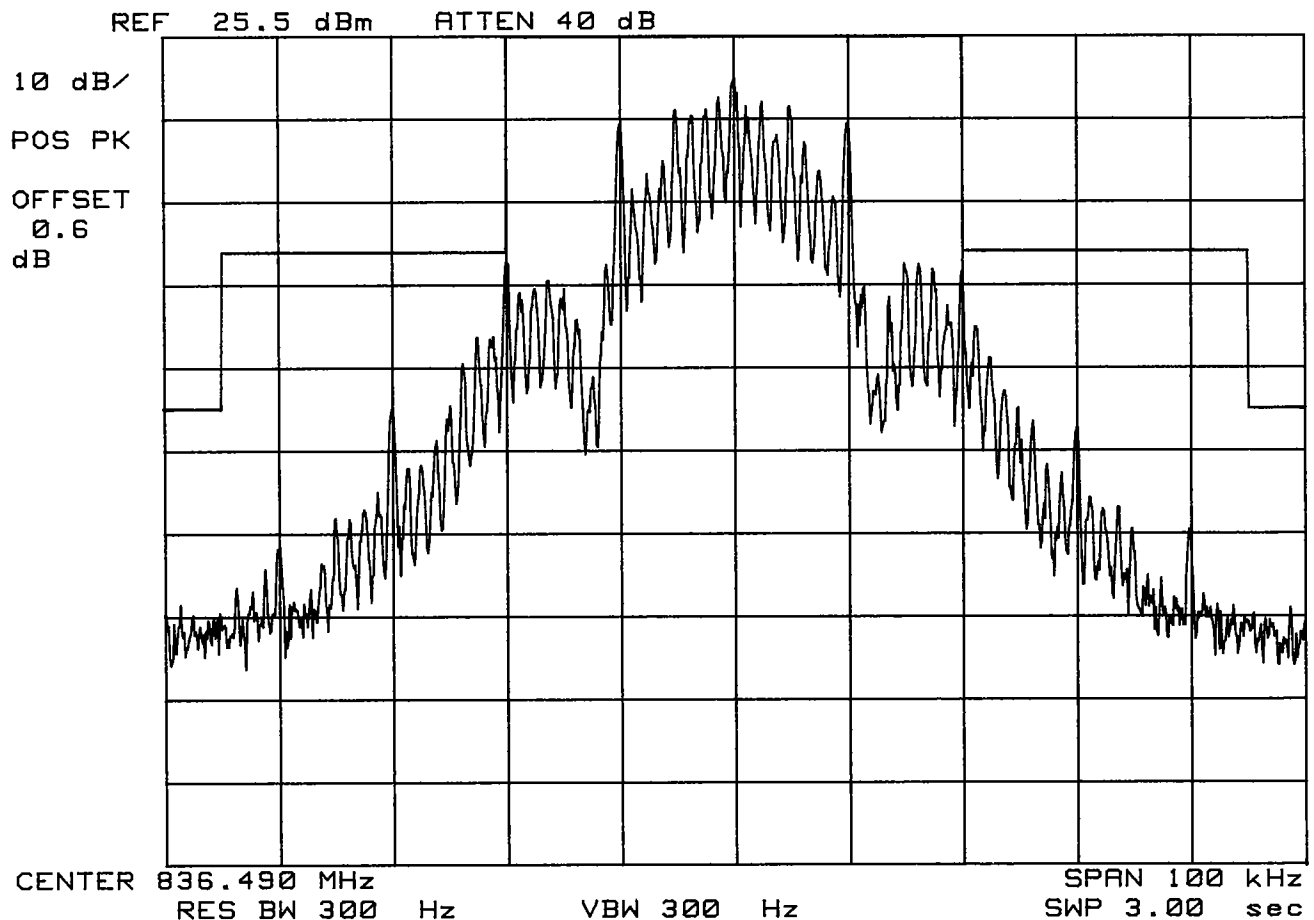
Dual-Band Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:Wide Band Data



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SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H

SANYO

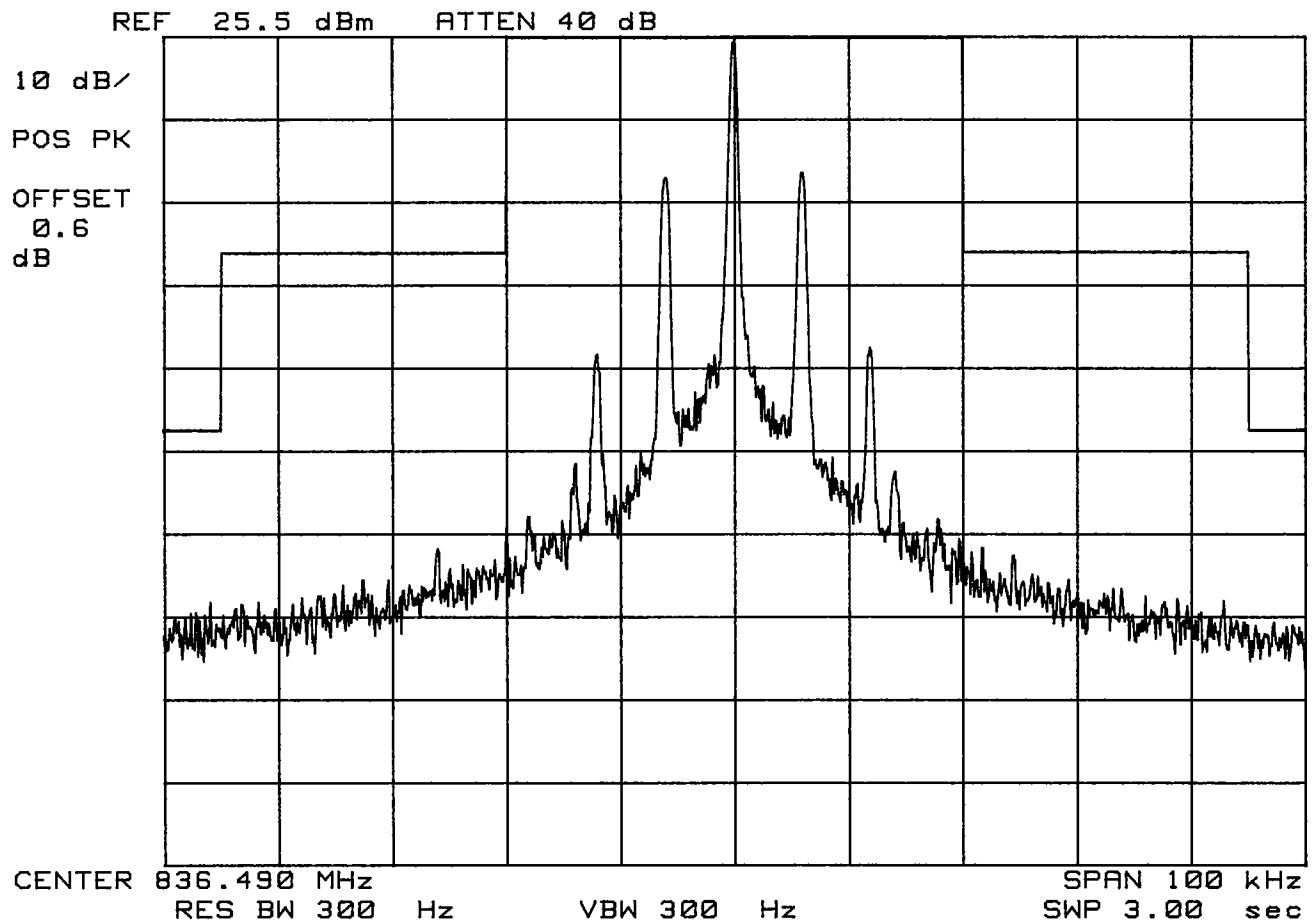
Dual-Band Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:SAT



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SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H

SANYO

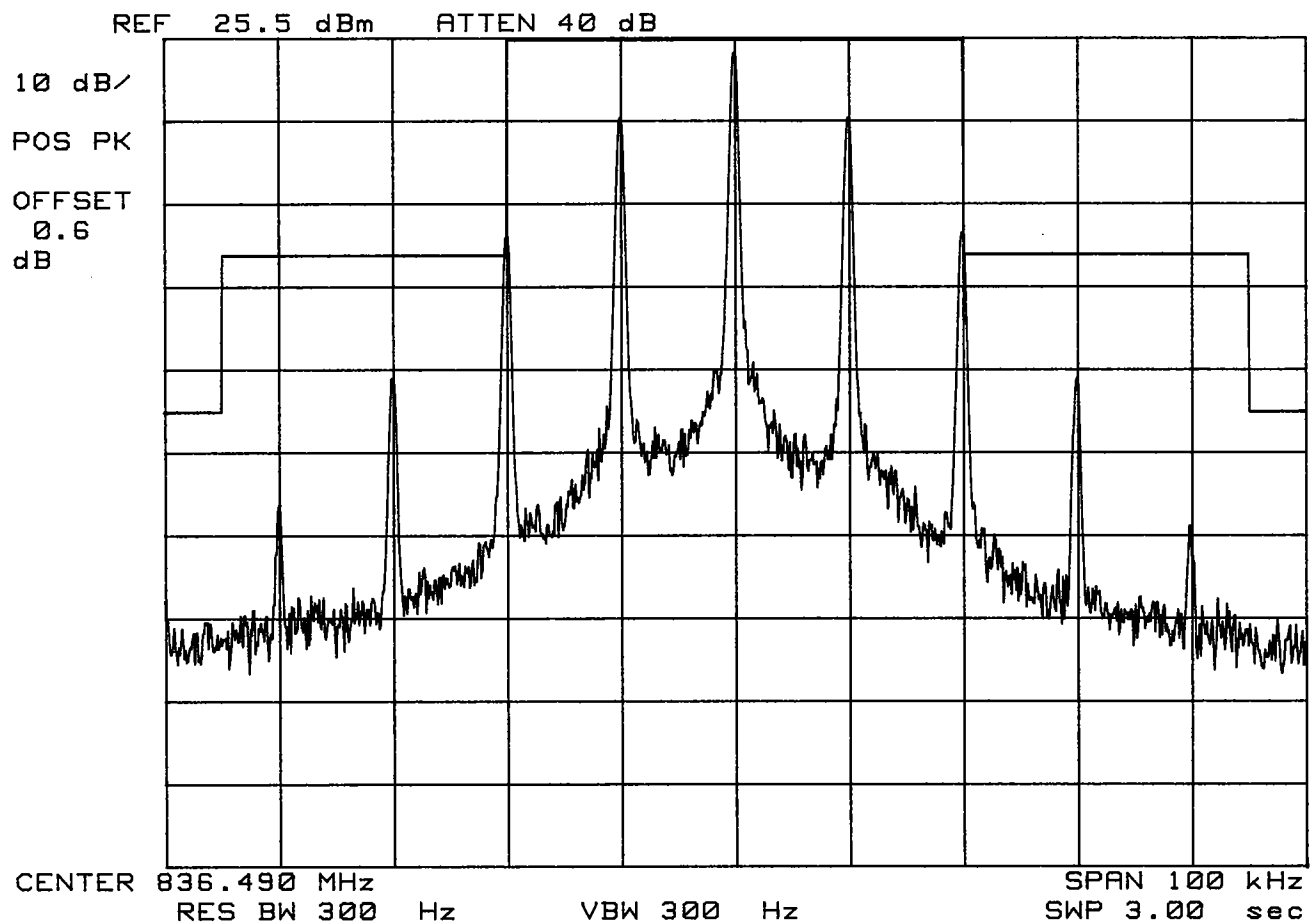
Dual-Band Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:ST



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SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H

SANYO

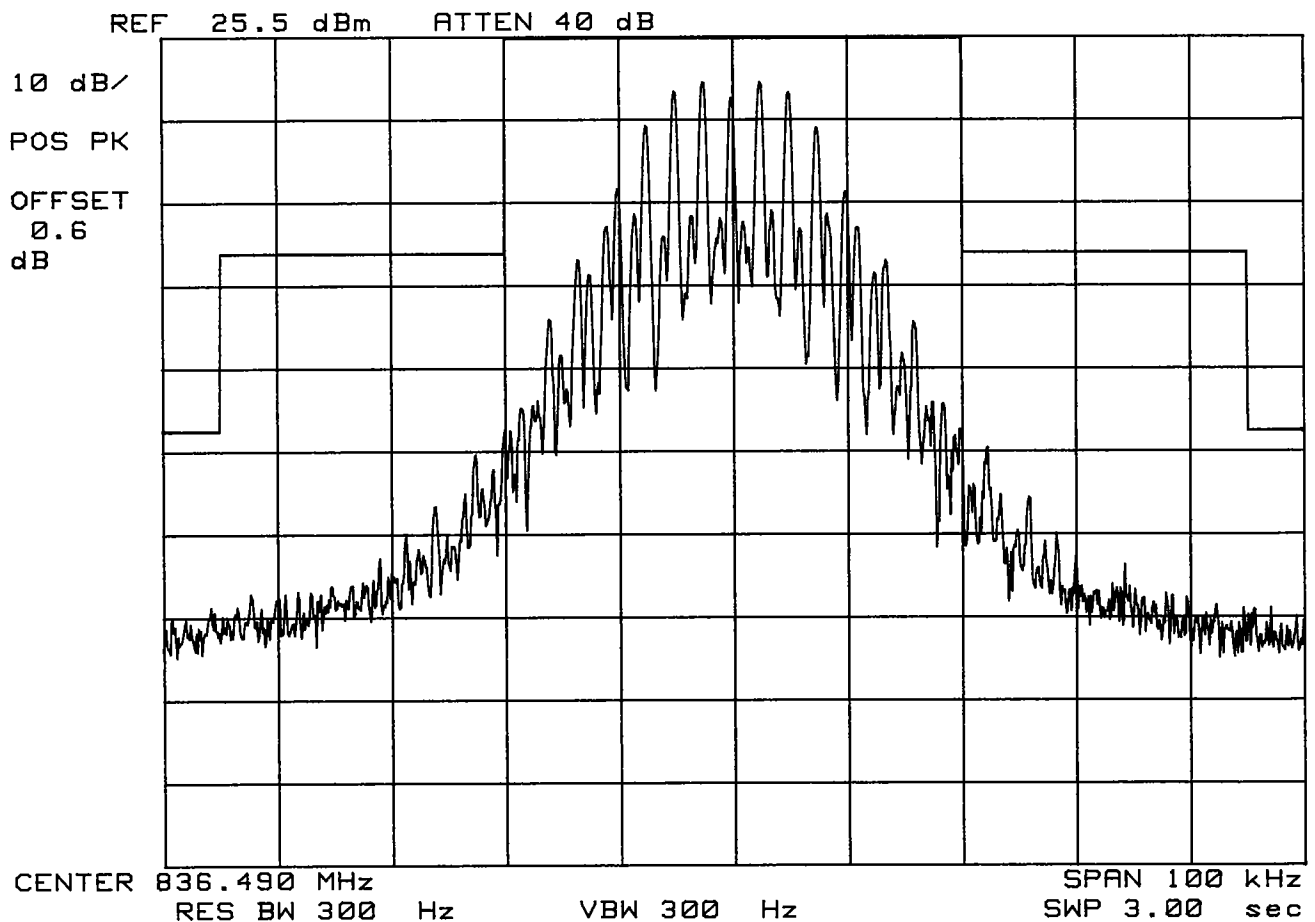
Dual-Band Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:SAT + Voice



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SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H

SANYO

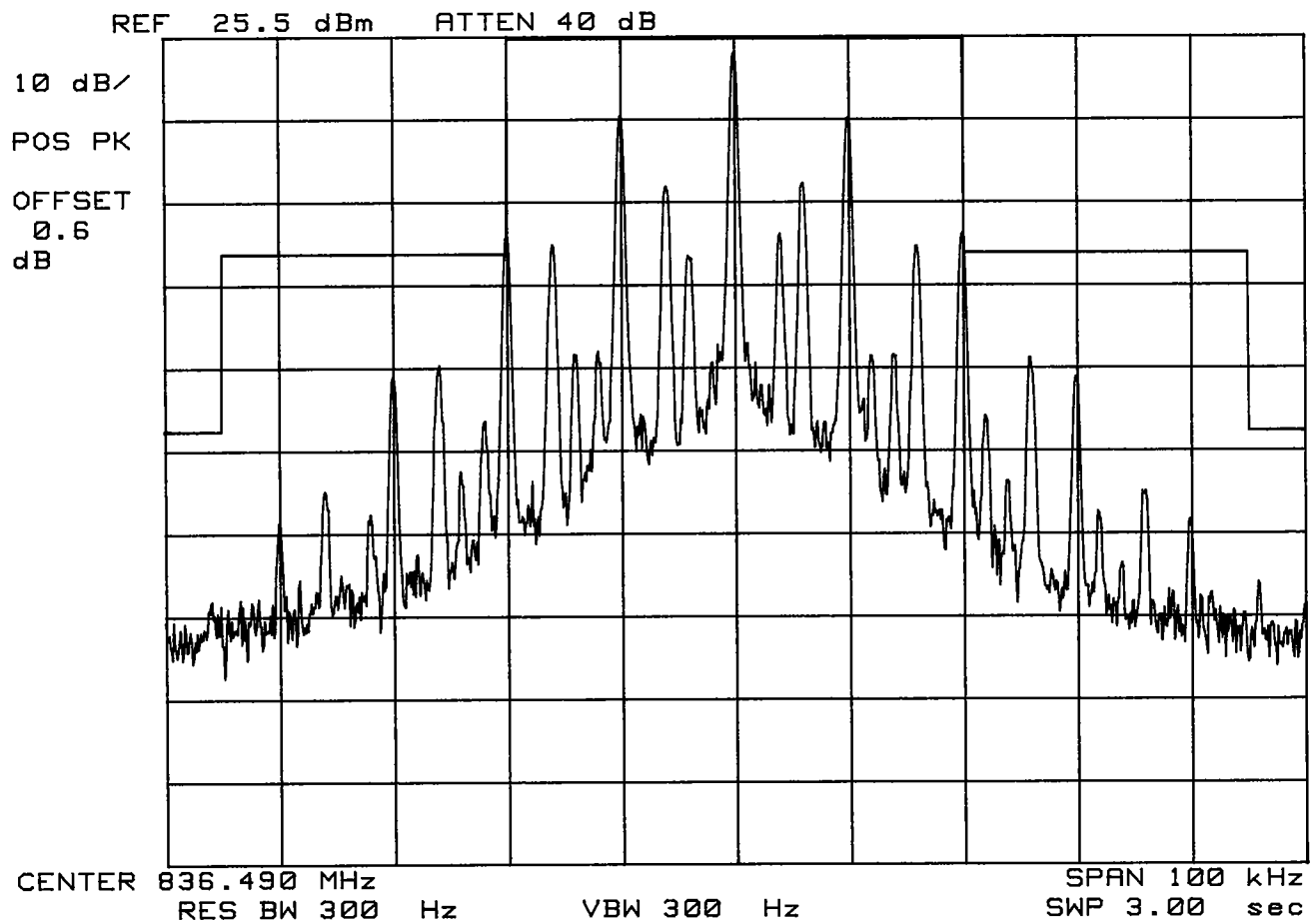
Dual-Band Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:SAT + ST



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SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-49H

SANYO

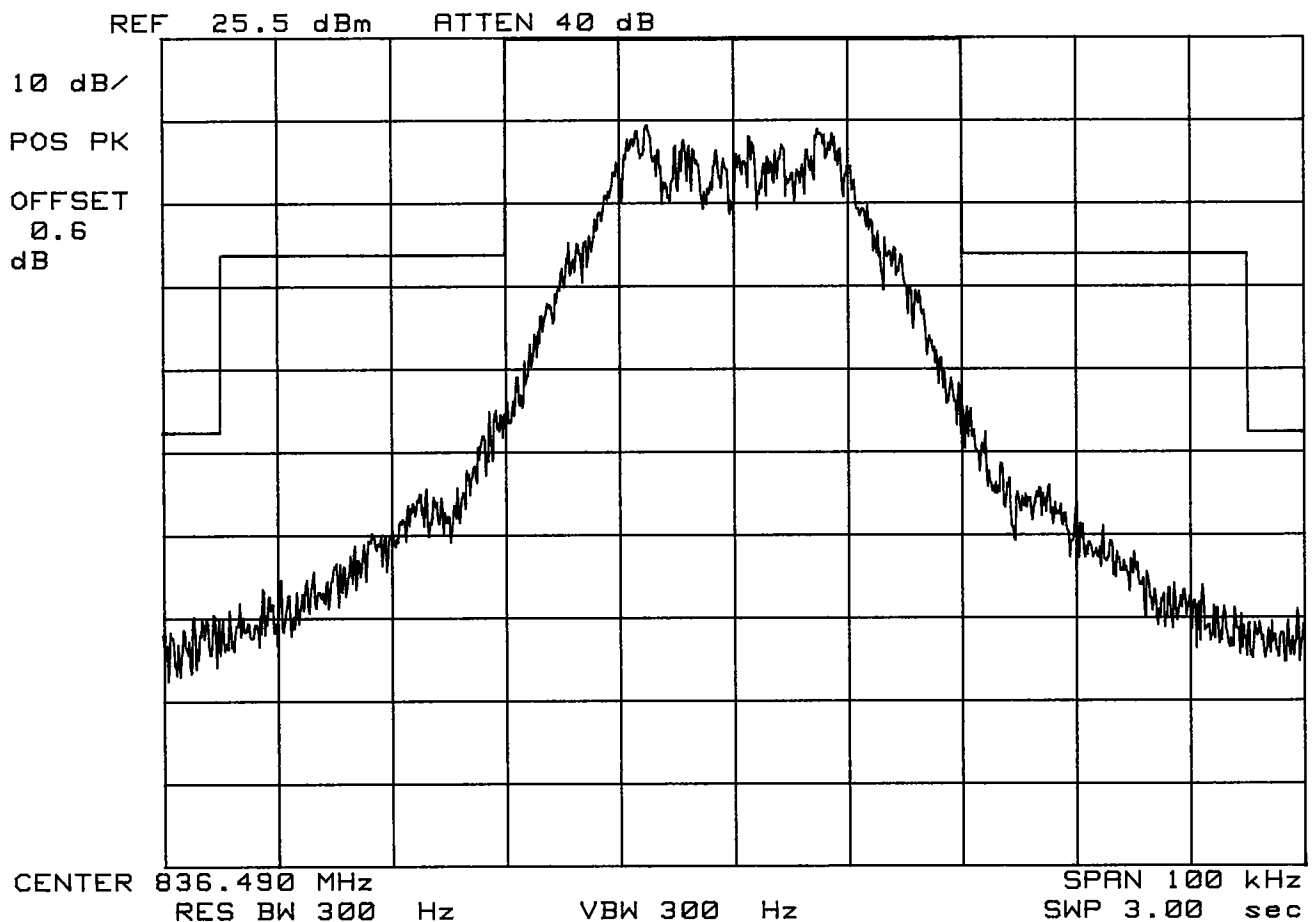
Dual-Band Phone

FM Channel 383

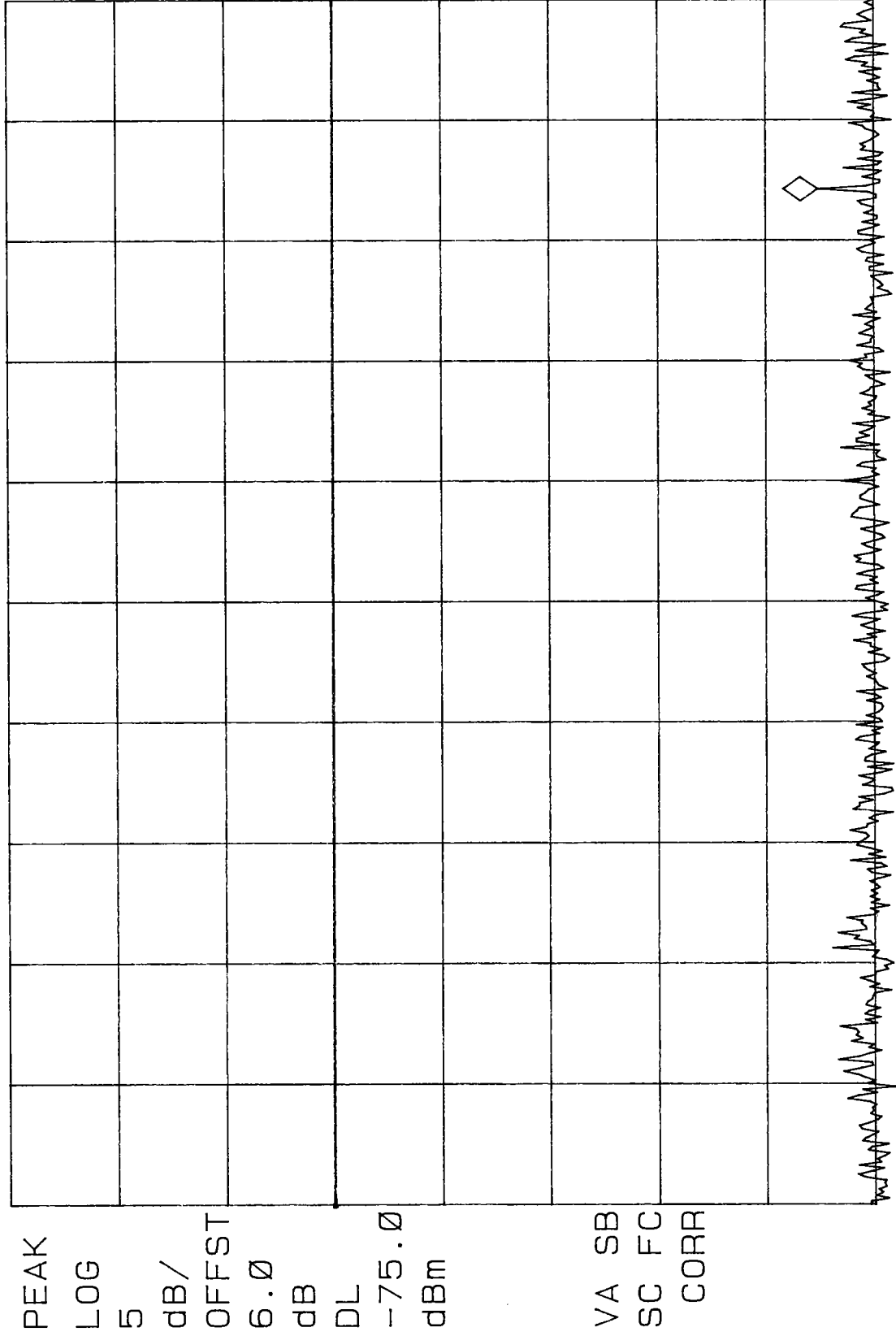
Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:SAT + DTMF

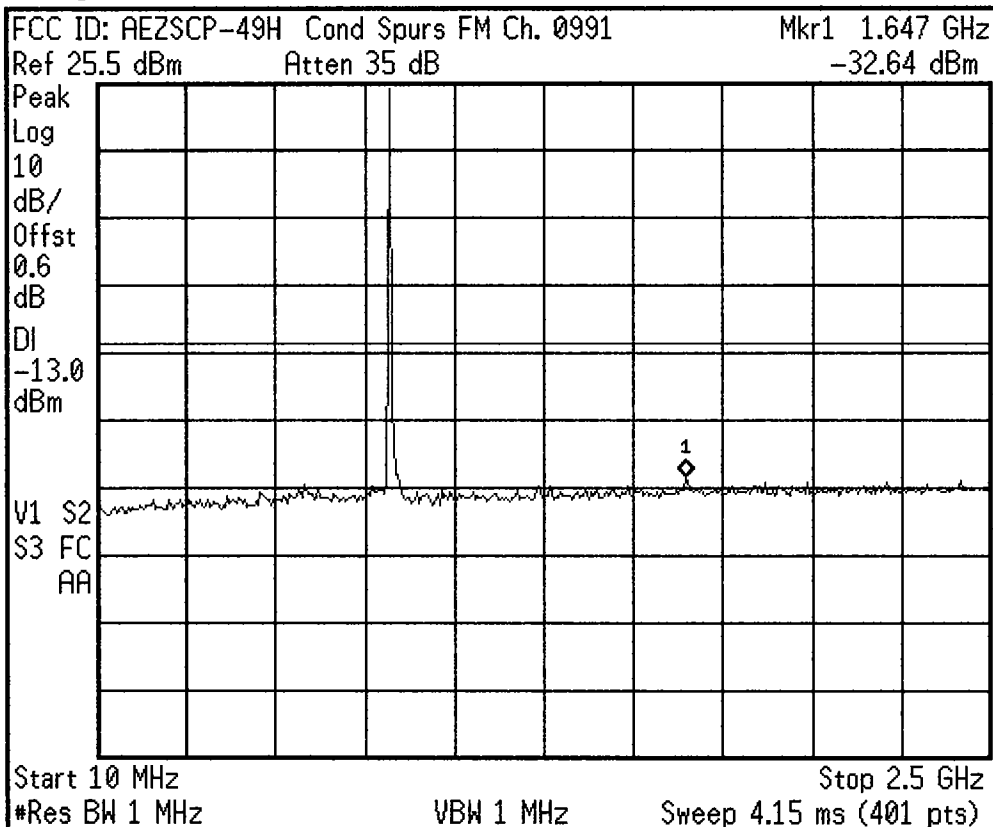


FCC ID: AEZSCP-49H FM MODE MKR 890.06 MHz
REF -60.0 dBm #ATTEN 10 dB PG 26.0 dB -97.41 dBm



CENTER 881.50 MHz
#RES BW 100 kHz #VBW 100 kHz SPAN 25.00 MHz
SWP 20 msec

* Agilent 06:34:56 May 28, 2002



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

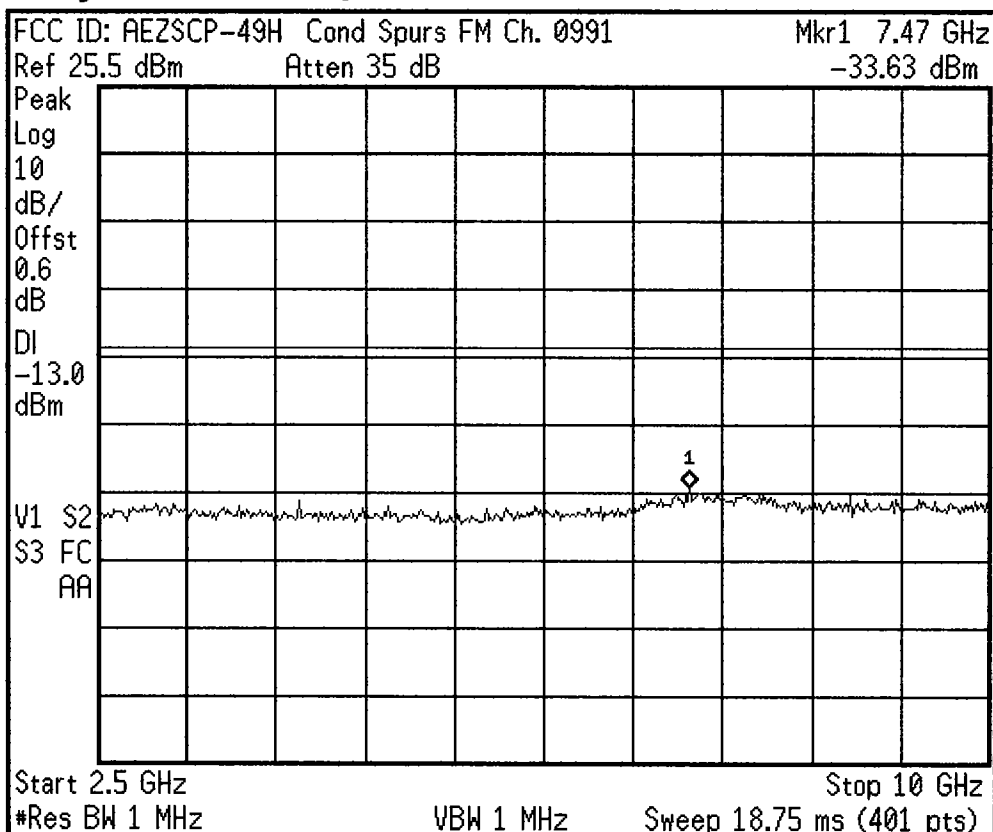
CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

* Agilent 06:36:00 May 28, 2002



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

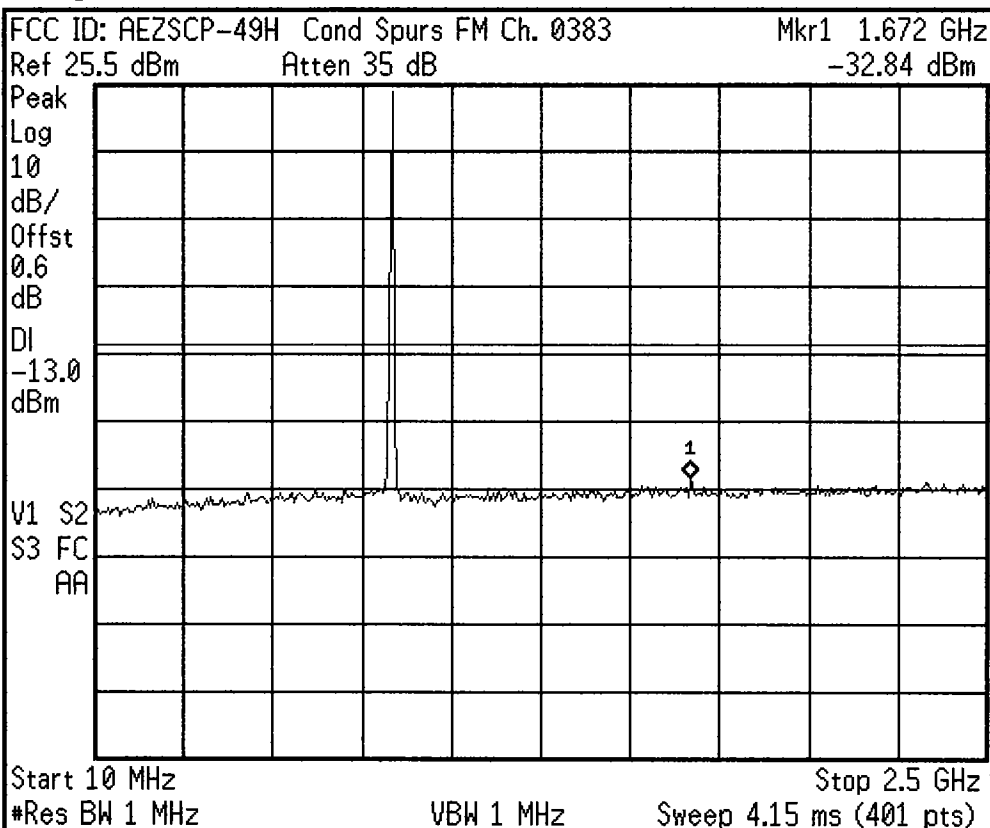
CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

* Agilent 06:40:46 May 28, 2002



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

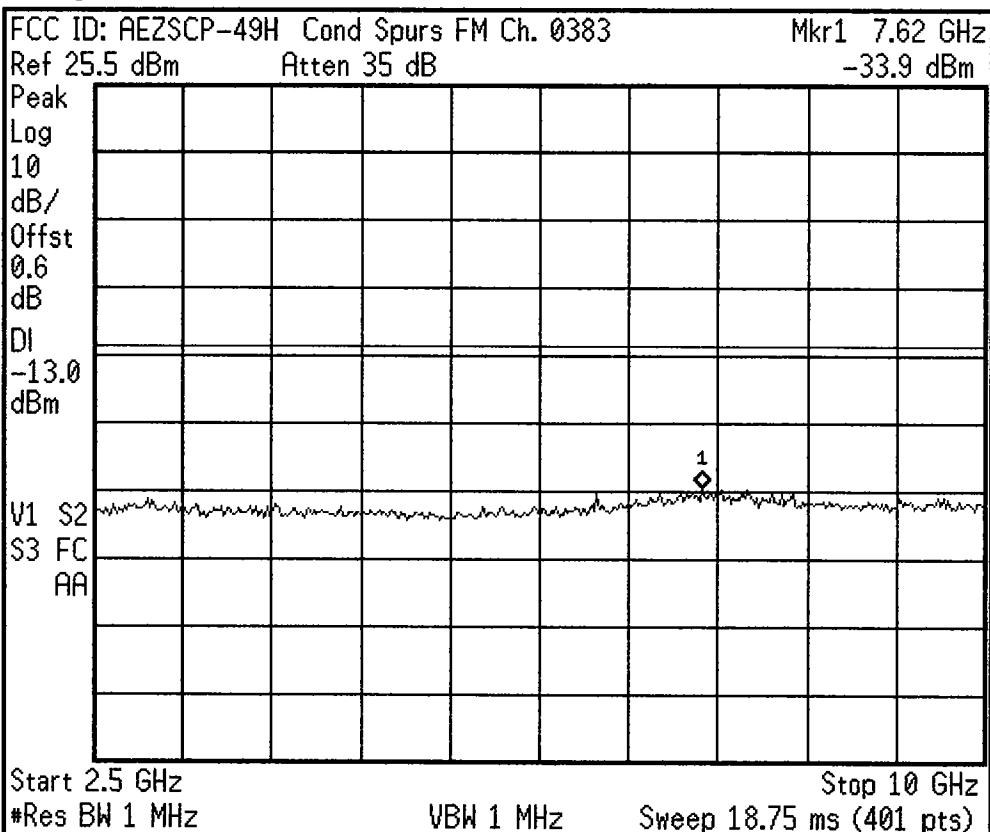
CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

* Agilent 06:42:47 May 28, 2002



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

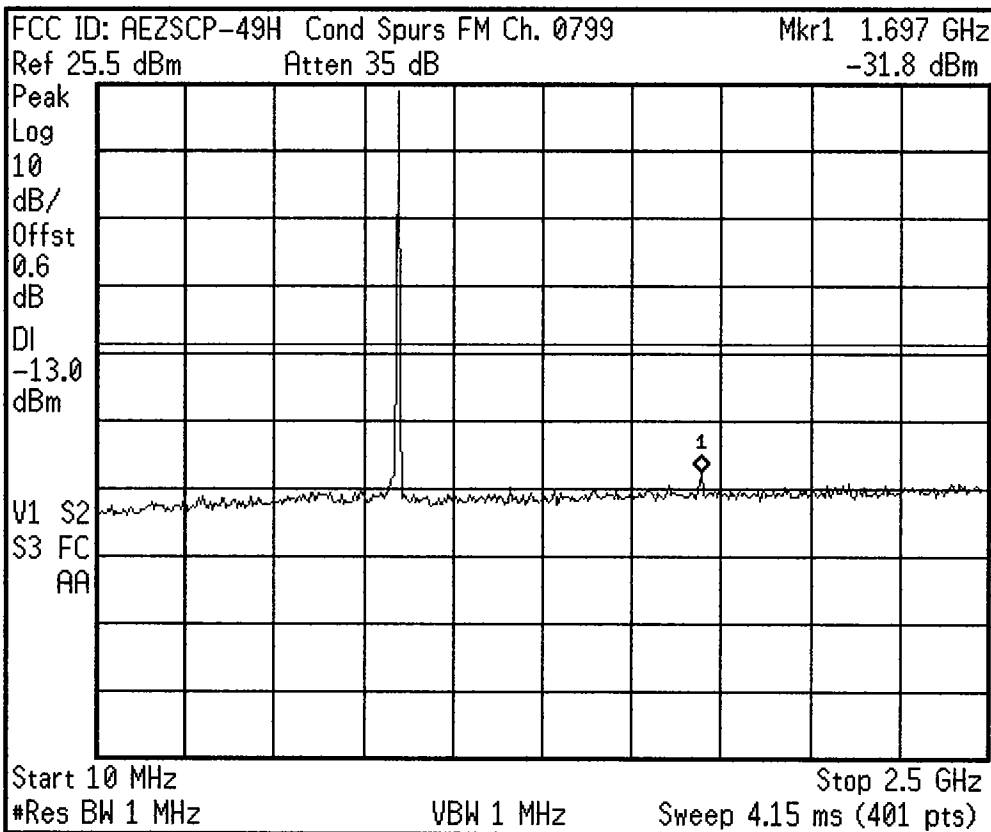
CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

* Agilent 06:37:32 May 28, 2002



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

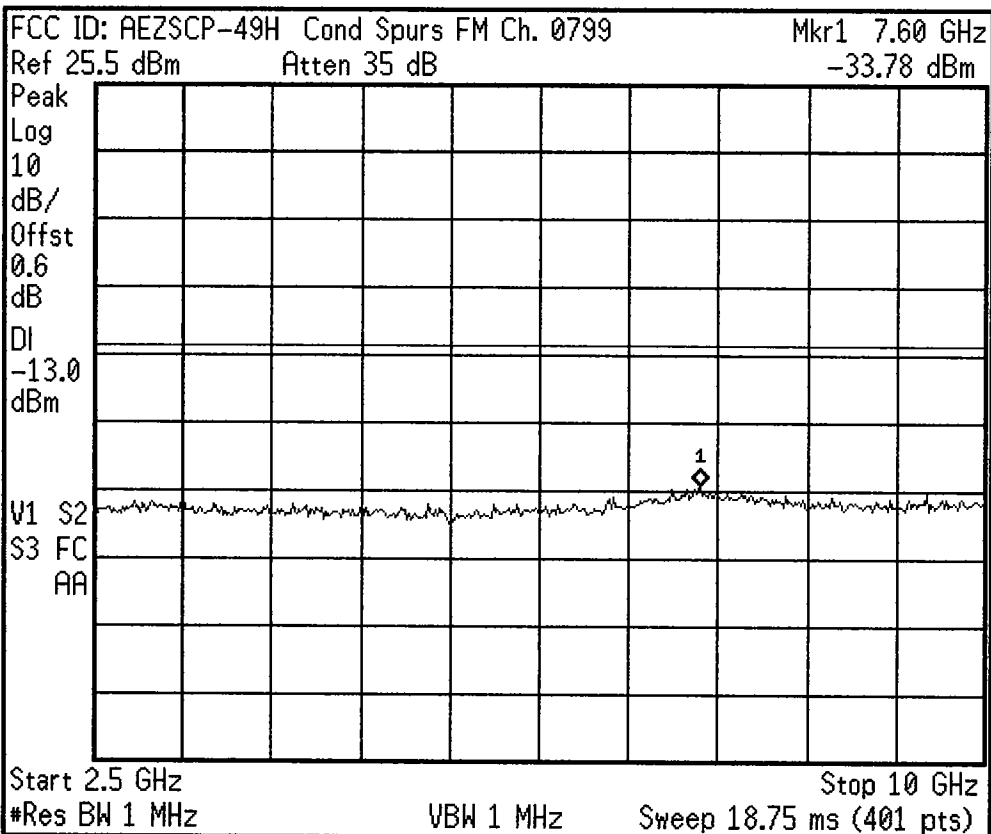
CF Step
 249.0000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

* Agilent 06:38:09 May 28, 2002



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

CF Step
 750.0000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin