

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-5150

SANYO

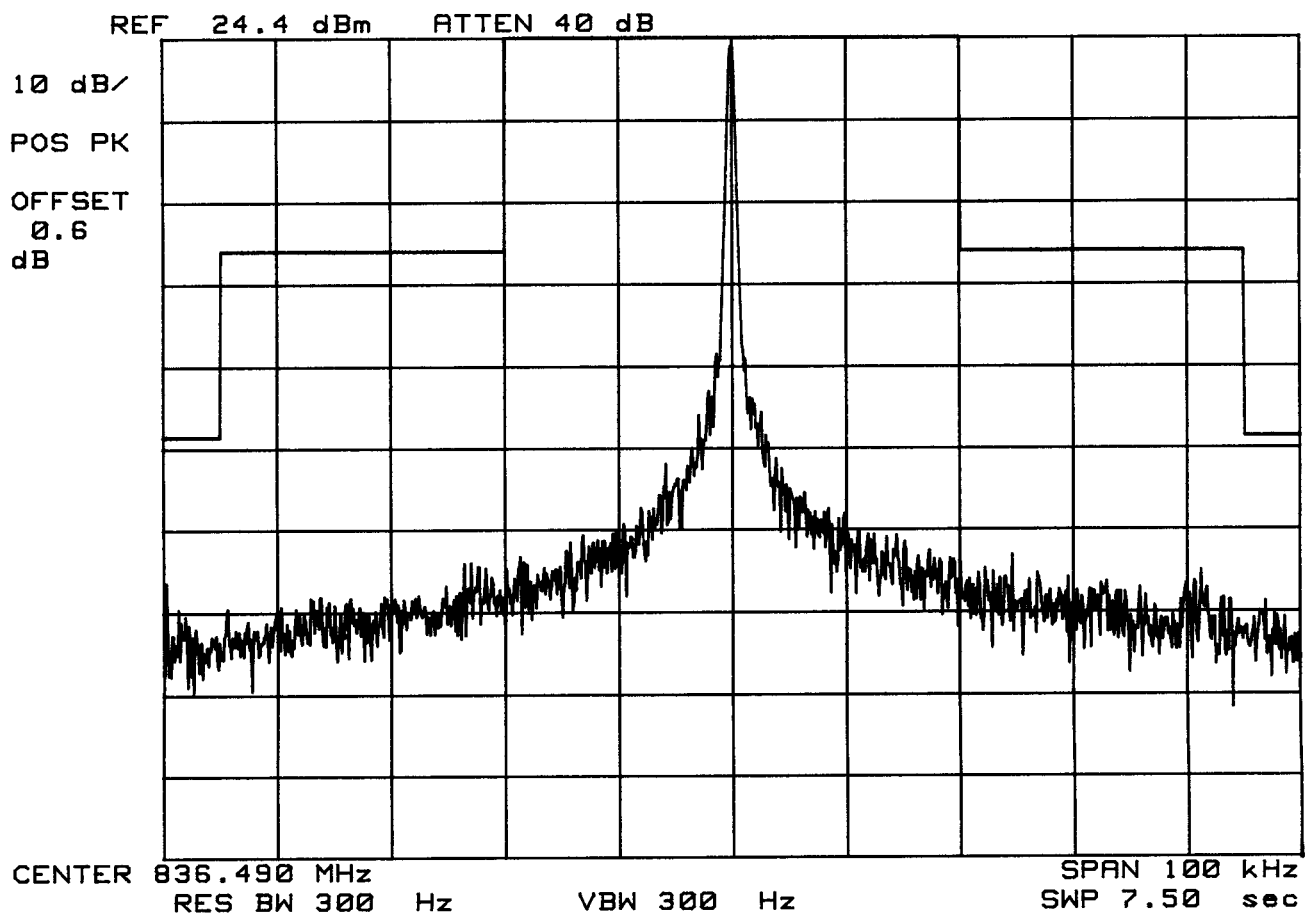
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 24.4 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-5150

SANYO

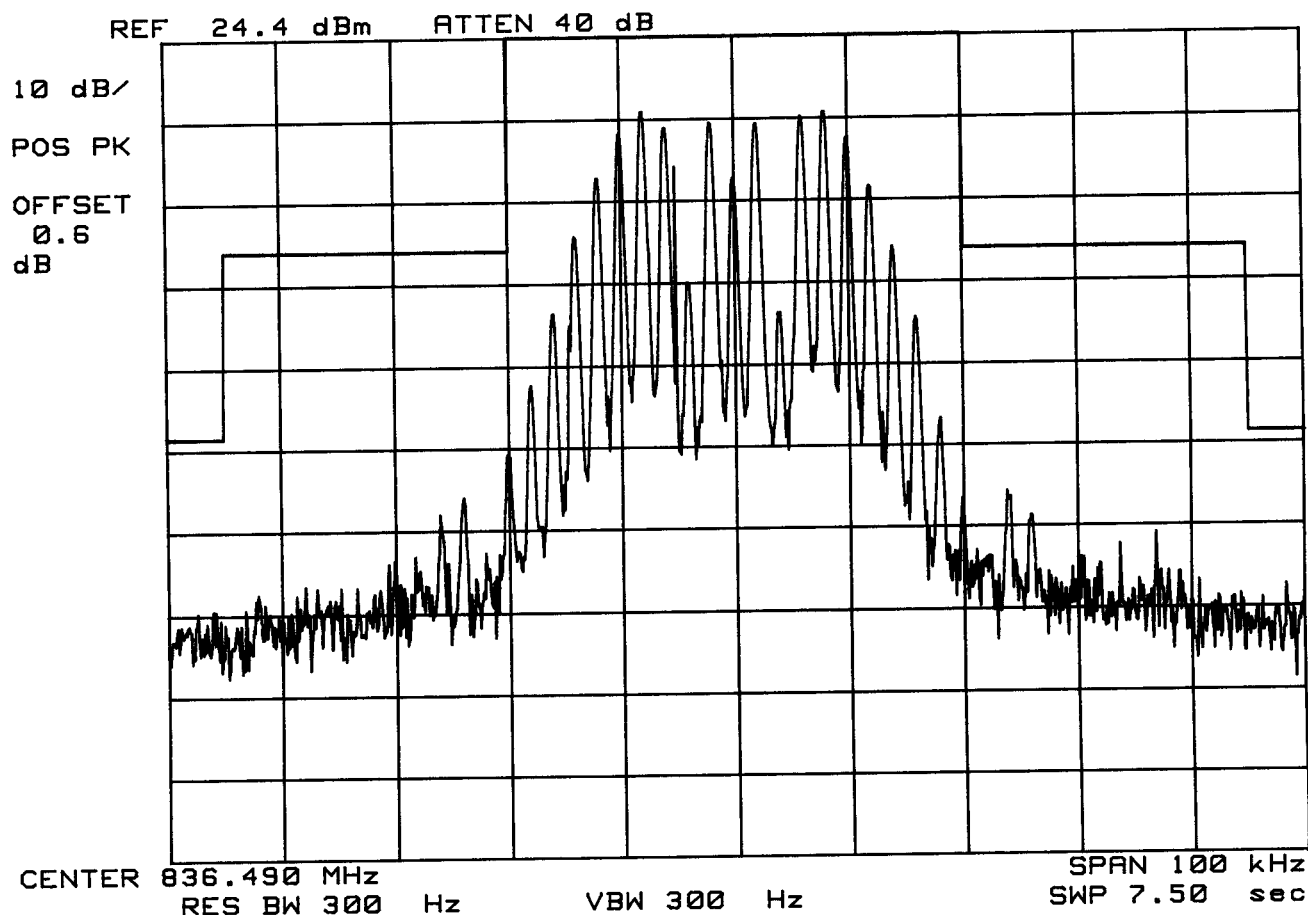
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 24.4 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-5150

SANYO

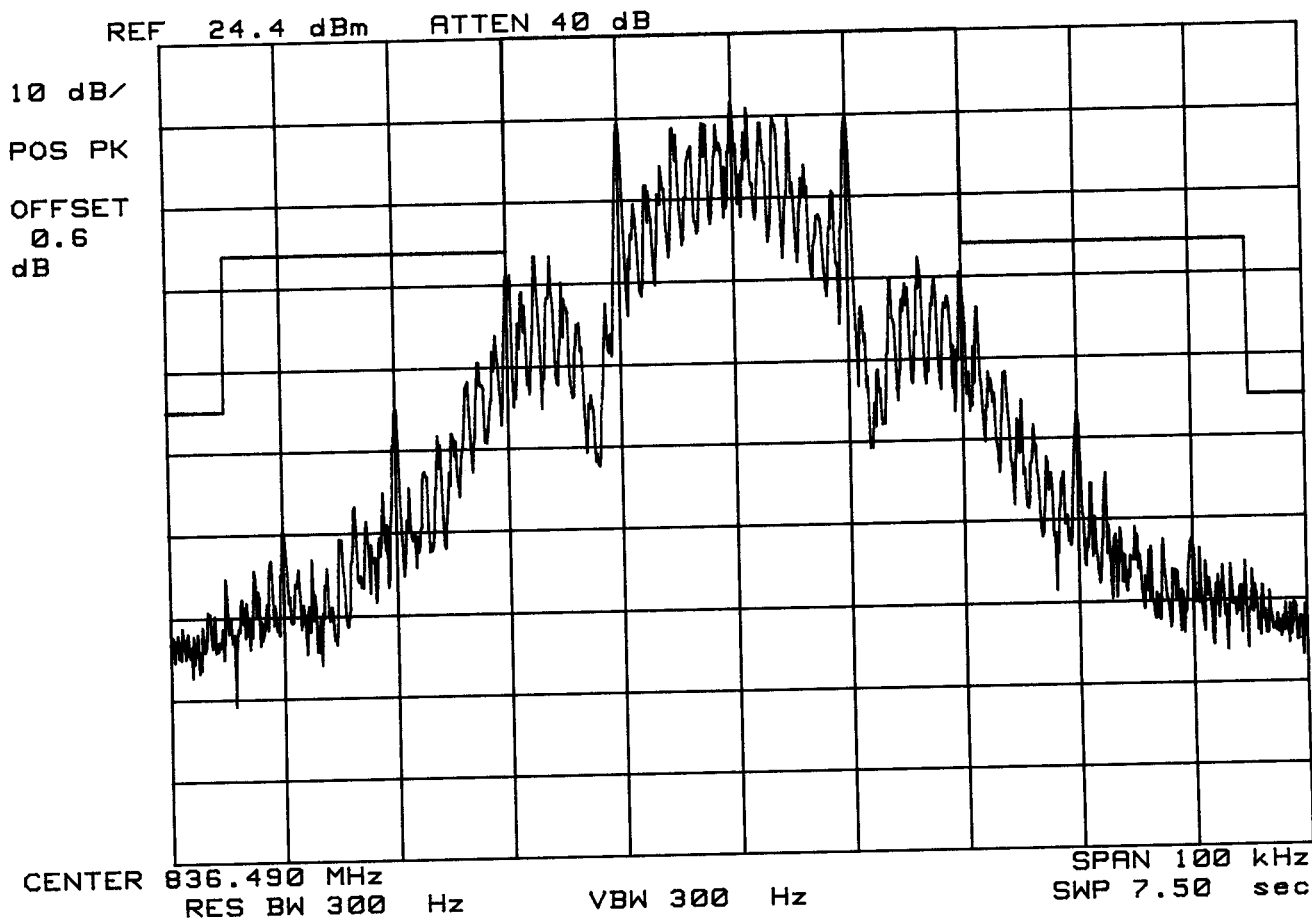
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 24.4 dBm

Test Mode:Wide Band Data



PCTEST Engineering Lab.

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SANYO

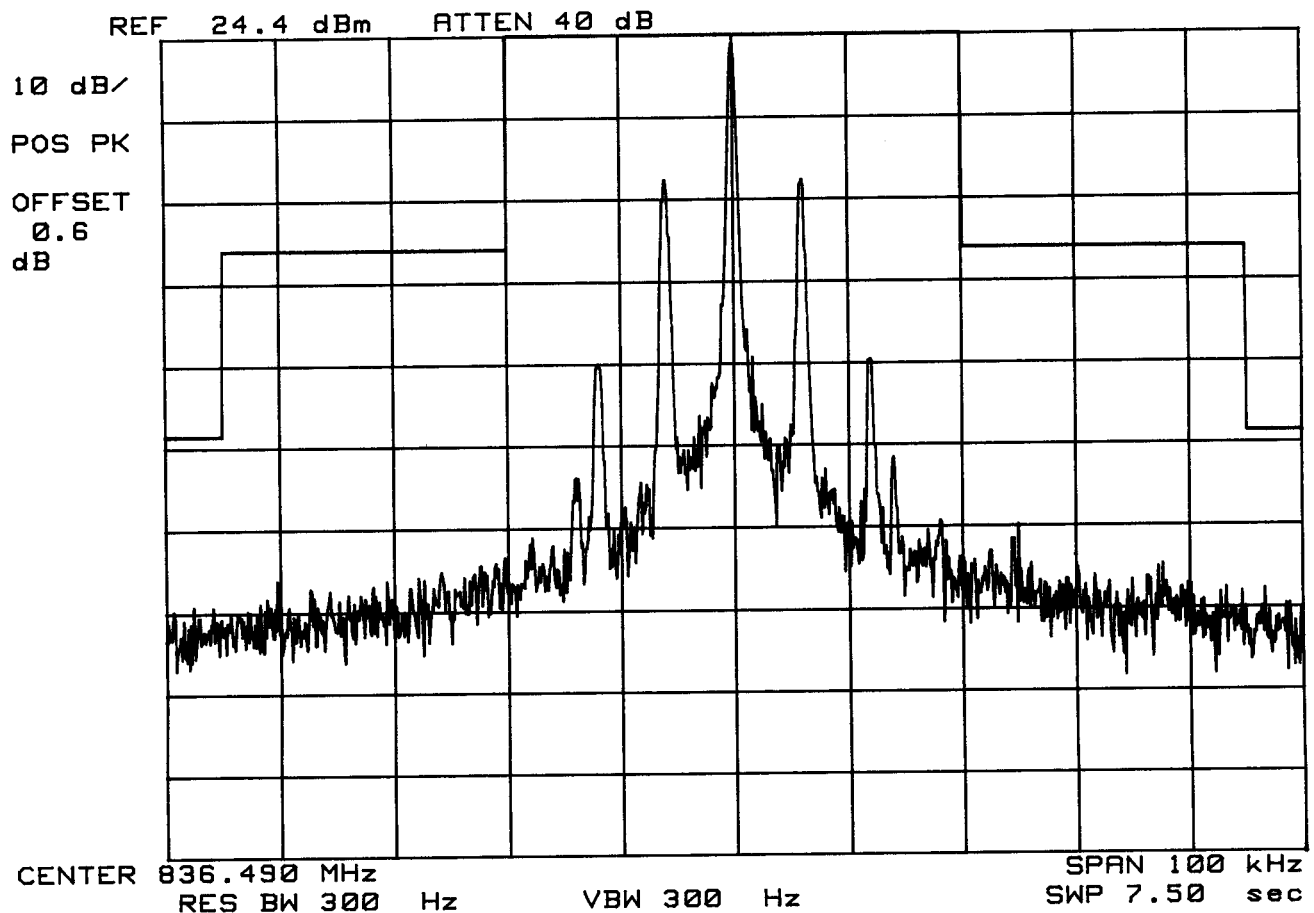
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 24.4 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-5150

SANYO

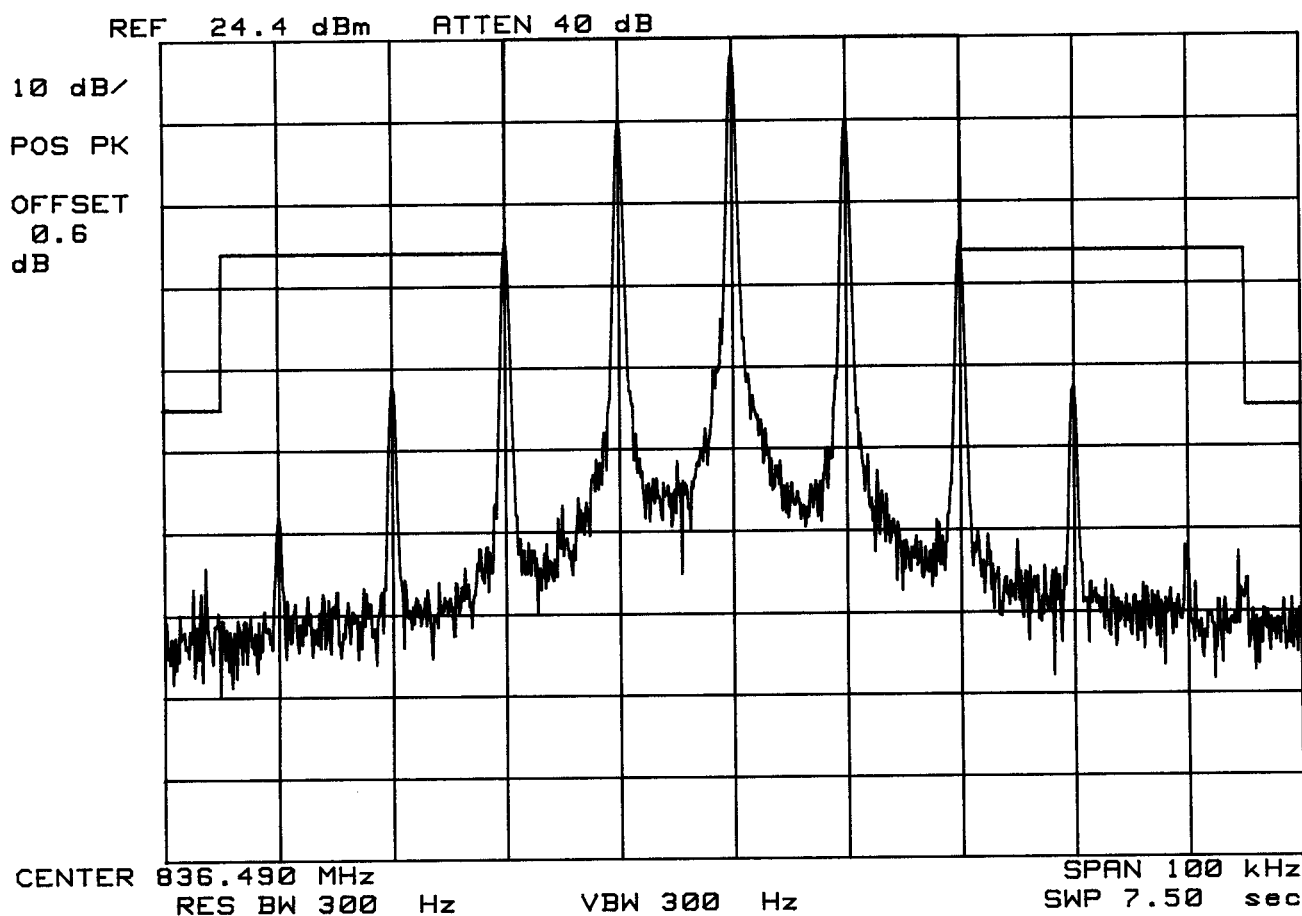
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 24.4 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-5150

SANYO

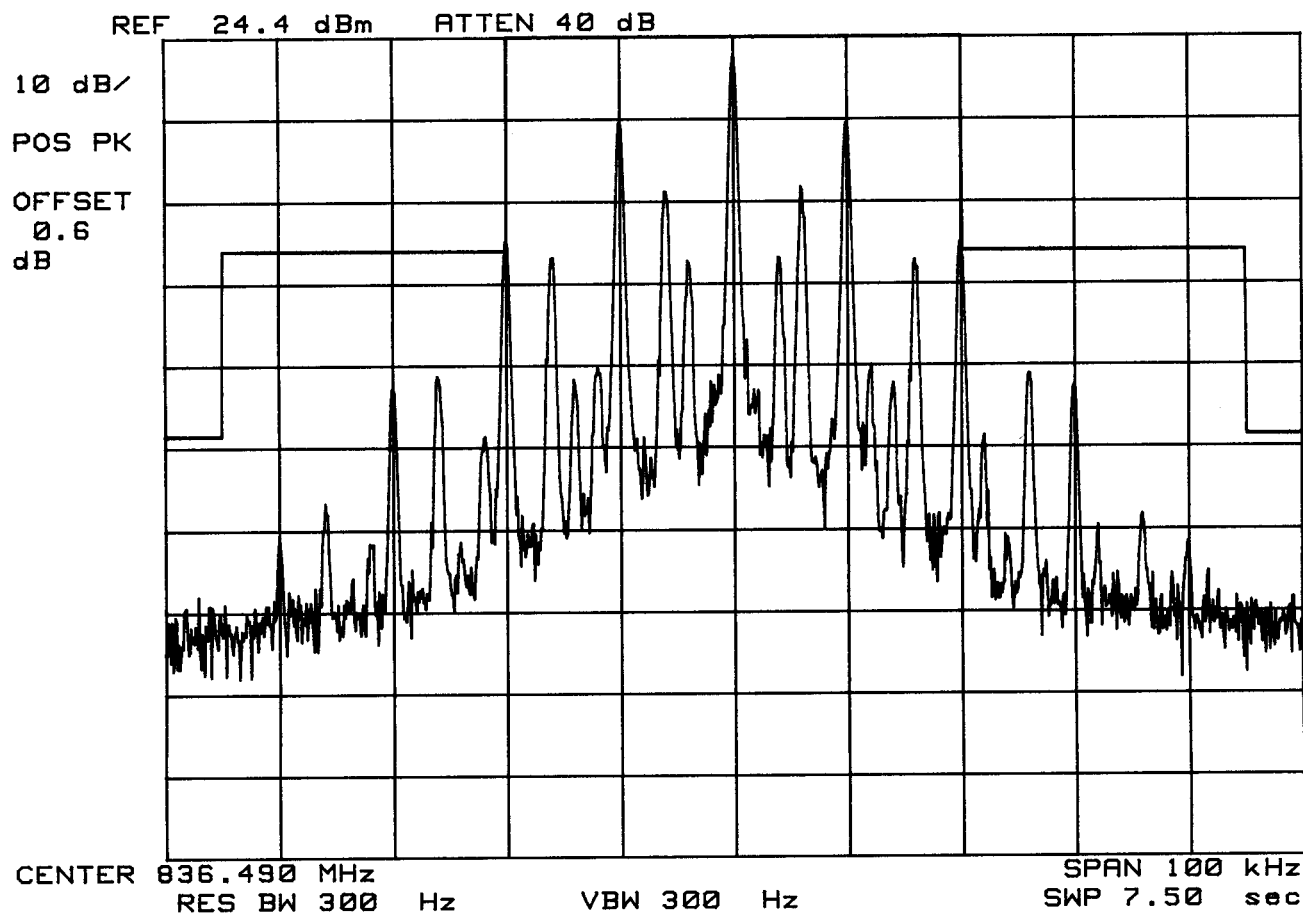
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 24.4 dBm

Test Mode:SAT + ST



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SPECTRUM ANALYZER PRESENTATION

FCC ID:AEZSCP-5150

SANYO

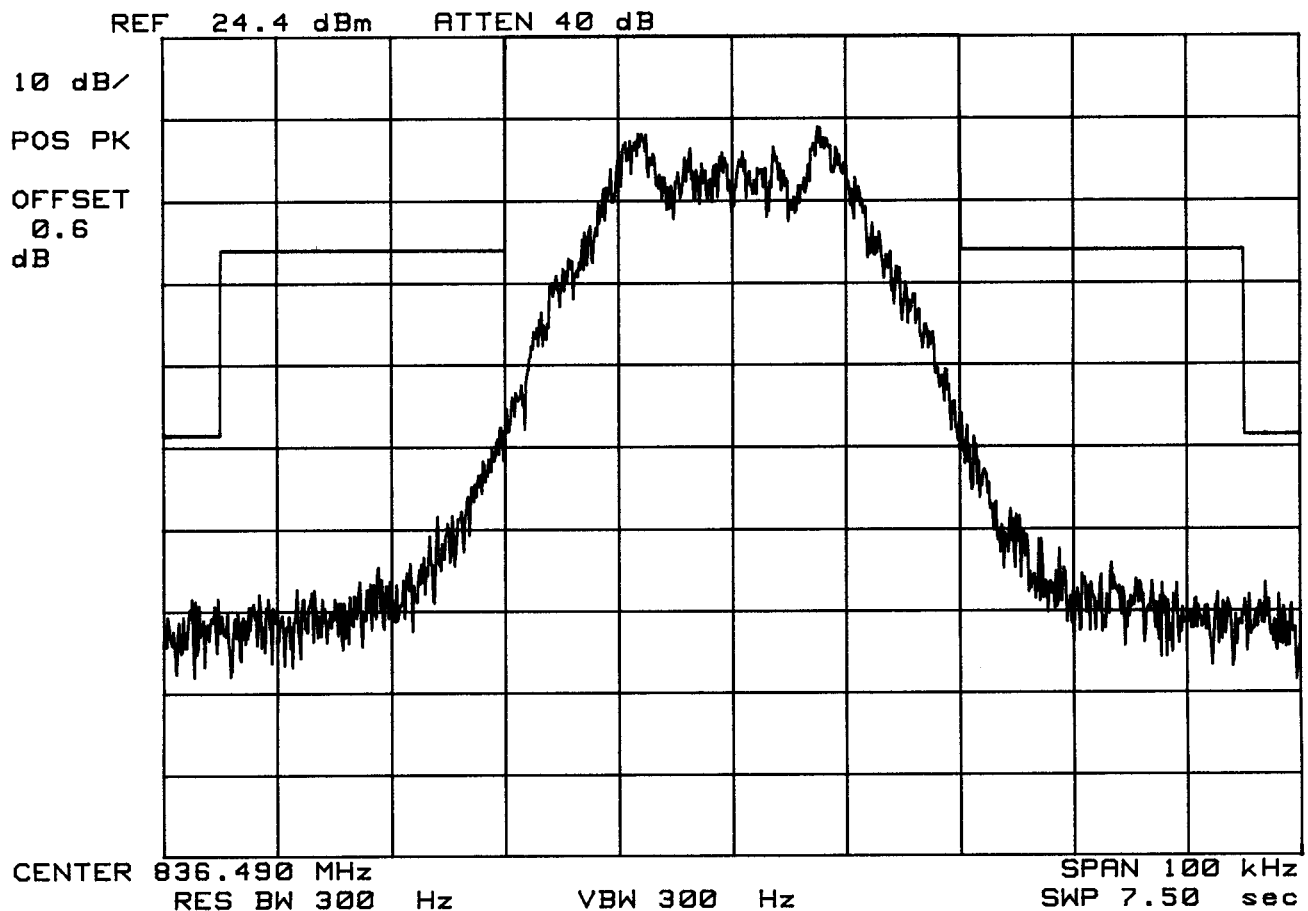
Dual-Mode Phone

FM Channel 383

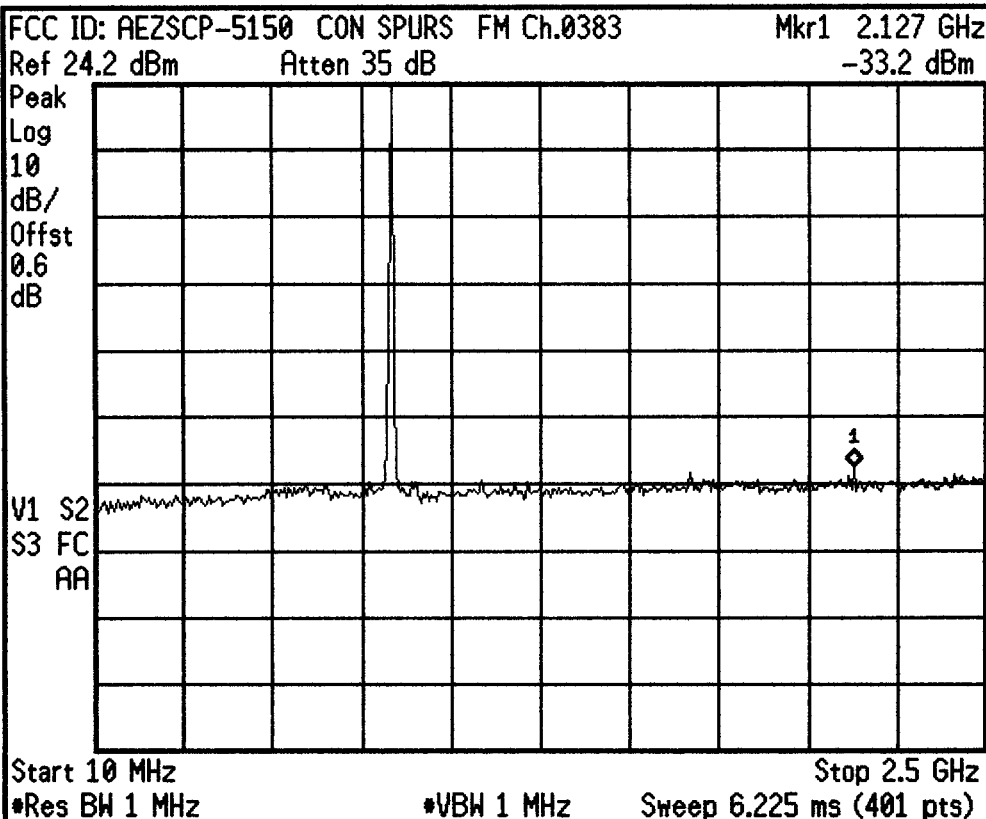
Operating Frequency: 836.490 MHz

Output Power : 24.4 dBm

Test Mode:SAT + DTMF



* Agilent 11:59:44 Sep 17, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

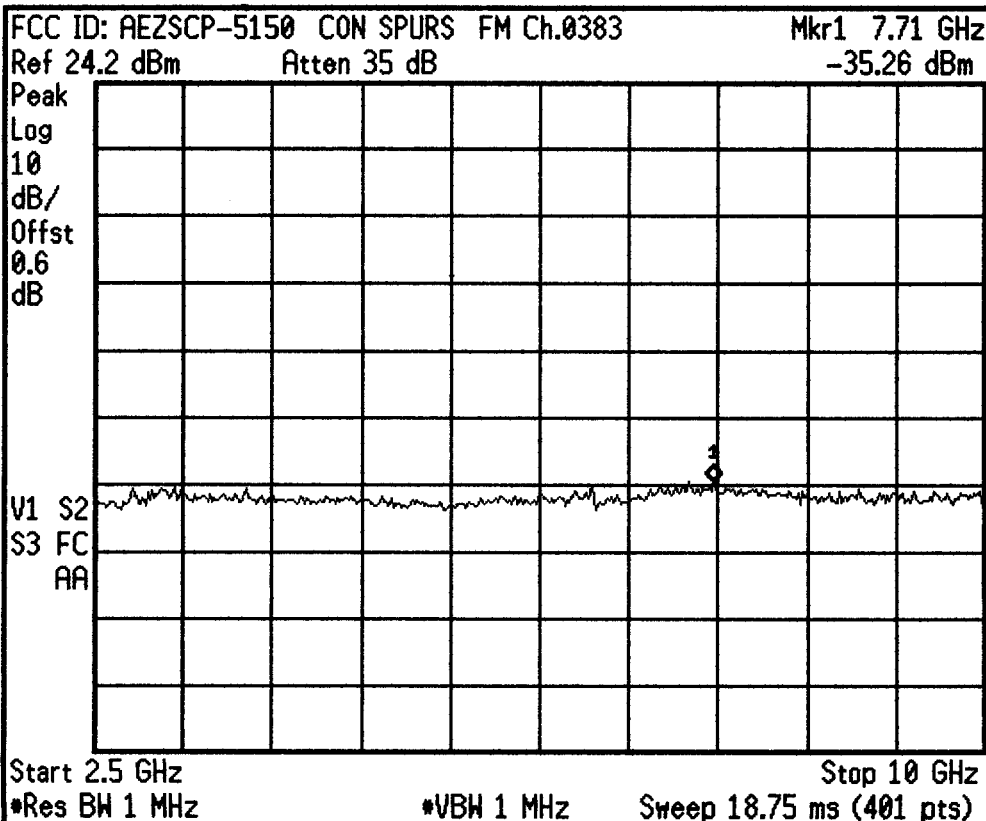
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:00:50 Sep 17, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

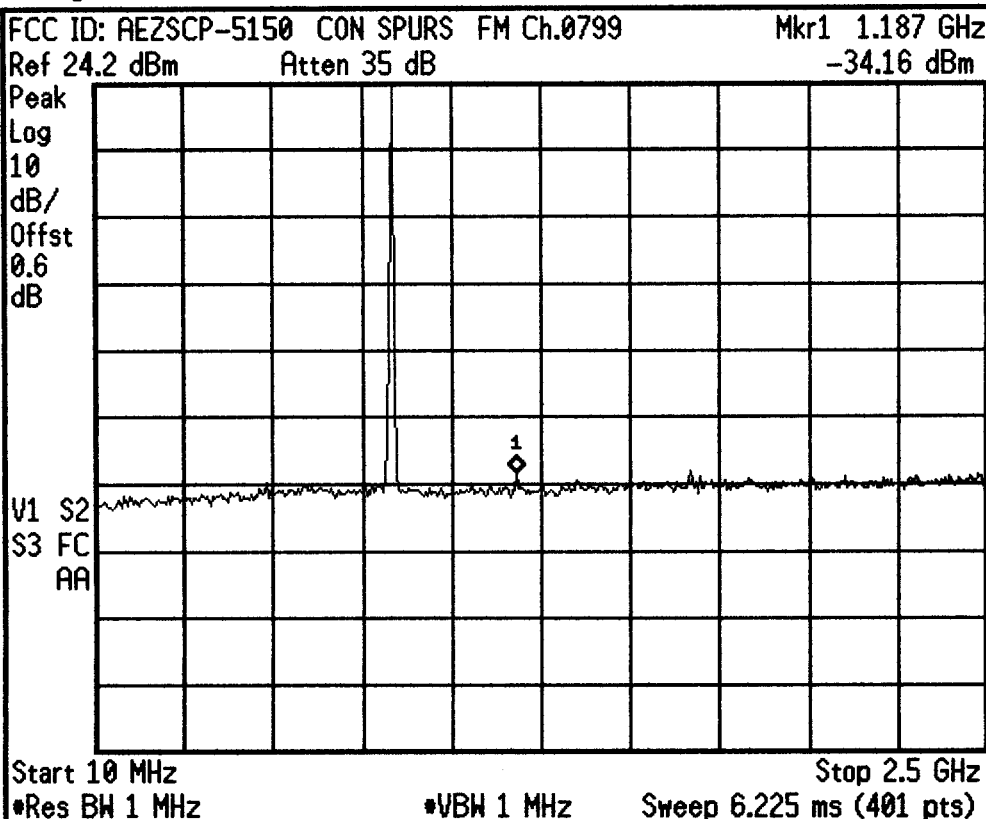
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:02:19 Sep 17, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

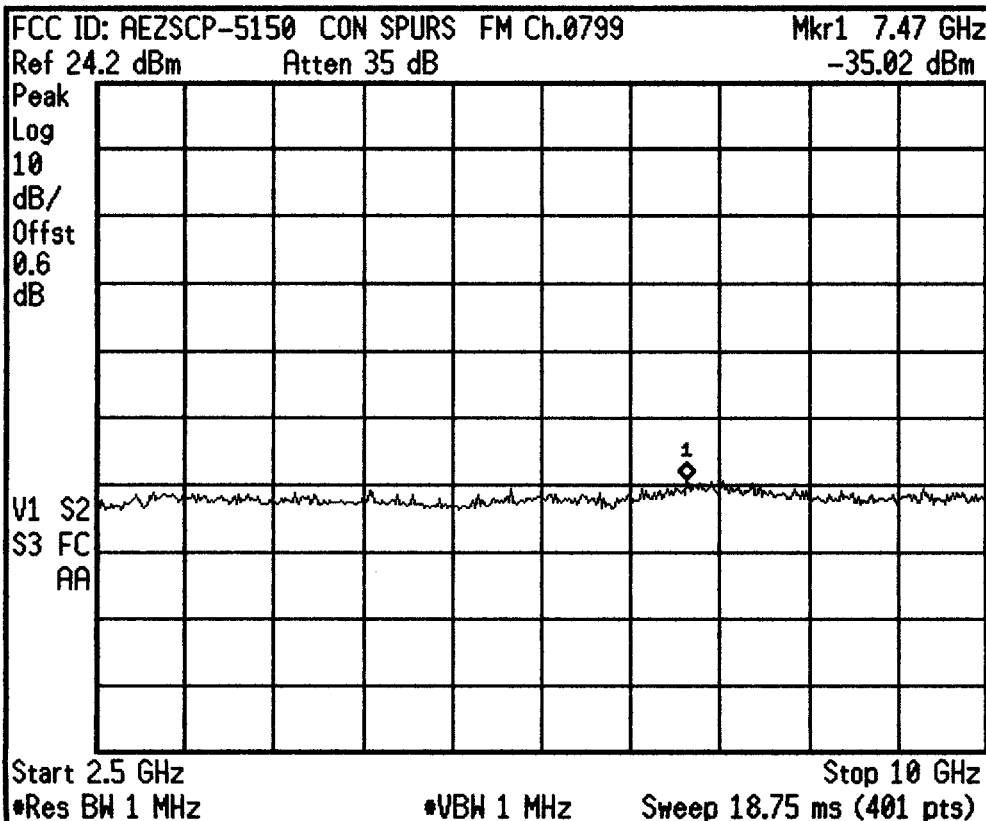
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:03:30 Sep 17, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

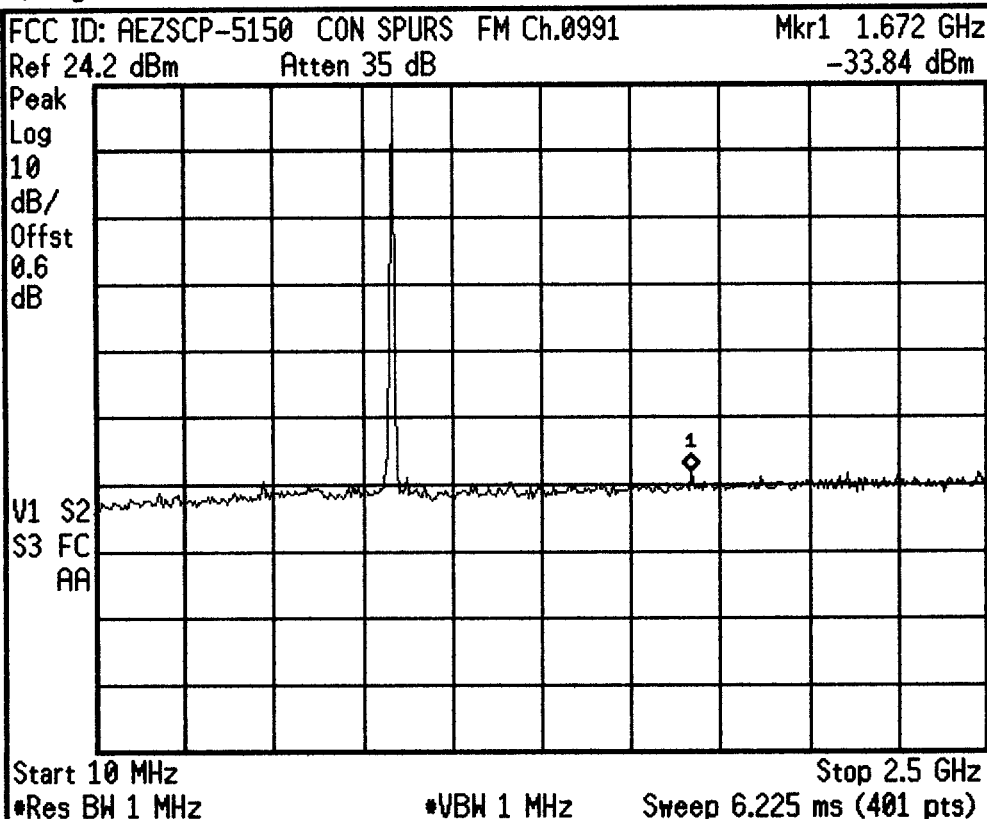
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 11:56:26 Sep 17, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

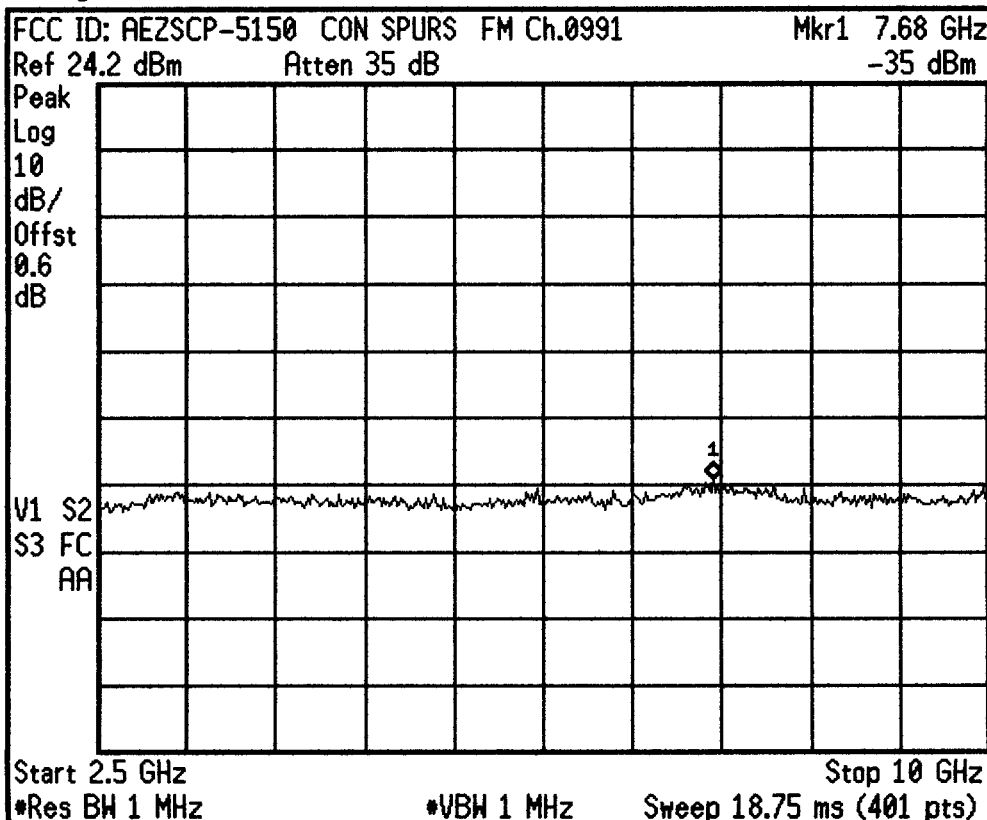
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 11:57:42 Sep 17, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

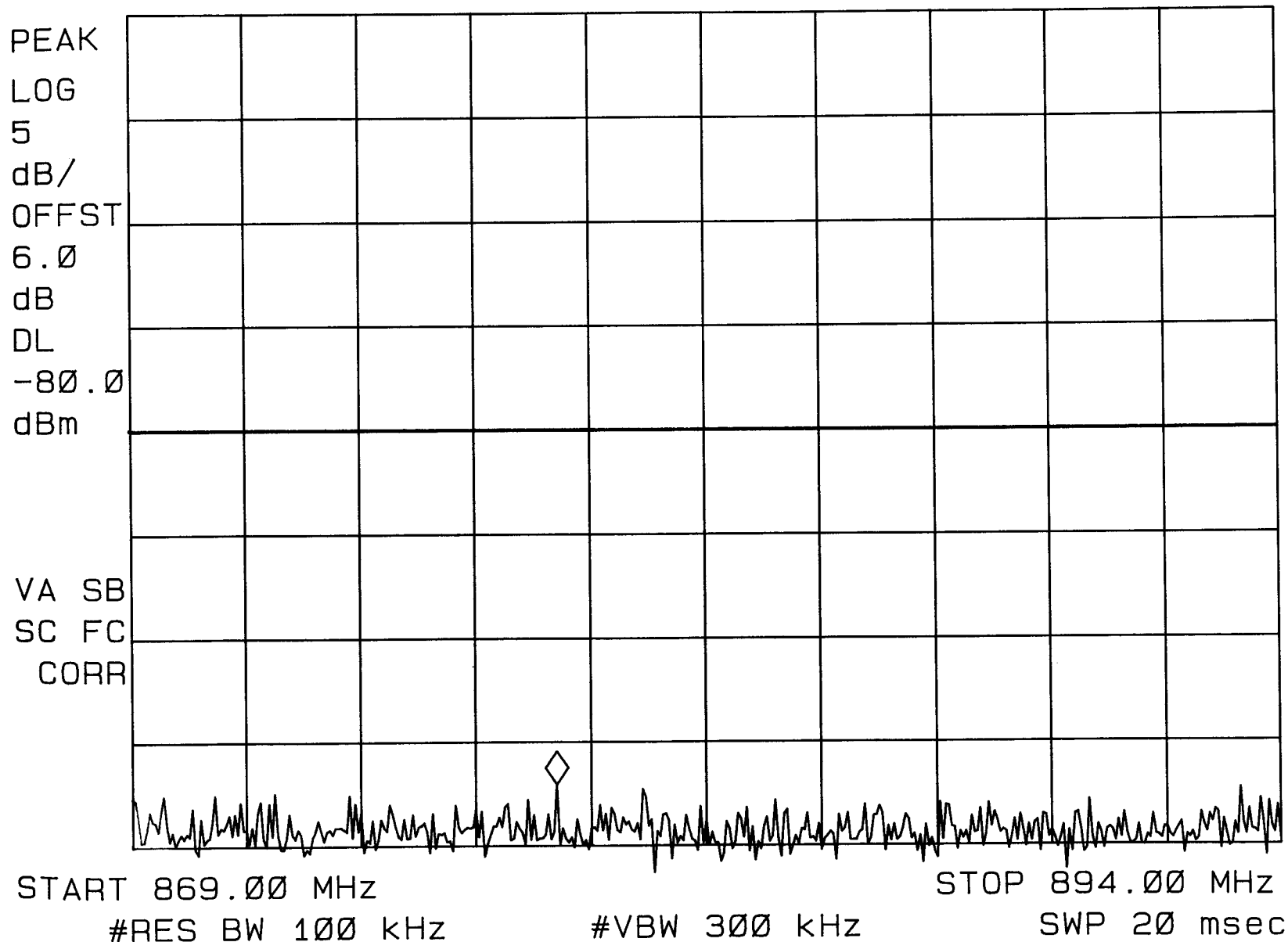
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

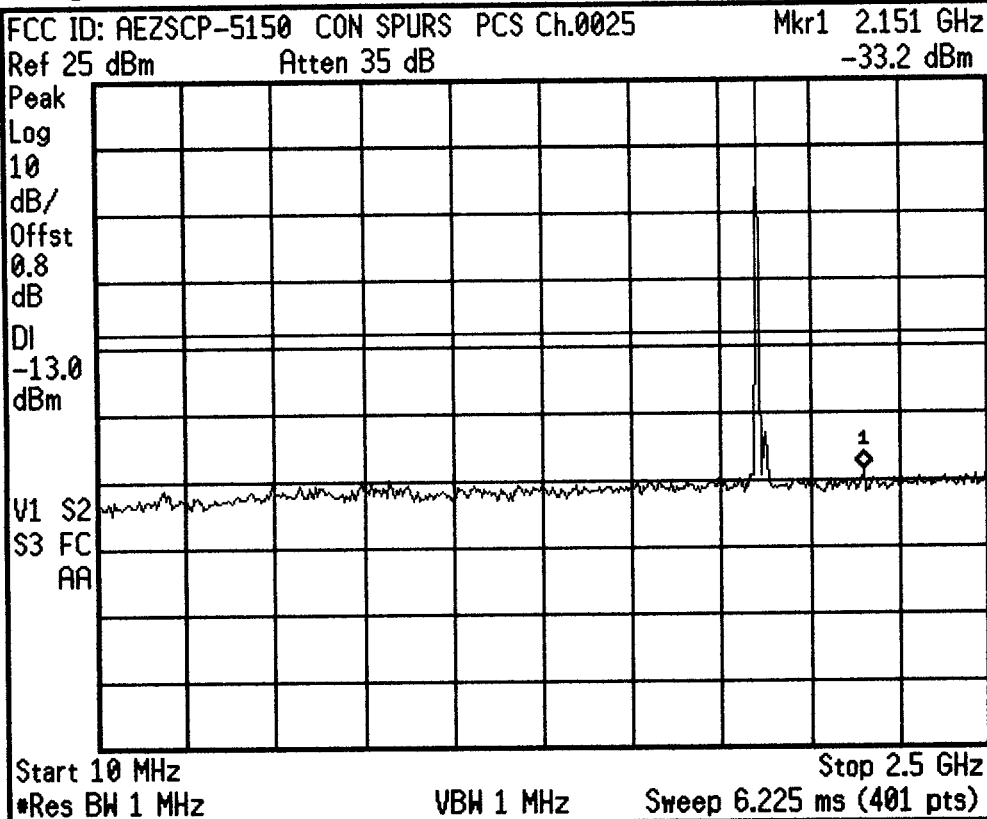
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

~~HP~~ FCC ID: AEZSCP-5150 FM MODE MKR 878.25 MHz
REF -60.0 dBm #ATTEN 10 dB PG 25.0 dB -97.03 dBm

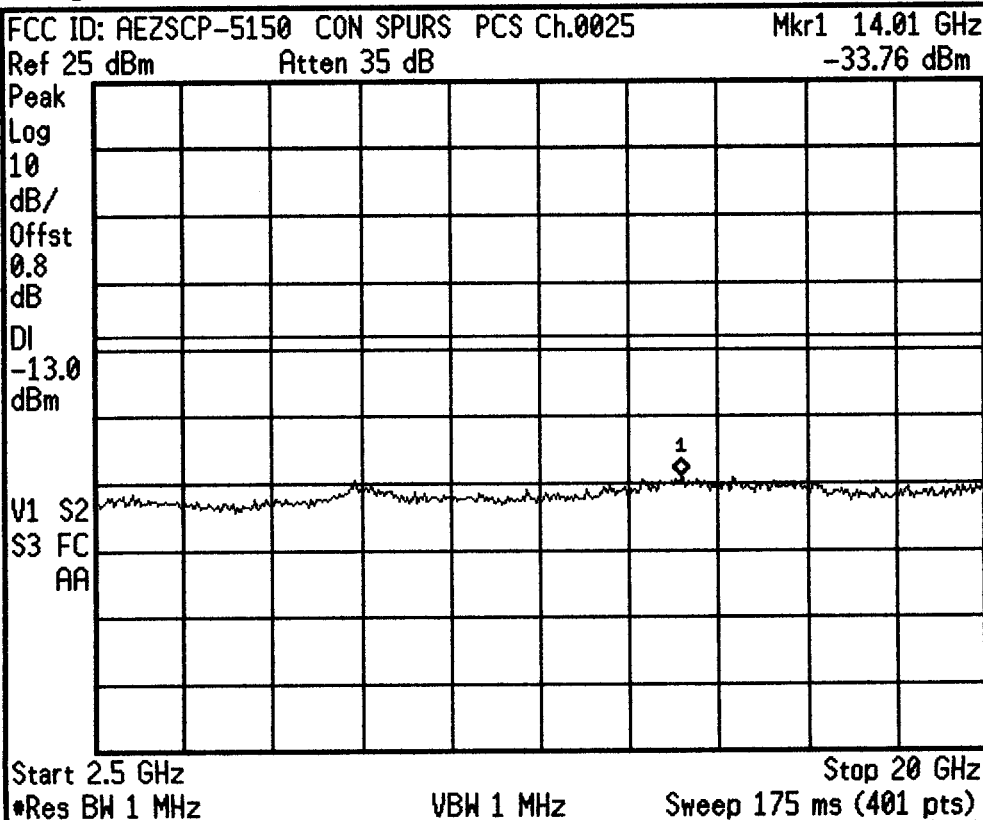


* Agilent 08:08:15 Sep 17, 2001



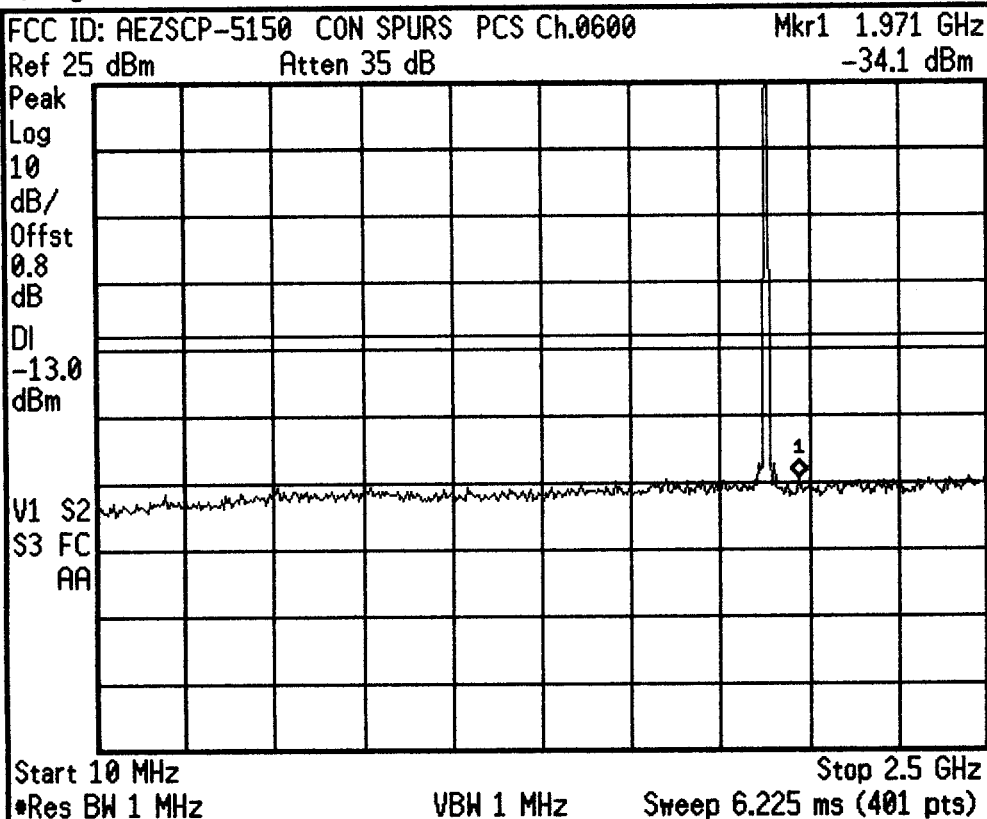
Freq/Channel
Center Freq 1.25500000 GHz
Start Freq 10.0000000 MHz
Stop Freq 2.50000000 GHz
CF Step 249.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 08:15:38 Sep 17, 2001



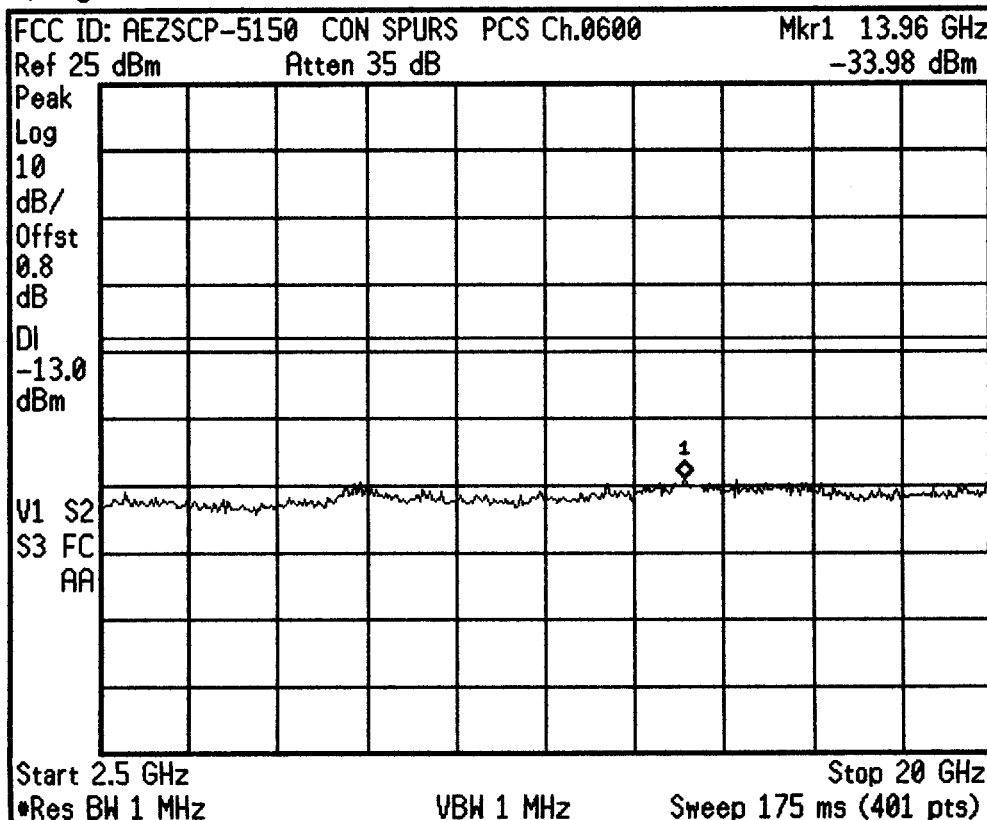
Freq/Channel
Center Freq 11.2500000 GHz
Start Freq 2.50000000 GHz
Stop Freq 20.0000000 GHz
CF Step 1.75000000 GHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 08:18:57 Sep 17, 2001



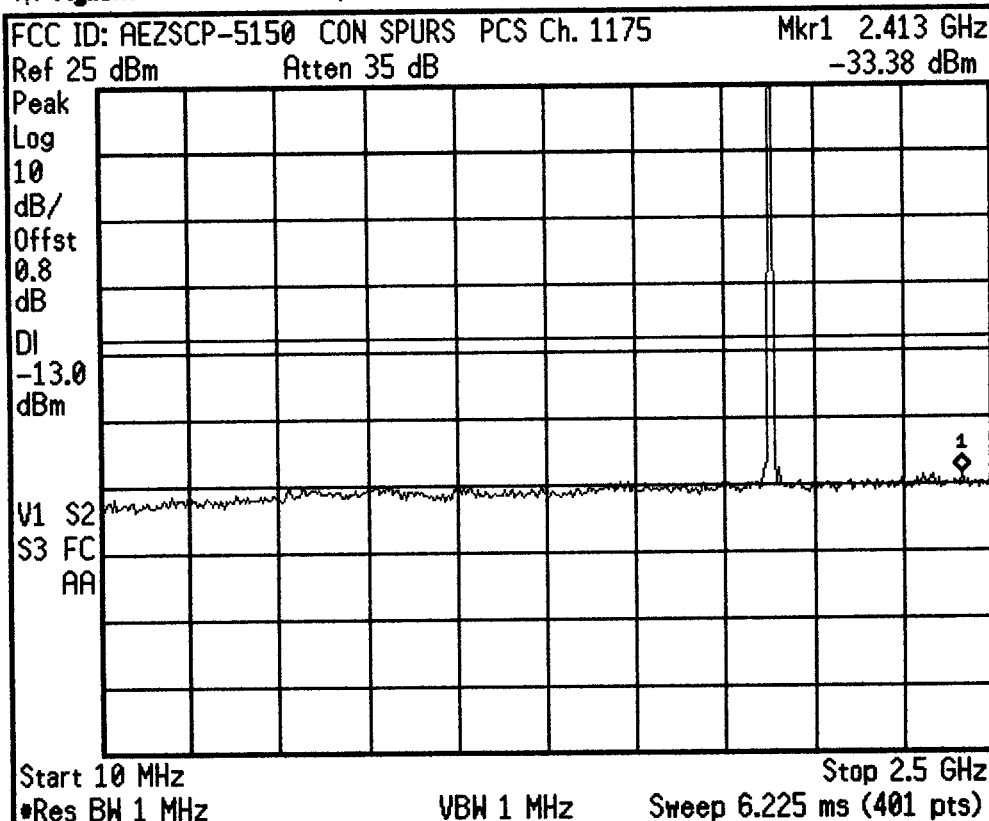
Freq/Channel
Center Freq 1.25500000 GHz
Start Freq 10.0000000 MHz
Stop Freq 2.50000000 GHz
CF Step 249.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 08:21:14 Sep 17, 2001



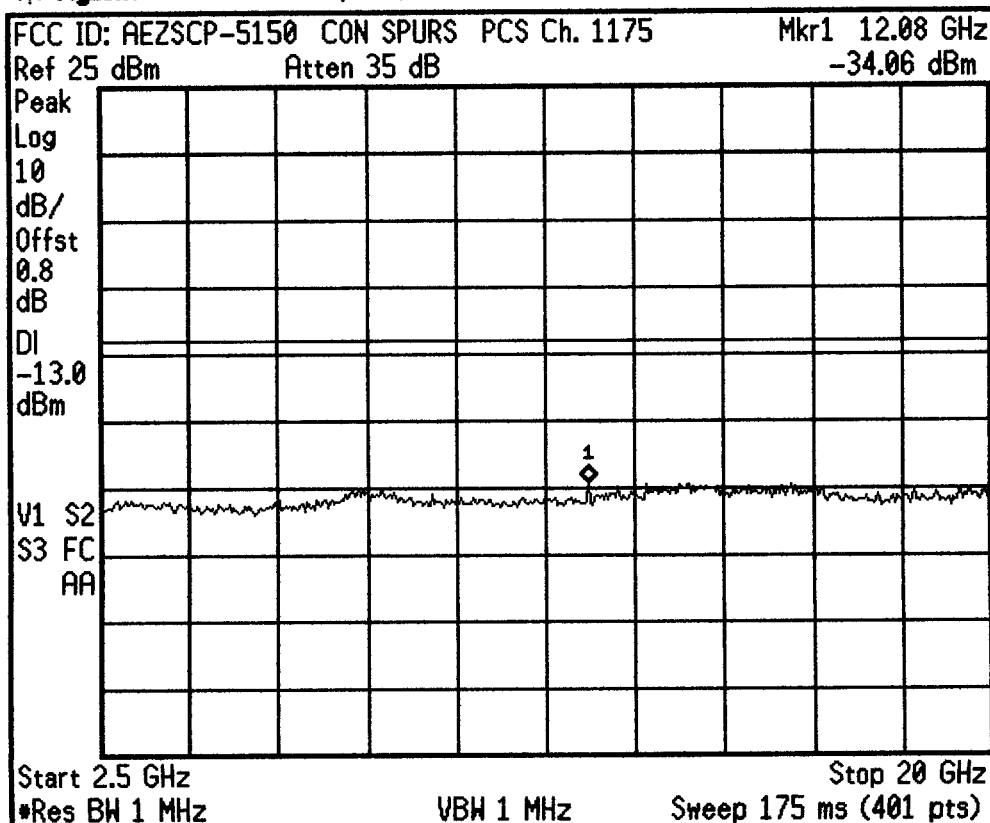
Freq/Channel
Center Freq 11.2500000 GHz
Start Freq 2.50000000 GHz
Stop Freq 20.0000000 GHz
CF Step 1.75000000 GHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 08:27:25 Sep 17, 2001



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 08:28:40 Sep 17, 2001



Freq/Channel
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

* Agilent 09:29:35 Sep 17, 2001

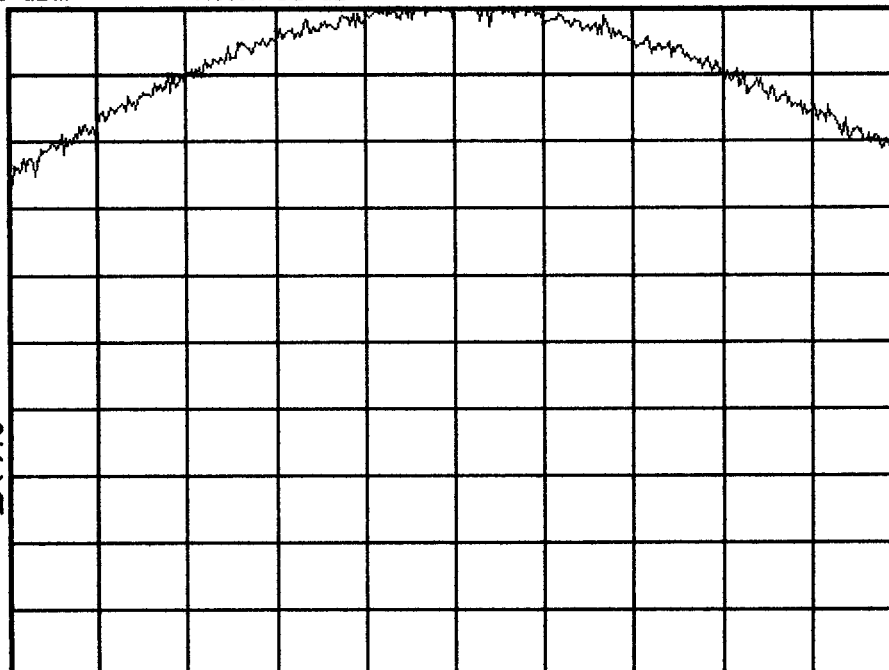
FCC ID: AEZSCP-5150 PWR OUT PCS Ch.0600

Ref 25 dBm

Atten 35 dB

Samp
Log
10
dB/
Offst
0.8
dB

VAvg
100
V1 S2
S3 FC
AA



Center 1.88 GHz

Span 10 MHz

*Res BW 3 MHz

*VBW 3 MHz

*Sweep 5 ms (401 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

* Agilent 09:31:18 Sep 17, 2001

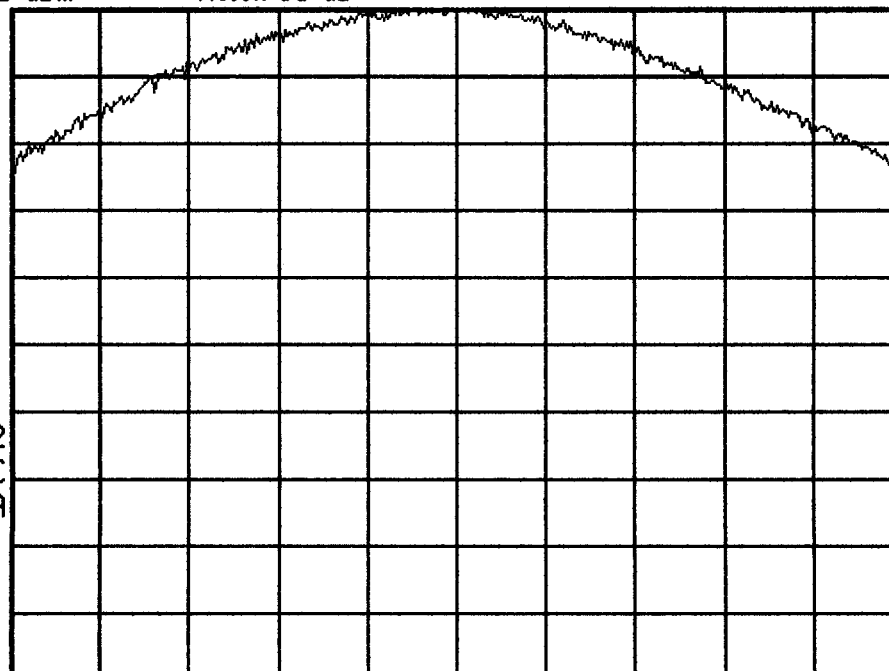
FCC ID: AEZSCP-5150 PWR OUT PCS Ch.1175

Ref 25 dBm

Atten 35 dB

Samp
Log
10
dB/
Offst
0.8
dB

VAvg
100
V1 S2
S3 FC
AA



Center 1.909 GHz

Span 10 MHz

*Res BW 3 MHz

*VBW 3 MHz

*Sweep 5 ms (401 pts)

Freq/Channel

Center Freq
1.90900000 GHz

Start Freq
1.90400000 GHz

Stop Freq
1.91400000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 09:34:15 Sep 17, 2001

FCC ID: AEZSCP-5150 PWR OUT PCS Ch.0025

Ref 25 dBm

Atten 35 dB

Samp
Log
10
dB/
Offst
0.8
dB

VAvg

100

V1 S2

S3 FC

AA

Center 1.851 GHz

*Res BW 3 MHz

*VBW 3 MHz

Span 10 MHz

*Sweep 5 ms (401 pts)

Freq/Channel

Center Freq

1.85100000 GHz

Start Freq

1.84600000 GHz

Stop Freq

1.85600000 GHz

CF Step

1.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

* Agilent 09:38:52 Sep 17, 2001

FCC ID: AEZSCP-5150 PWR OUT PCS Ch.0025

Ref 25 dBm

Atten 35 dB

Samp
Log
10
dB/
Offst
0.8
dB

Center 1.851 GHz

*Res BW 30 kHz

*VBW 300 kHz

Span 3 MHz

Sweep 9.167 ms (401 pts)

Freq/Channel

Center Freq

1.85125000 GHz

Start Freq

1.84975000 GHz

Stop Freq

1.85275000 GHz

CF Step

300.000000 kHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

Channel Power Results (idle)

Channel Power

24.62 dBm

Integration BW

2.000 MHz

Density

-38.39 dBm/Hz

* Agilent 09:50:07 Sep 17, 2001

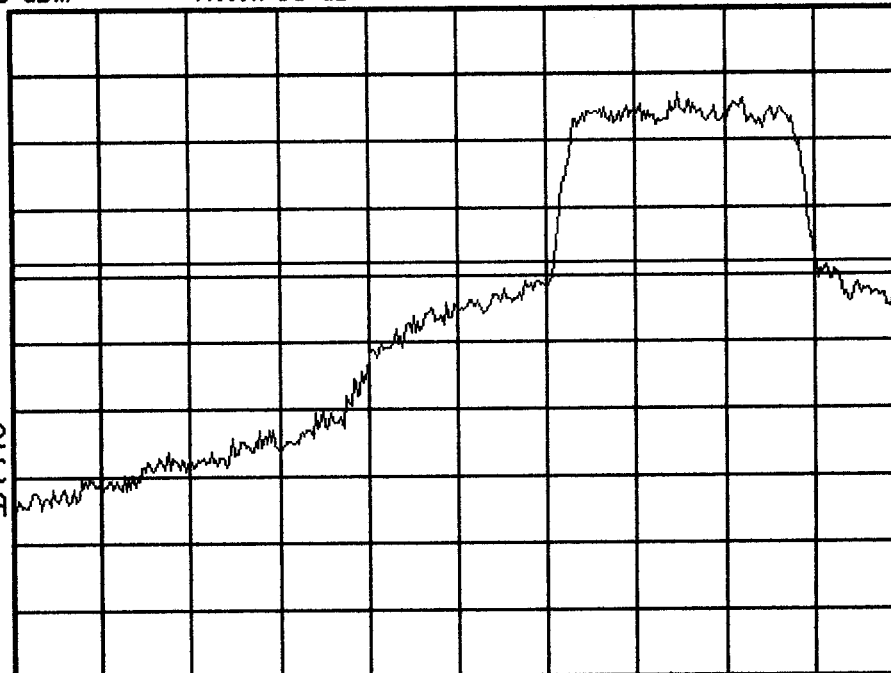
FCC ID: AEZSCP-5150 BAND EDGE PCS Ch.0025

Ref 25 dBm

Atten 35 dB

Peak
Log
10
dB/
Offst
0.8
dB
DI
-13.0
dBm

V1 S2
S3 FC
AA



Center 1.85 GHz

Span 5 MHz

*Res BW 30 kHz

*VBW 30 kHz

*Sweep 13.89 ms (401 pts)

Freq/Channel

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

* Agilent 09:54:01 Sep 17, 2001

FCC ID: AEZSCP-5150 BAND EDGE PCS Ch.1175

Ref 25 dBm

Atten 35 dB

Peak
Log
10
dB/
Offst
0.8
dB
DI
-13.0
dBm

V1 S2
S3 FC
AA



Center 1.91 GHz

Span 5 MHz

*Res BW 30 kHz

*VBW 30 kHz

*Sweep 13.89 ms (401 pts)

Freq/Channel

Center Freq
1.91000000 GHz

Start Freq
1.90750000 GHz

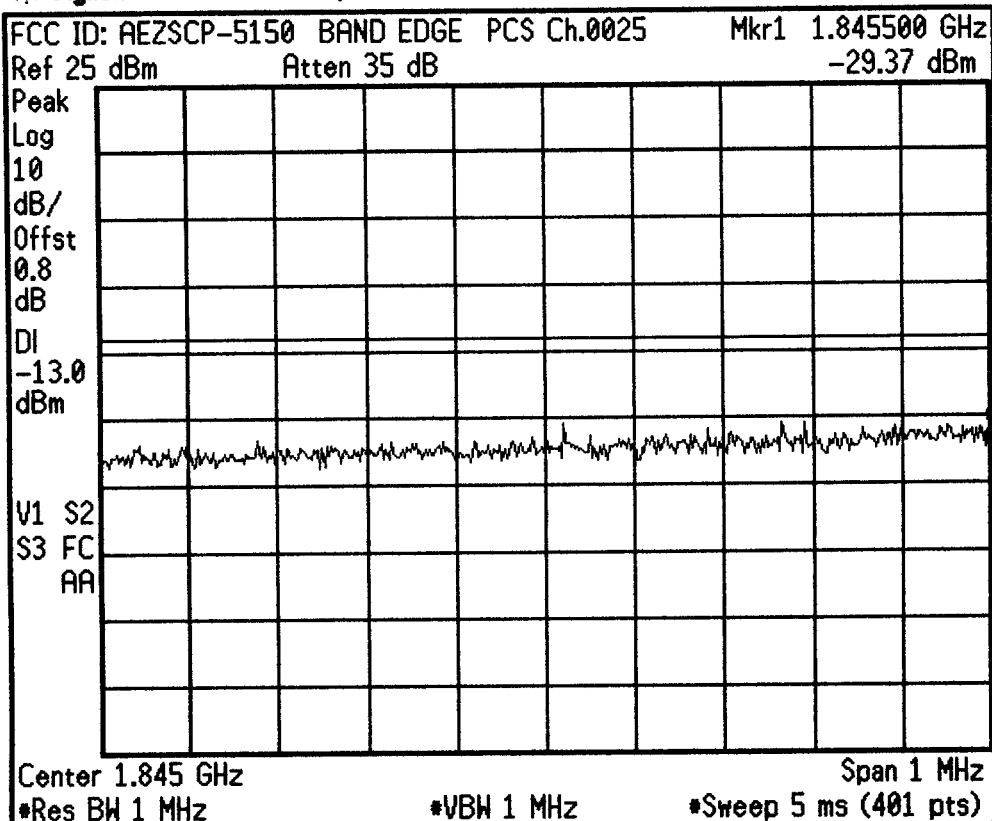
Stop Freq
1.91250000 GHz

CF Step
500.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 10:00:49 Sep 17, 2001



Freq/Channel

Center Freq
 1.84500000 GHz

Start Freq
 1.84450000 GHz

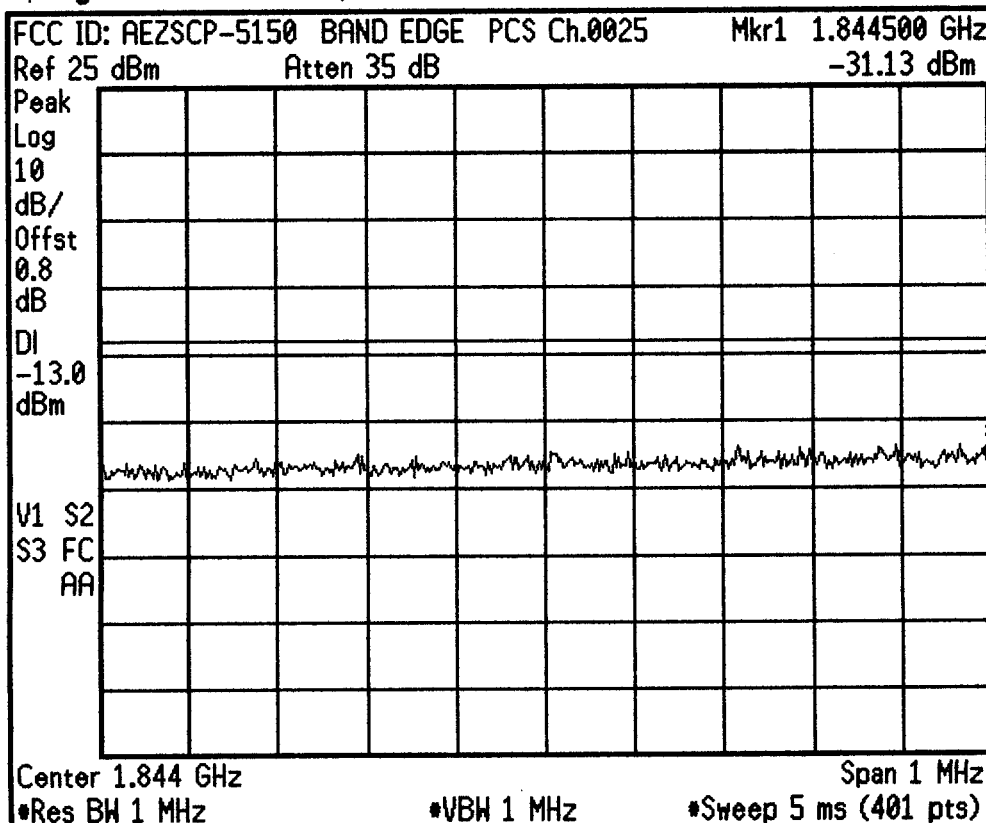
Stop Freq
 1.84550000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 10:03:02 Sep 17, 2001



Freq/Channel

Center Freq
 1.84400000 GHz

Start Freq
 1.84350000 GHz

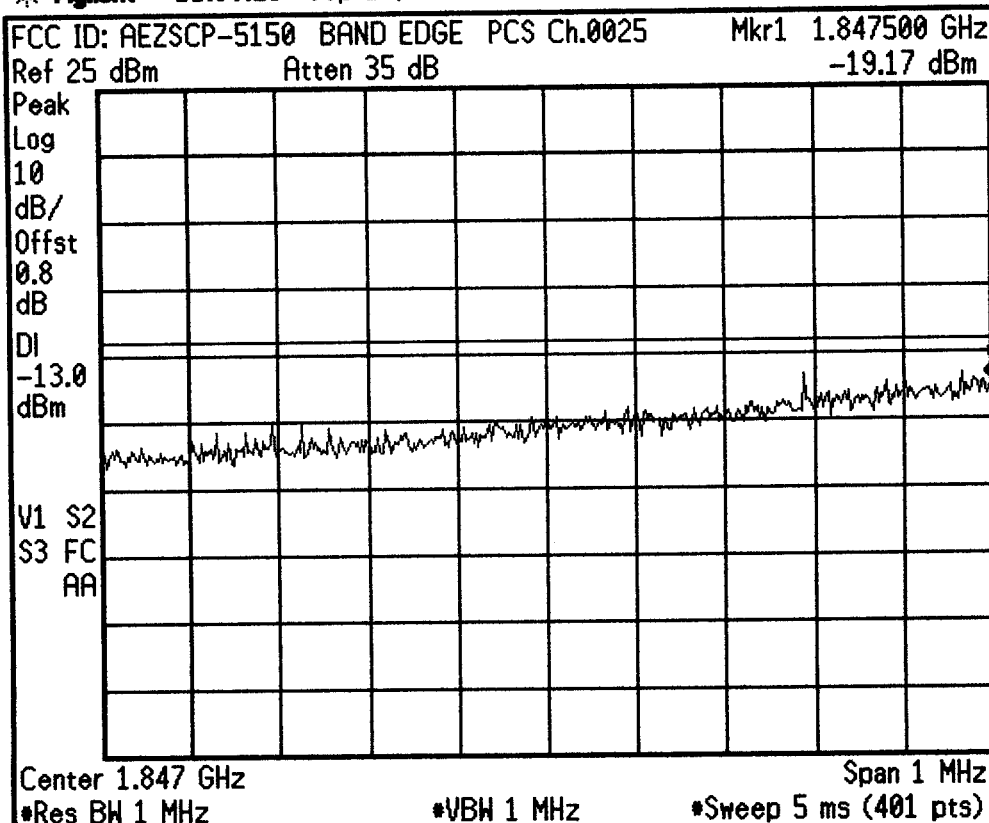
Stop Freq
 1.84450000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 11:30:23 Sep 17, 2001



Freq/Channel

Center Freq
 1.84700000 GHz

Start Freq
 1.84650000 GHz

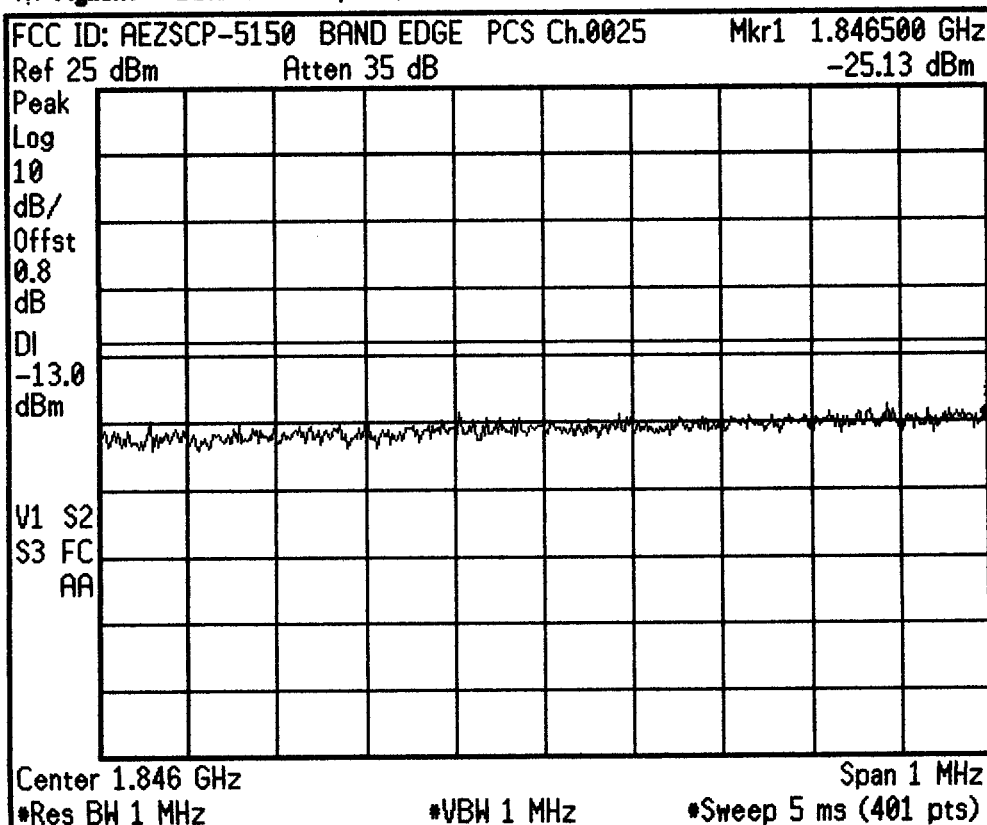
Stop Freq
 1.84750000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 11:31:55 Sep 17, 2001



Freq/Channel

Center Freq
 1.84600000 GHz

Start Freq
 1.84550000 GHz

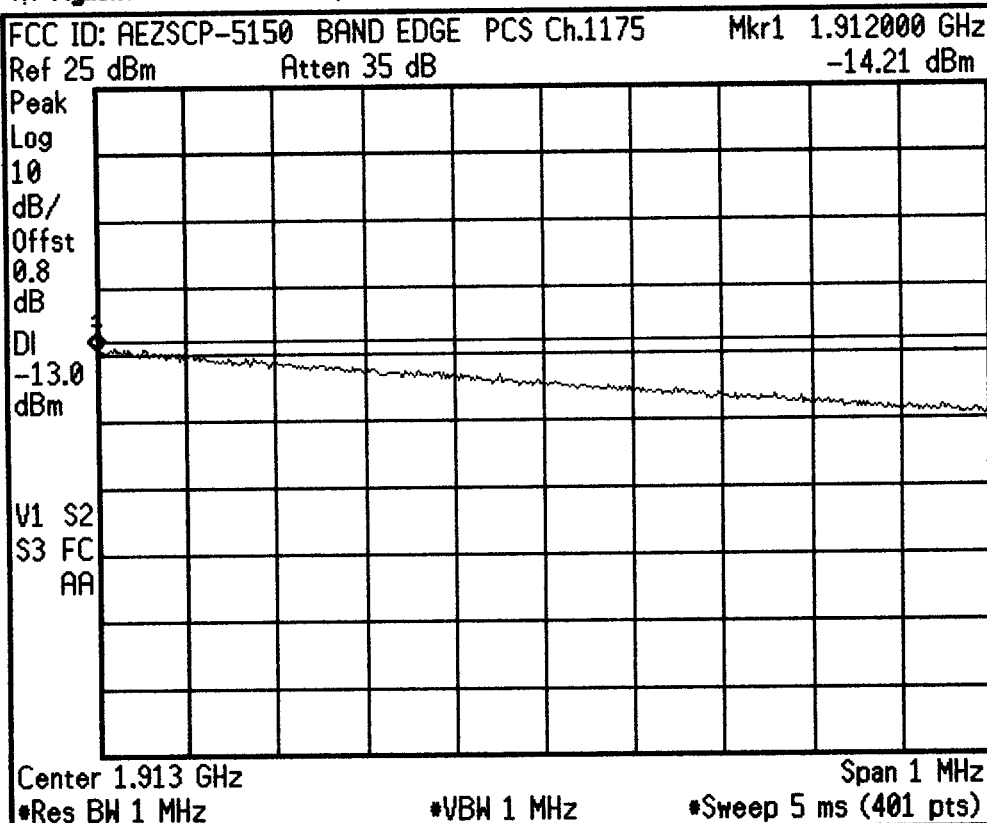
Stop Freq
 1.84650000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 11:18:26 Sep 17, 2001



Freq/Channel

Center Freq
 1.91250000 GHz

Start Freq
 1.91200000 GHz

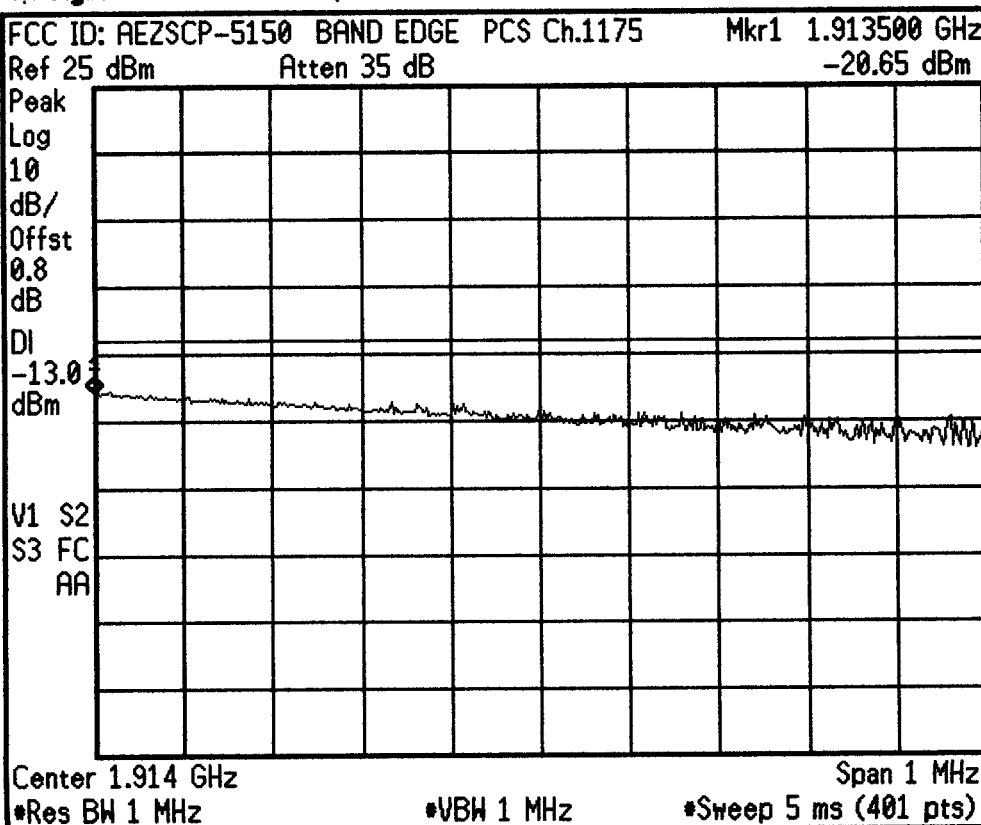
Stop Freq
 1.91300000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 11:20:35 Sep 17, 2001



Freq/Channel

Center Freq
 1.91400000 GHz

Start Freq
 1.91350000 GHz

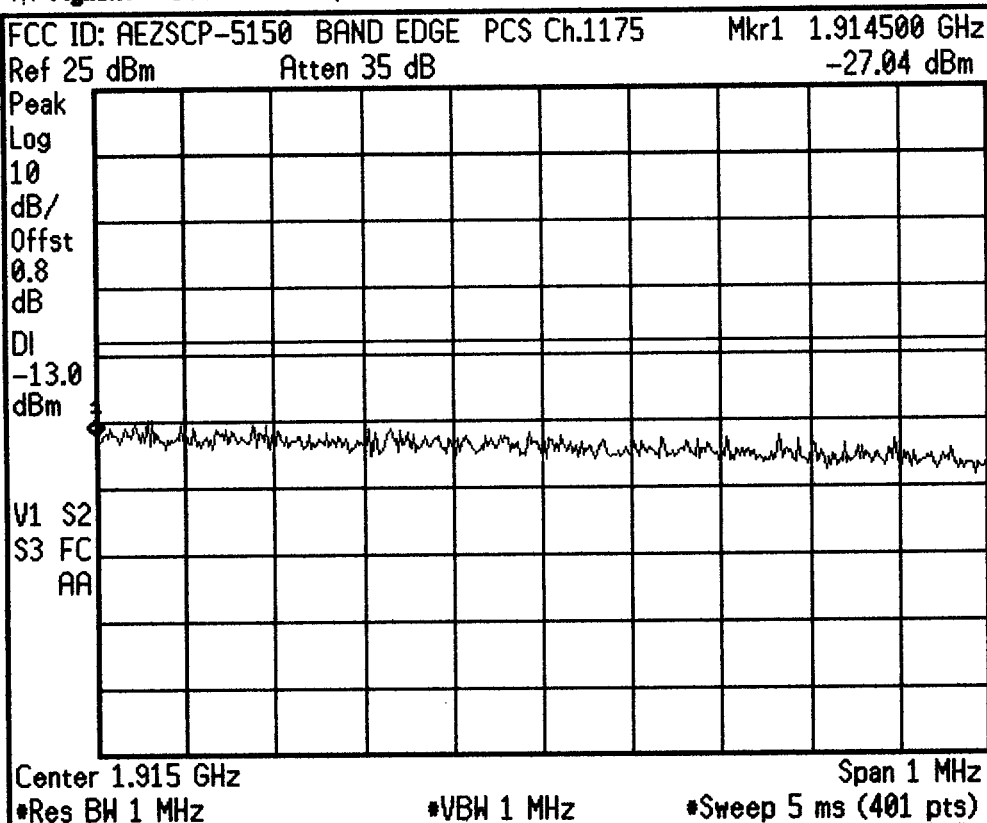
Stop Freq
 1.91450000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

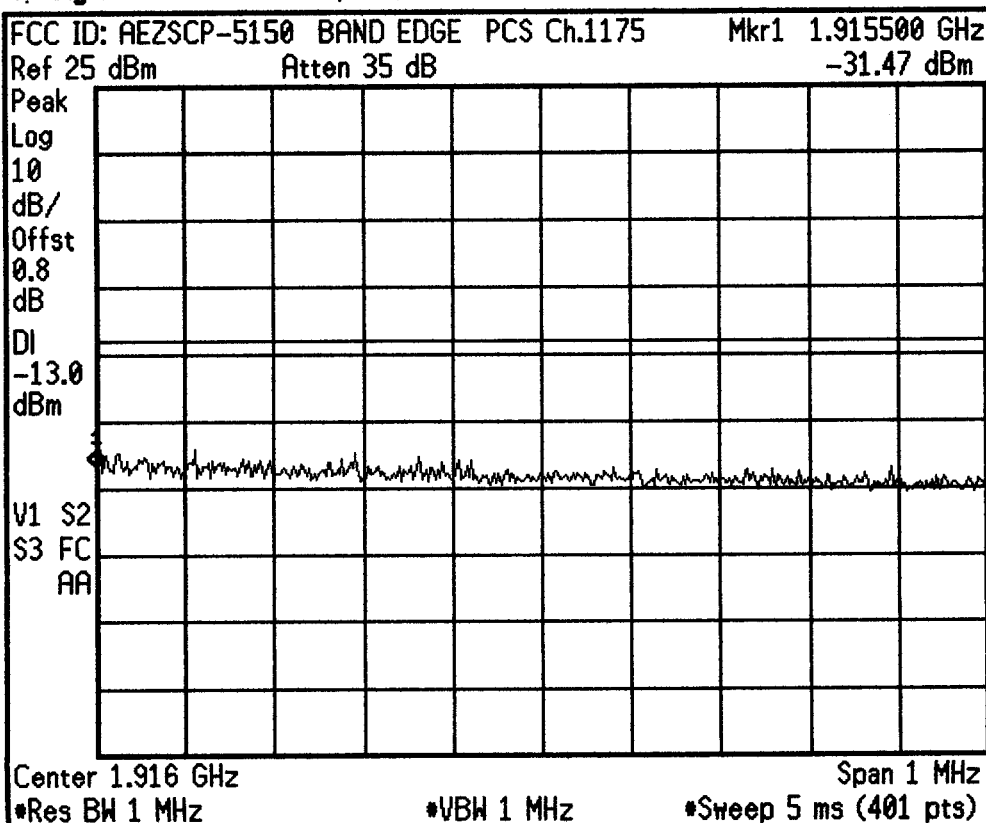
Signal Track
 On Off

* Agilent 11:22:30 Sep 17, 2001



Freq/Channel
Center Freq 1.91500000 GHz
Start Freq 1.91450000 GHz
Stop Freq 1.91550000 GHz
CF Step 100.000000 kHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 11:23:43 Sep 17, 2001



Freq/Channel
Center Freq 1.91600000 GHz
Start Freq 1.91550000 GHz
Stop Freq 1.91650000 GHz
CF Step 100.000000 kHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

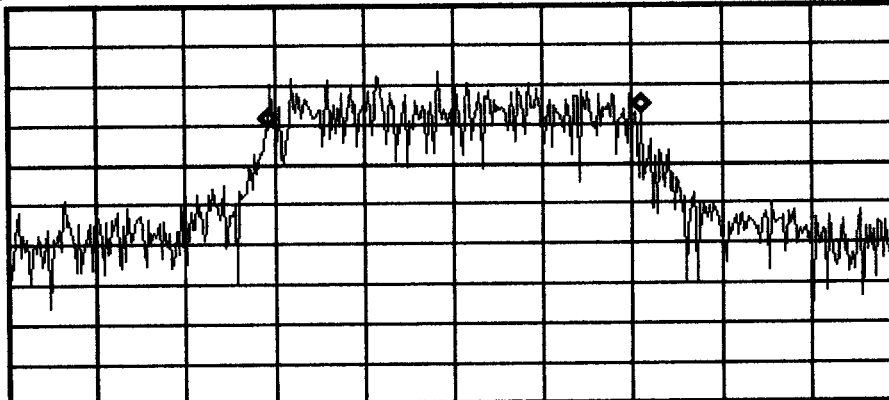
* Agilent 11:36:06 Sep 17, 2001

FCC ID: AEZSCP-5150 BAND EDGE PCS Ch.0600

Ref 25 dBm

Atten 35 dB

Samp
Log
10
dB/
Offst
0.8
dB



Center 1.88 GHz

Span 3 MHz

*Res BW 30 kHz

*VBW 300 kHz

Sweep 9.167 ms (401 pts)

Occupied Bandwidth Results (idle)

Occupied Bandwidth

Occ BW % Pwr 99.00 %

1.252 MHz

Transmit Freq Error 3.808 kHz

Display

Full Screen

Display Line

-13.00 dBm

On

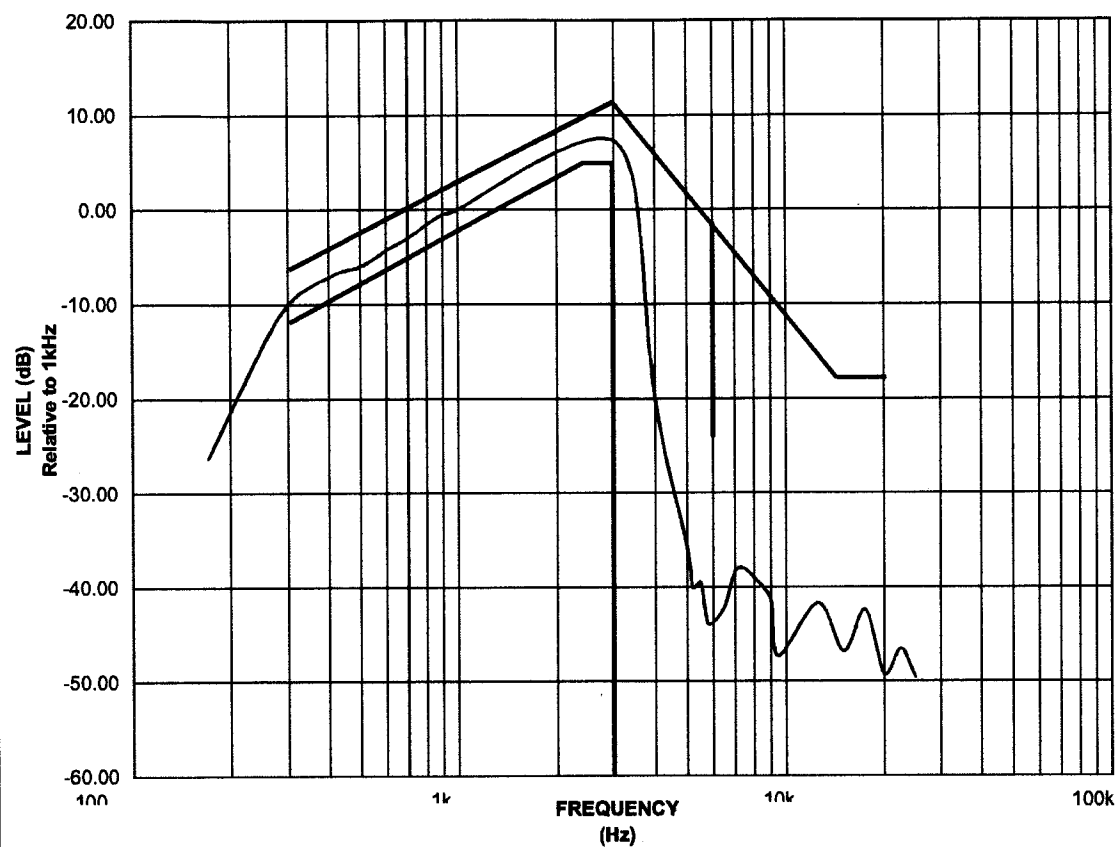
Off

Limits>

Title>

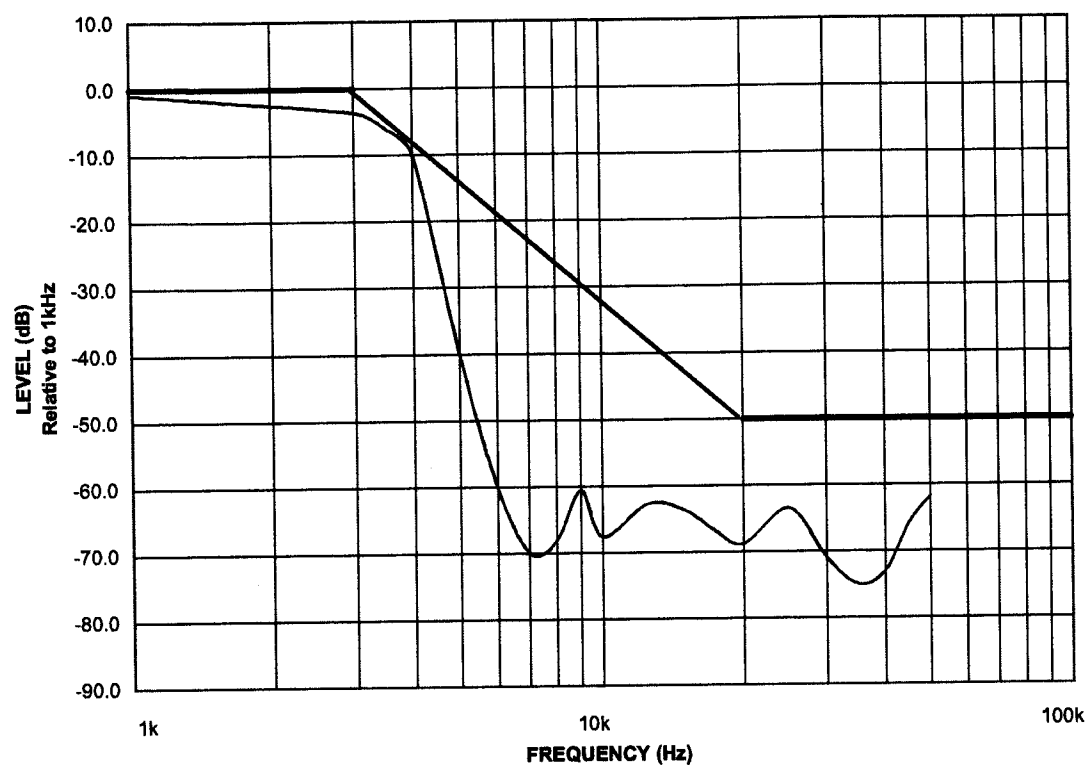
Preferences>

Transmitter Audio Frequency Response



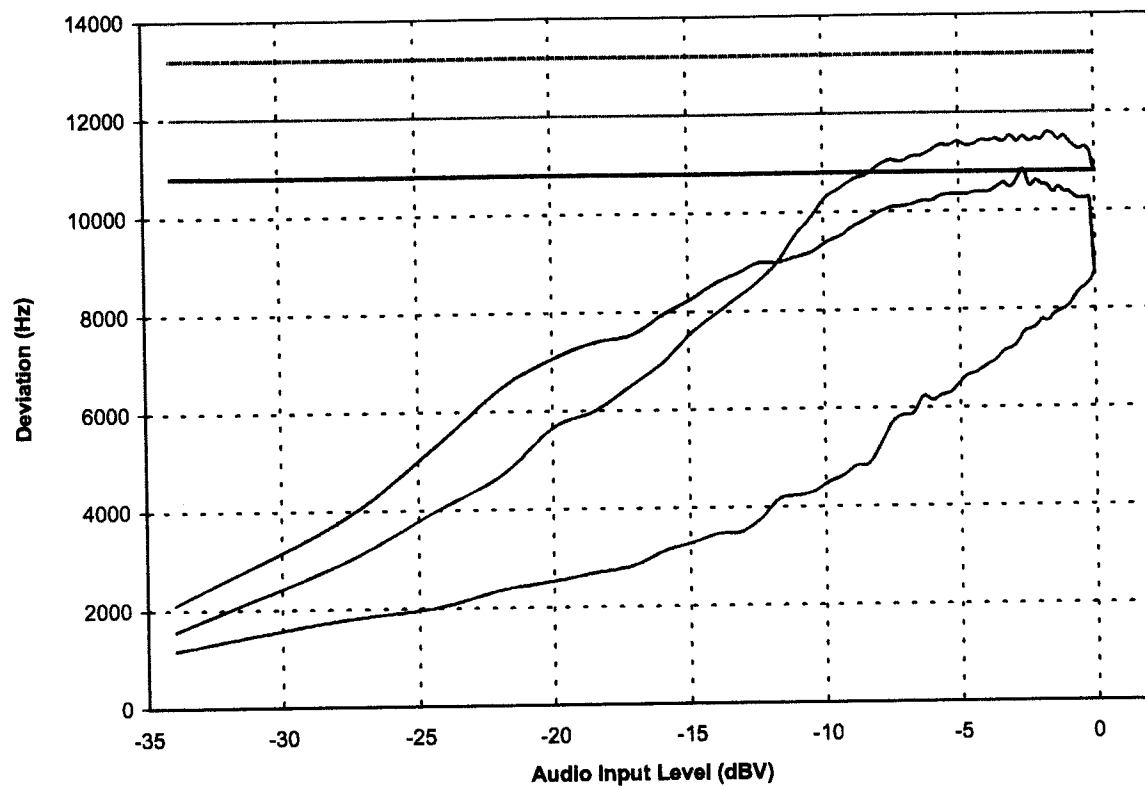
SANYO Dual-Band Analog/PCS Phone (AMPS/CDMA)
FCC ID: AEZSCP-5150

Frequency Response of Audio Low Pass Filter



SANYO Dual-Band Analog/PCS Phone (AMPS/CDMA)
FCC ID: AEZSCP-5150

Modulation Limiting



SANYO Dual-Band Analog/PCS Phone (AMPS/CDMA)
FCC ID: AEZSCP-5150