

ATTACHMENT D – TEST PLOTS

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:JVPH0522

ACER Comm. & Multimedia

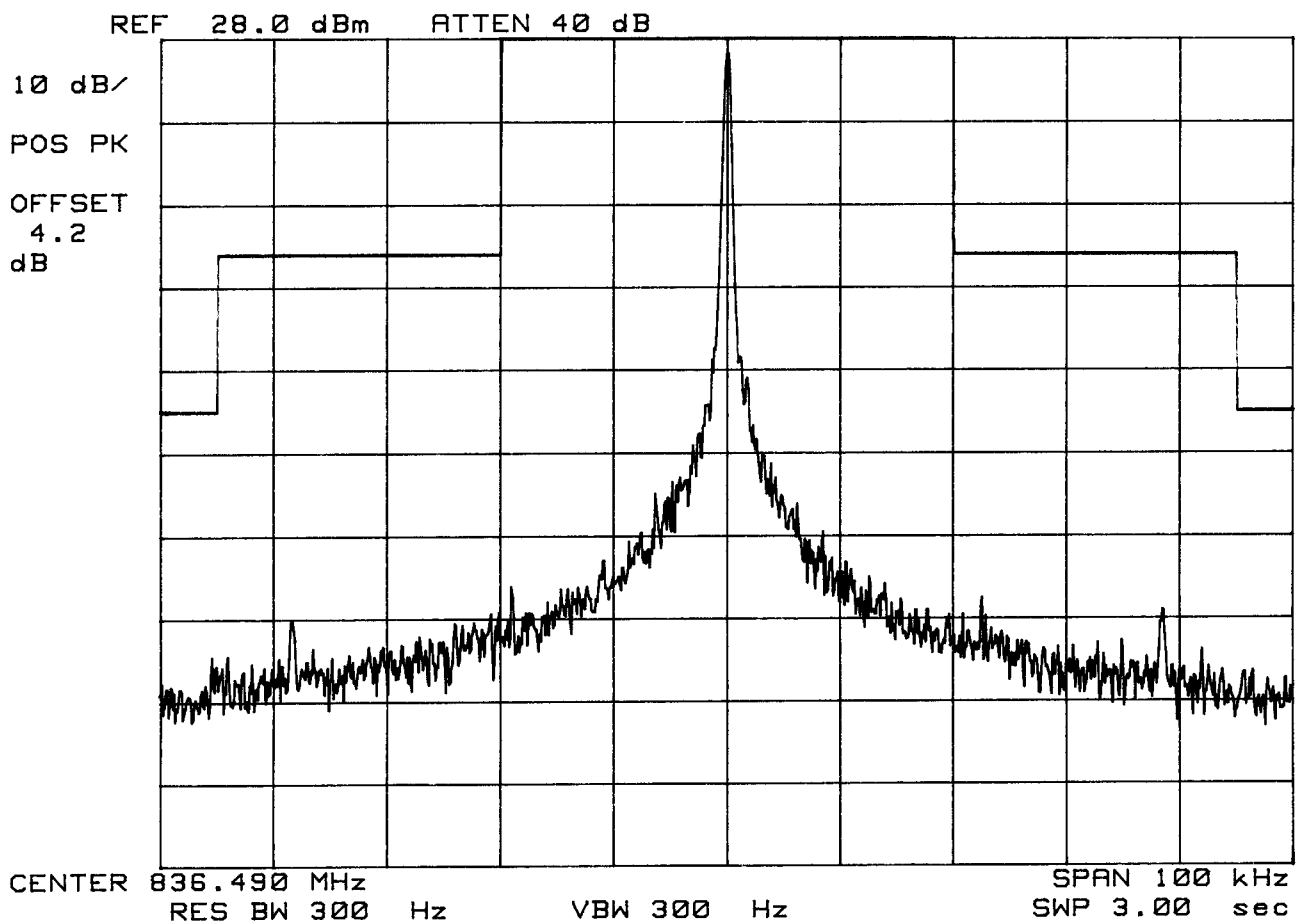
Tri-Mode Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:JVPH0522

ACER Comm. & Multimedia

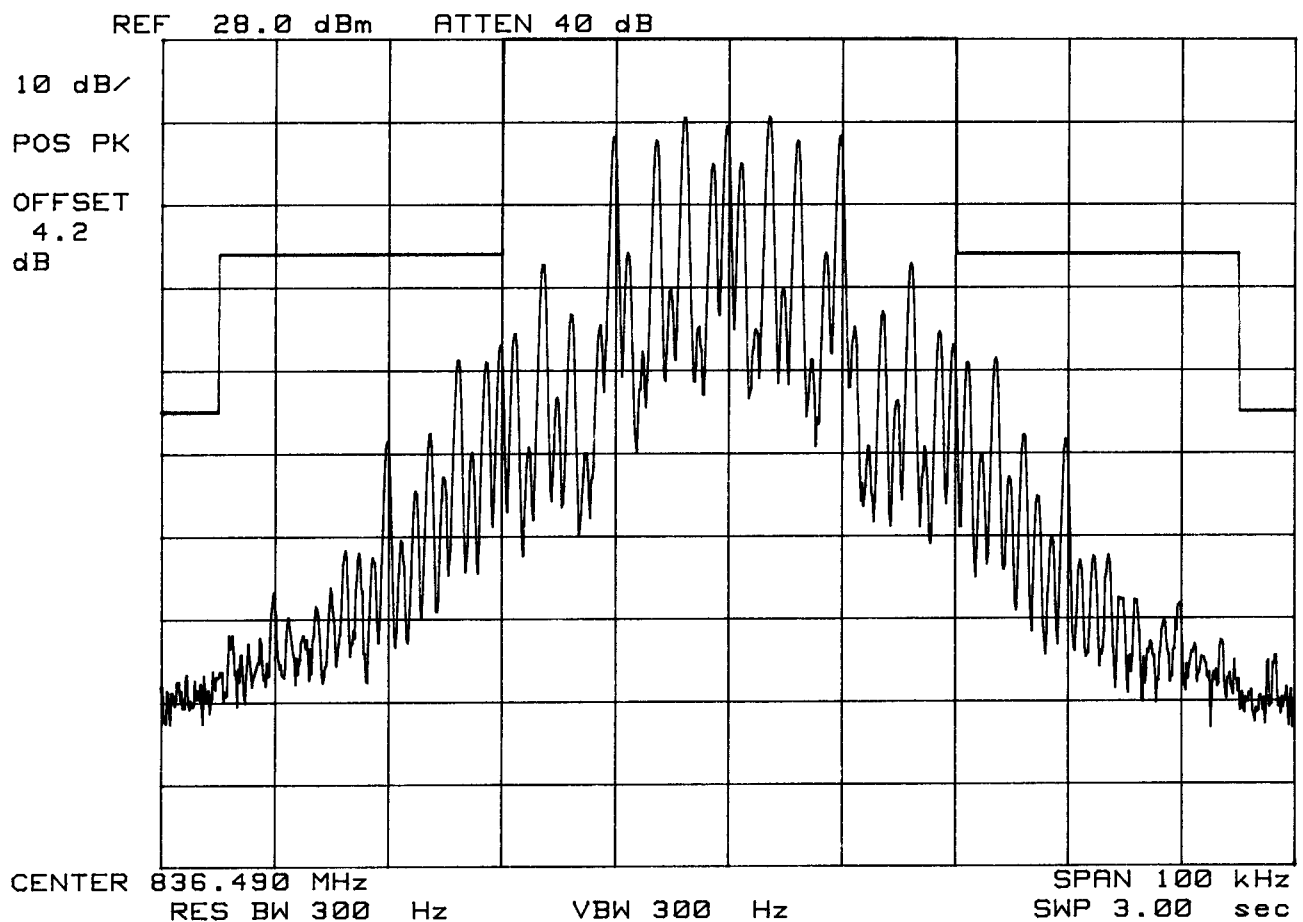
Tri-Mode Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:Wide Band Data



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:JVPH0522

ACER Comm. & Multimedia

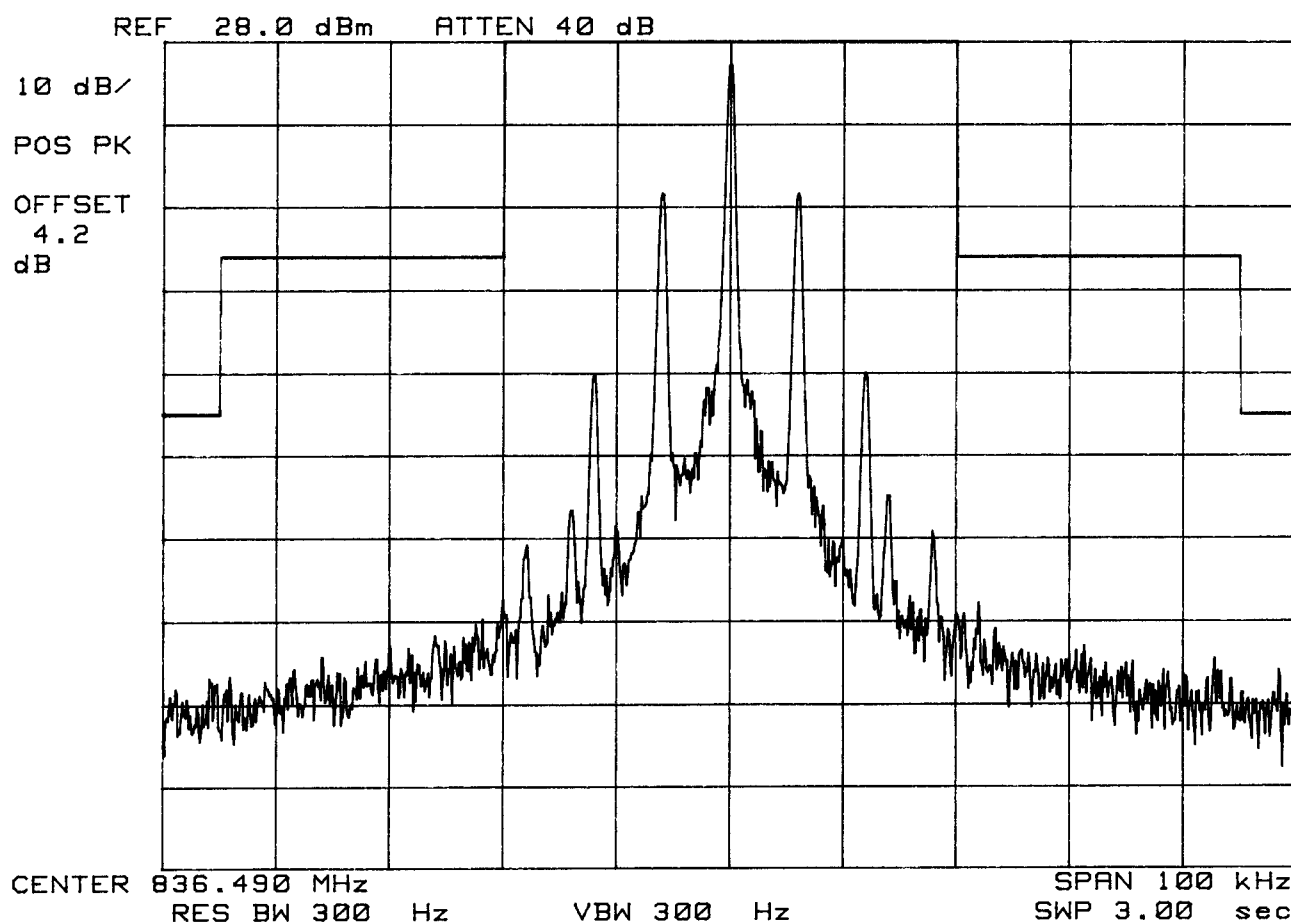
Tri-Mode Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:JVPH0522

ACER Comm. & Multimedia

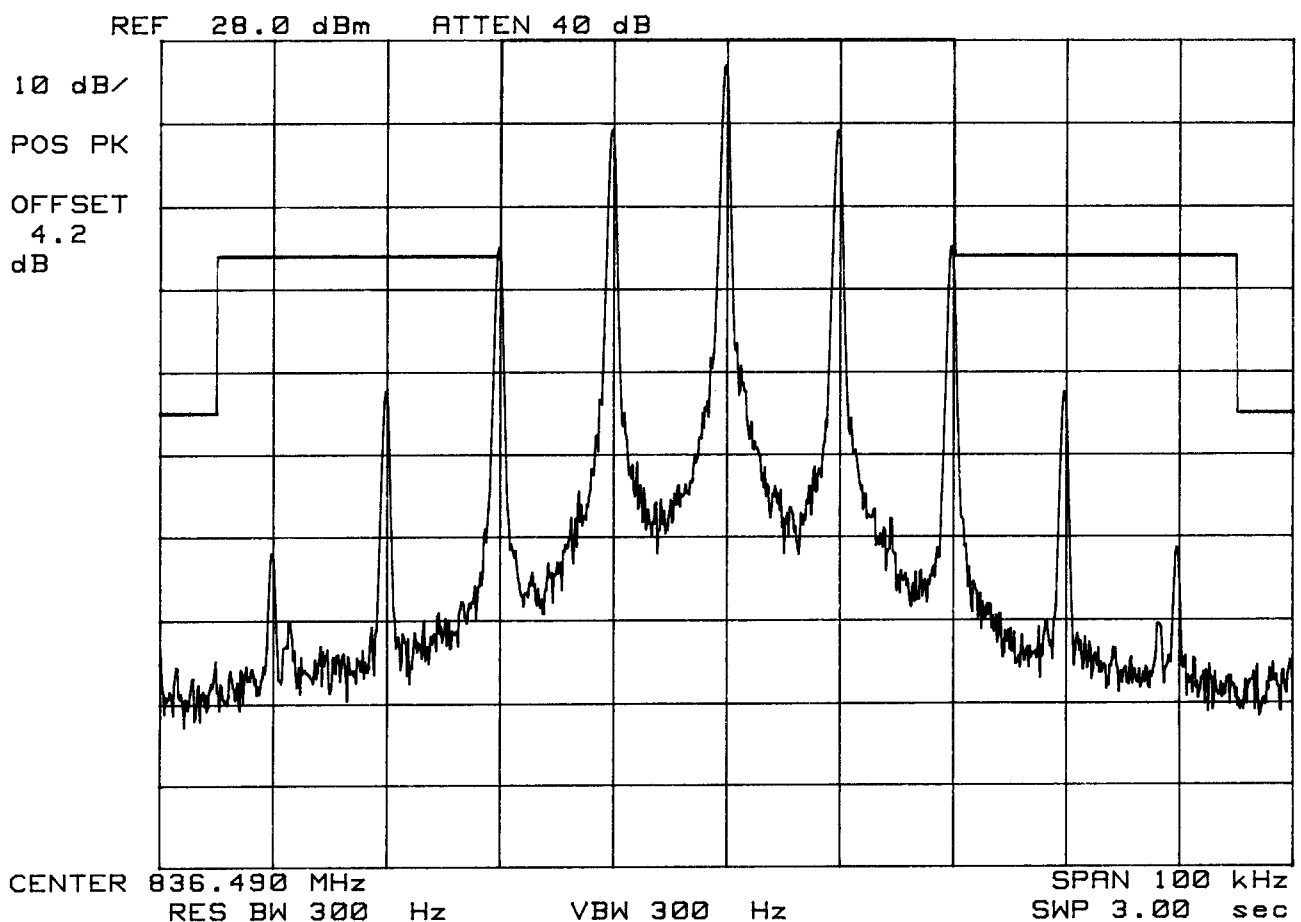
Tri-Mode Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:JVPH0522

ACER Comm. & Multimedia

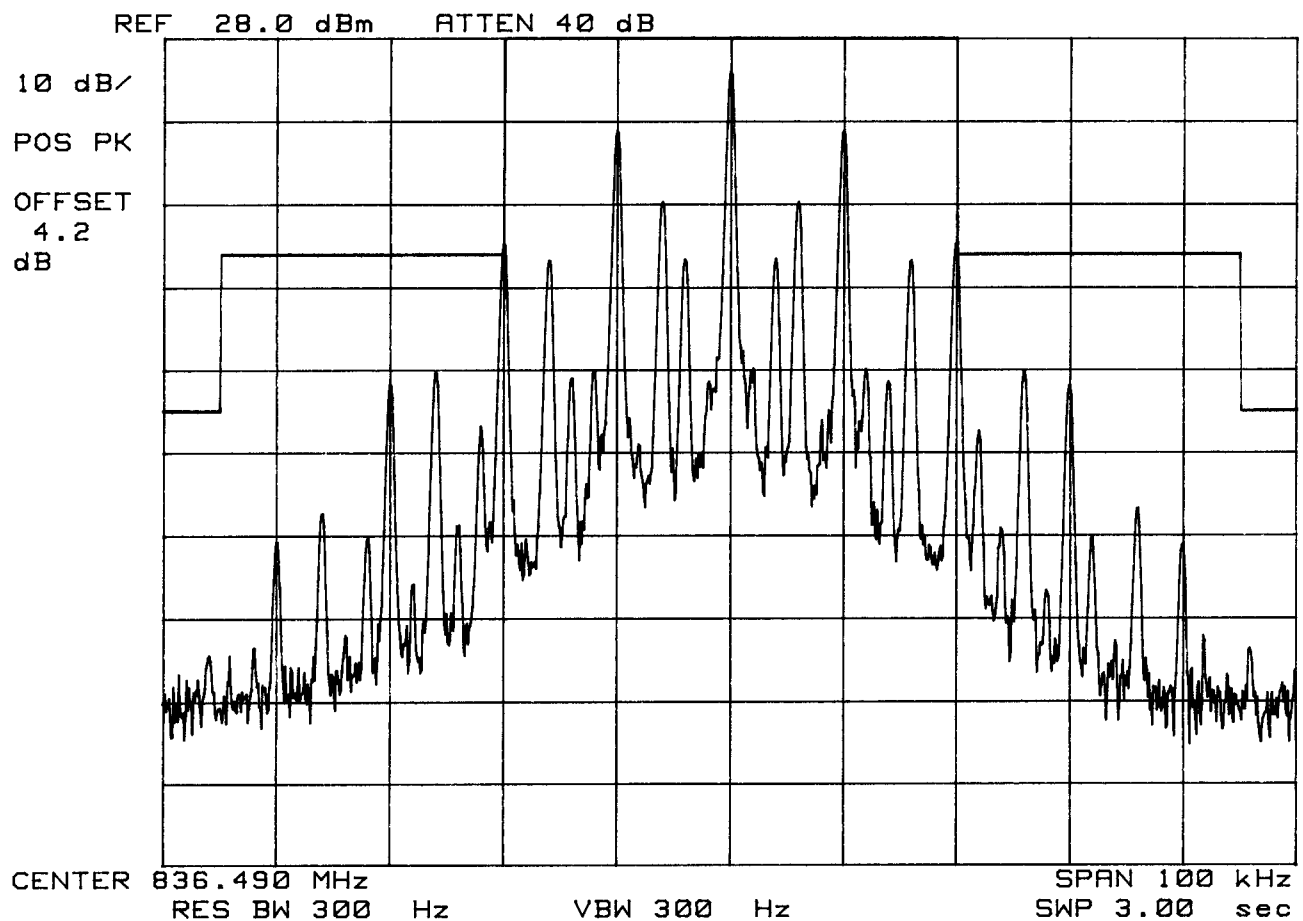
Tri-Mode Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:SAT + ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:JVPH0522

ACER Comm. & Multimedia

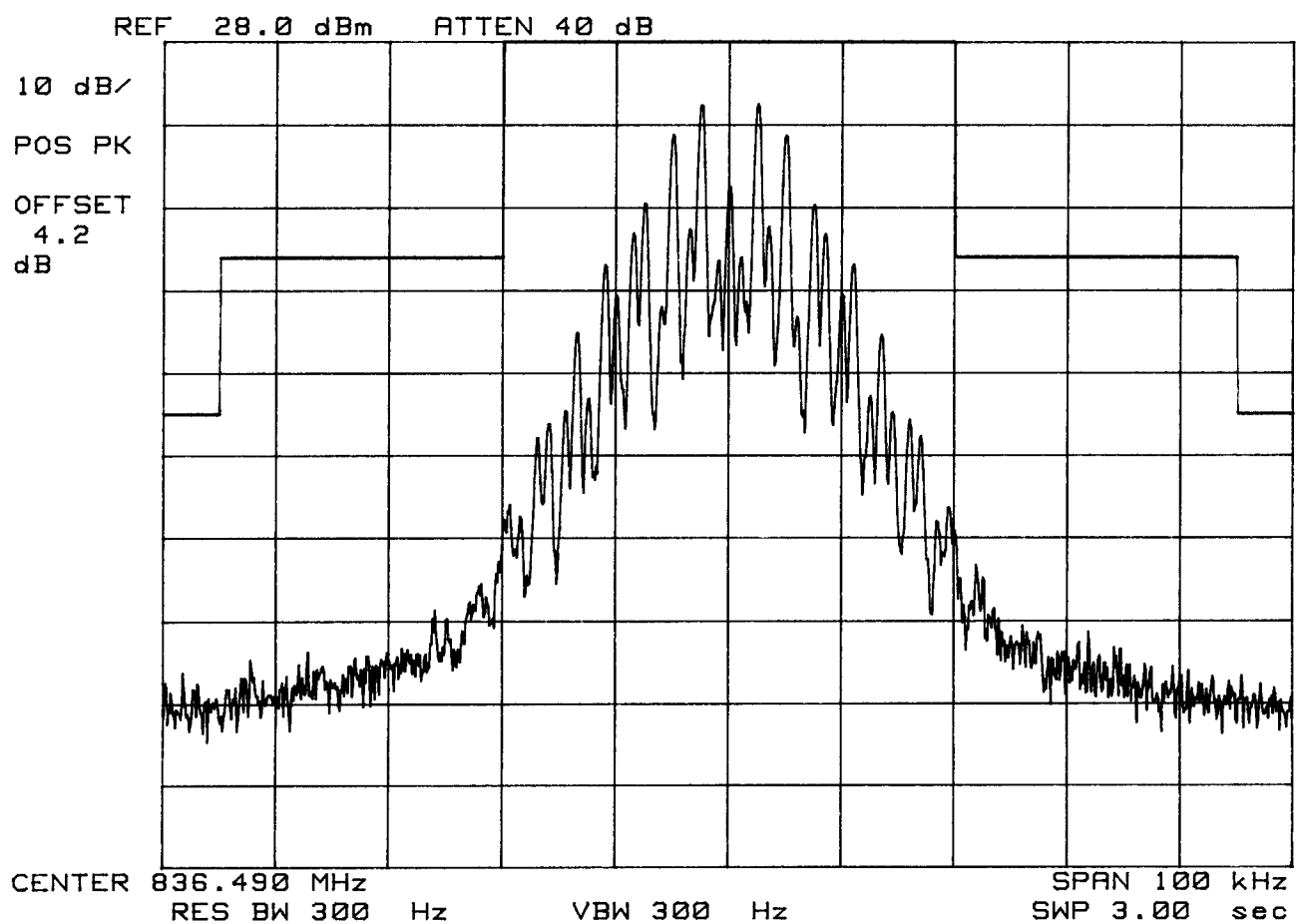
Tri-Mode Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:SAT + Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:JVPH0522

ACER Comm. & Multimedia

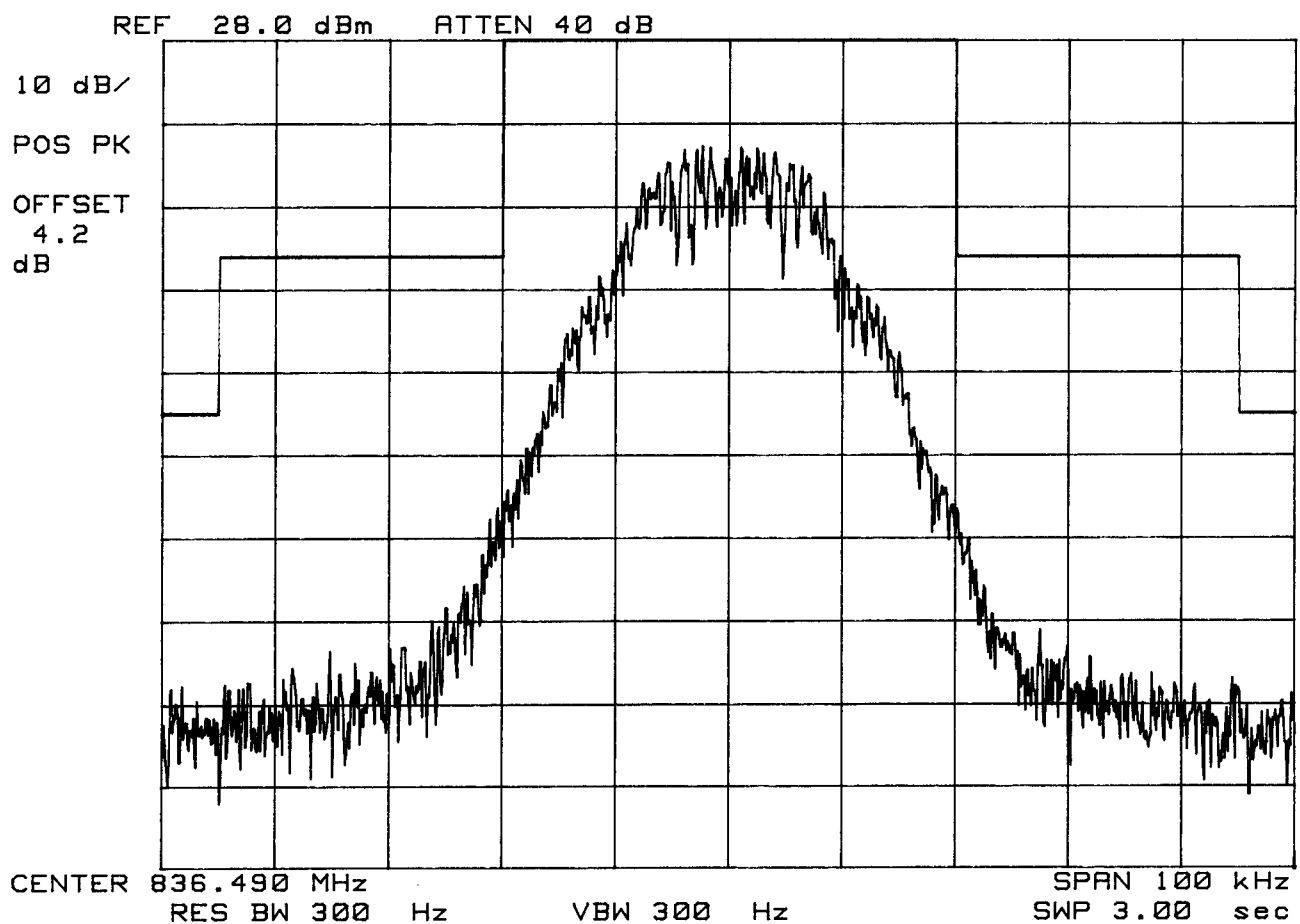
Tri-Mode Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:SAT + DTMF



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:JVPH0522

ACER Comm. & Multimedia

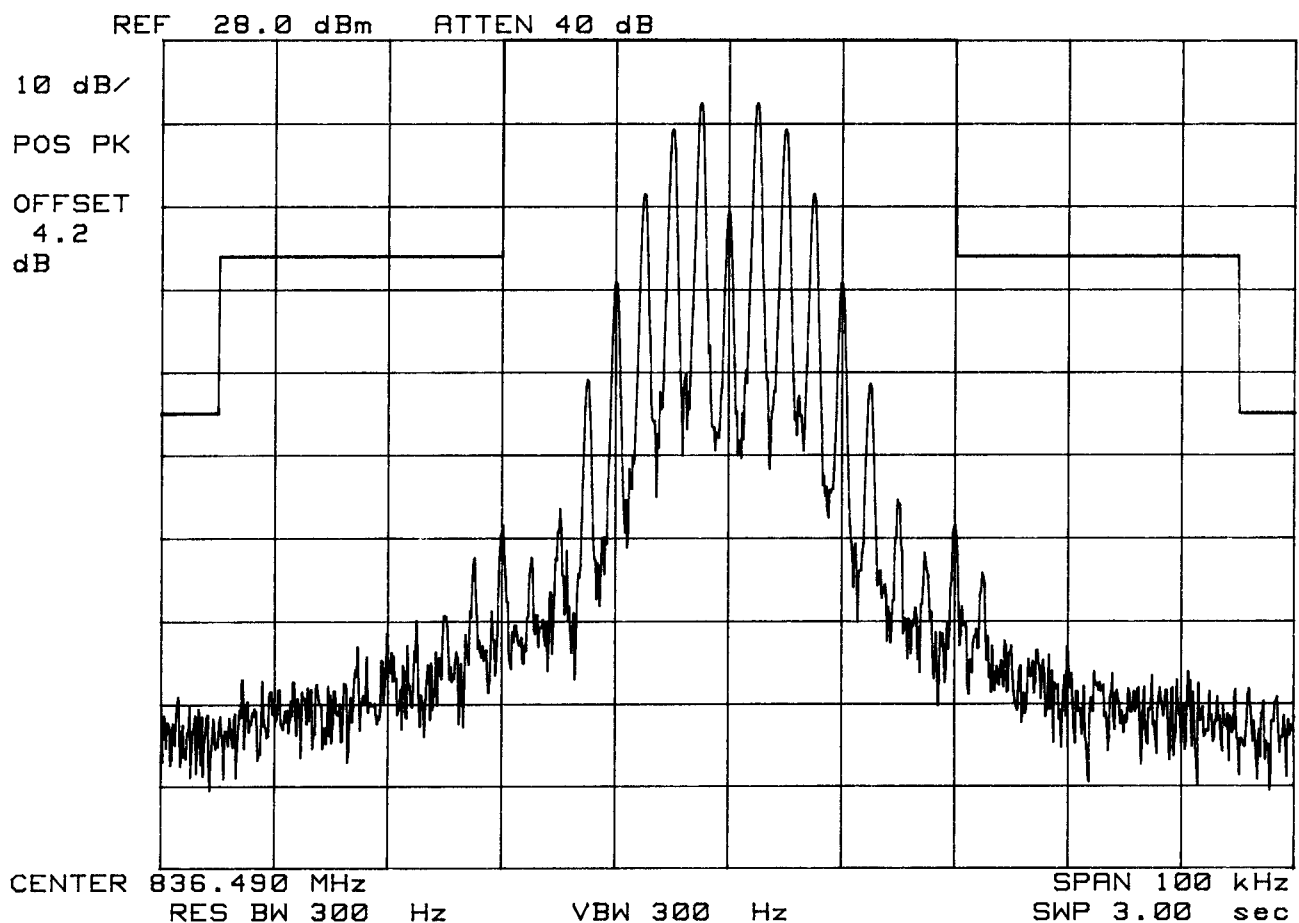
Tri-Mode Phone

FM Channel 0383

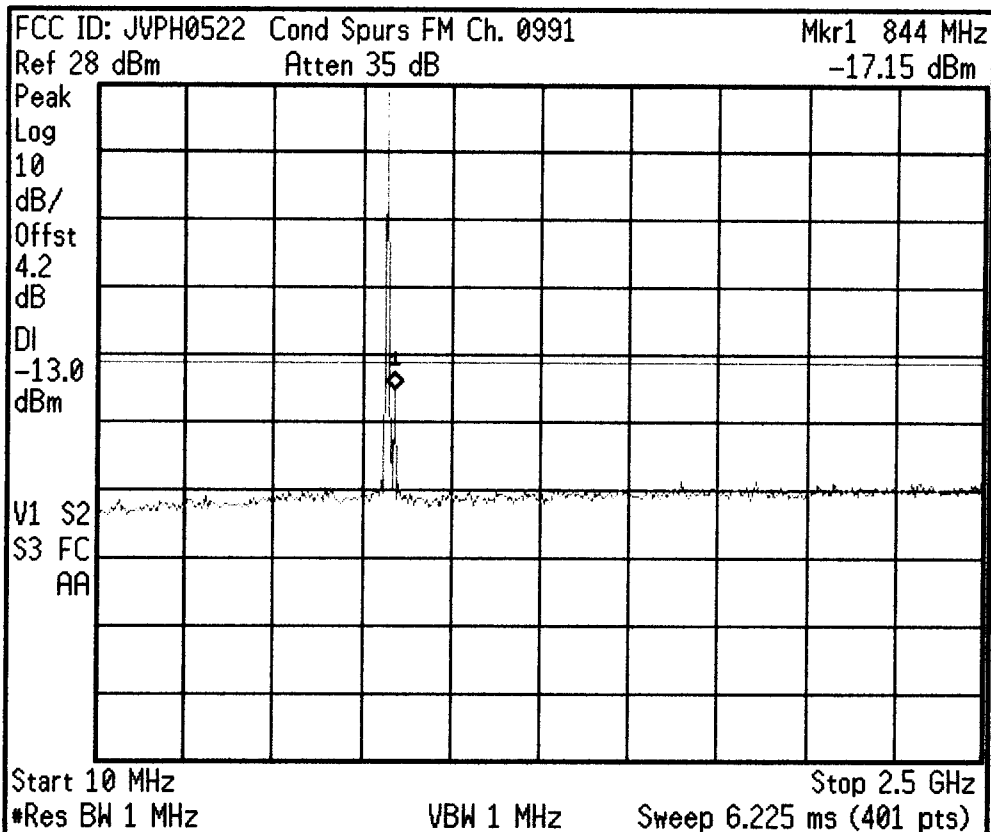
Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:Voice



* Agilent 05:46:55 Jul 20, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

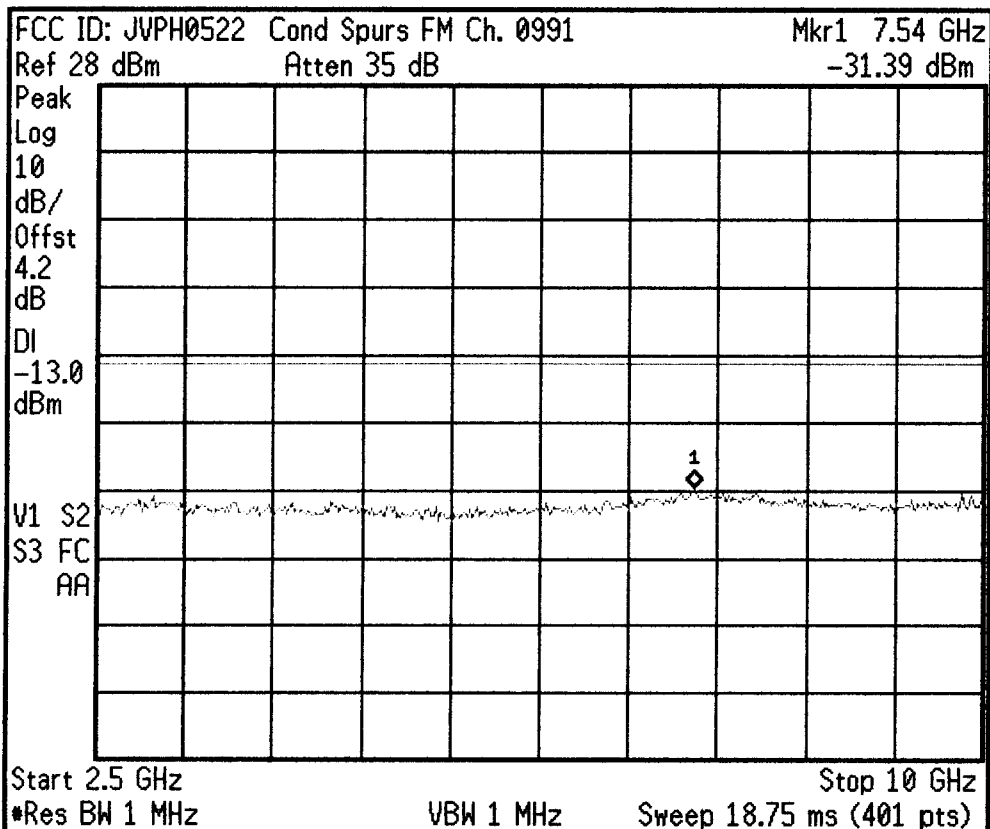
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 05:47:43 Jul 20, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

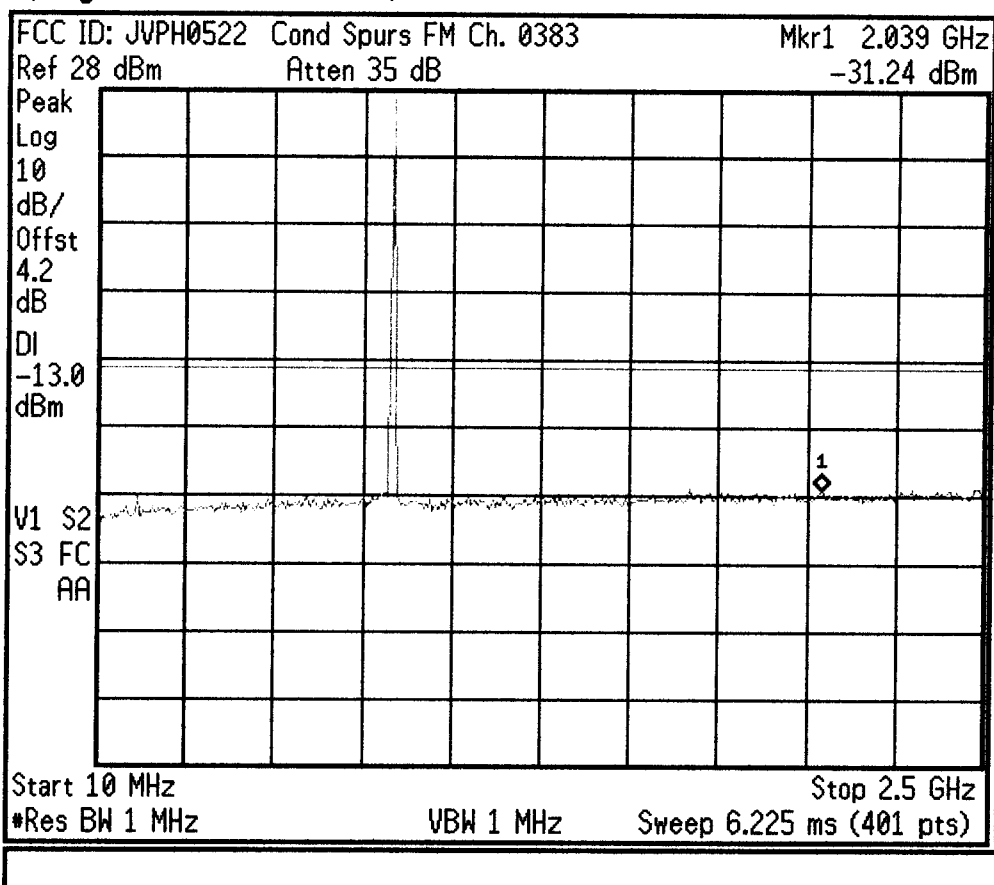
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 05:51:07 Jul 20, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

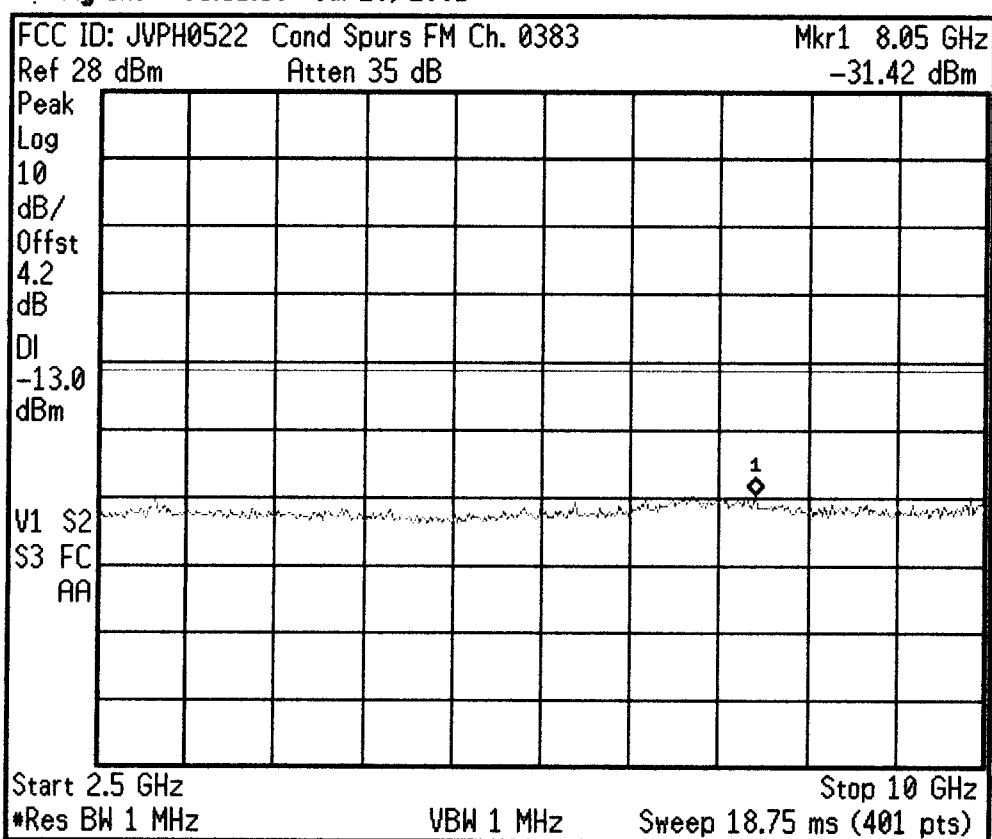
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 05:51:59 Jul 20, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

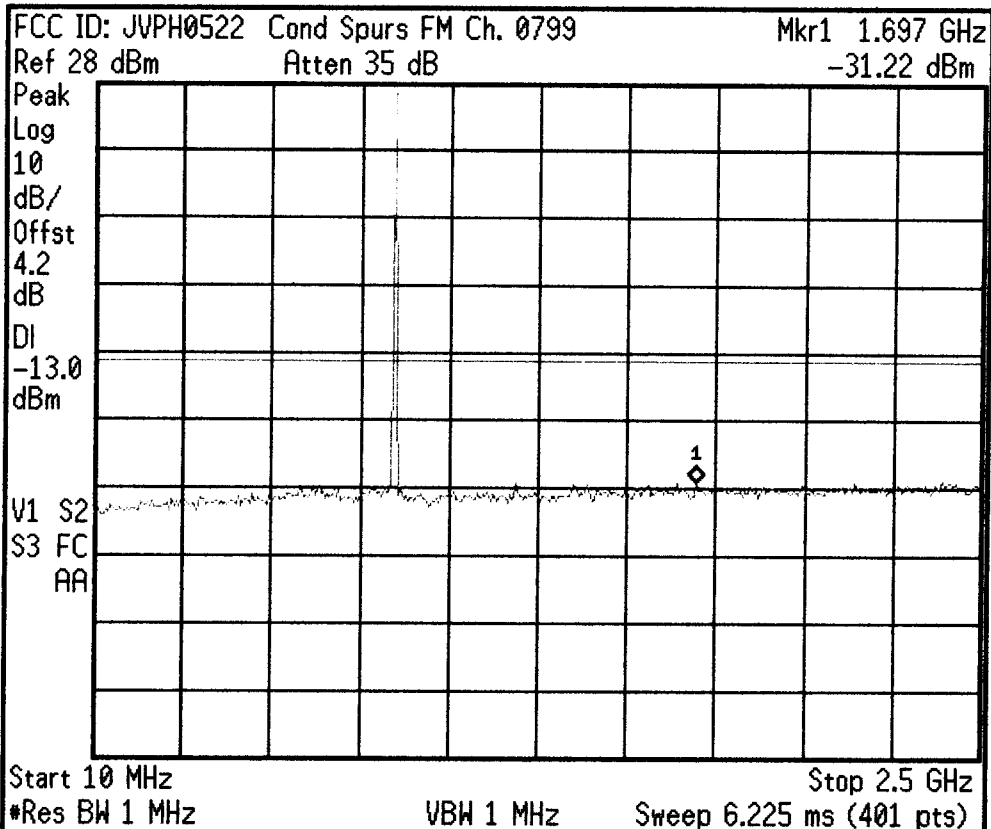
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Agilent 05:53:31 Jul 20, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

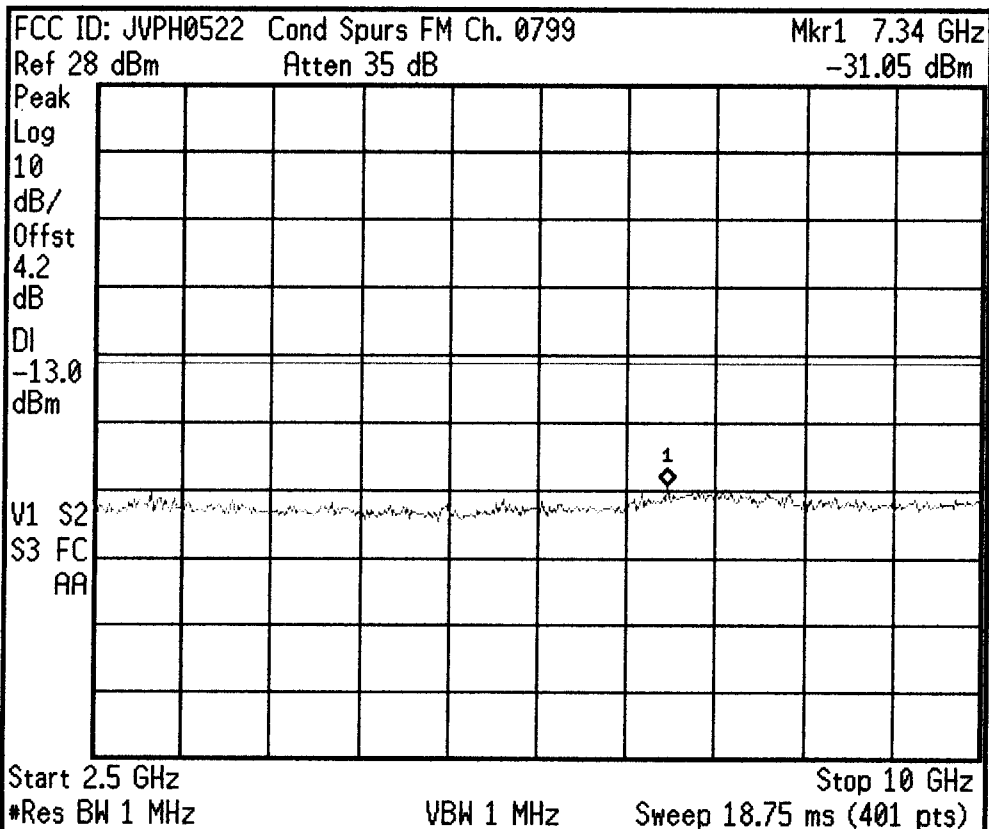
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Agilent 05:54:06 Jul 20, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

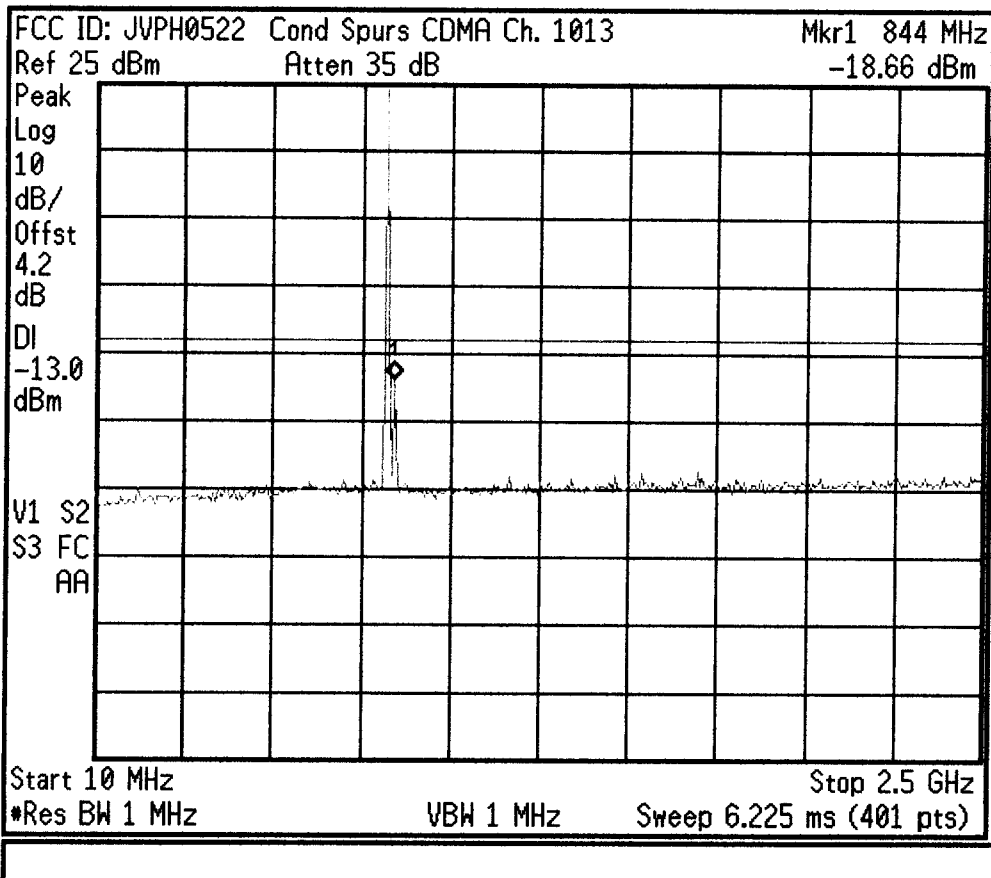
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 05:59:26 Jul 20, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

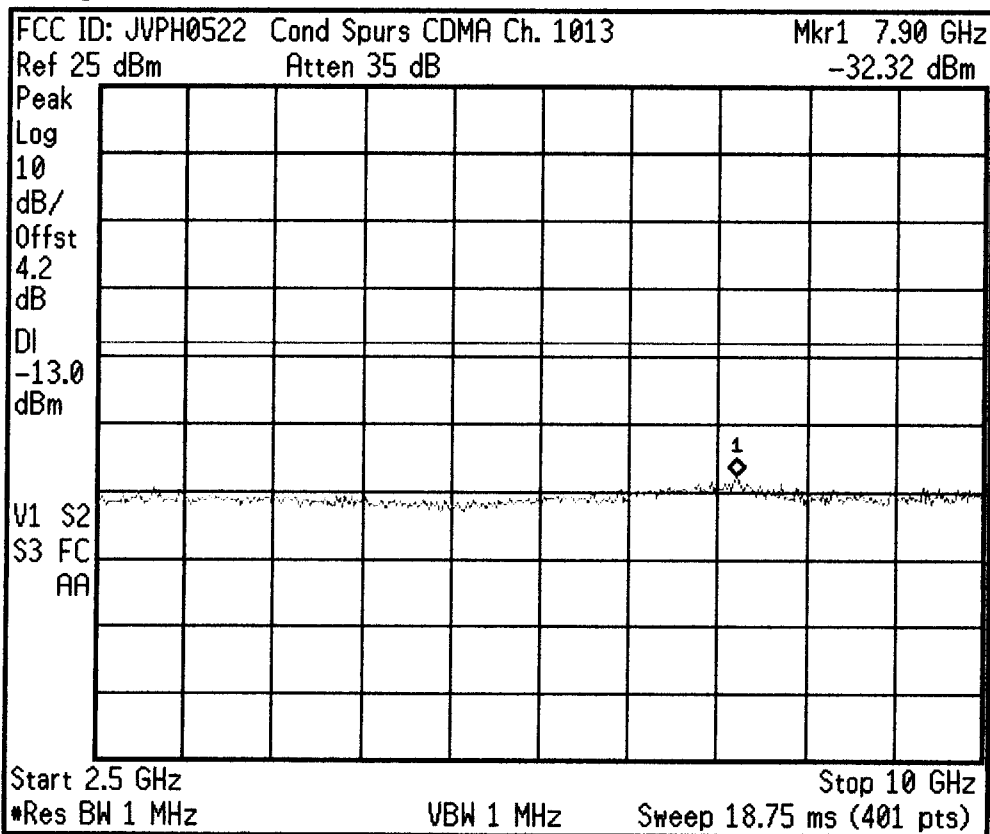
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:00:11 Jul 20, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

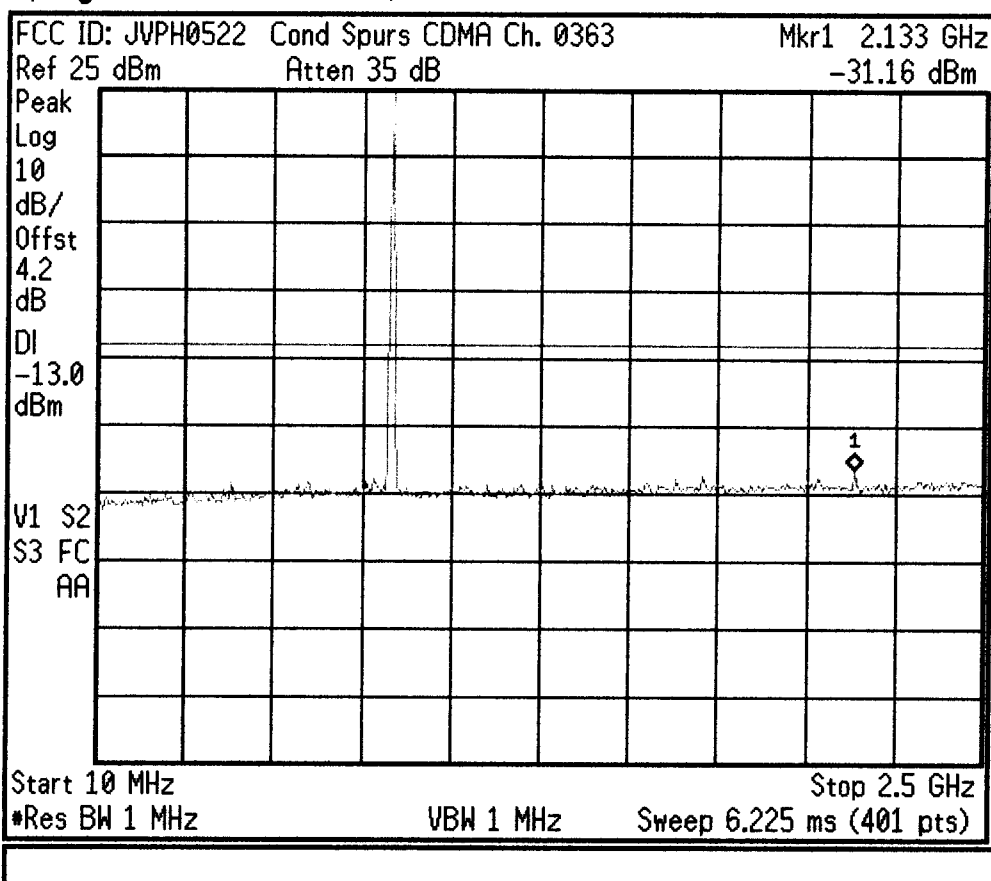
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:01:36 Jul 20, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

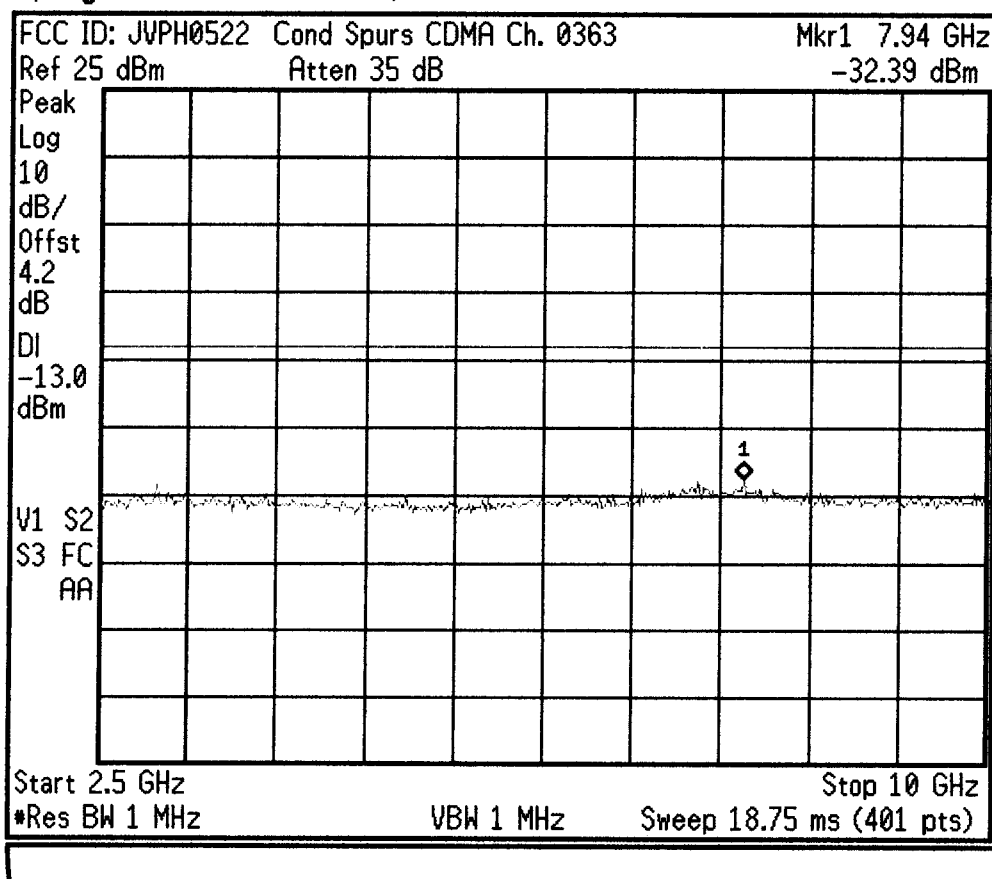
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:02:25 Jul 20, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

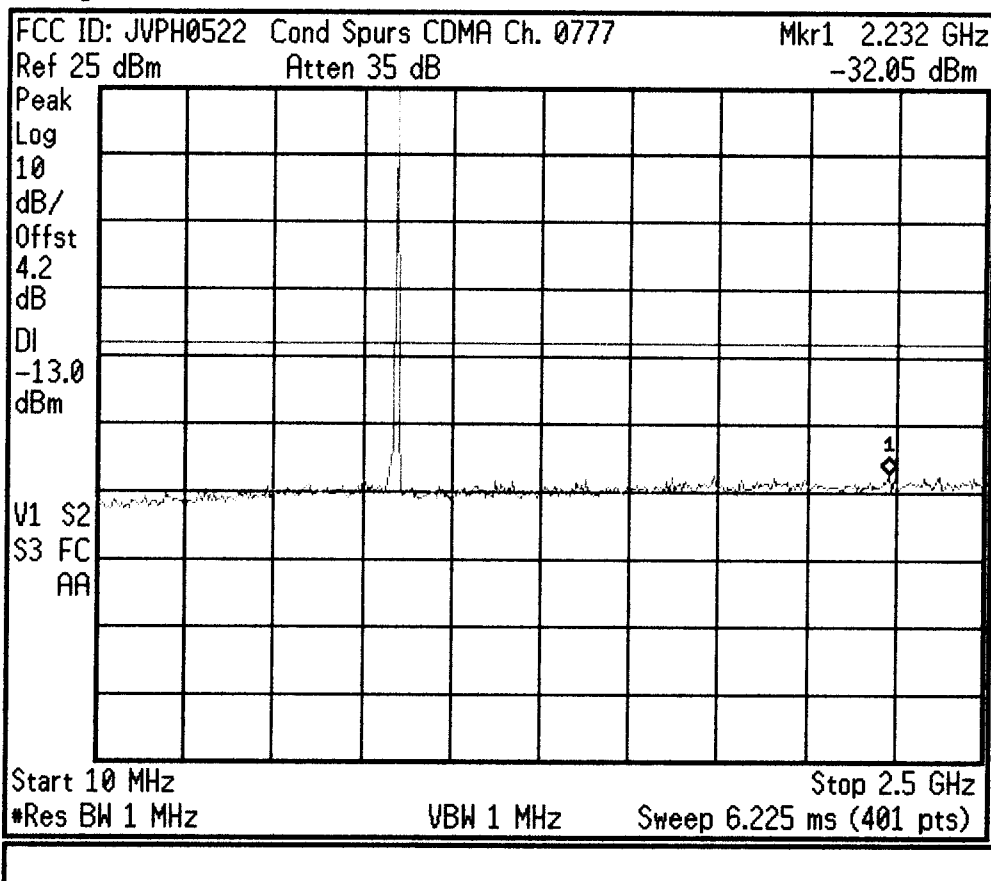
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:03:30 Jul 20, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

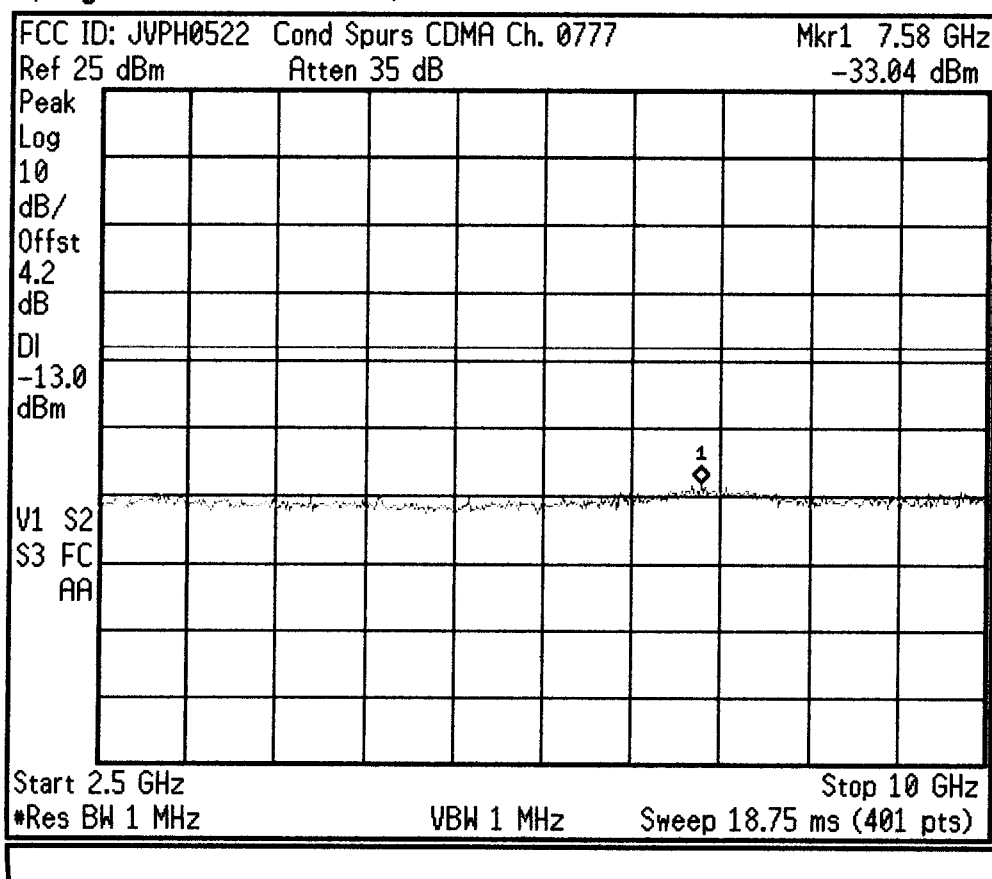
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:04:36 Jul 20, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

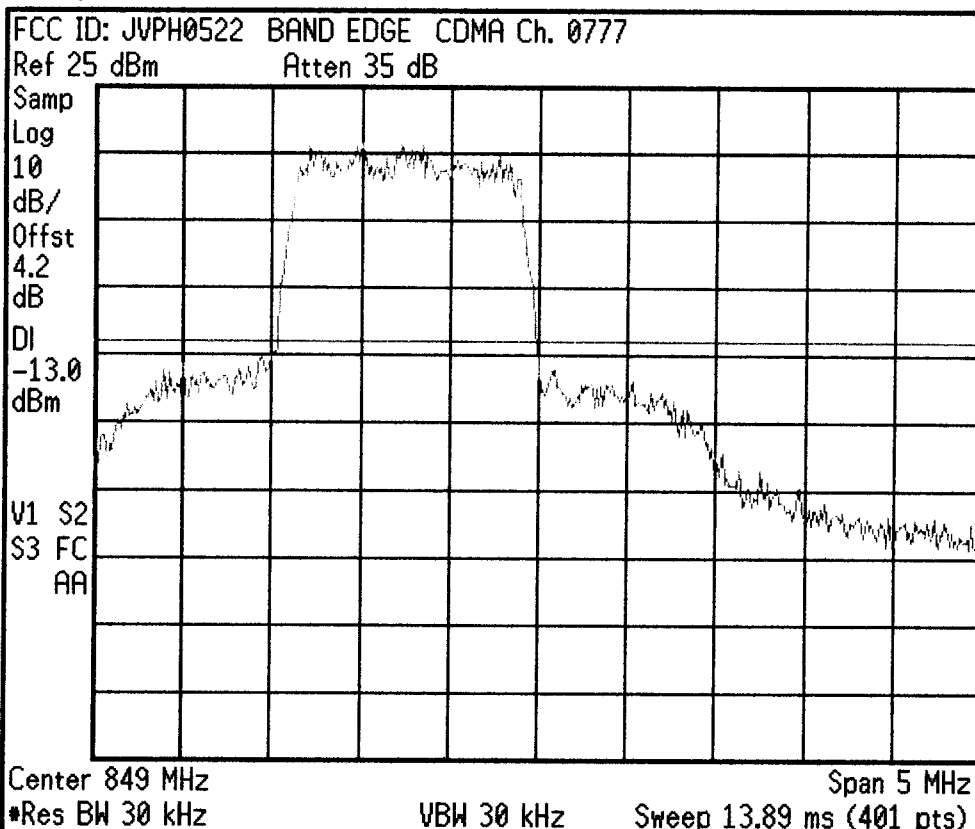
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:30:42 Jul 20, 2001



Freq/Channel

Center Freq
 849.000000 MHz

Start Freq
 846.500000 MHz

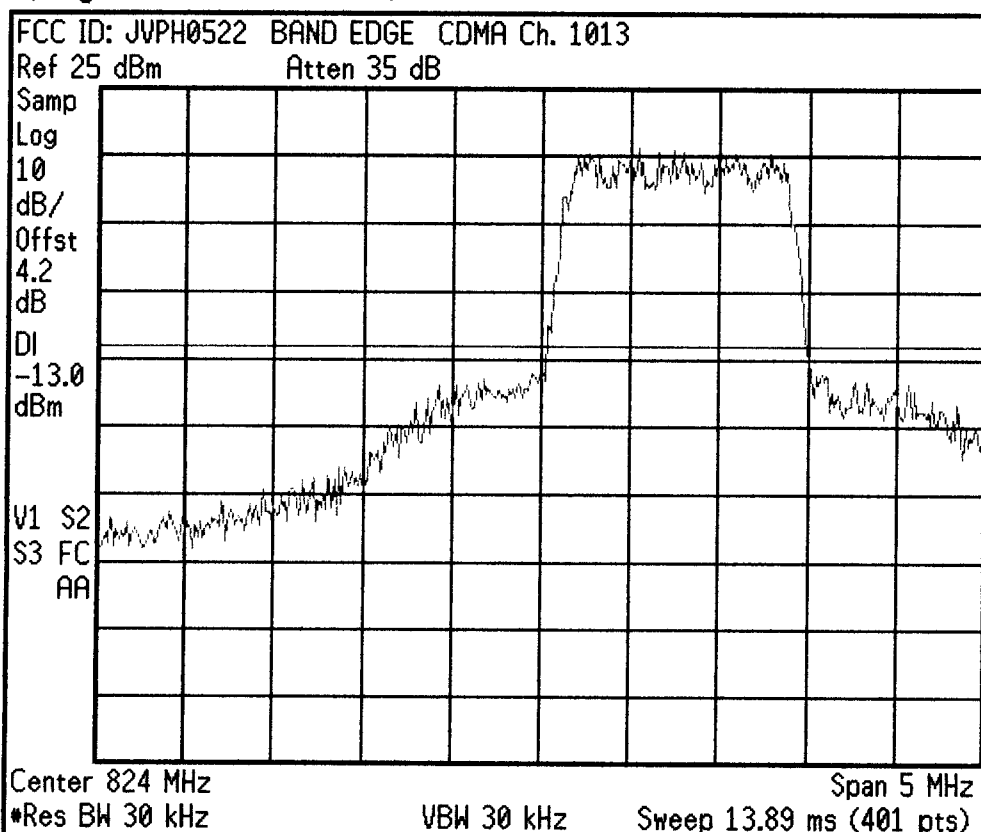
Stop Freq
 851.500000 MHz

CF Step
 500.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:32:22 Jul 20, 2001



Freq/Channel

Center Freq
 824.000000 MHz

Start Freq
 821.500000 MHz

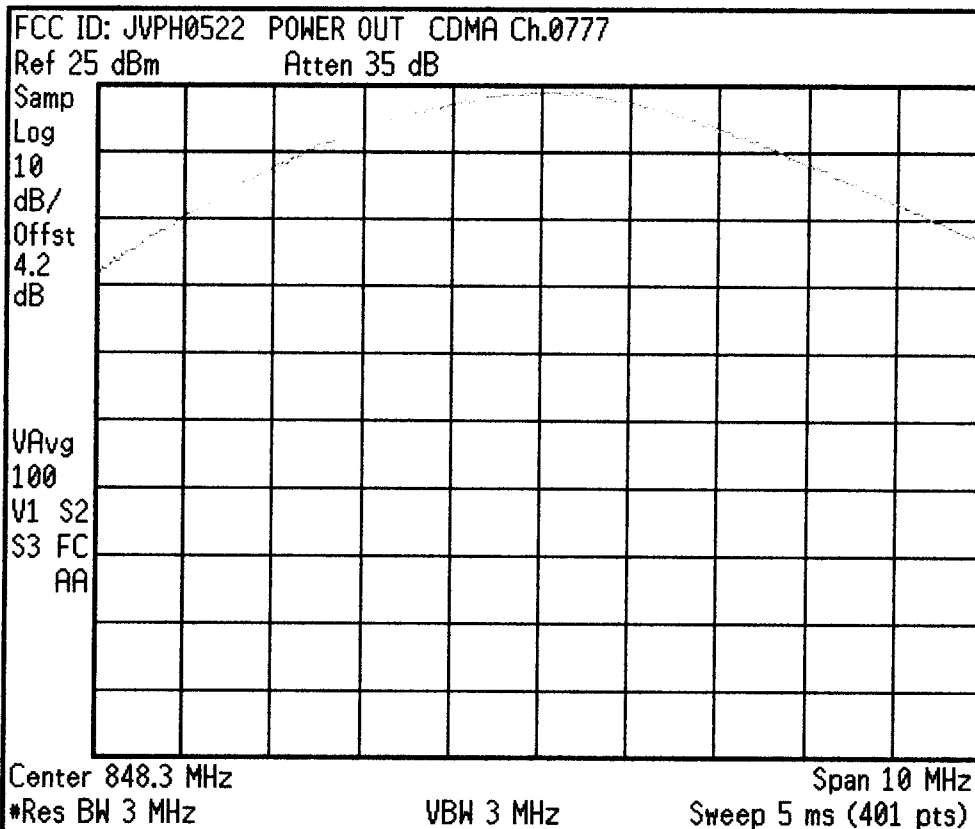
Stop Freq
 826.500000 MHz

CF Step
 500.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:20:26 Jul 20, 2001



Freq/Channel

Center Freq
 848.300000 MHz

Start Freq
 843.300000 MHz

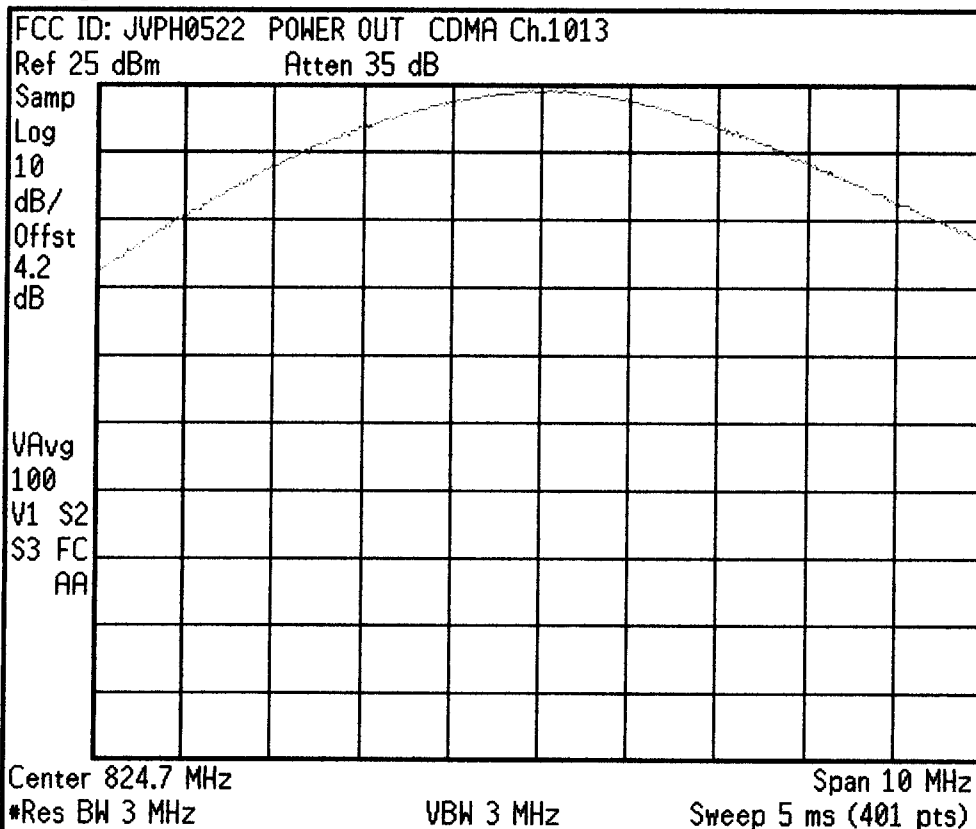
Stop Freq
 853.300000 MHz

CF Step
 1.00000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:22:51 Jul 20, 2001



Freq/Channel

Center Freq
 824.700000 MHz

Start Freq
 819.700000 MHz

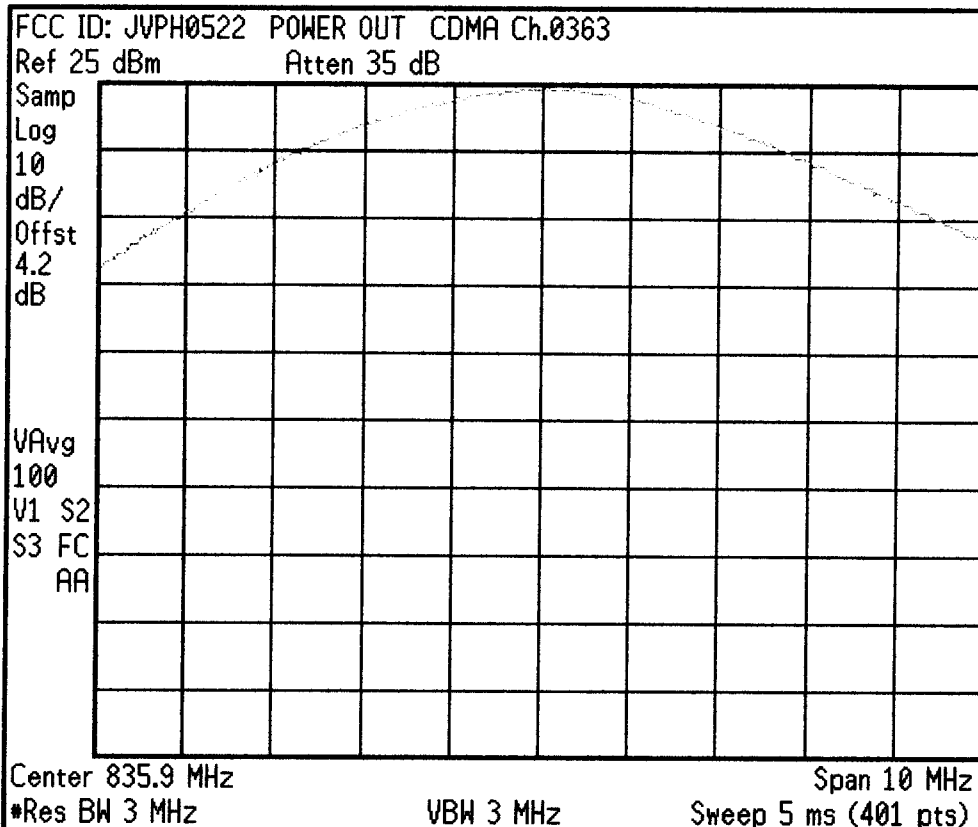
Stop Freq
 829.700000 MHz

CF Step
 1.00000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:23:58 Jul 20, 2001



Freq/Channel

Center Freq
 835.900000 MHz

Start Freq
 830.900000 MHz

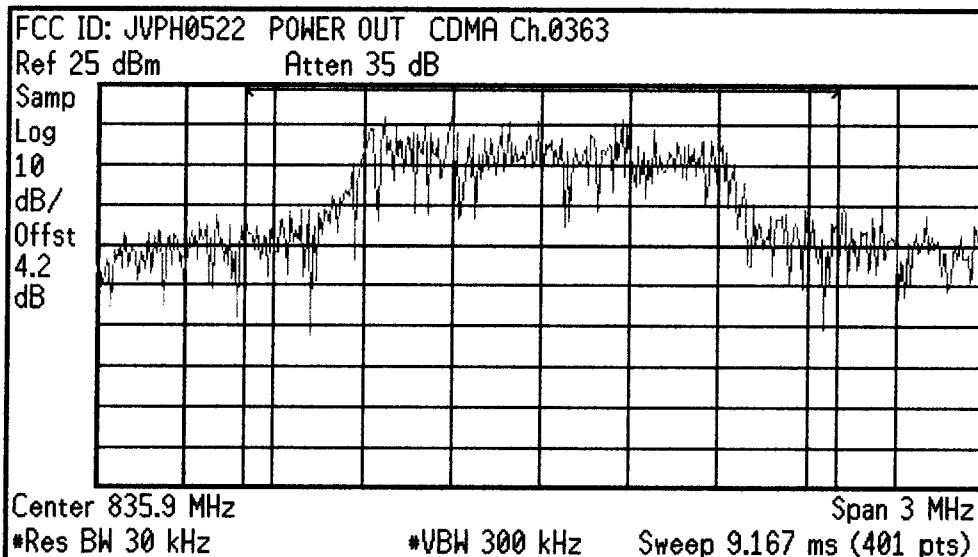
Stop Freq
 840.900000 MHz

CF Step
 1.00000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:25:12 Jul 20, 2001



Freq/Channel

Center Freq
 835.900000 MHz

Start Freq
 834.400000 MHz

Stop Freq
 837.400000 MHz

CF Step
 300.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

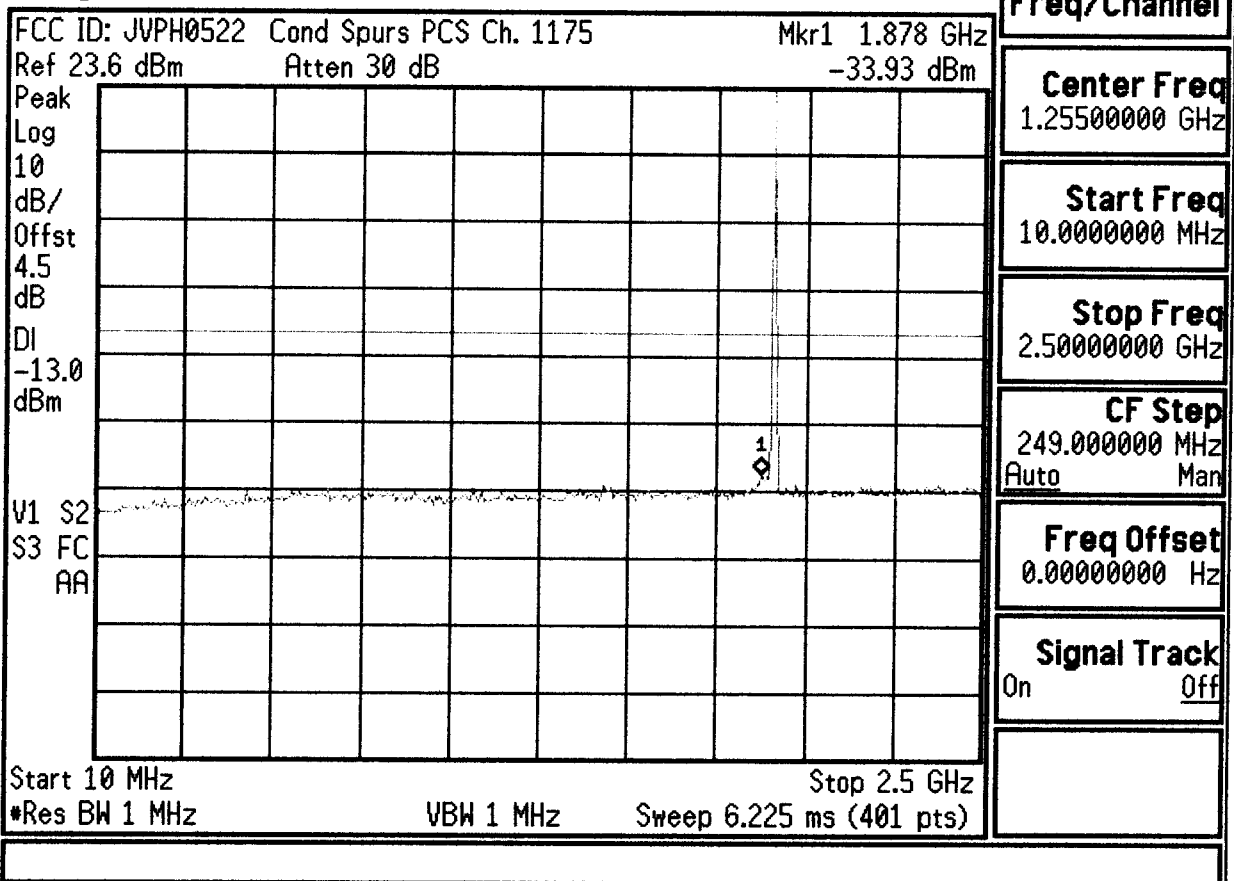
Channel Power Results (idle)

Channel Power
 25.05 dBm

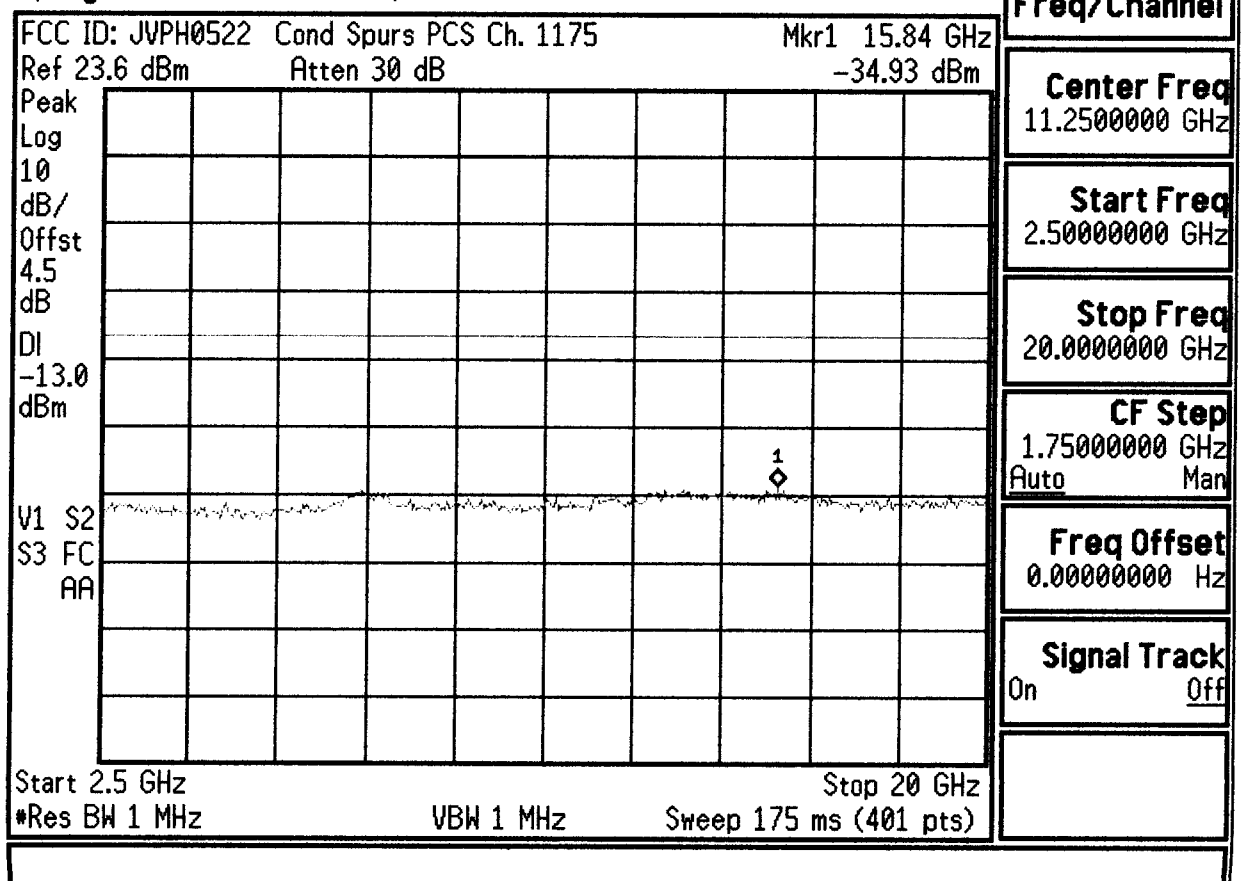
Integration BW 2.000 MHz

Density -37.96 dBm/Hz

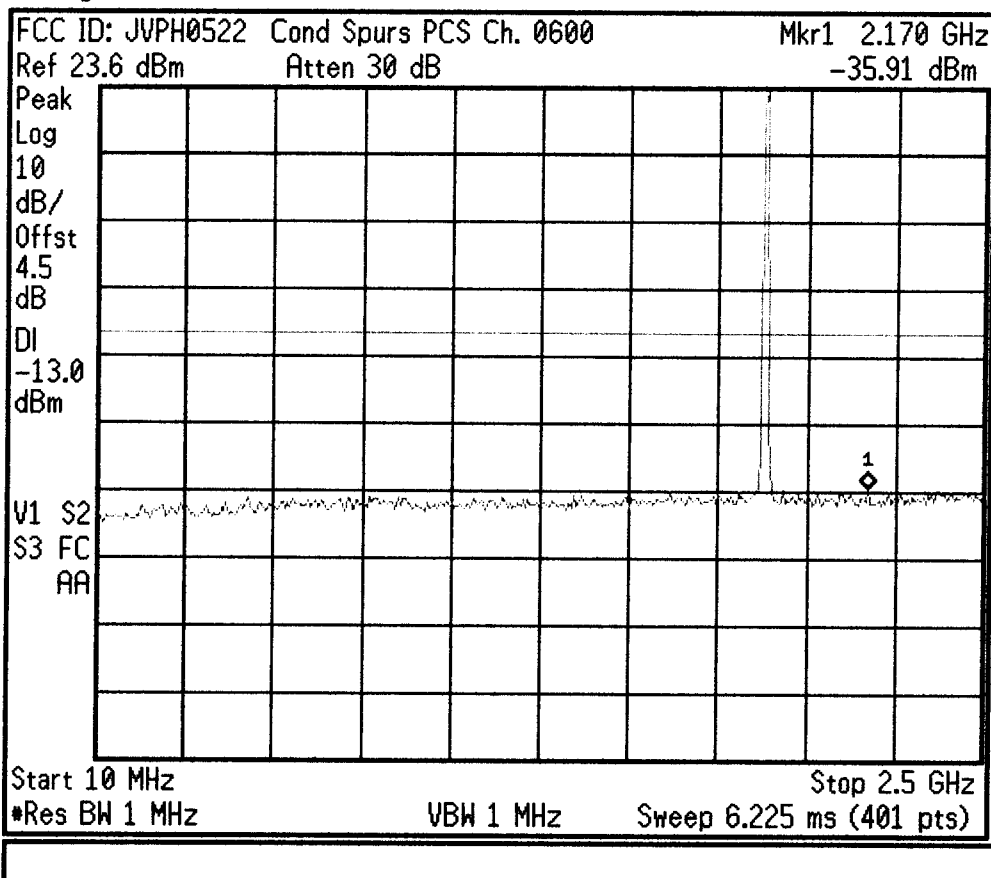
* Agilent 06:12:46 Jul 20, 2001



* Agilent 06:13:46 Jul 20, 2001



* Agilent 06:09:57 Jul 20, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

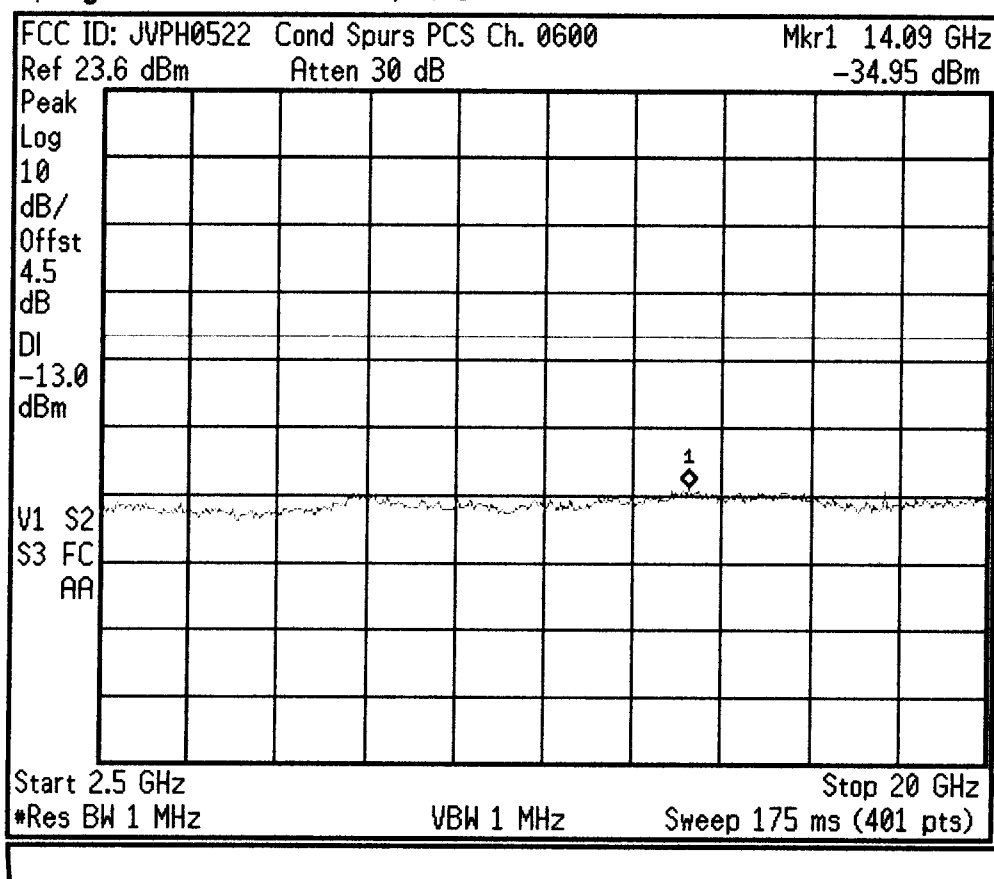
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:10:51 Jul 20, 2001



Freq/Channel

Center Freq
 11.2500000 GHz

Start Freq
 2.50000000 GHz

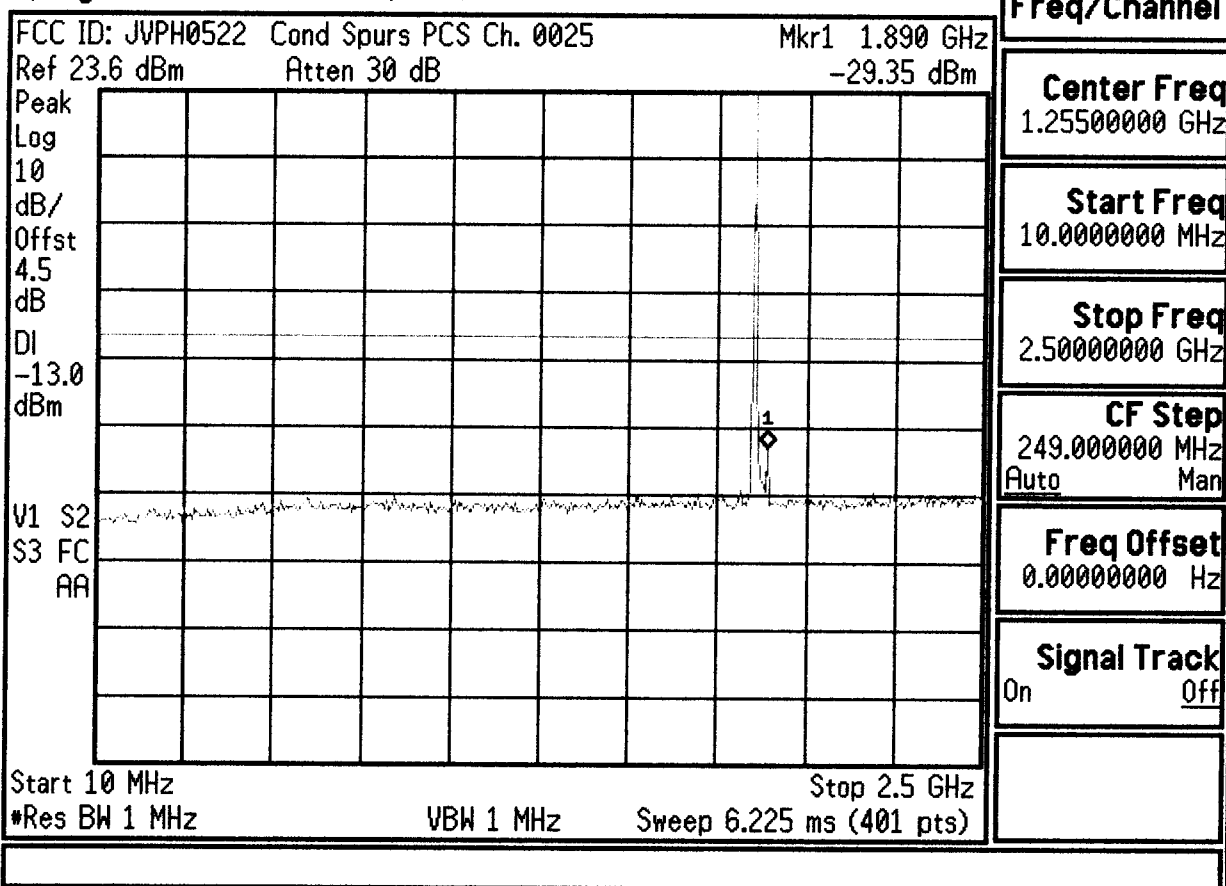
Stop Freq
 20.0000000 GHz

CF Step
 1.75000000 GHz
 Auto Man

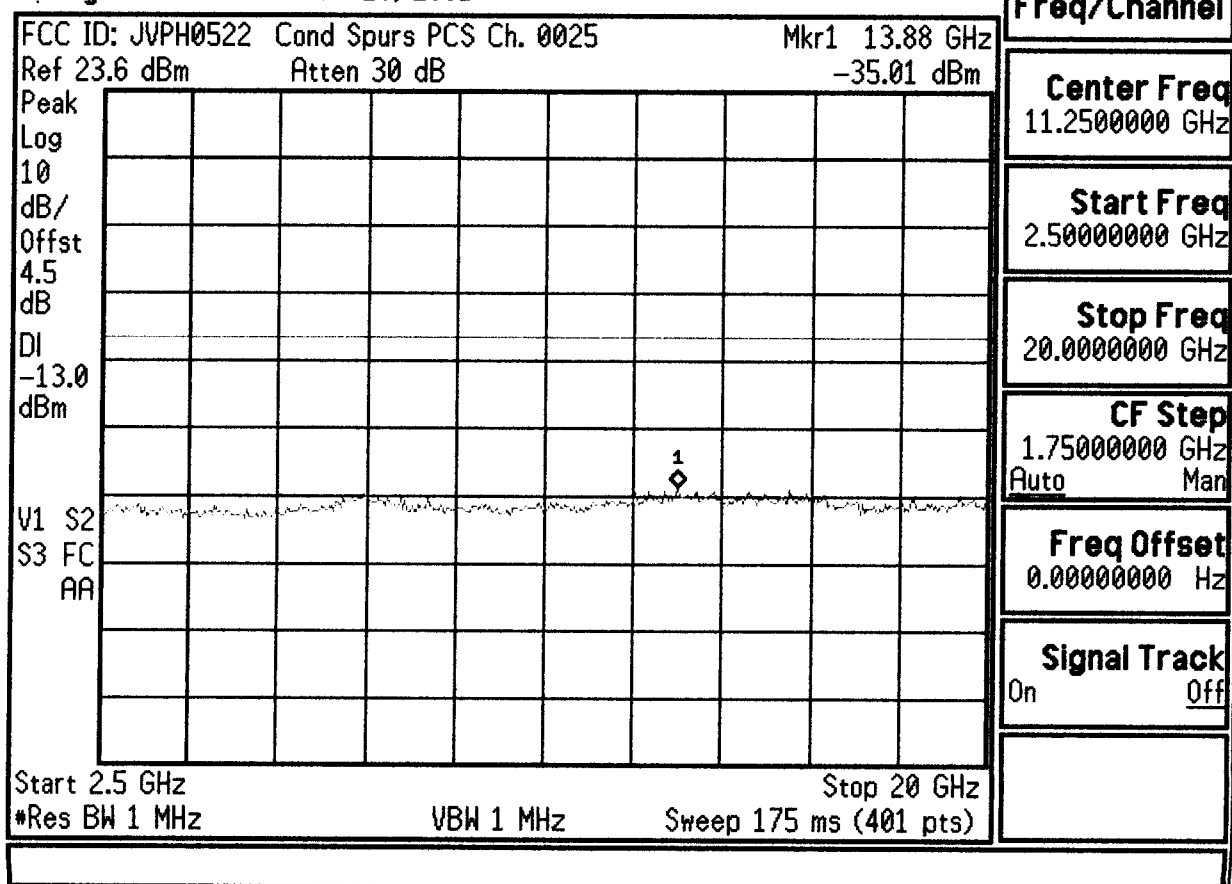
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

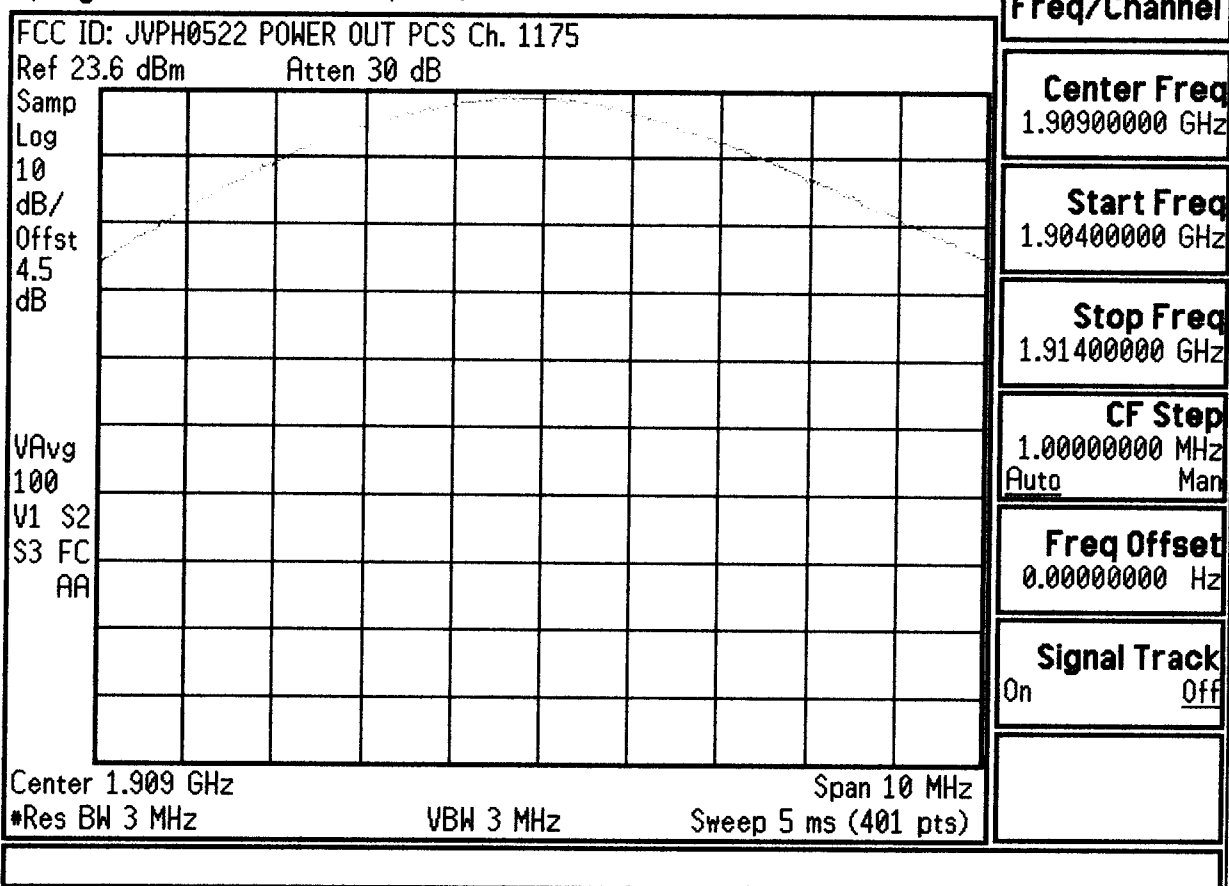
Agilent 06:07:09 Jul 20, 2001



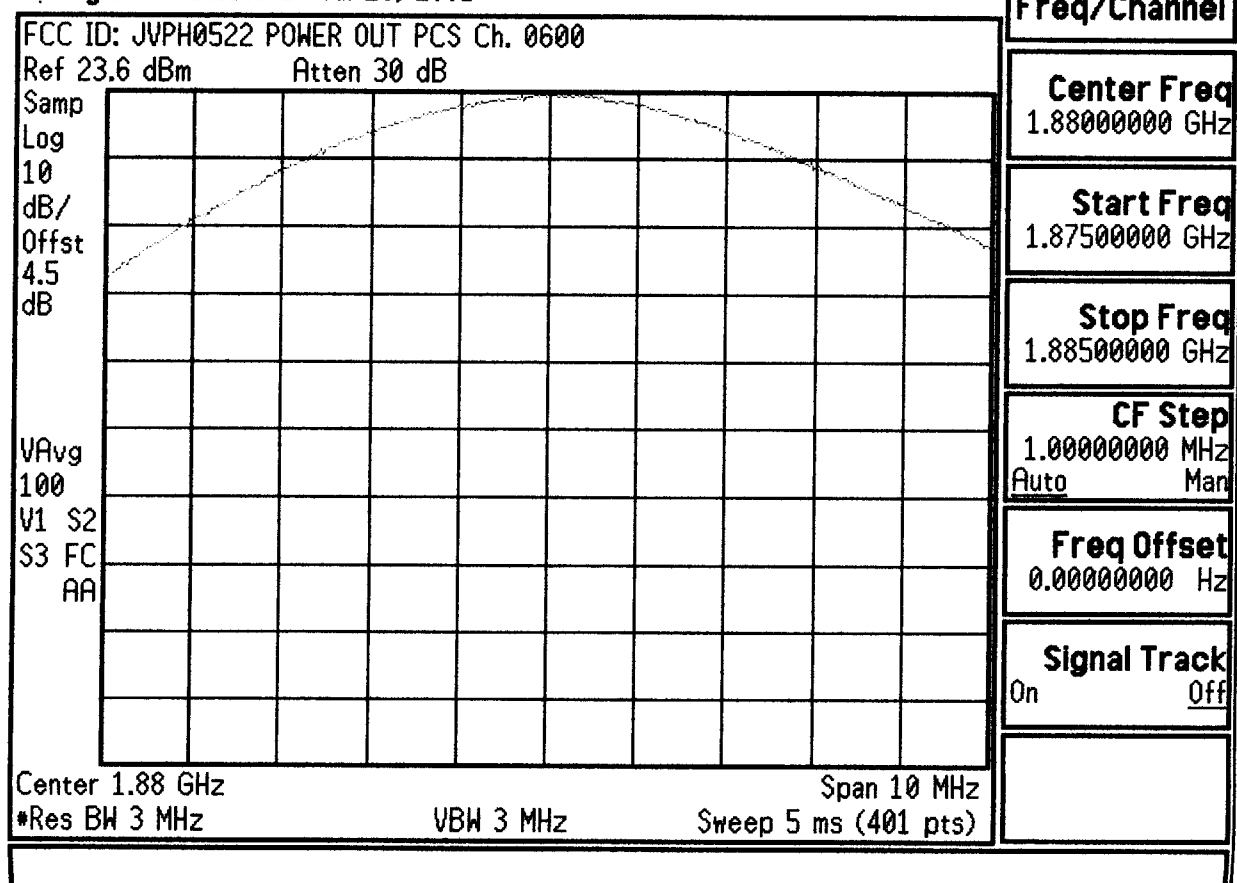
Agilent 06:08:00 Jul 20, 2001



* Agilent 06:57:29 Jul 20, 2001



* Agilent 06:59:45 Jul 20, 2001



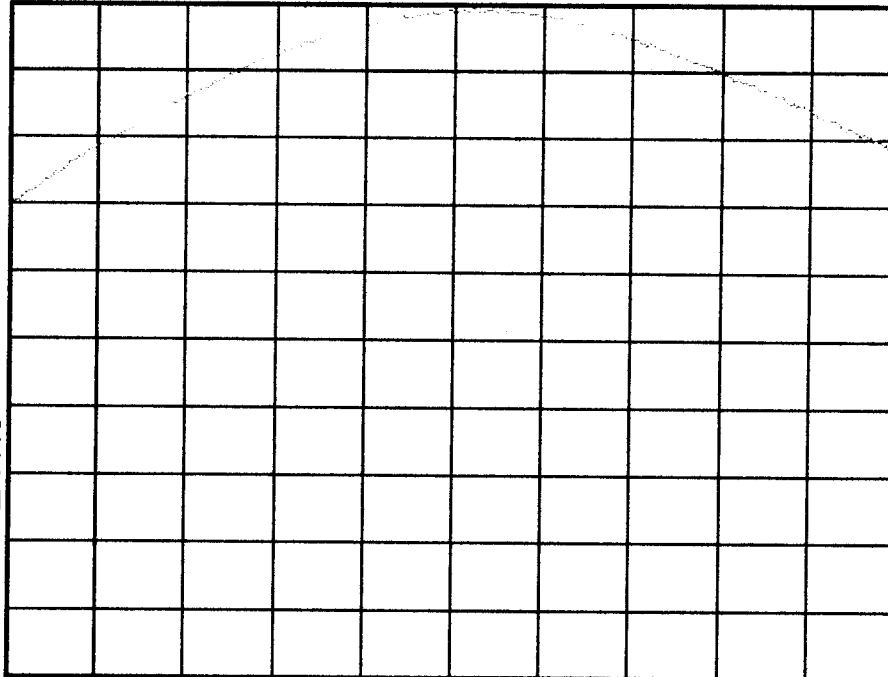
* Agilent 07:01:49 Jul 20, 2001

FCC ID: JVPH0522 POWER OUT PCS Ch. 0025

Ref 23.6 dBm Atten 30 dB

Samp
Log
10
dB/
Offst
4.5
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

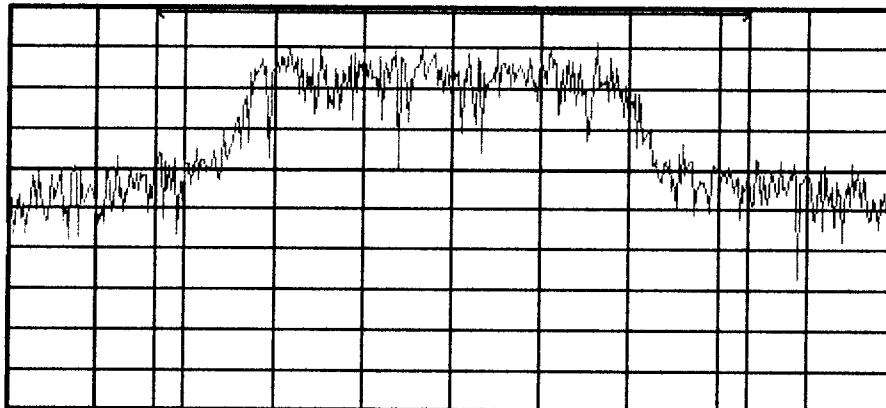
Signal Track
On Off

* Agilent 07:04:21 Jul 20, 2001

FCC ID: JVPH0522 POWER OUT PCS Ch. 0025

Ref 23.6 dBm Atten 30 dB

Samp
Log
10
dB/
Offst
4.5
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
1.85100000 GHz

Start Freq
1.84950000 GHz

Stop Freq
1.85250000 GHz

CF Step
300.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Channel Power Results (idle)

Channel Power
23.64 dBm

Integration BW 2.000 MHz

Density -39.37 dBm/Hz

FCC ID: JVPH0522 POWER OUT PCS Ch. 0600

Ref 23.6 dBm Atten 30 dB

Samp

Log

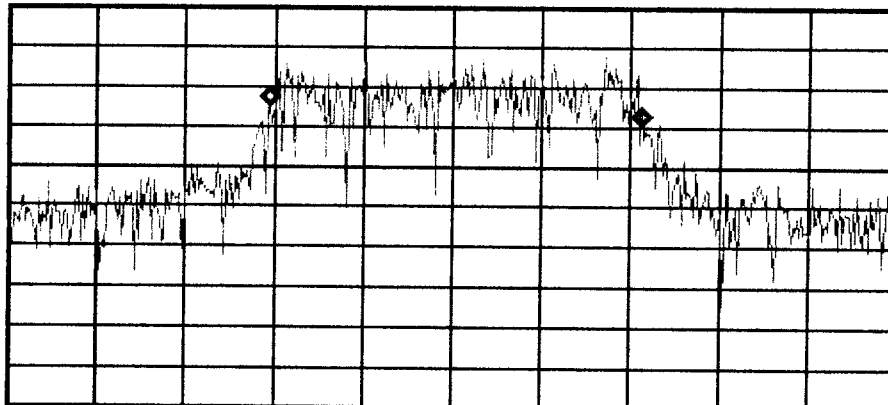
10

dB/

Offst

4.5

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 %

1.253 MHz

Transmit Freq Error 7.549 kHz

Freq/Channel

Center Freq

1.88000000 GHz

Start Freq

1.87850000 GHz

Stop Freq

1.88150000 GHz

CF Step

300.000000 kHz

Auto

Man

Freq Offset

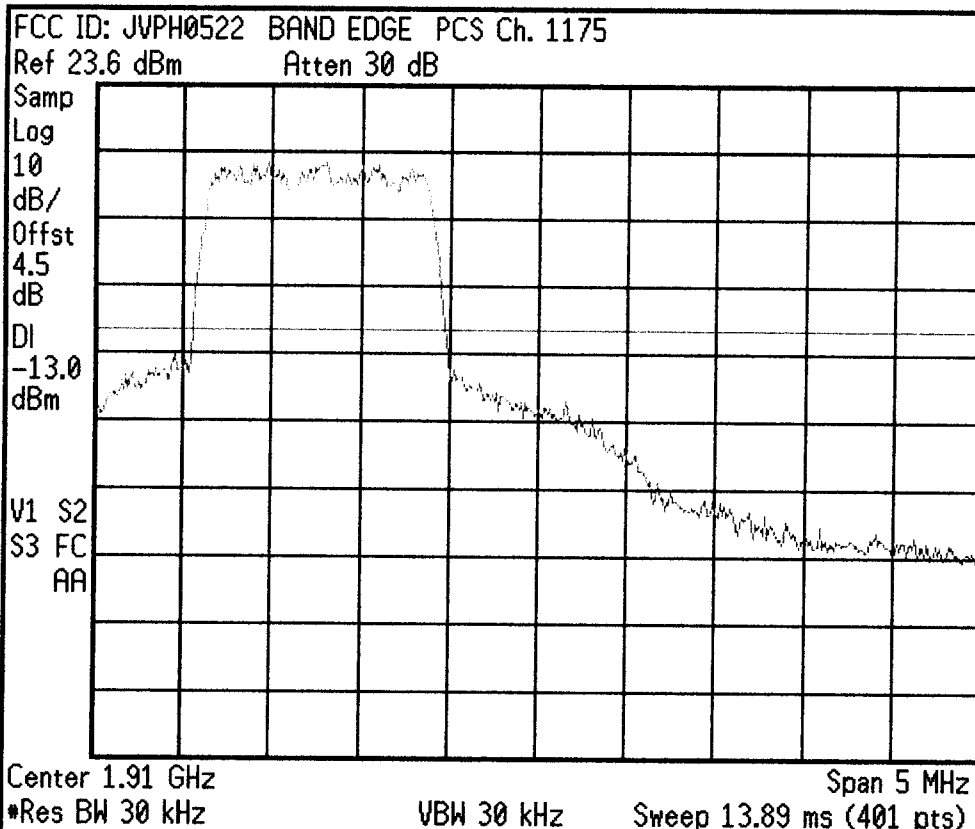
0.00000000 Hz

Signal Track

On

Off

* Agilent 06:36:39 Jul 20, 2001



Freq/Channel

Center Freq
 1.91000000 GHz

Start Freq
 1.90750000 GHz

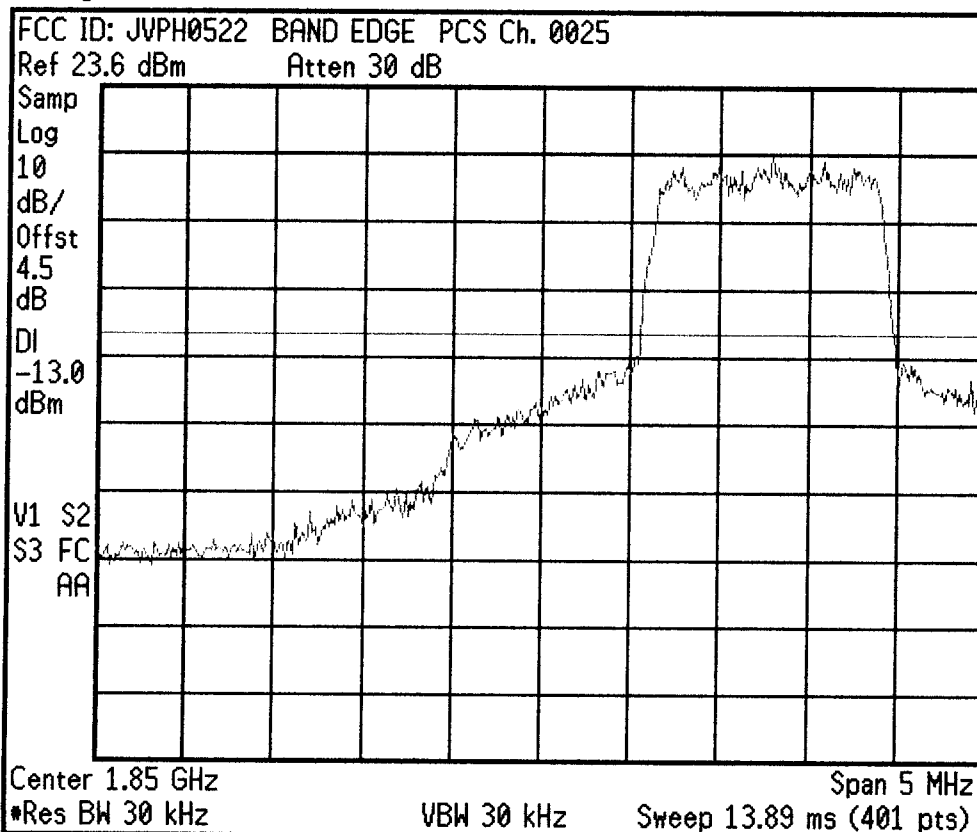
Stop Freq
 1.91250000 GHz

CF Step
 500.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:37:53 Jul 20, 2001



Freq/Channel

Center Freq
 1.85000000 GHz

Start Freq
 1.84750000 GHz

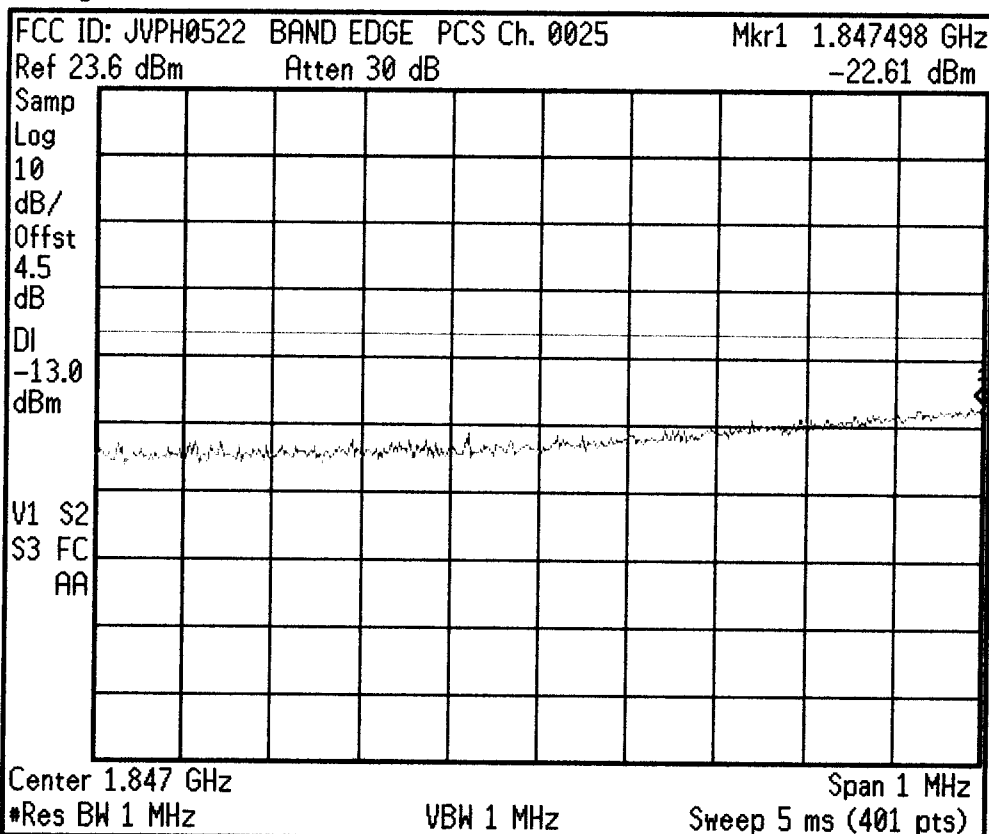
Stop Freq
 1.85250000 GHz

CF Step
 500.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:40:59 Jul 20, 2001



Freq/Channel

Center Freq
 1.84700000 GHz

Start Freq
 1.84650000 GHz

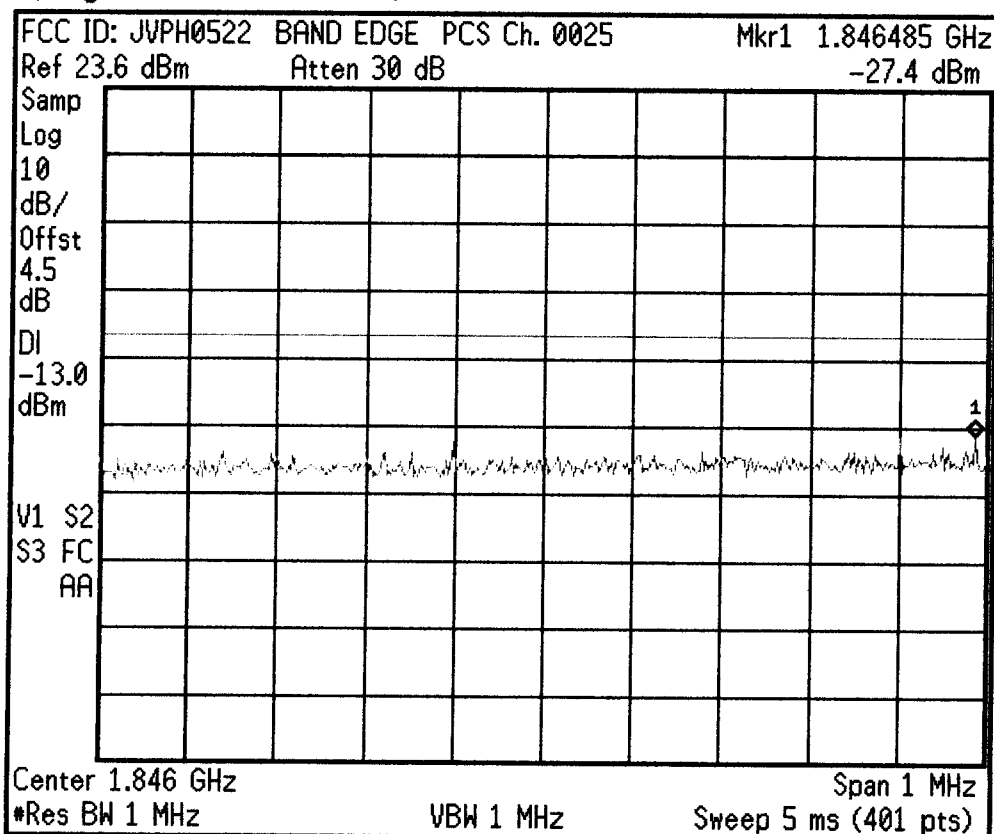
Stop Freq
 1.84750000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:41:47 Jul 20, 2001



Freq/Channel

Center Freq
 1.84600000 GHz

Start Freq
 1.84550000 GHz

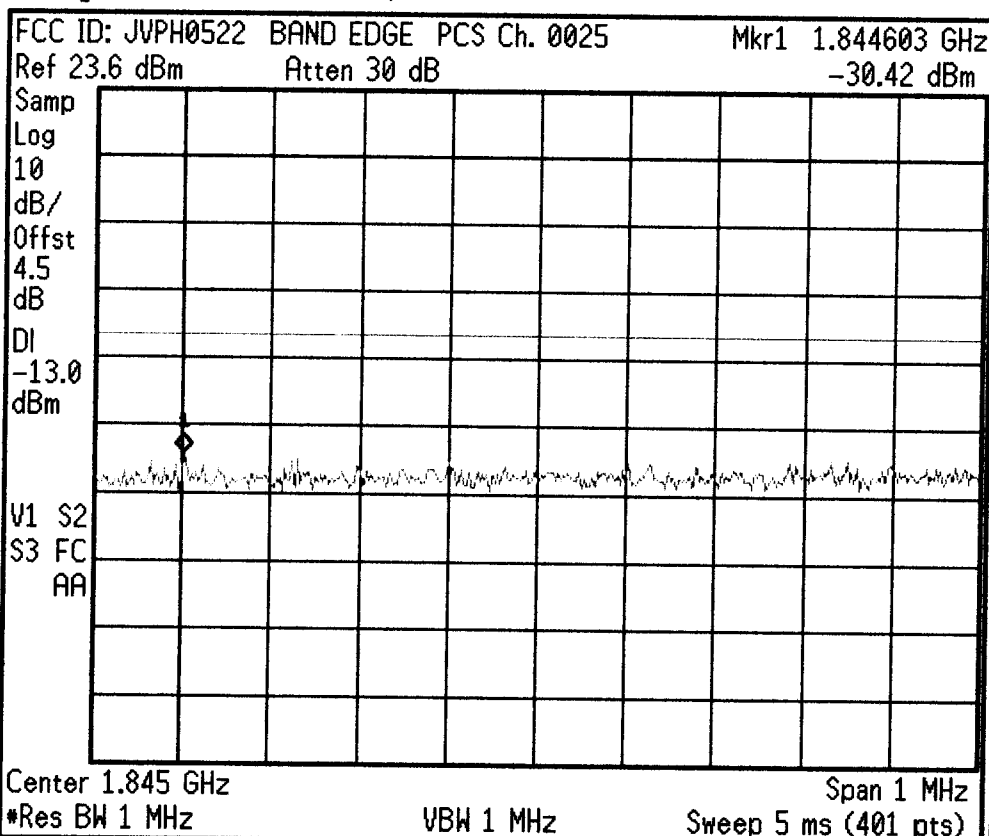
Stop Freq
 1.84650000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:43:06 Jul 20, 2001



Freq/Channel

Center Freq
1.84500000 GHz

Start Freq
1.84450000 GHz

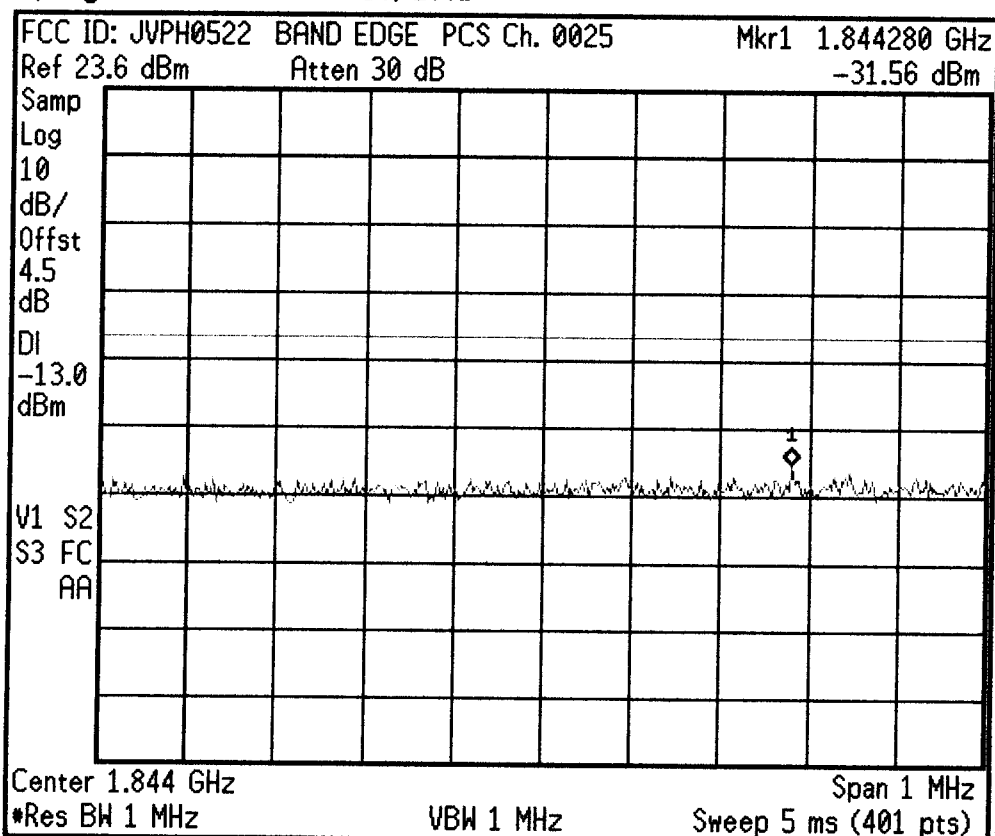
Stop Freq
1.84550000 GHz

CF Step
100.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 06:43:48 Jul 20, 2001



Freq/Channel

Center Freq
1.84400000 GHz

Start Freq
1.84350000 GHz

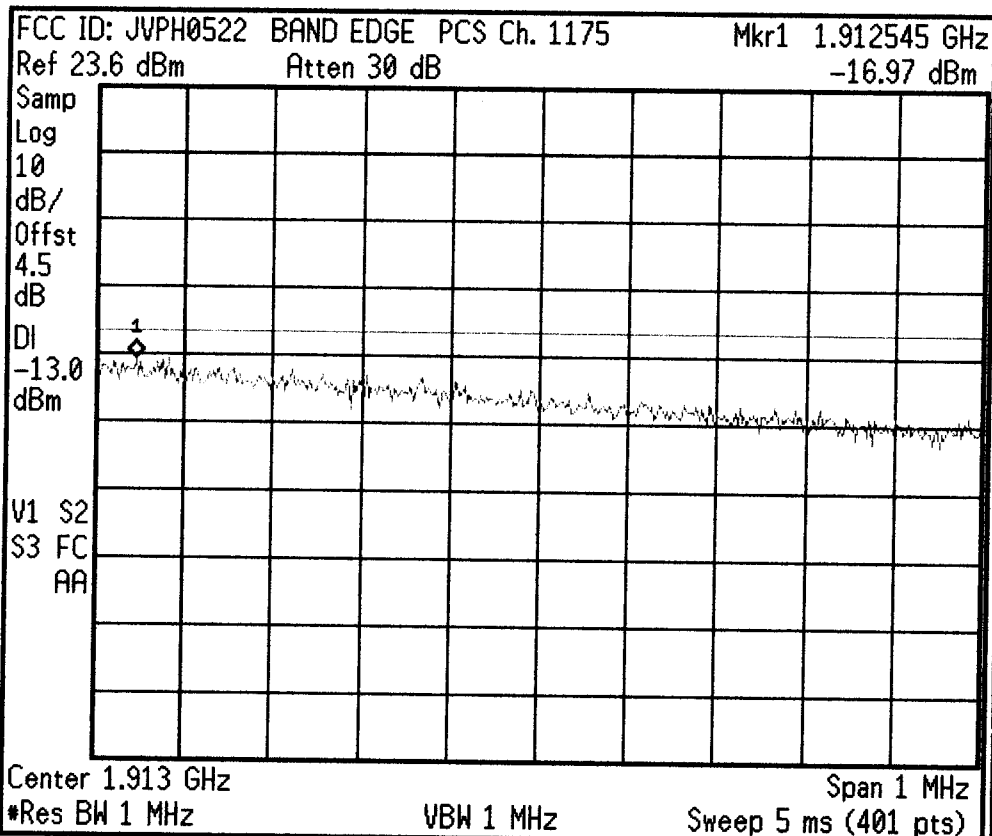
Stop Freq
1.84450000 GHz

CF Step
100.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 06:45:40 Jul 20, 2001



Freq/Channel

Center Freq
1.91300000 GHz

Start Freq
1.91250000 GHz

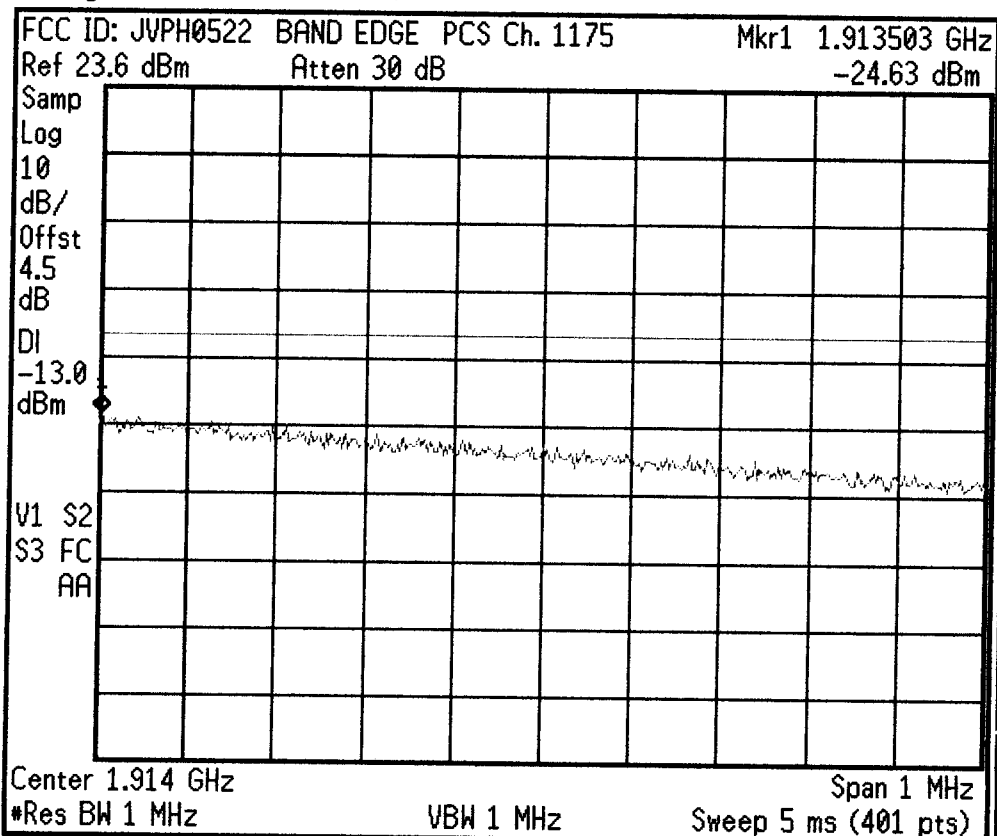
Stop Freq
1.91350000 GHz

CF Step
100.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 06:46:29 Jul 20, 2001



Freq/Channel

Center Freq
1.91400000 GHz

Start Freq
1.91350000 GHz

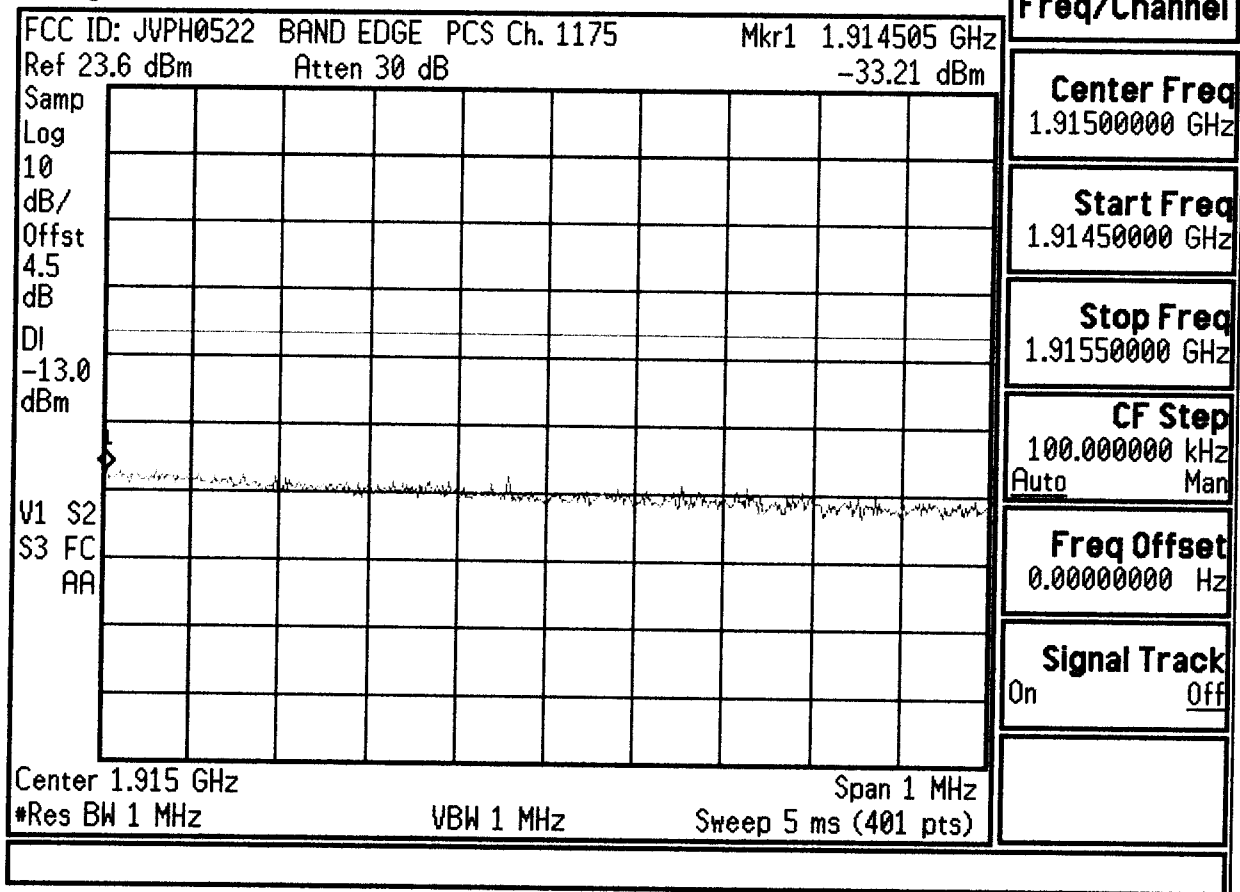
Stop Freq
1.91450000 GHz

CF Step
100.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 06:47:21 Jul 20, 2001



* Agilent 06:48:39 Jul 20, 2001

