

## ATTACHMENT D – TEST PLOTS

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# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:JVPH0522

ACER Comm. & Multimedia

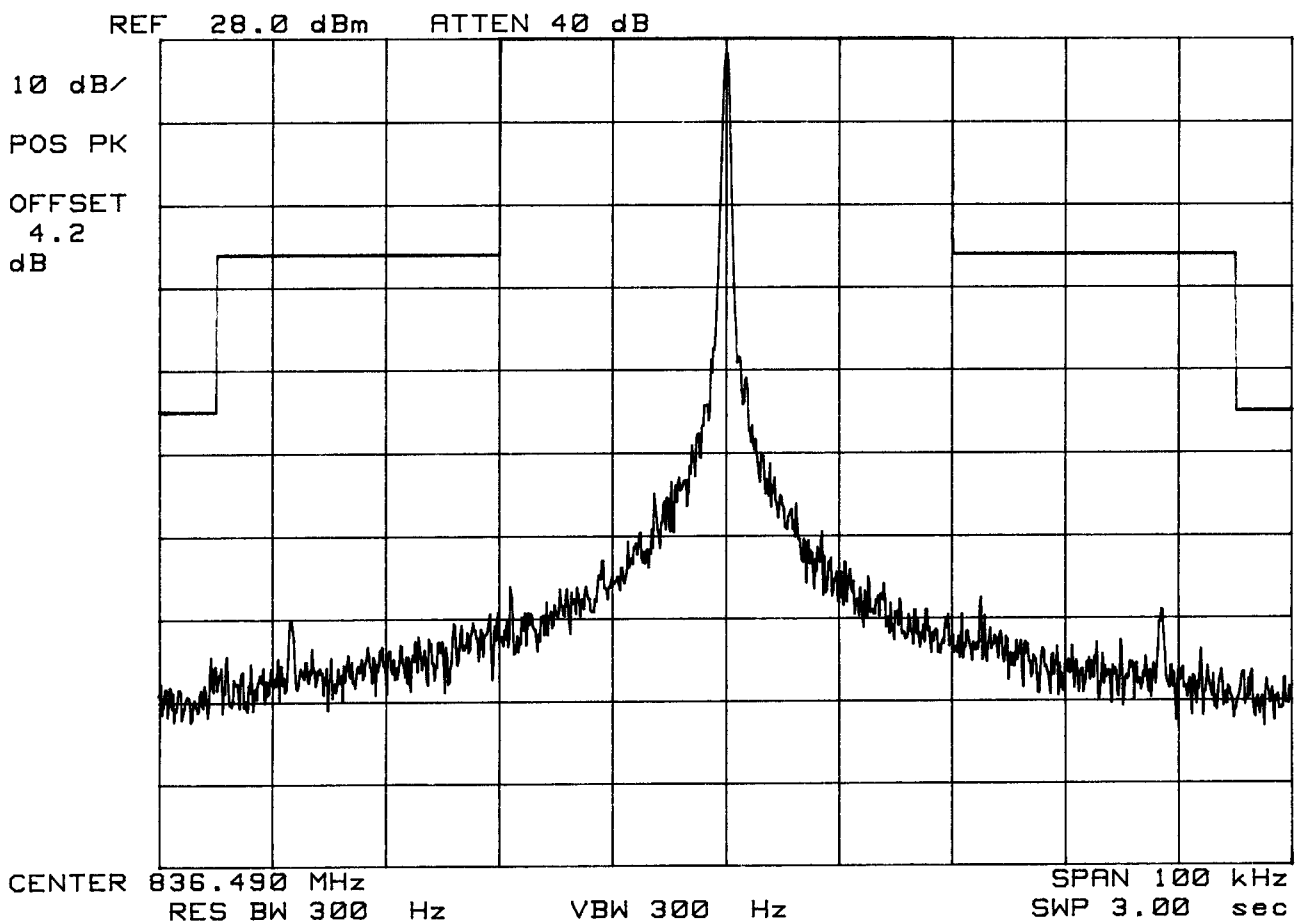
Tri-Mode Phone

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

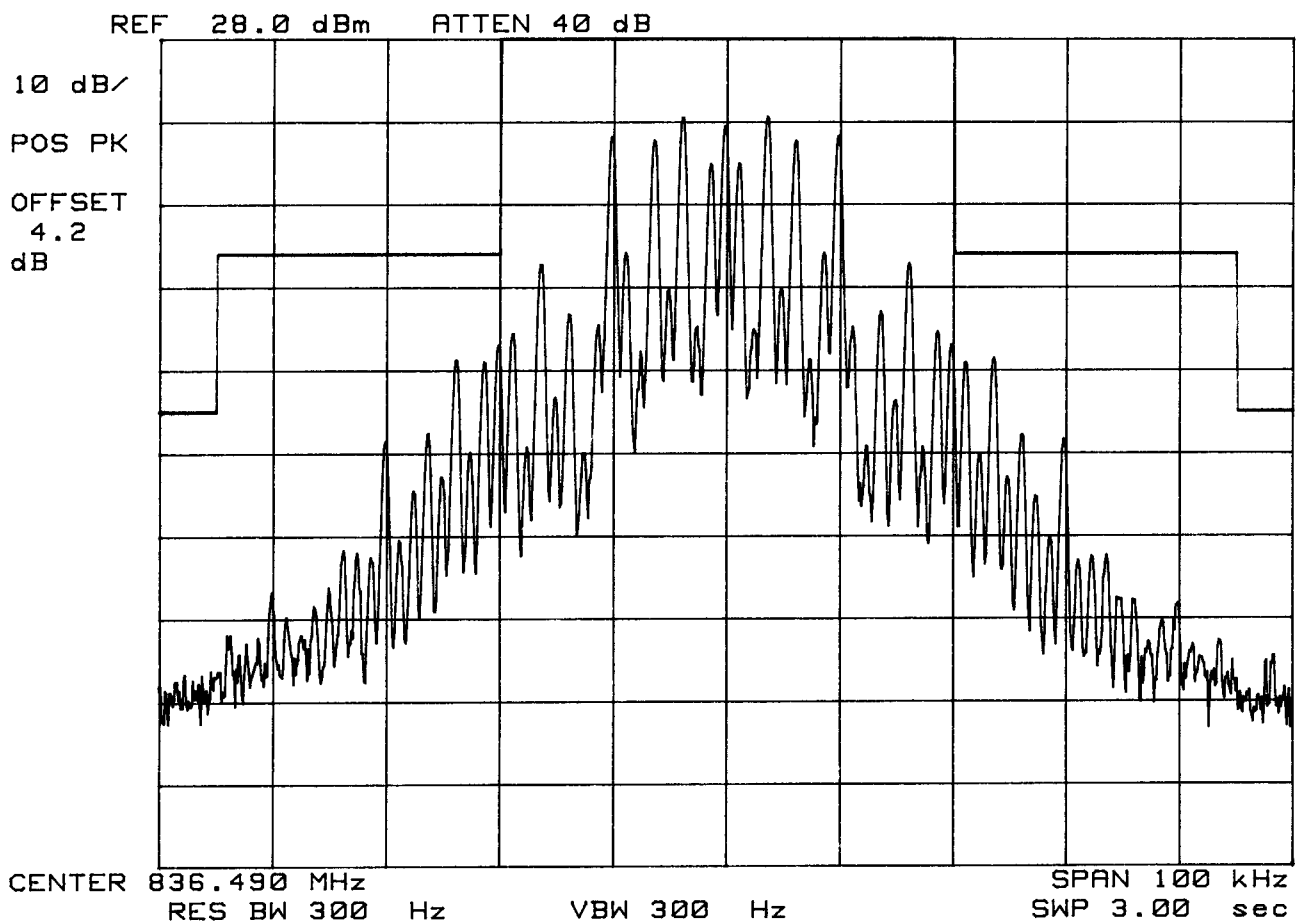
Tri-Mode Phone

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

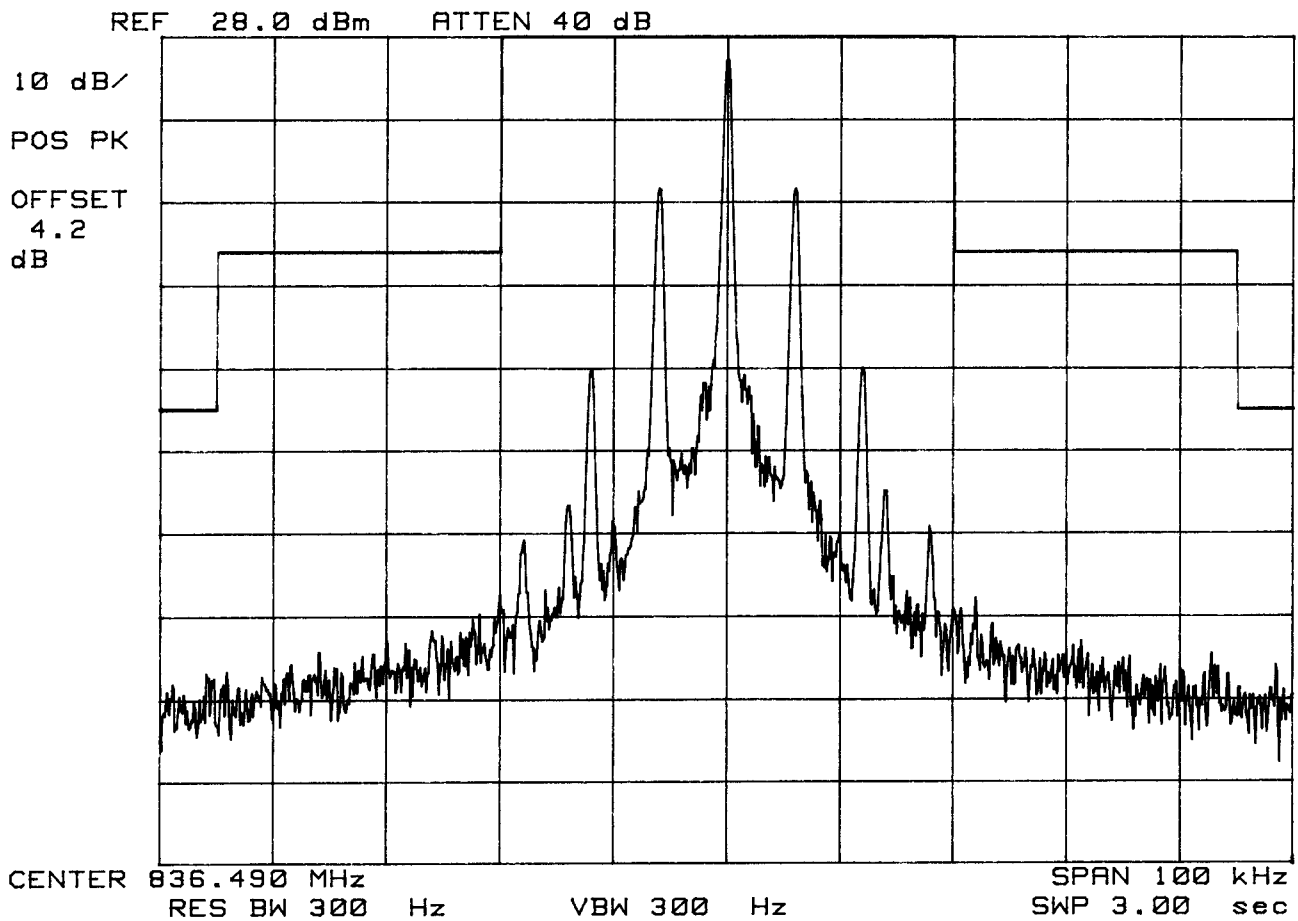
Tri-Mode Phone

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

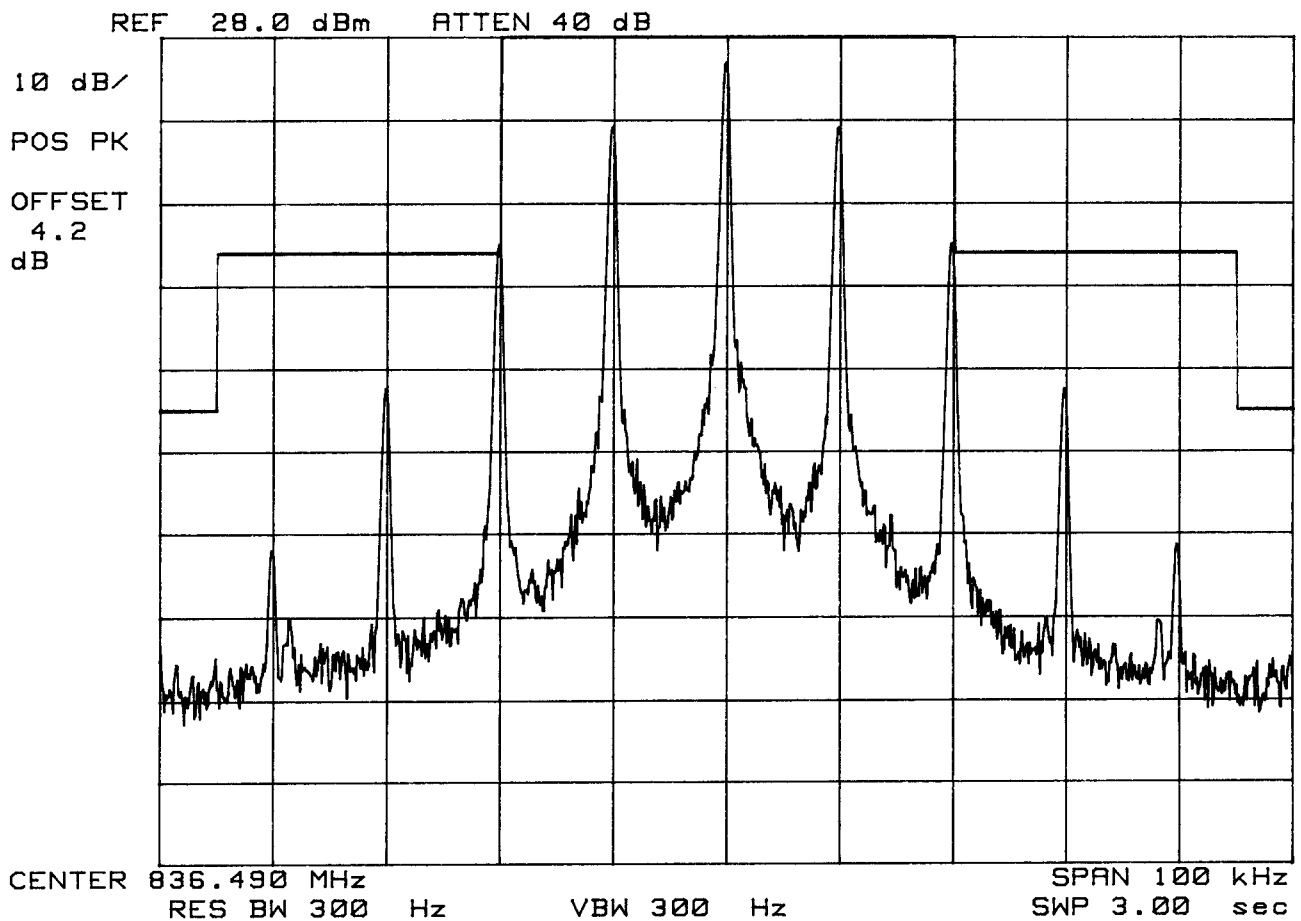
Tri-Mode Phone

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

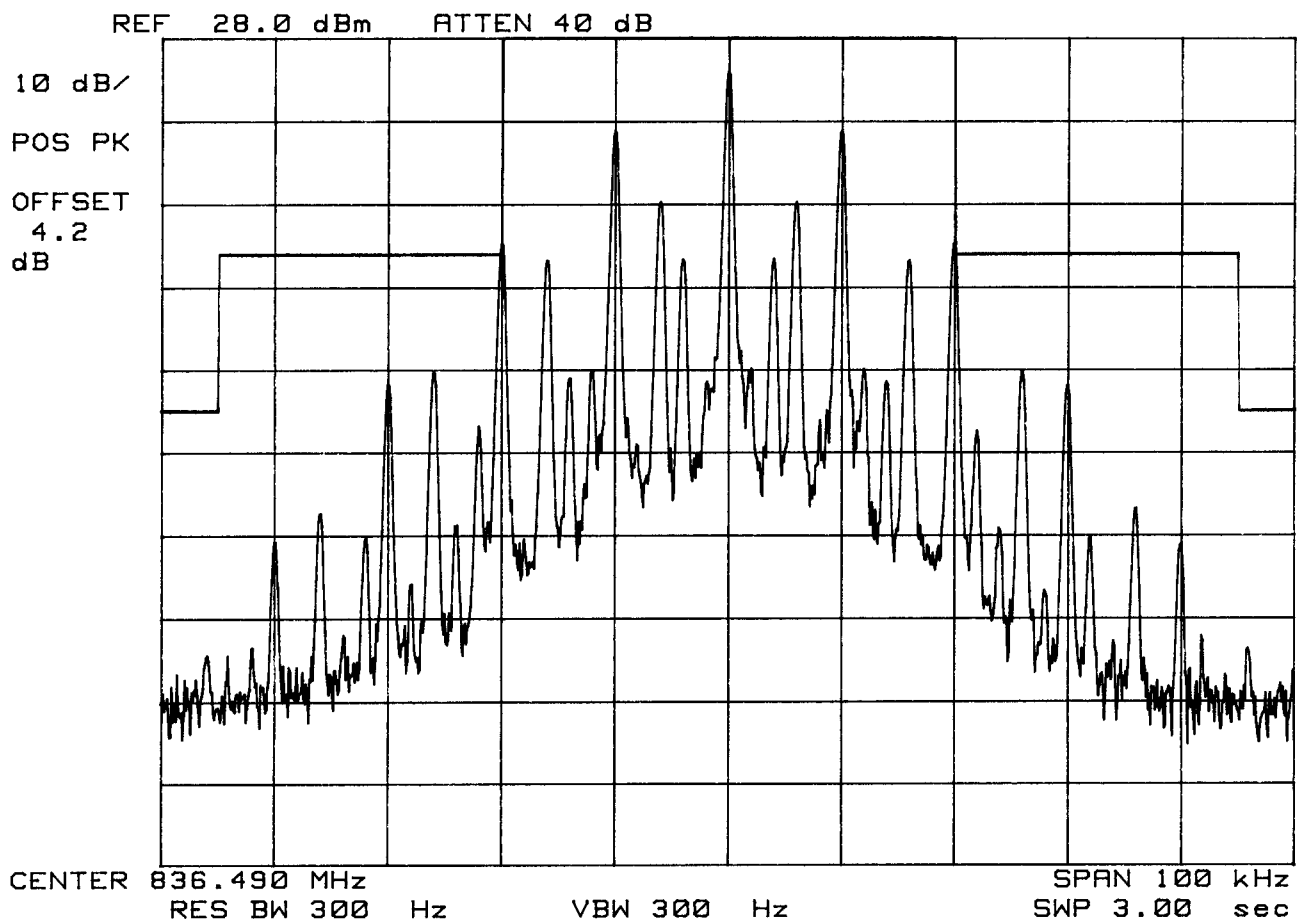
Tri-Mode Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:SAT + ST

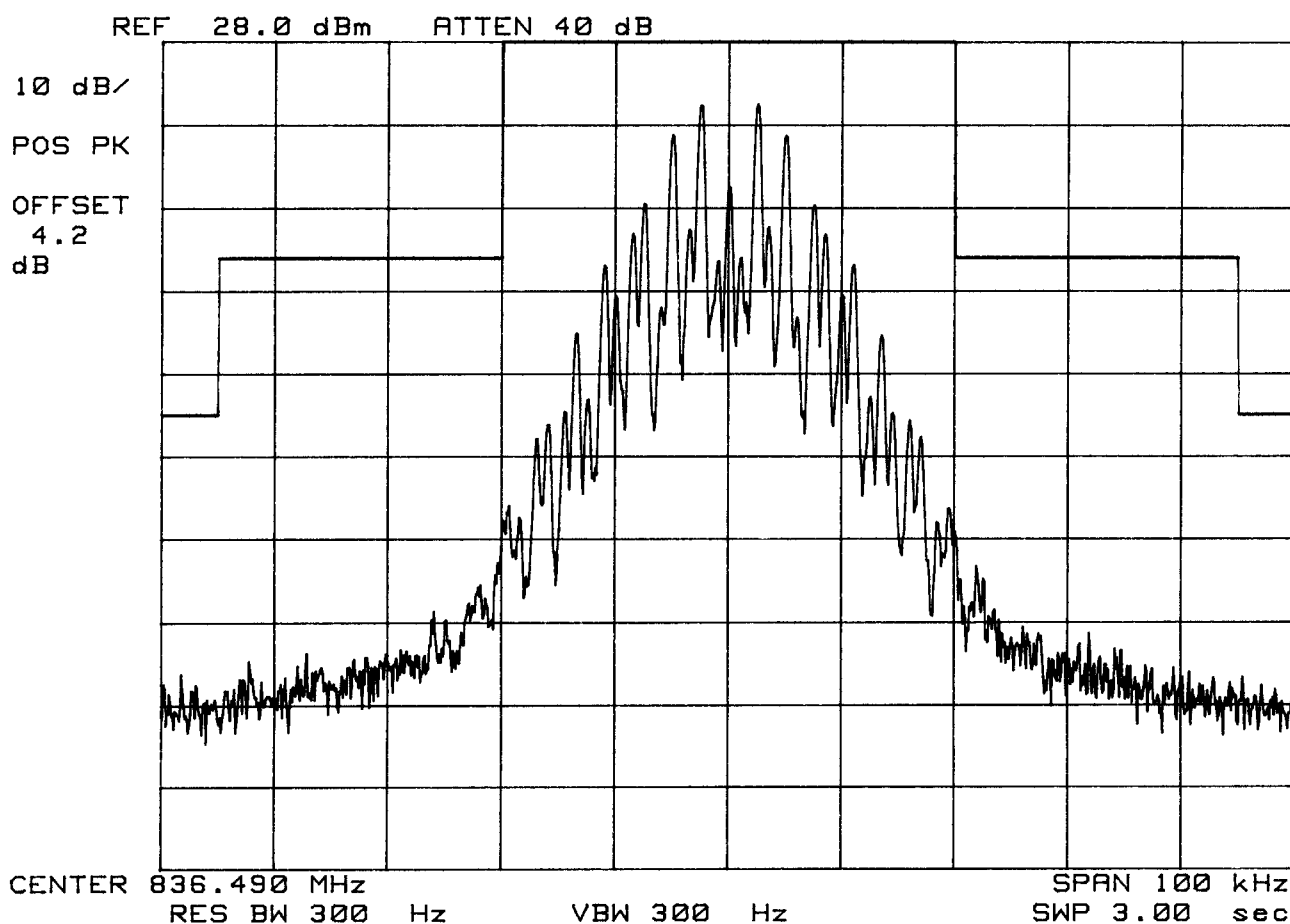


# PCTEST Engineering Lab.

## 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

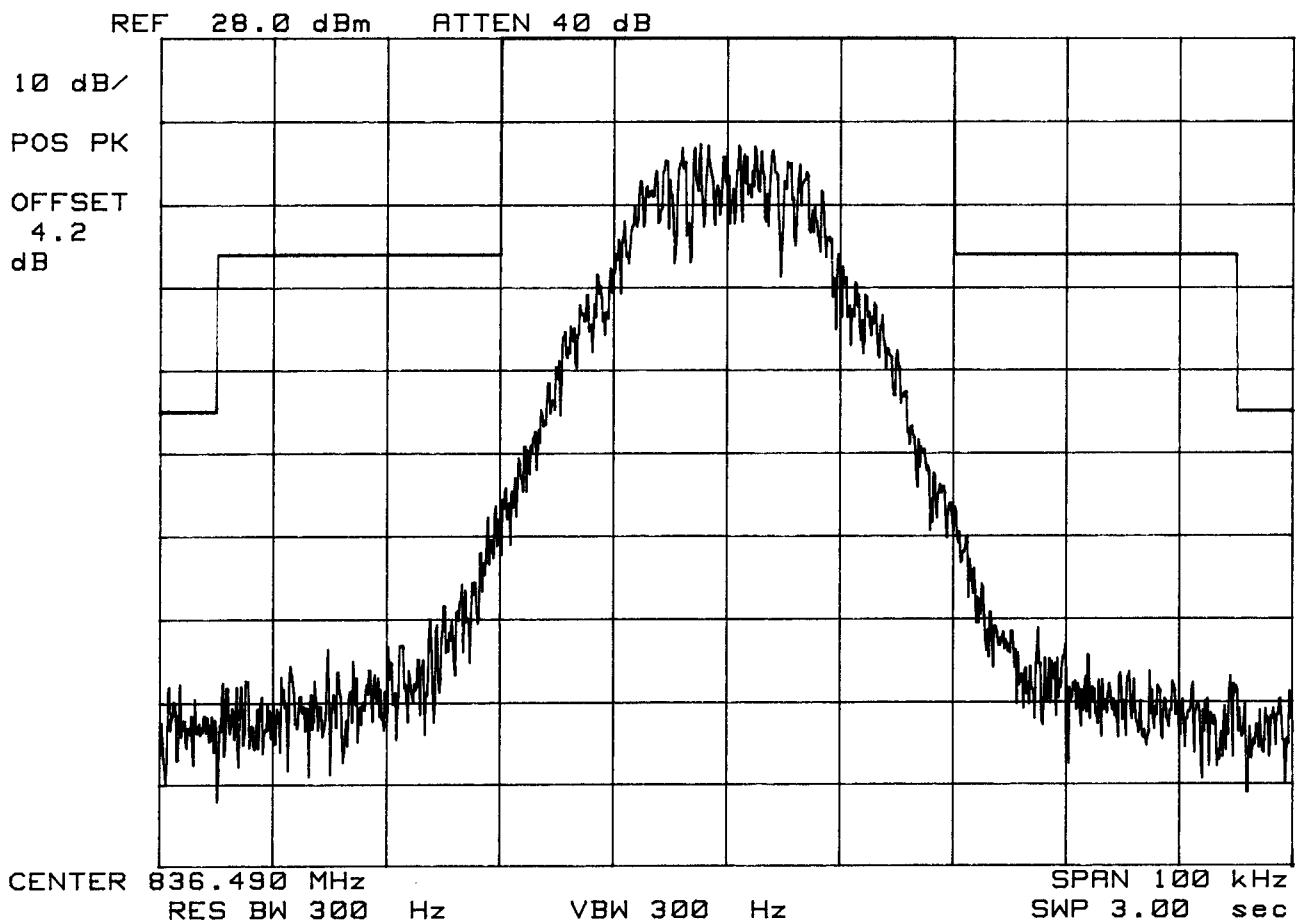
Tri-Mode Phone

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

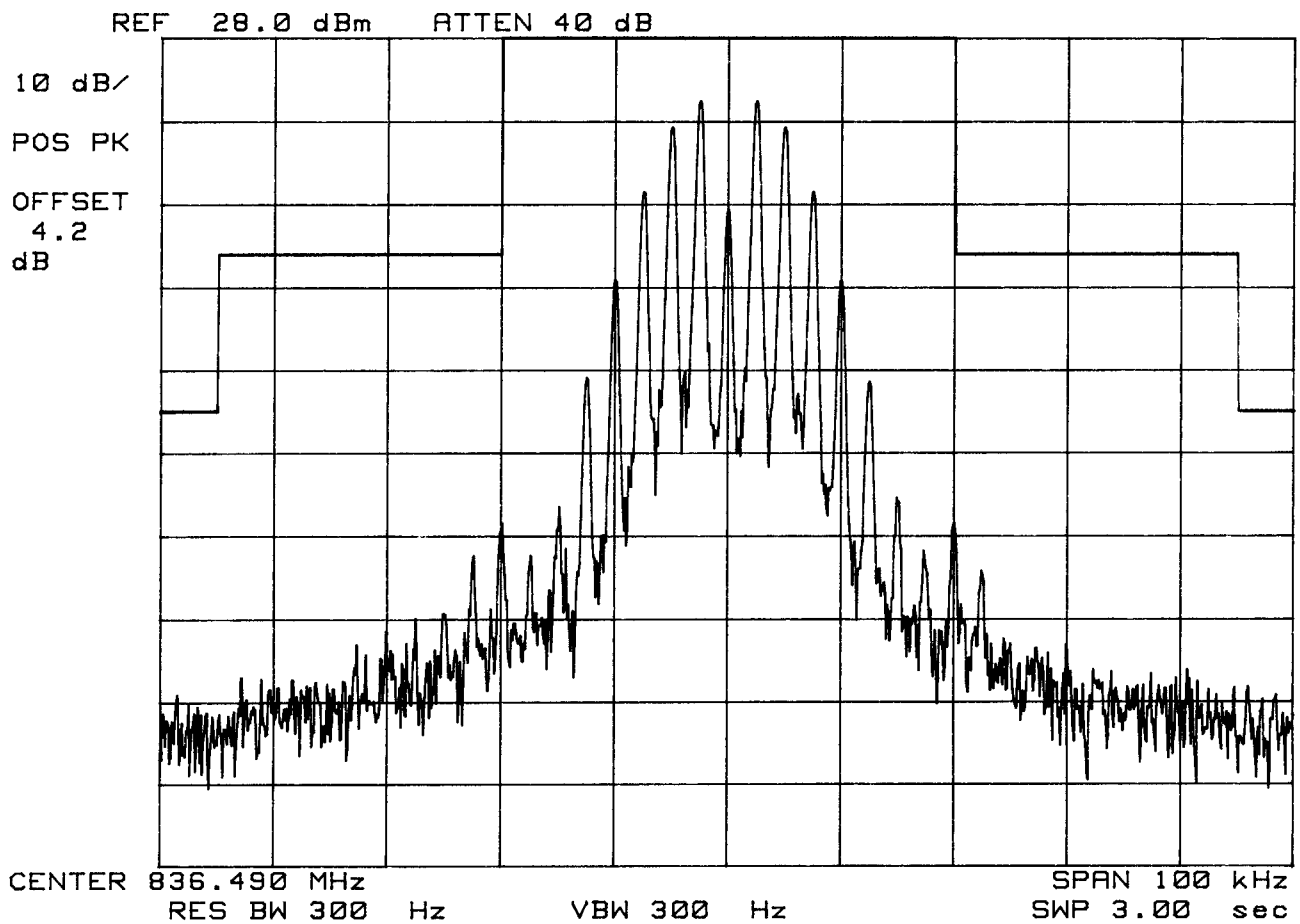
Tri-Mode Phone

FM Channel 0383

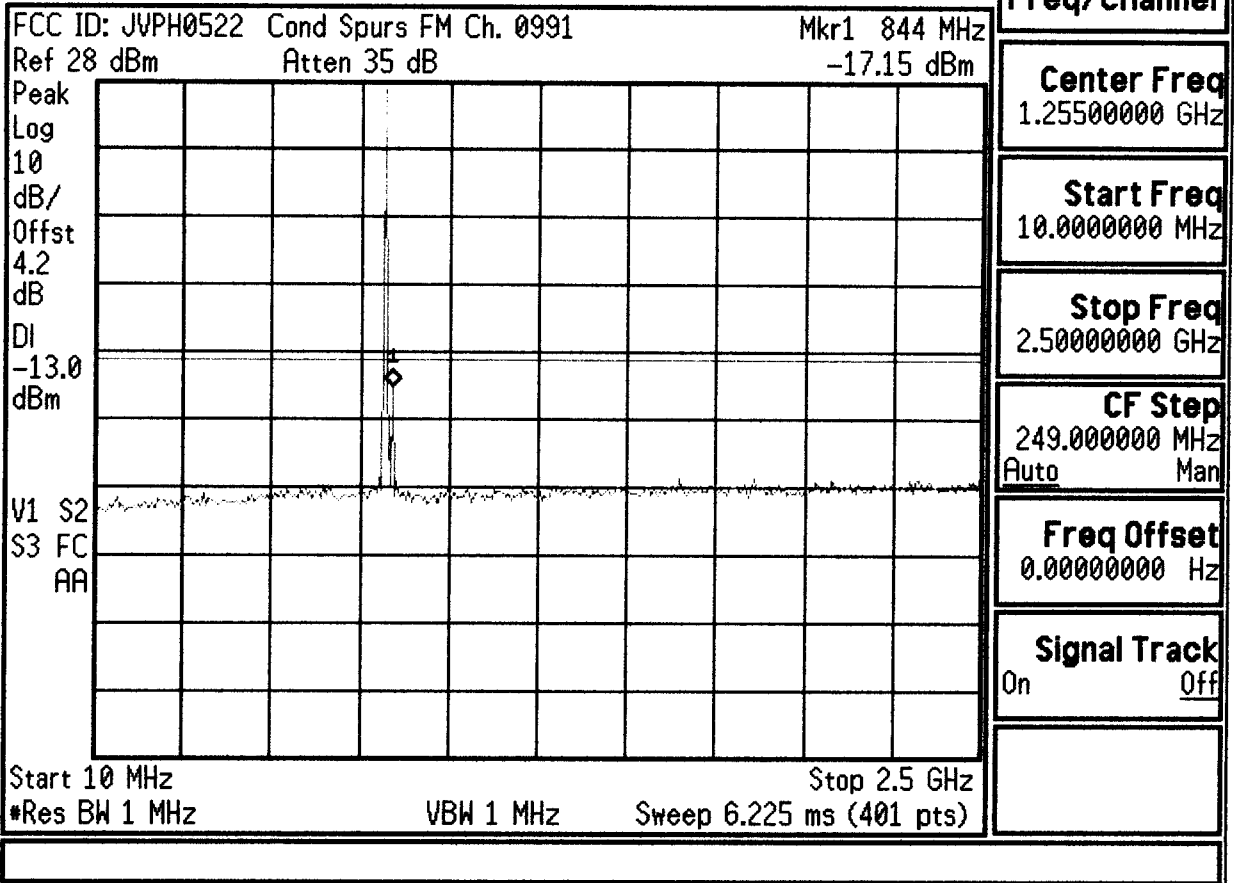
Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

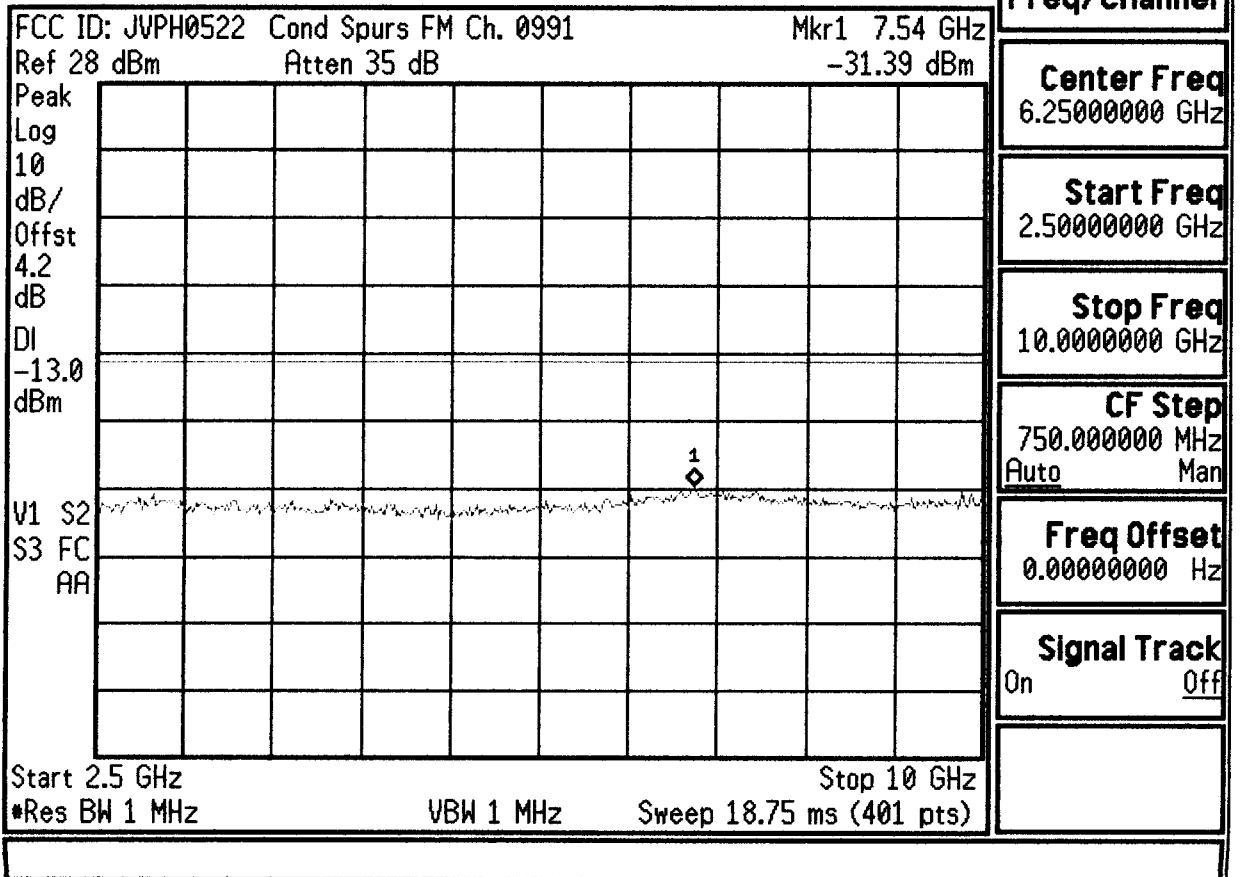
Test Mode:Voice



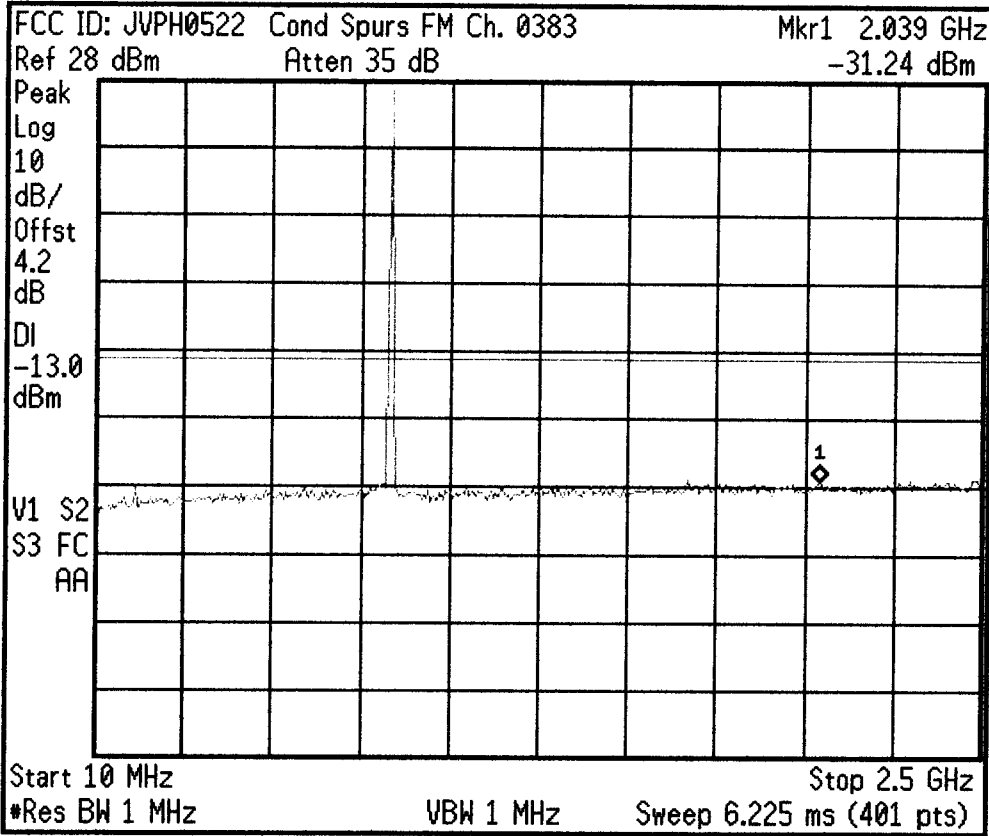
\* Agilent 05:46:55 Jul 20, 2001



\* Agilent 05:47:43 Jul 20, 2001

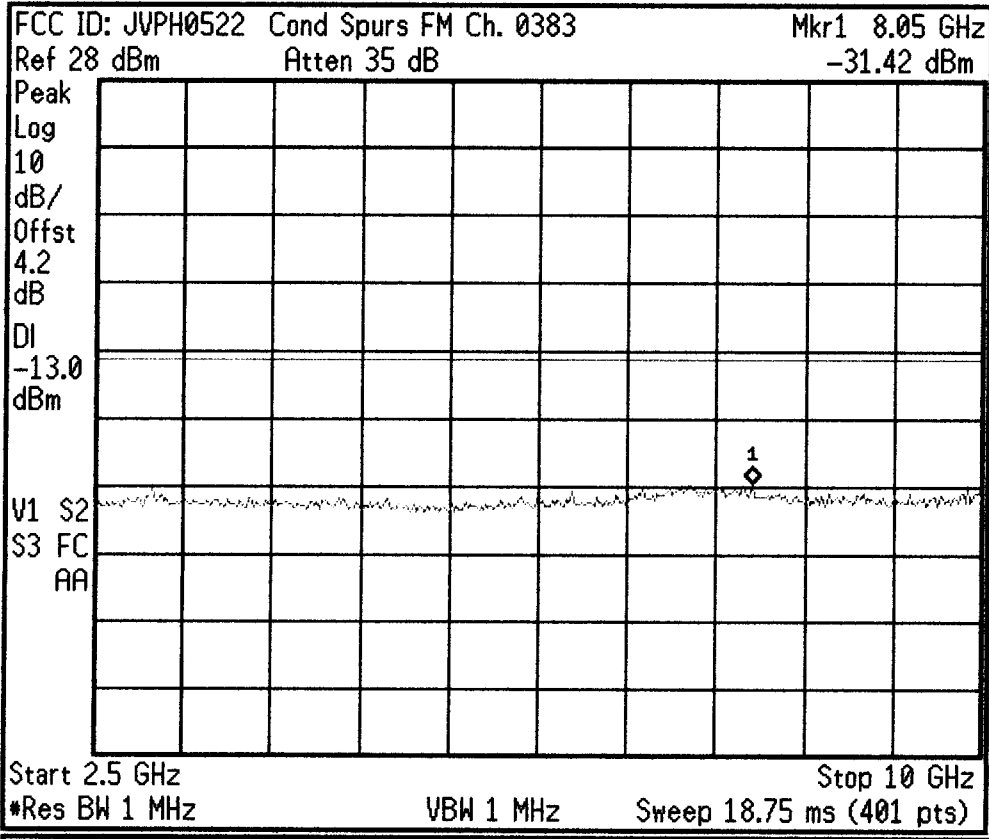


\* Agilent 05:51:07 Jul 20, 2001



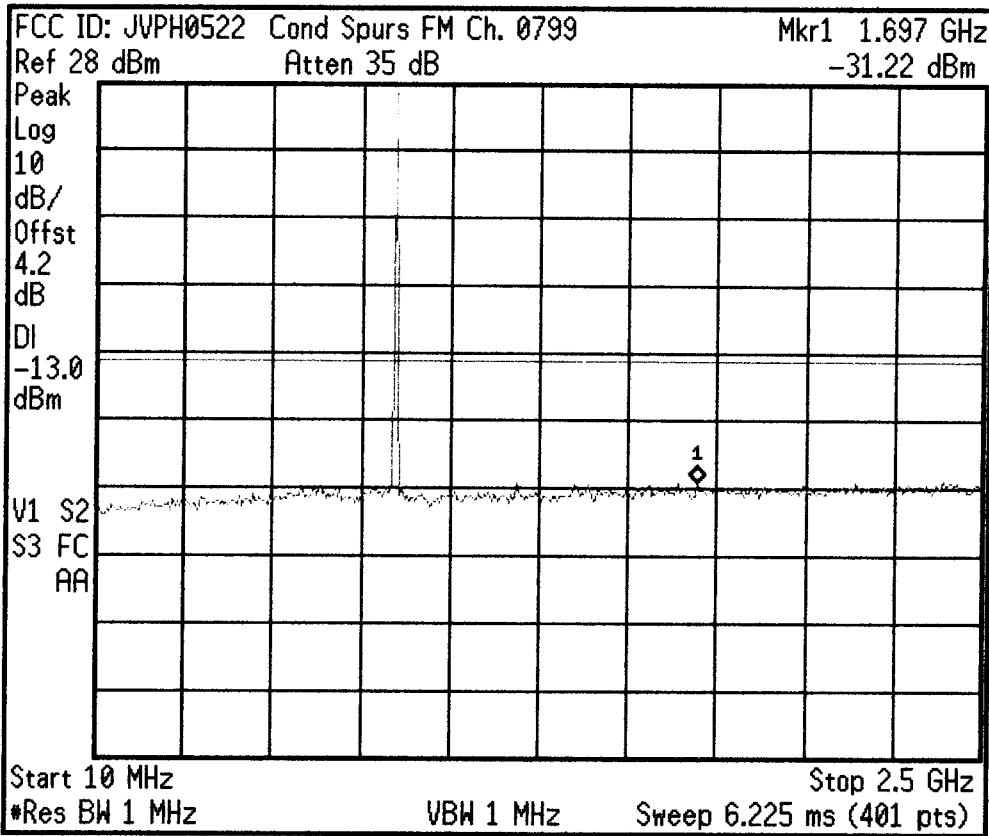
<b>Freq/Channel</b>
<b>Center Freq</b> 1.25500000 GHz
<b>Start Freq</b> 10.0000000 MHz
<b>Stop Freq</b> 2.50000000 GHz
<b>CF Step</b> 249.000000 MHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off

\* Agilent 05:51:59 Jul 20, 2001



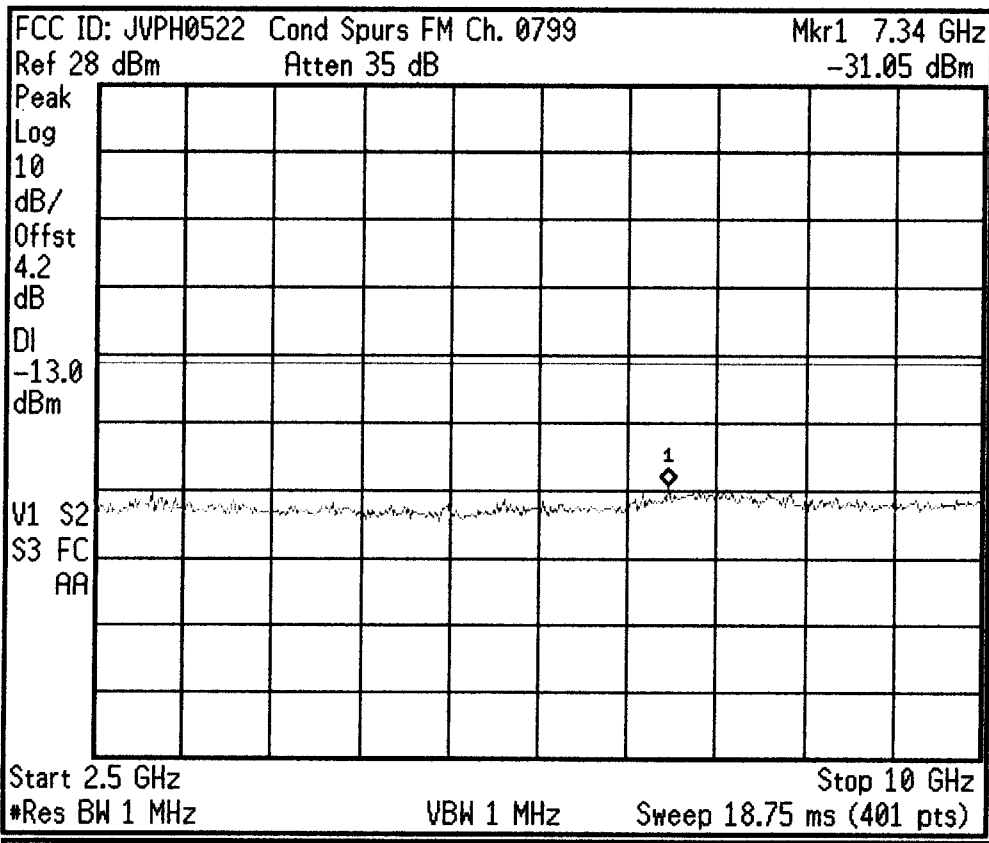
<b>Freq/Channel</b>
<b>Center Freq</b> 6.25000000 GHz
<b>Start Freq</b> 2.50000000 GHz
<b>Stop Freq</b> 10.0000000 GHz
<b>CF Step</b> 750.000000 MHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off

\* Agilent 05:53:31 Jul 20, 2001



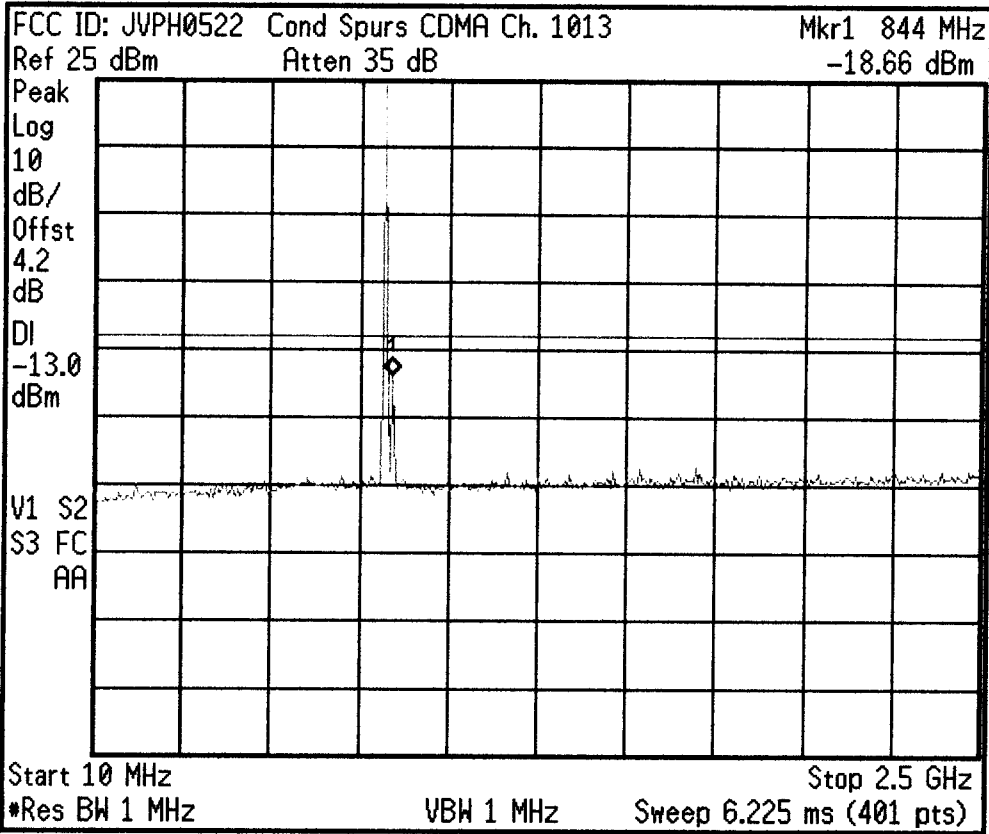
<b>Freq/Channel</b>
<b>Center Freq</b> 1.25500000 GHz
<b>Start Freq</b> 10.0000000 MHz
<b>Stop Freq</b> 2.50000000 GHz
<b>CF Step</b> 249.000000 MHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On <u>Off</u>

\* Agilent 05:54:06 Jul 20, 2001



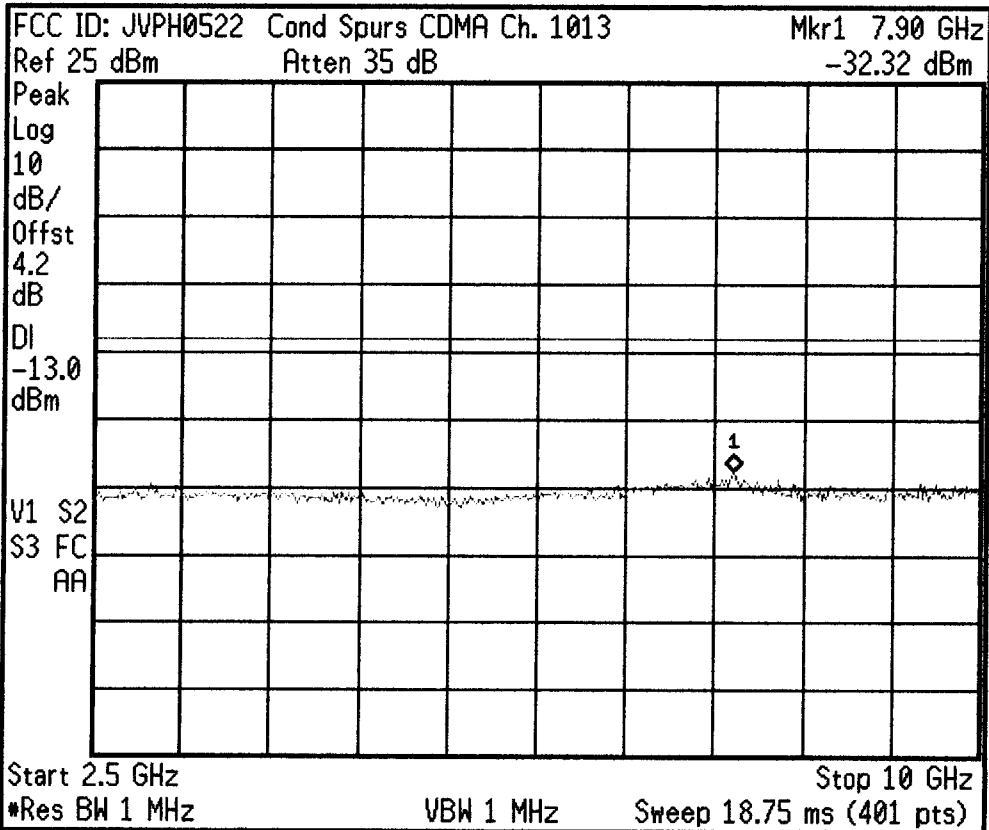
<b>Freq/Channel</b>
<b>Center Freq</b> 6.25000000 GHz
<b>Start Freq</b> 2.50000000 GHz
<b>Stop Freq</b> 10.0000000 GHz
<b>CF Step</b> 750.000000 MHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On <u>Off</u>

\* Agilent 05:59:26 Jul 20, 2001



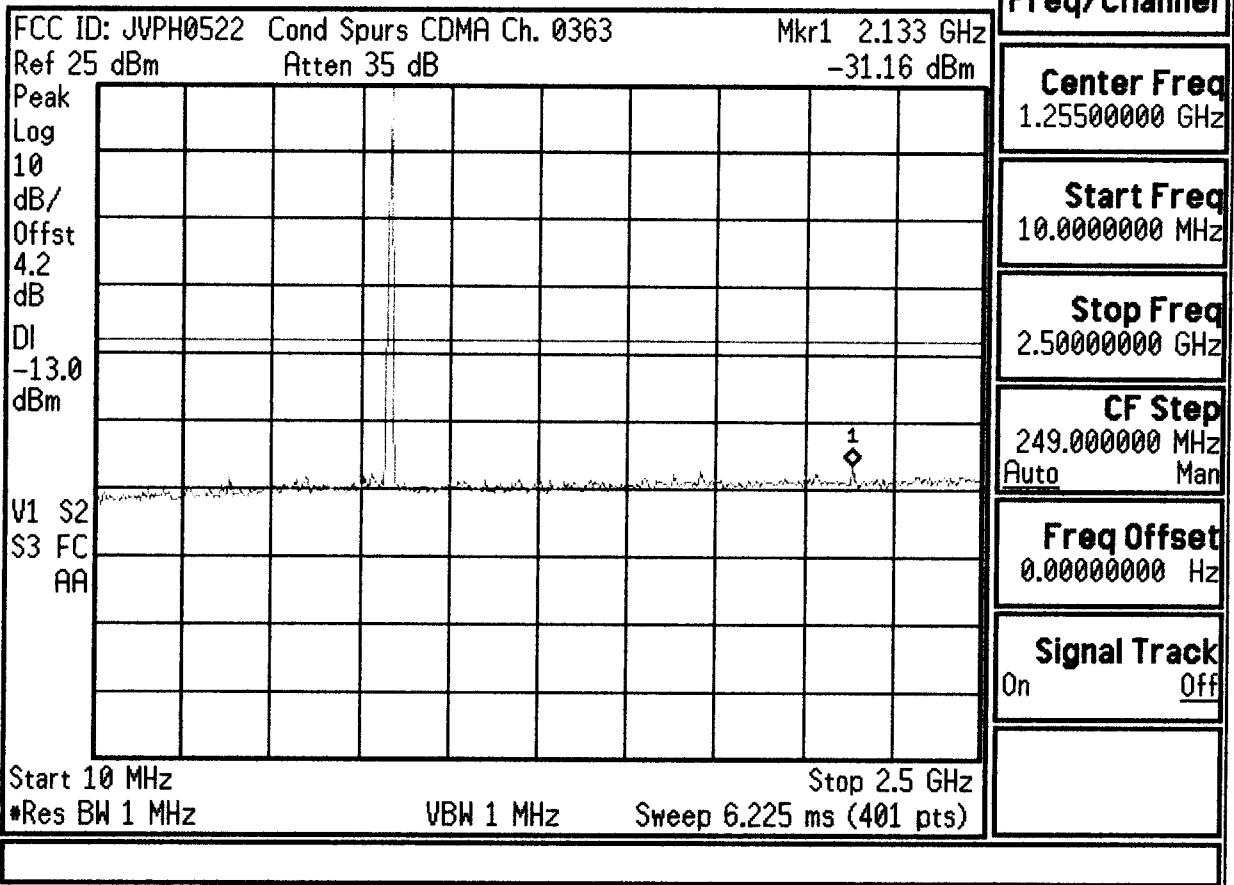
<b>Freq/Channel</b>
<b>Center Freq</b> 1.25500000 GHz
<b>Start Freq</b> 10.0000000 MHz
<b>Stop Freq</b> 2.50000000 GHz
<b>CF Step</b> 249.000000 MHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off

\* Agilent 06:00:11 Jul 20, 2001

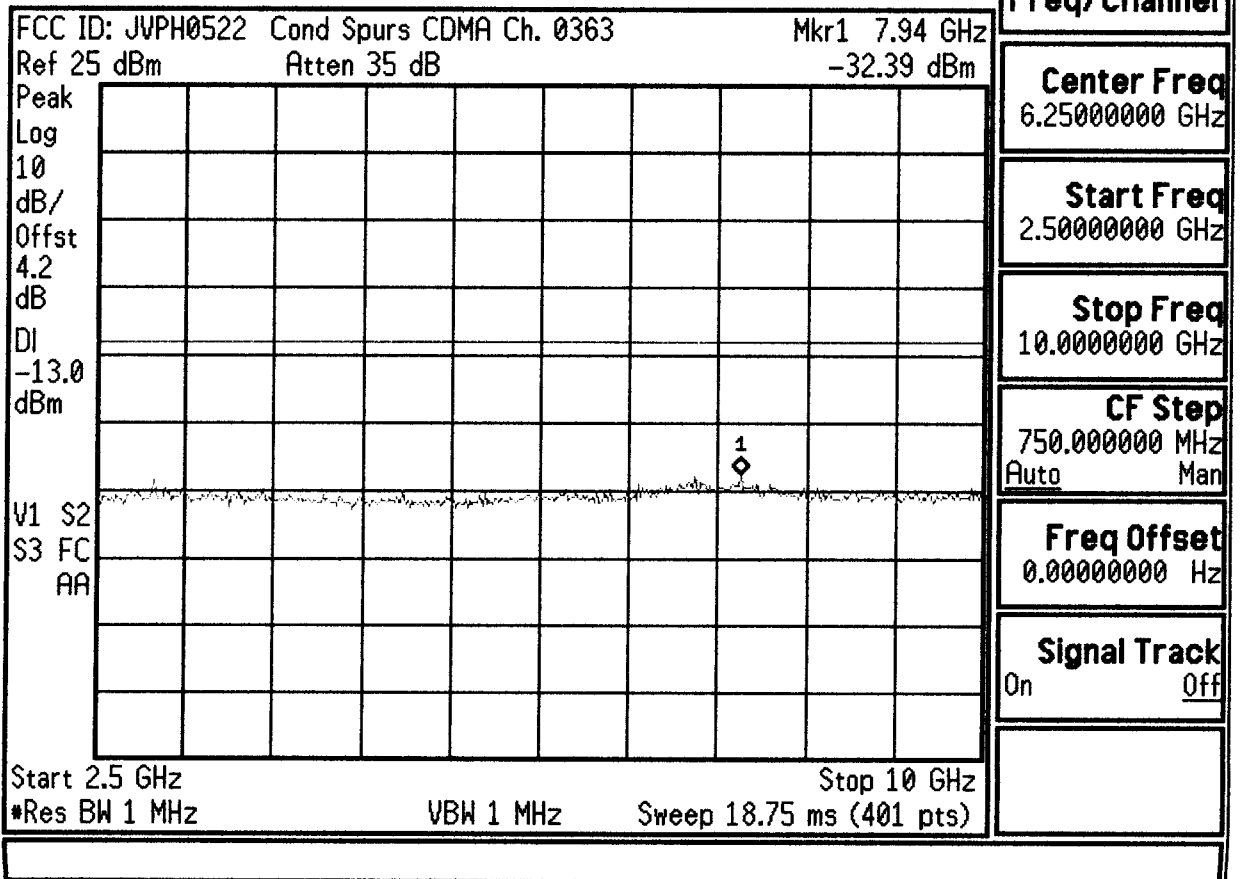


<b>Freq/Channel</b>
<b>Center Freq</b> 6.25000000 GHz
<b>Start Freq</b> 2.50000000 GHz
<b>Stop Freq</b> 10.0000000 GHz
<b>CF Step</b> 750.000000 MHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off

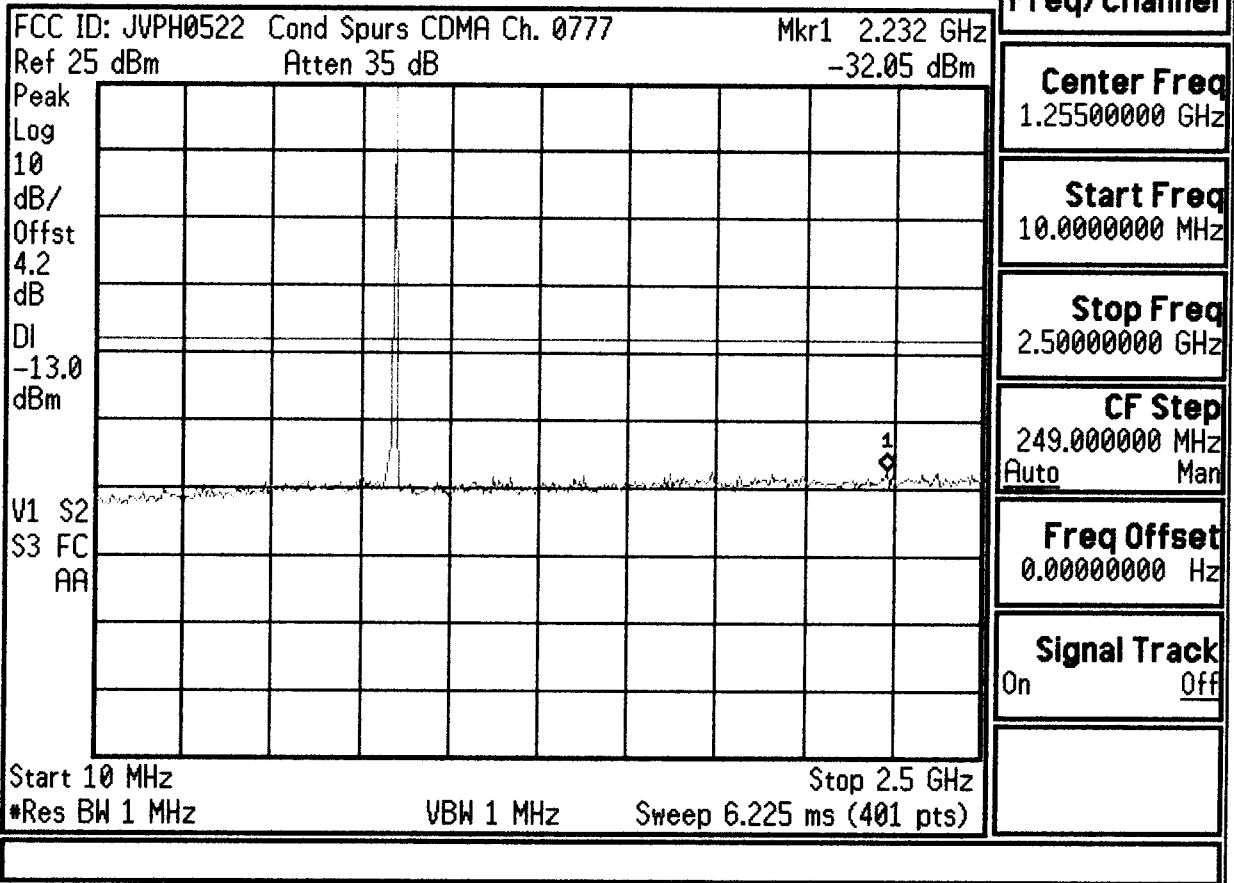
\* Agilent 06:01:36 Jul 20, 2001



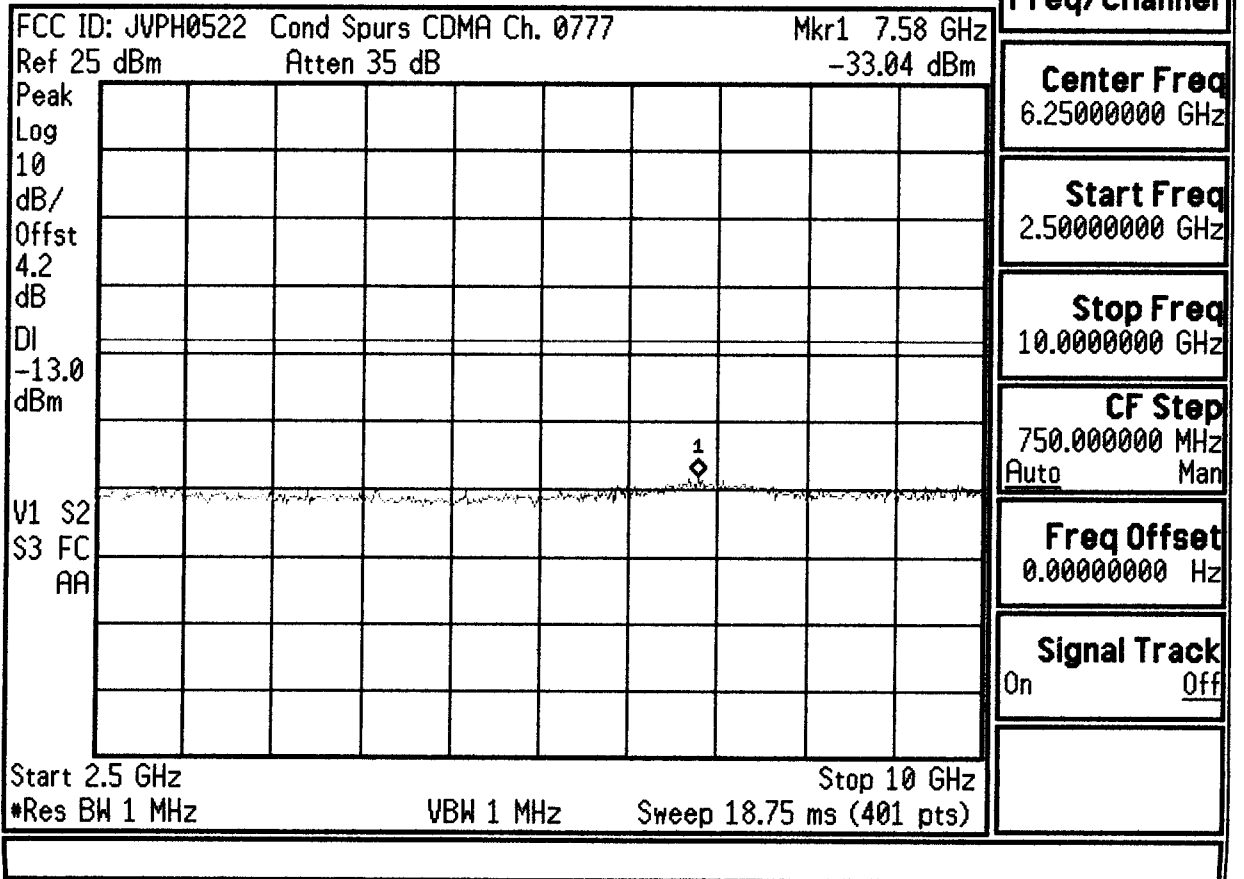
\* Agilent 06:02:25 Jul 20, 2001



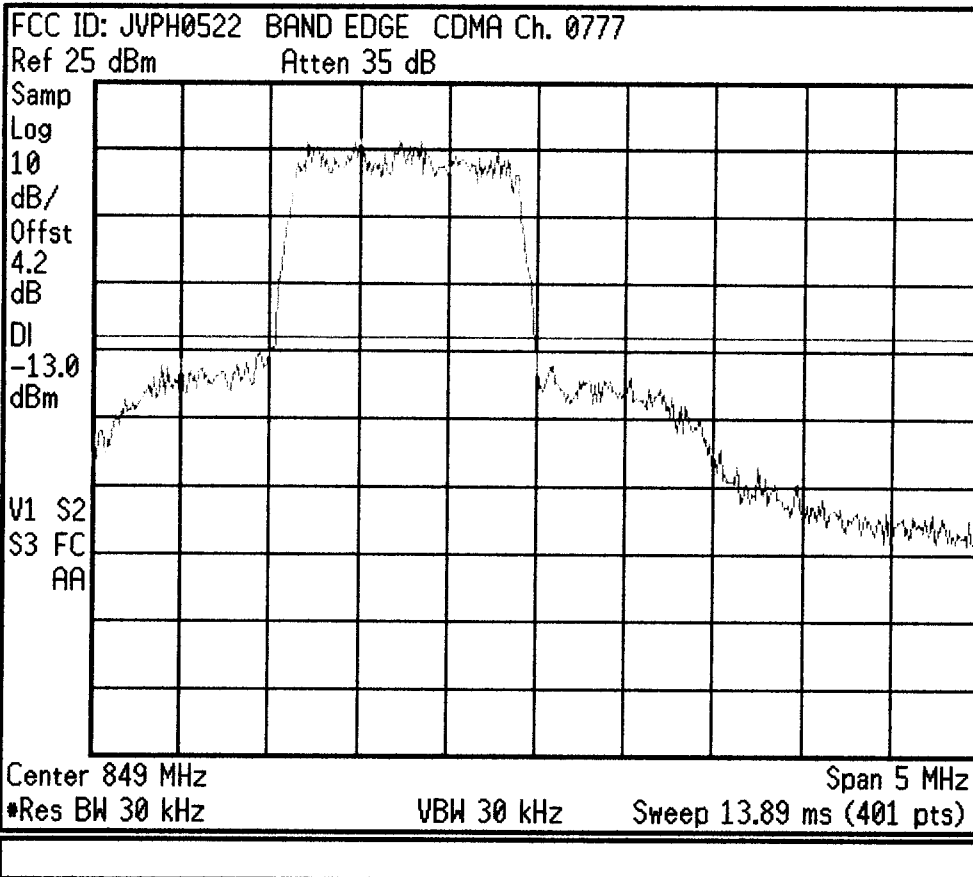
\* Agilent 06:03:30 Jul 20, 2001



\* Agilent 06:04:36 Jul 20, 2001

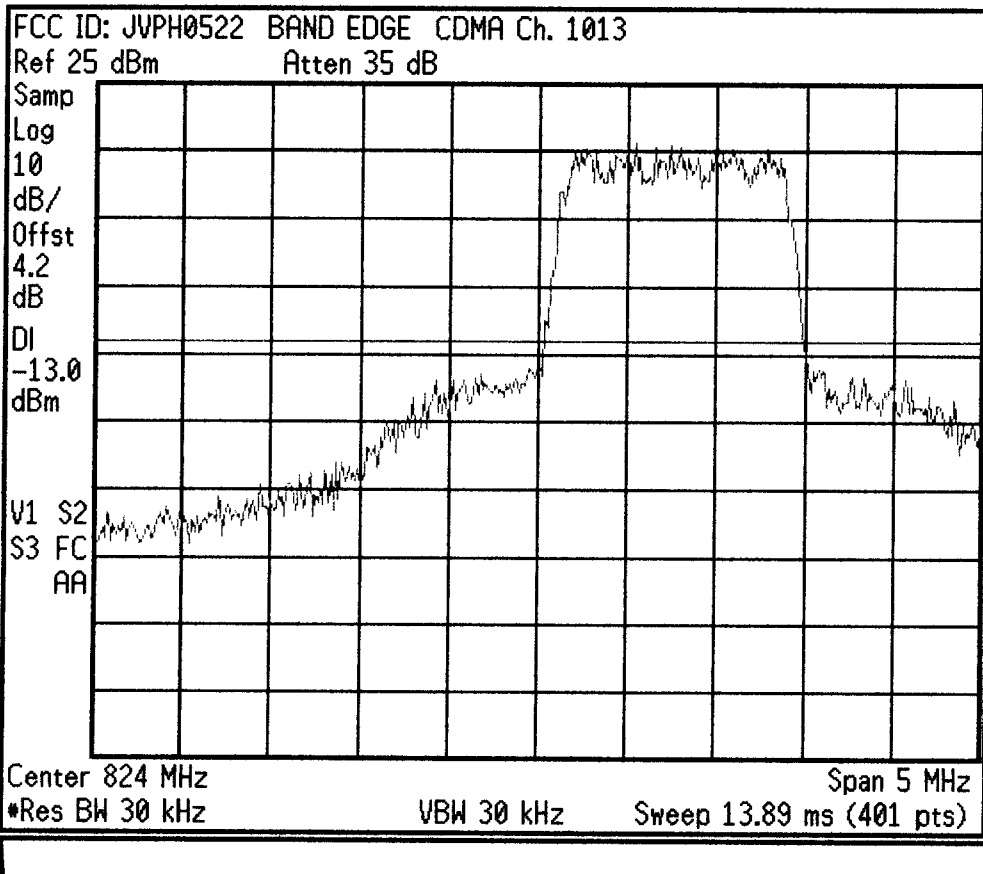


\* Agilent 06:30:42 Jul 20, 2001



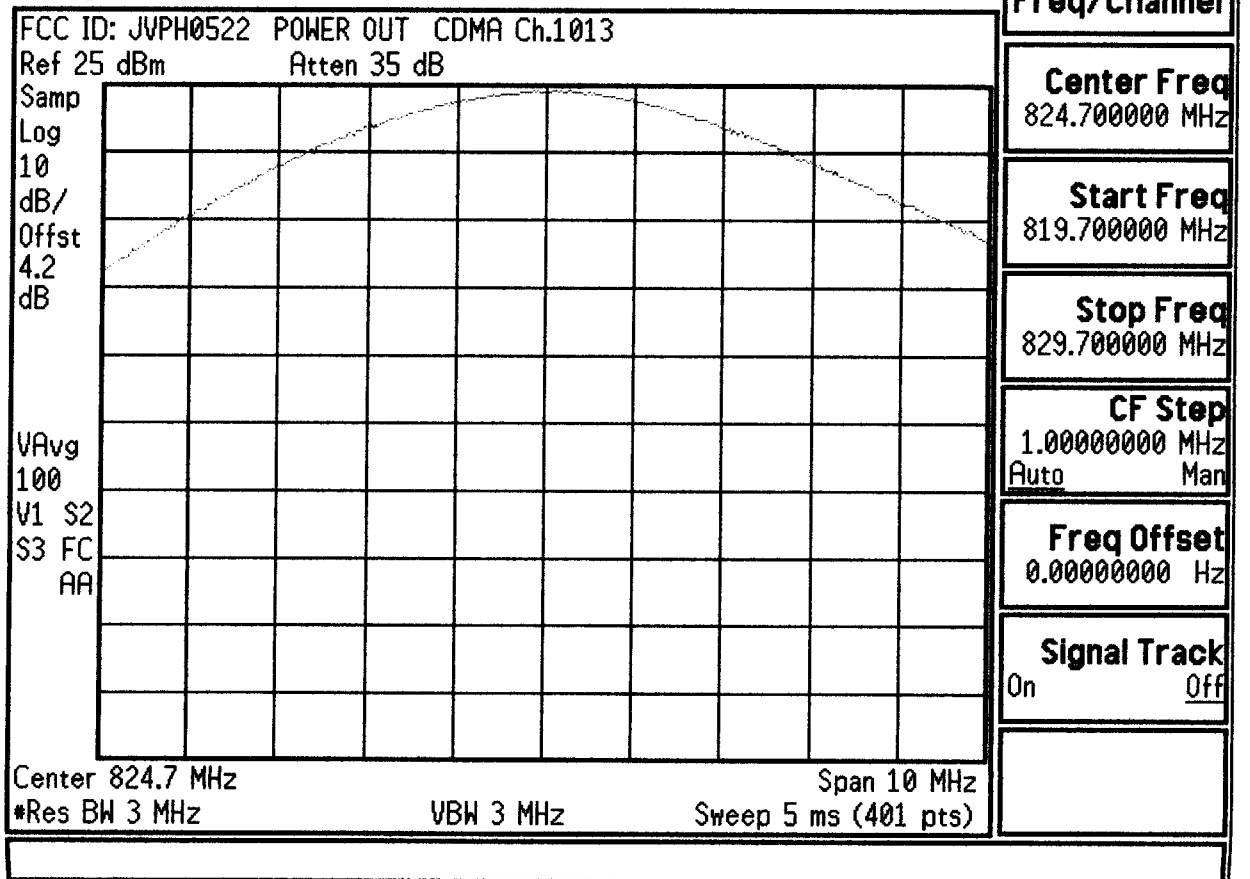
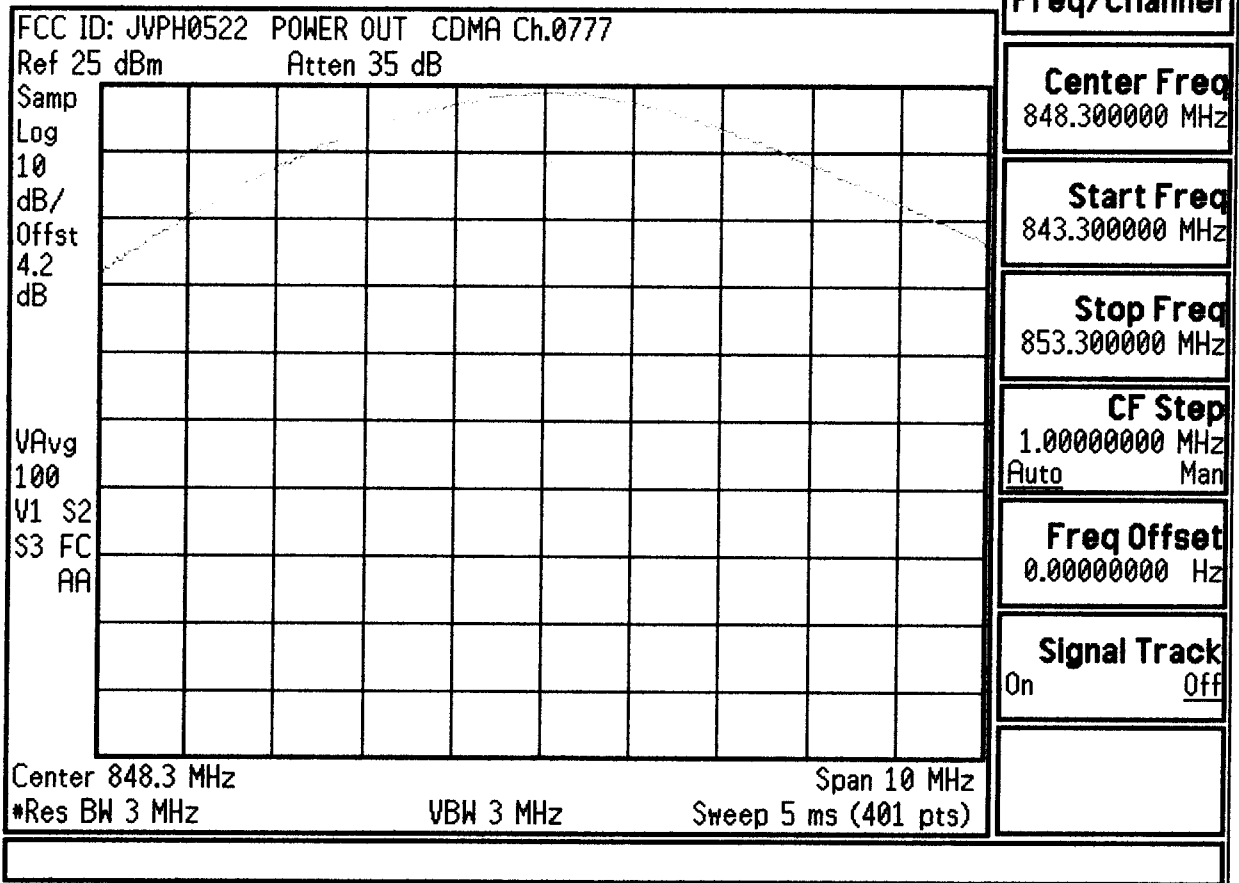
<b>Freq/Channel</b>
<b>Center Freq</b> 849.000000 MHz
<b>Start Freq</b> 846.500000 MHz
<b>Stop Freq</b> 851.500000 MHz
<b>CF Step</b> 500.000000 kHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off

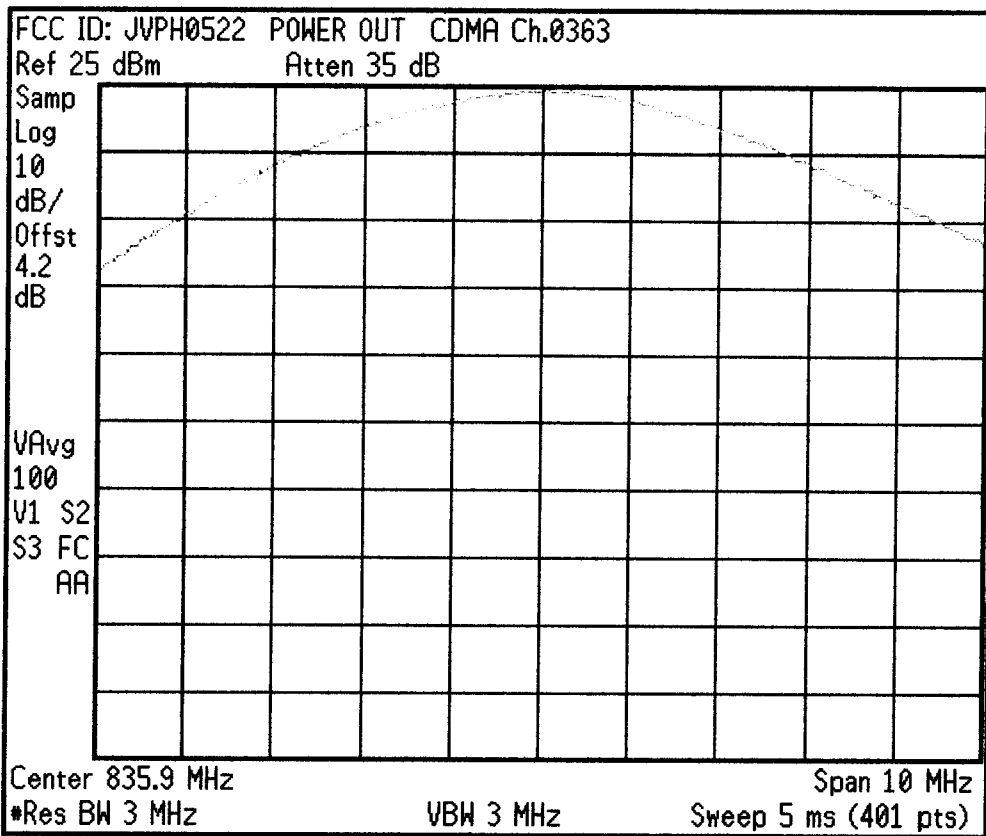
\* Agilent 06:32:22 Jul 20, 2001



<b>Freq/Channel</b>
<b>Center Freq</b> 824.000000 MHz
<b>Start Freq</b> 821.500000 MHz
<b>Stop Freq</b> 826.500000 MHz
<b>CF Step</b> 500.000000 kHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off







**Freq/Channel**

**Center Freq**  
835.900000 MHz

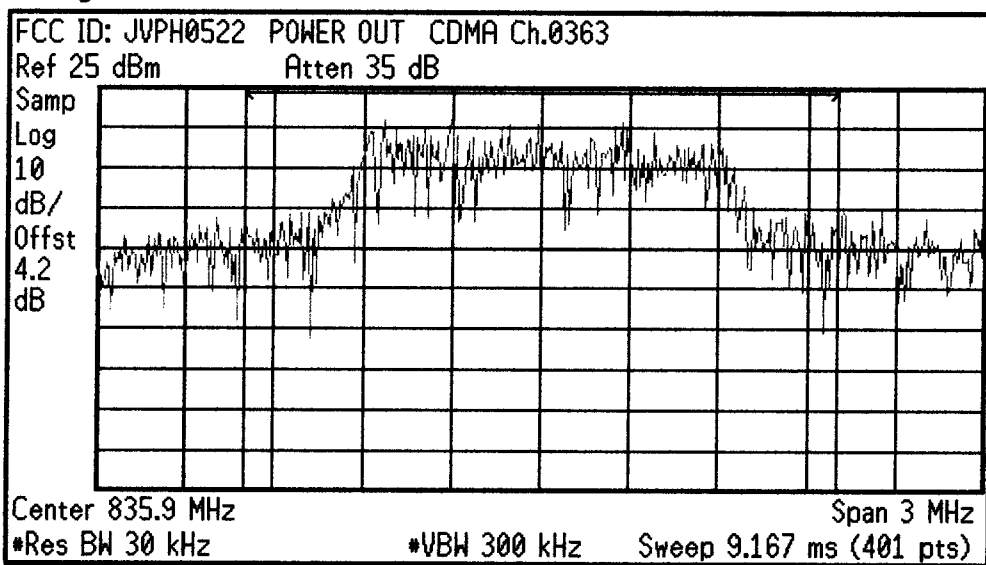
**Start Freq**  
830.900000 MHz

**Stop Freq**  
840.900000 MHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



**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

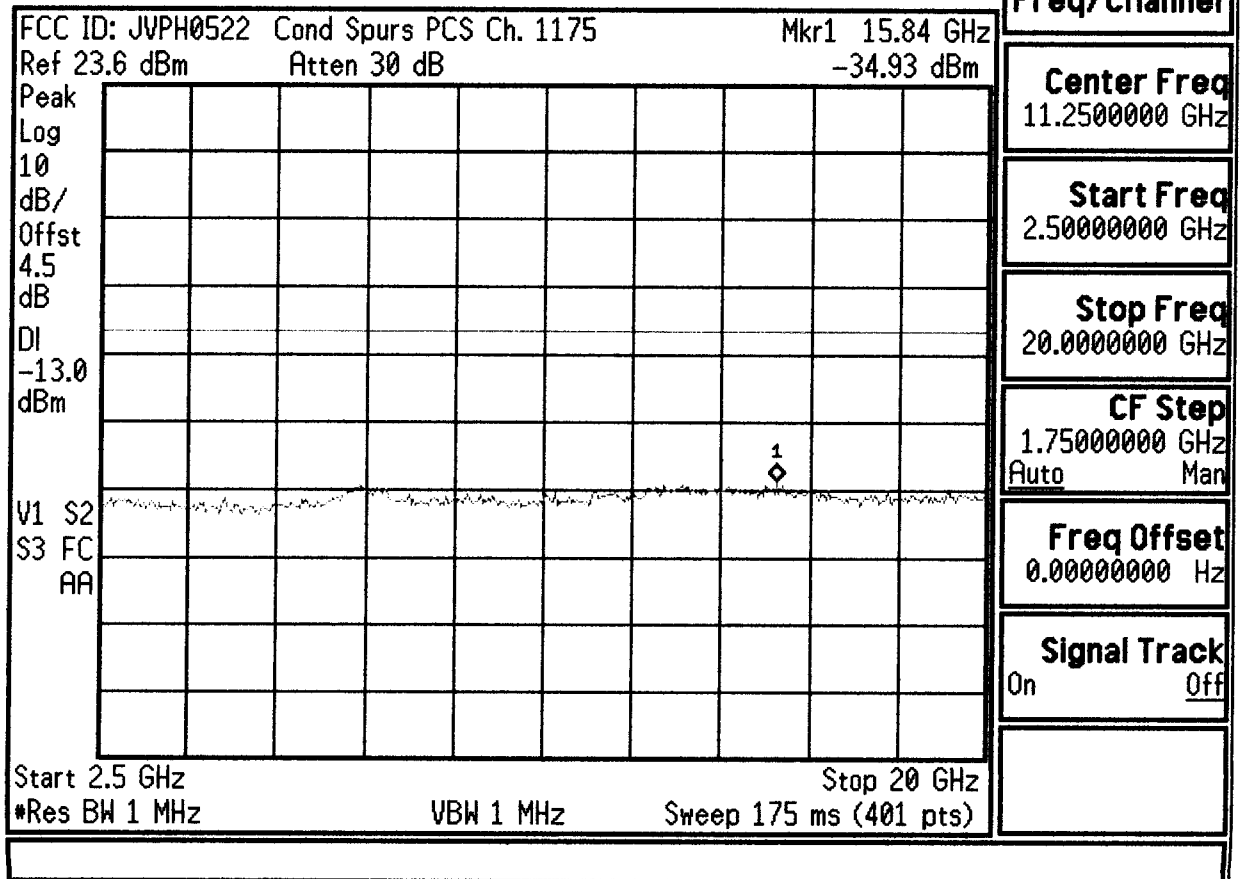
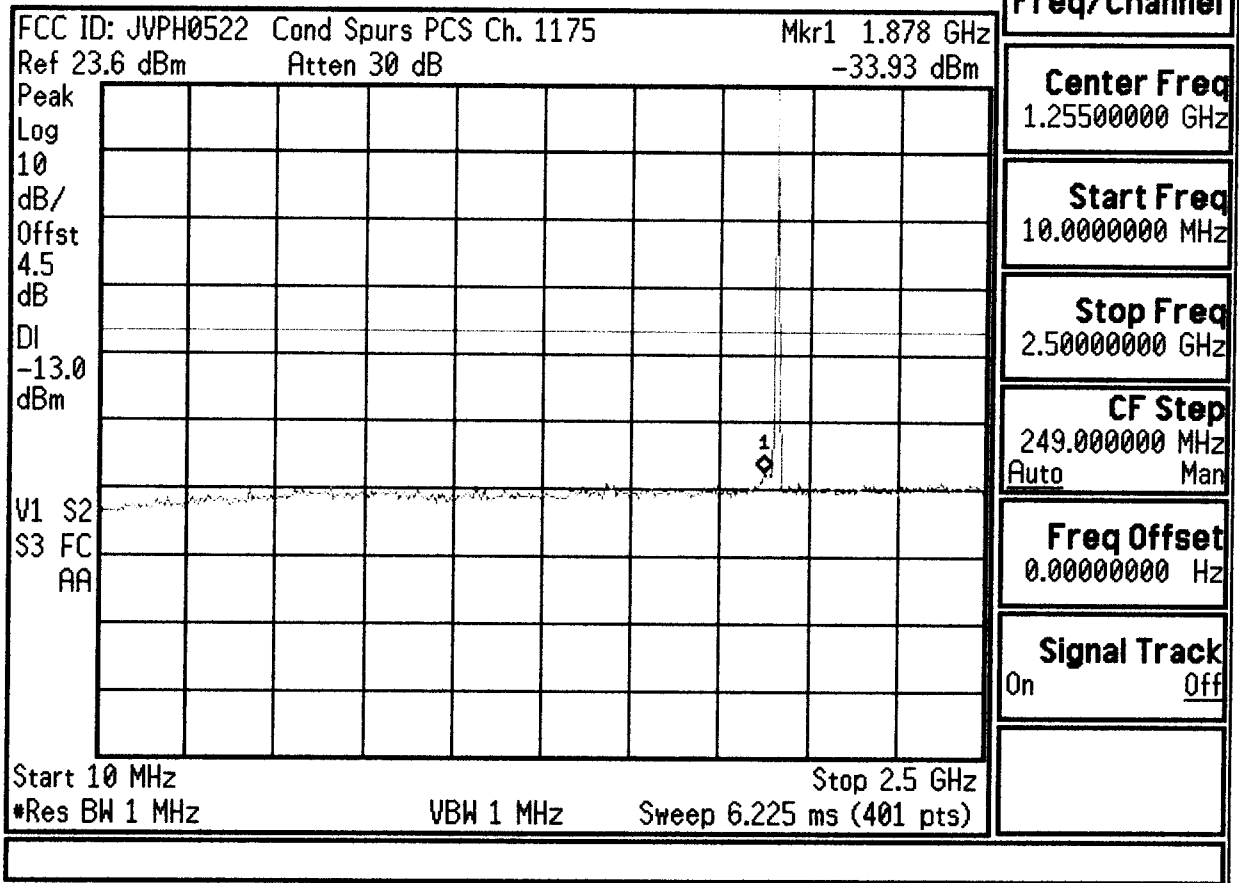
Channel Power Results (idle)

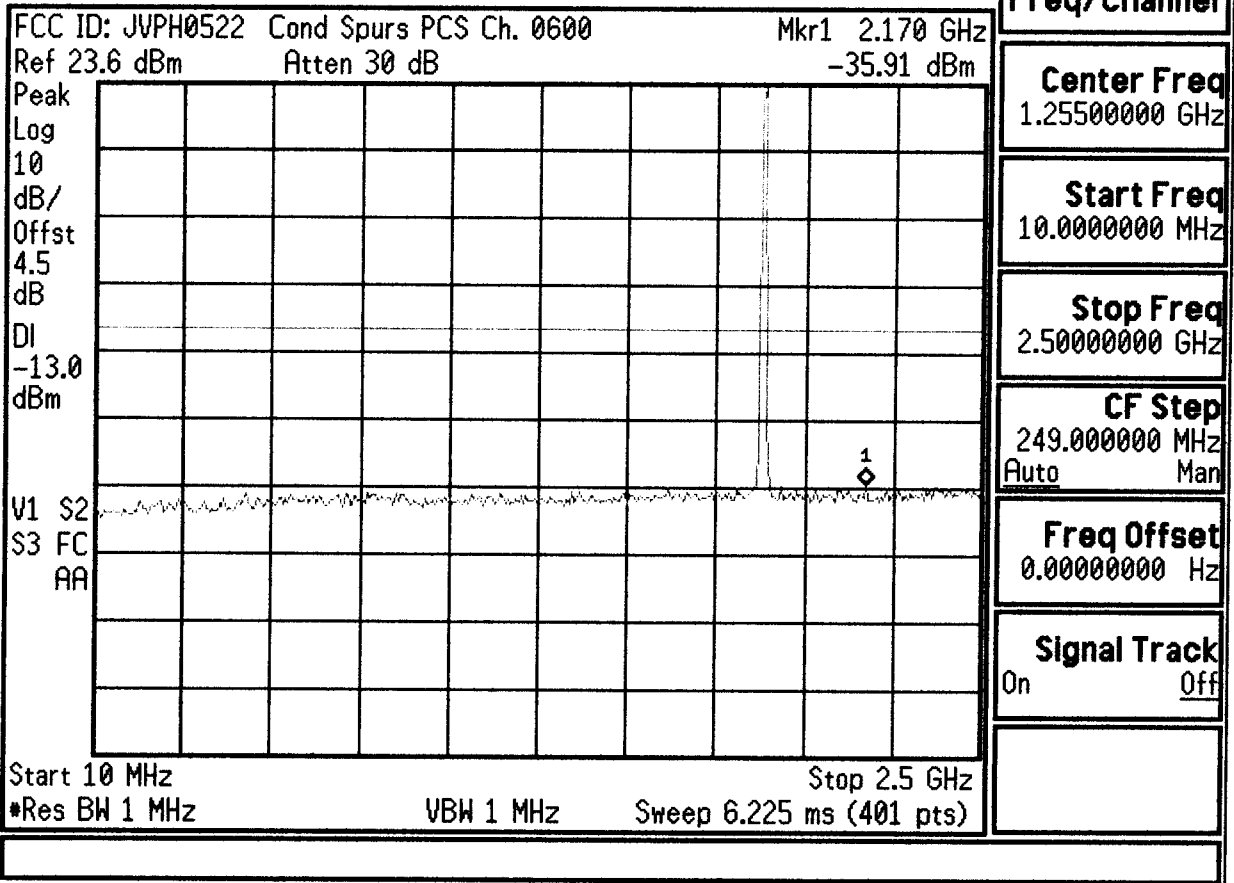
**Channel Power**  
25.05 dBm

**Density** -37.96 dBm/Hz

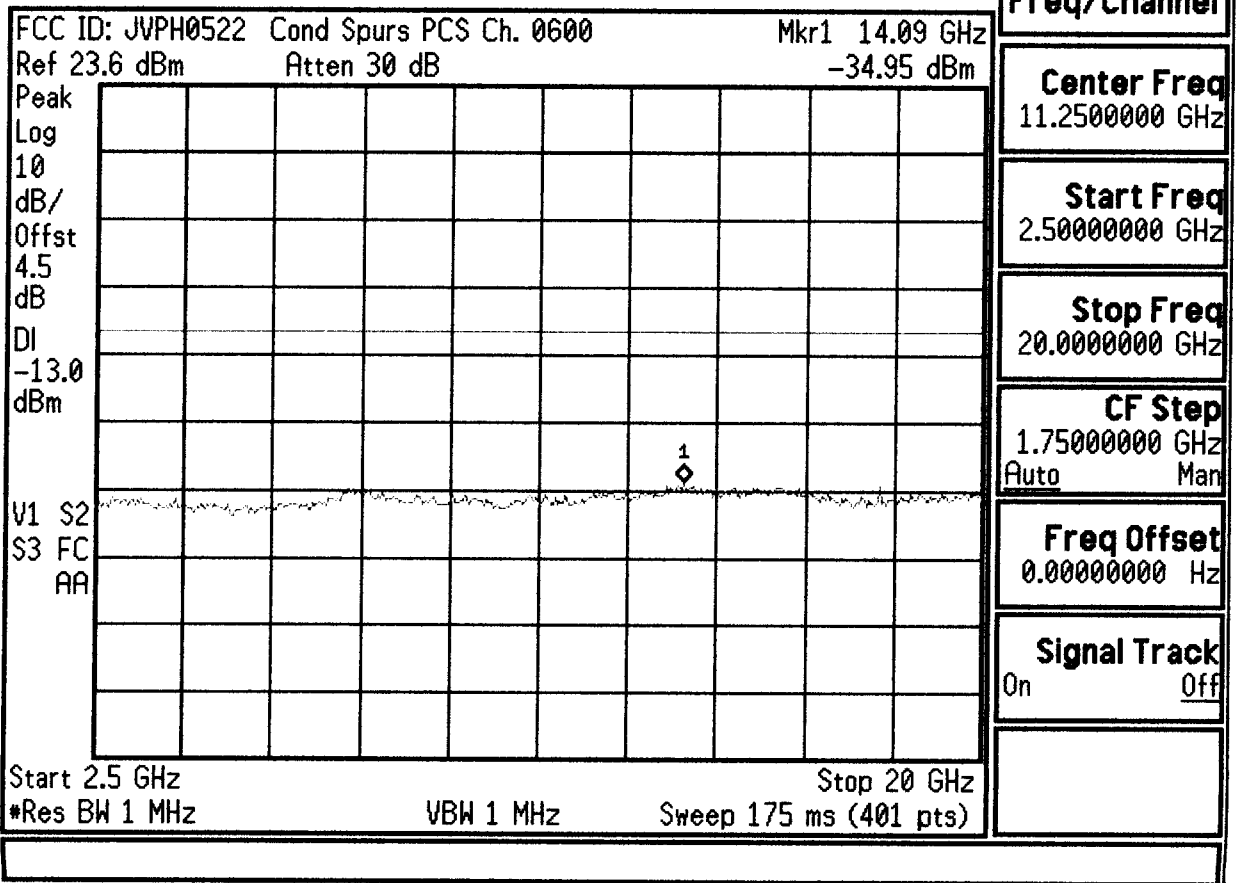
**Integration BW** 2.000 MHz

**Signal Track**  
On Off

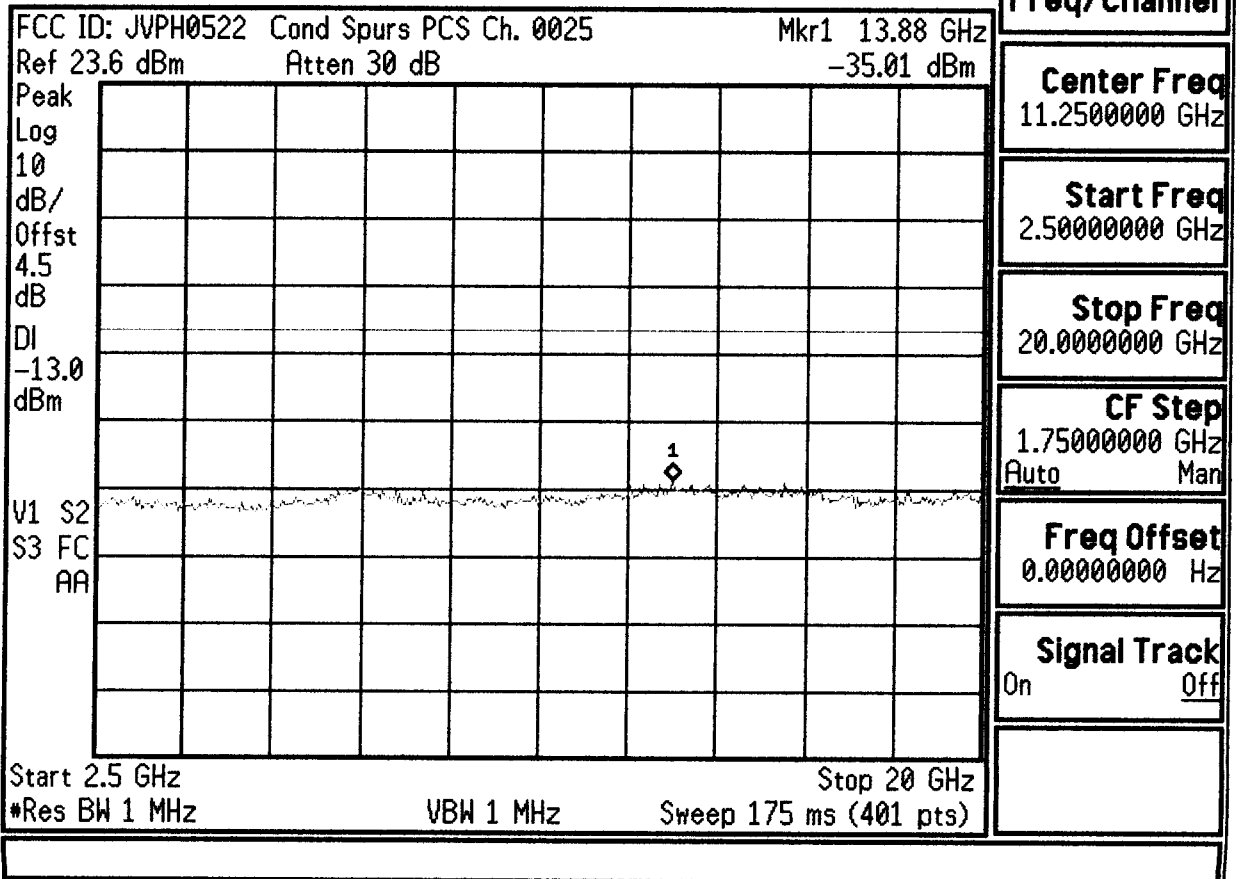
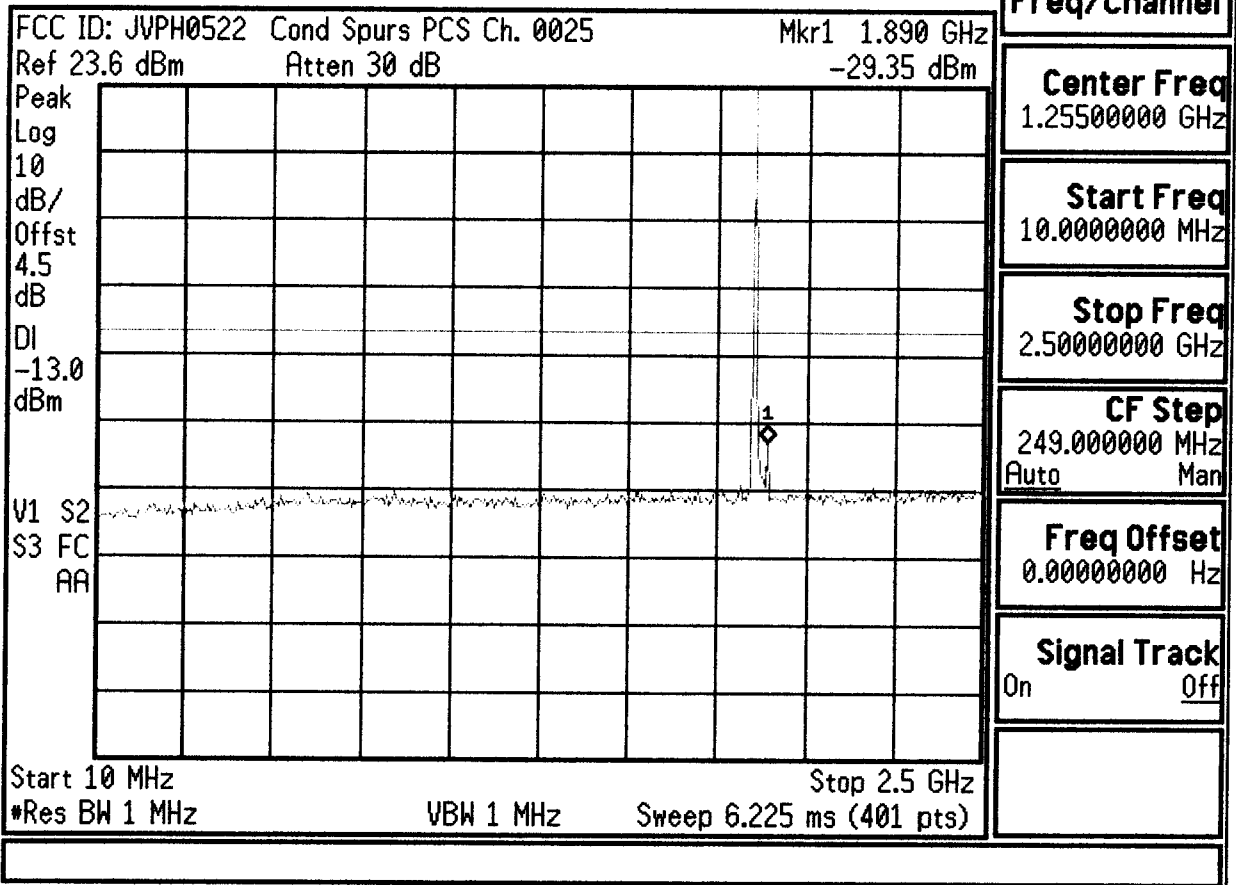


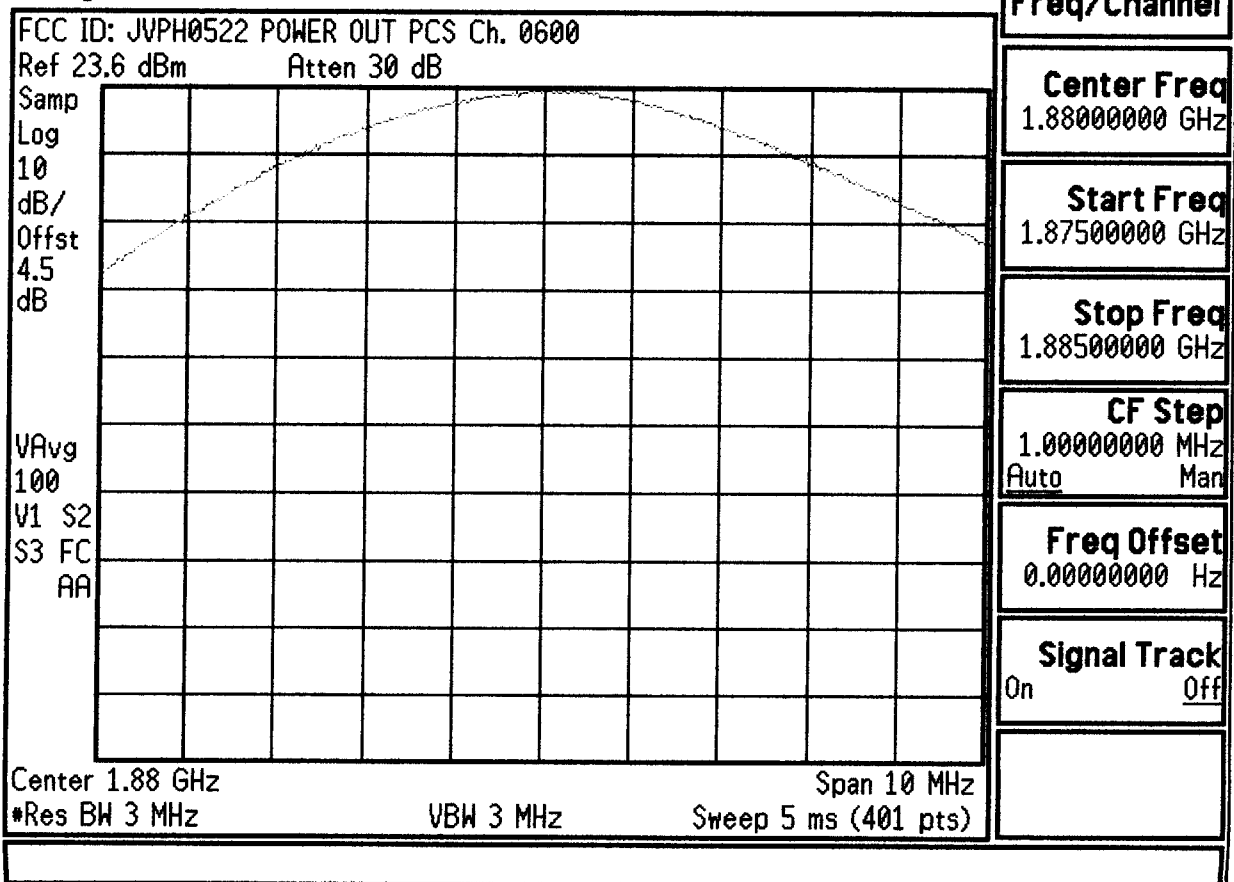
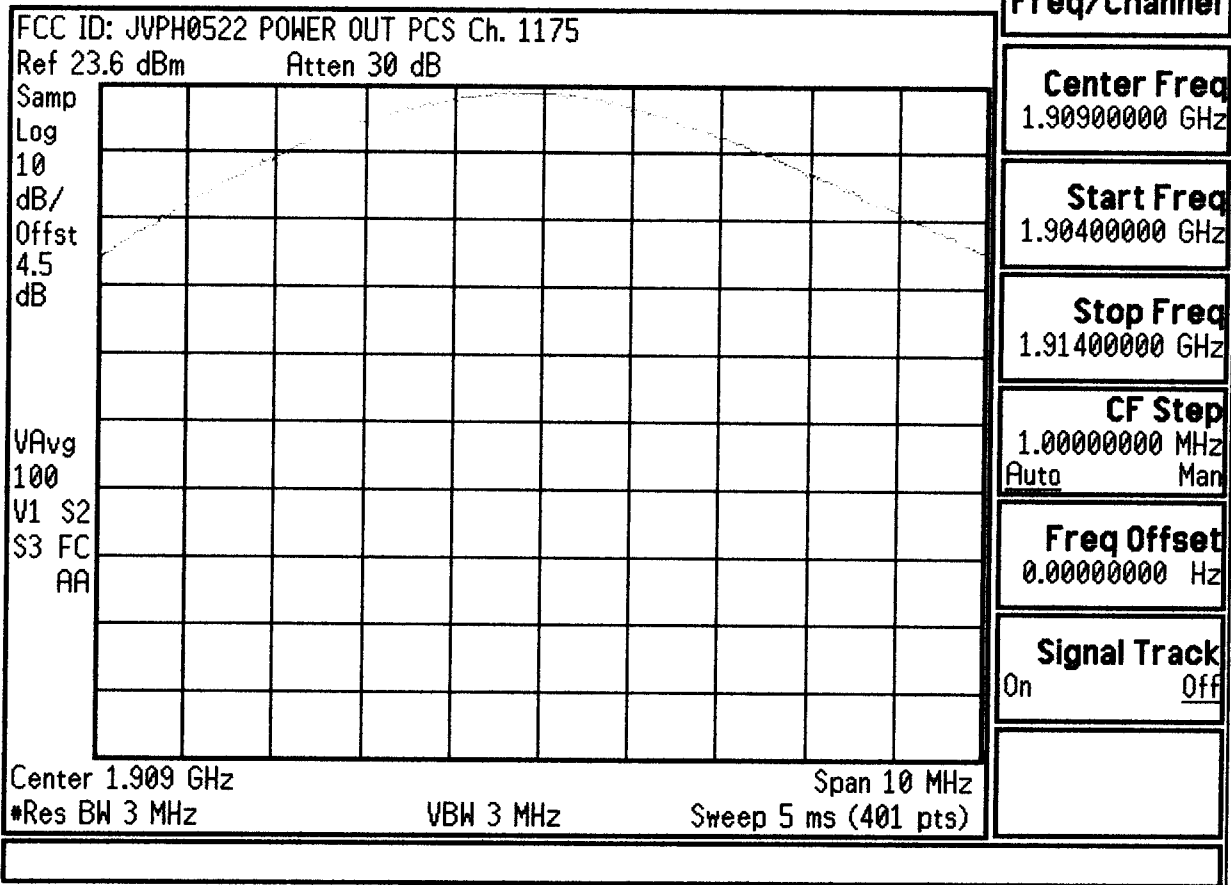


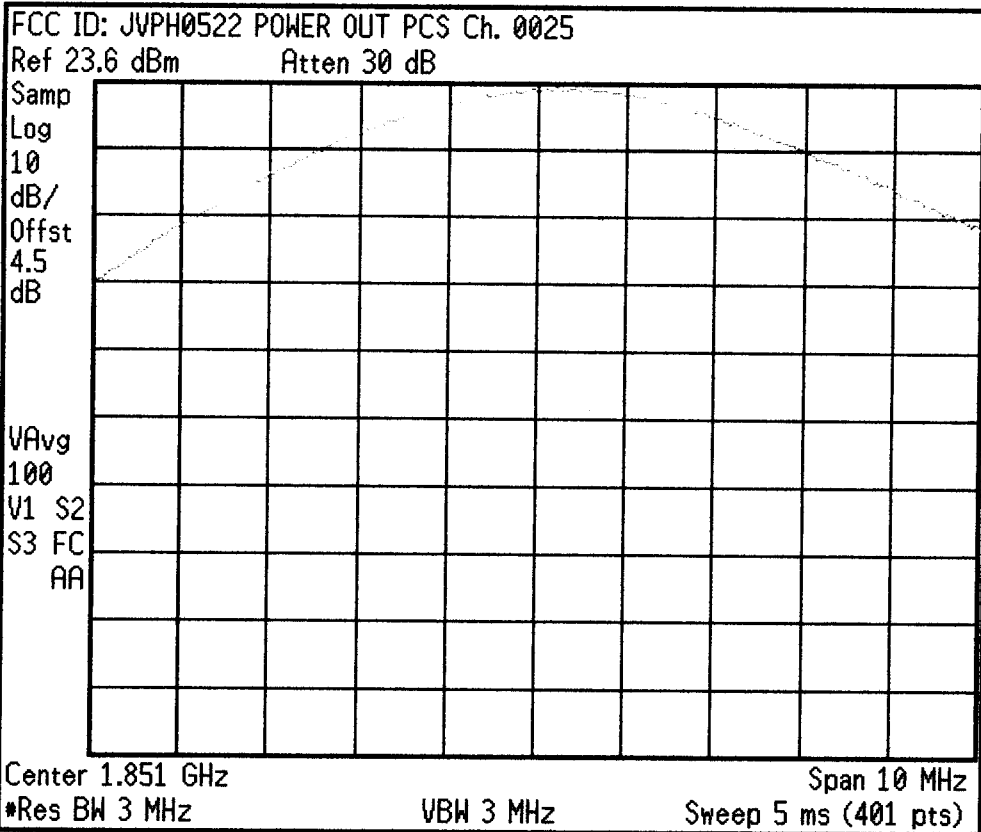
<b>Freq/Channel</b>
<b>Center Freq</b> 1.25500000 GHz
<b>Start Freq</b> 10.0000000 MHz
<b>Stop Freq</b> 2.50000000 GHz
<b>CF Step</b> 249.000000 MHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off



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







**Freq/Channel**

**Center Freq**  
1.85100000 GHz

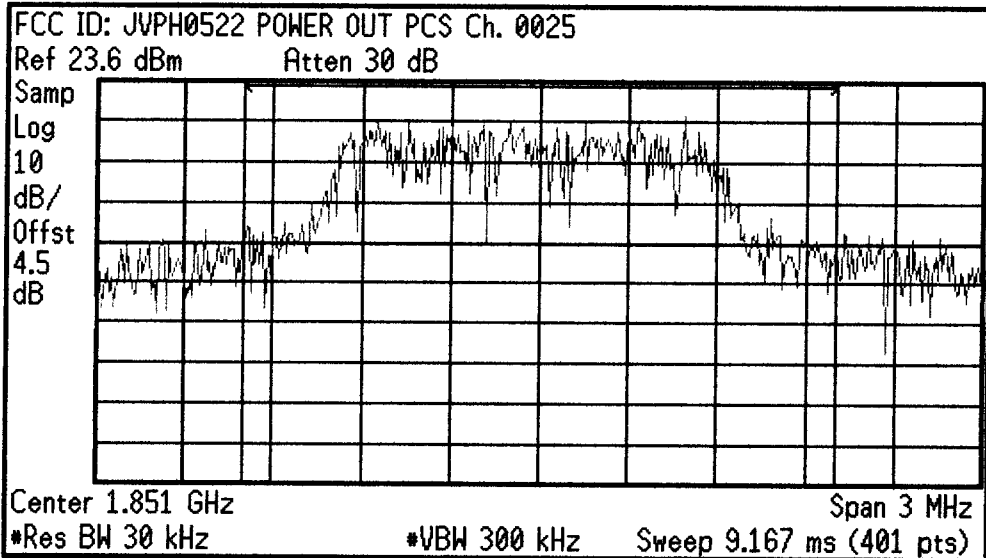
**Start Freq**  
1.84600000 GHz

**Stop Freq**  
1.85600000 GHz

**CF Step**  
1.00000000 MHz  
Auto Man

**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off



**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

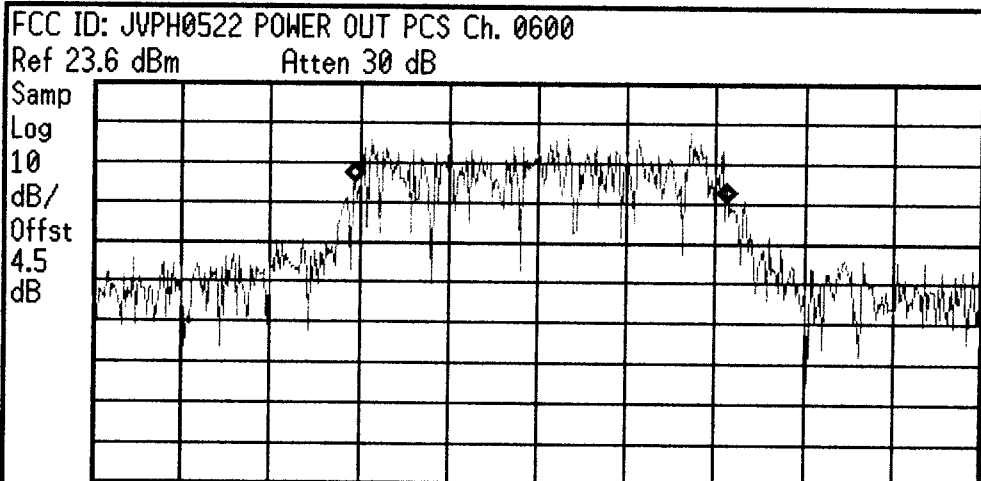
**Signal Track**  
On Off

Channel Power Results (idle)

**Channel Power**  
23.64 dBm

**Density** -39.37 dBm/Hz

**Integration BW** 2.000 MHz



Center 1.88 GHz Span 3 MHz  
 \*Res BW 30 kHz \*VBW 300 kHz Sweep 9.167 ms (401 pts)

Occupied Bandwidth Results (idle)

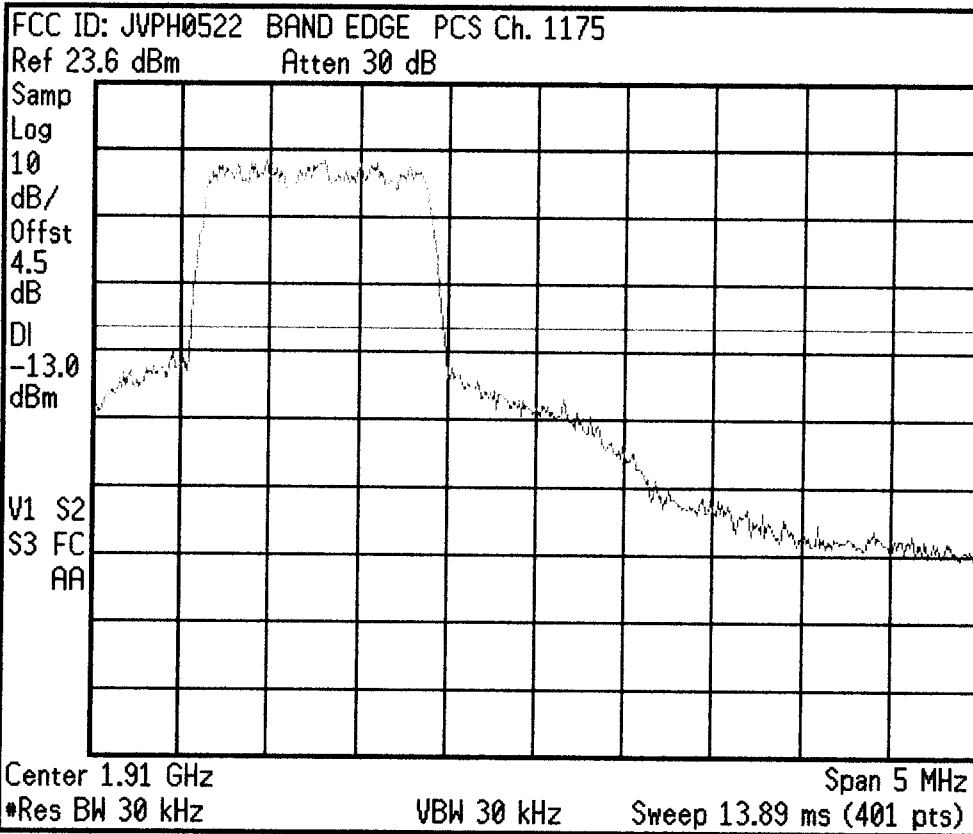
**Occupied Bandwidth** **Occ BW % Pwr** 99.00 %  
 1.253 MHz

**Transmit Freq Error** 7.549 kHz

<b>Freq/Channel</b>
<b>Center Freq</b> 1.88000000 GHz
<b>Start Freq</b> 1.87850000 GHz
<b>Stop Freq</b> 1.88150000 GHz
<b>CF Step</b> 300.000000 kHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off

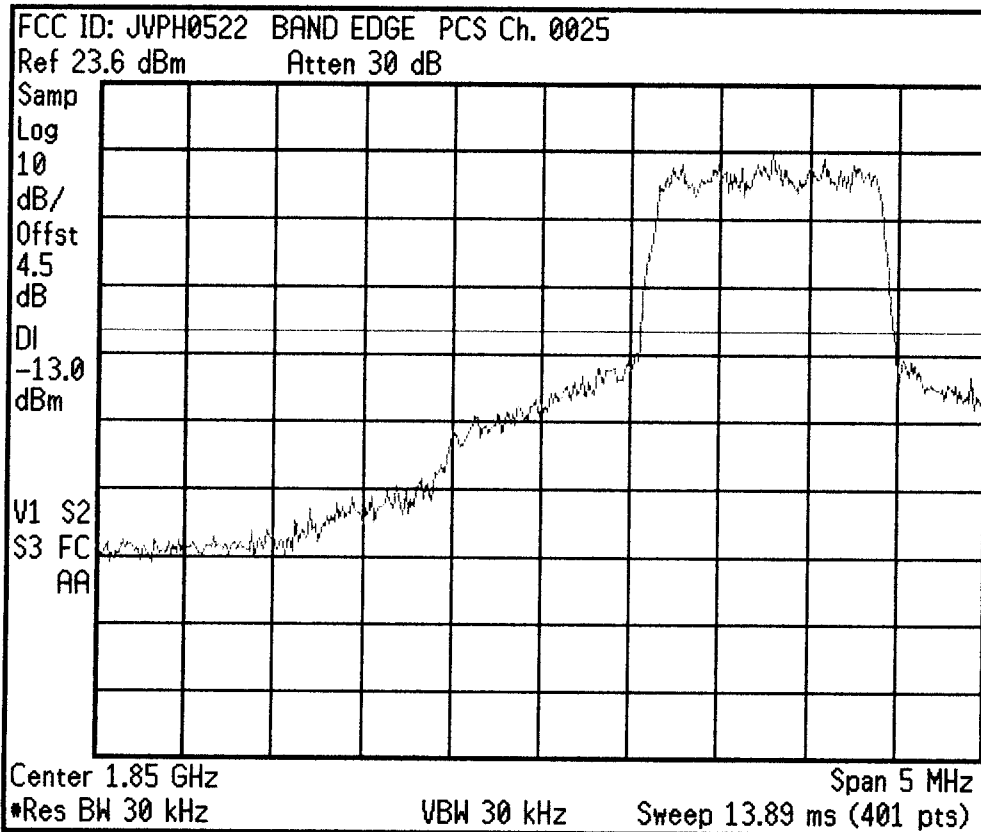


\* Agilent 06:36:39 Jul 20, 2001



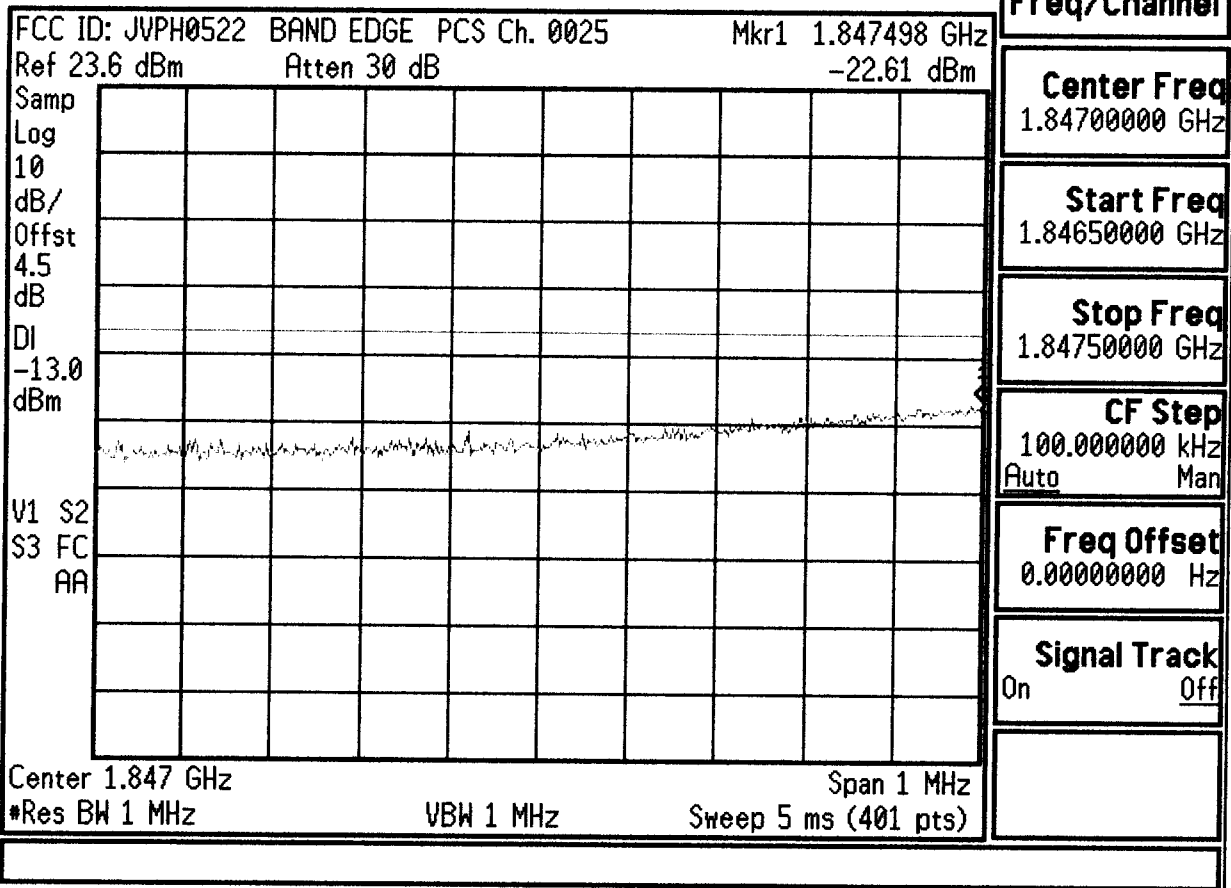
<b>Freq/Channel</b>
<b>Center Freq</b> 1.91000000 GHz
<b>Start Freq</b> 1.90750000 GHz
<b>Stop Freq</b> 1.91250000 GHz
<b>CF Step</b> 500.000000 kHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off

\* Agilent 06:37:53 Jul 20, 2001



<b>Freq/Channel</b>
<b>Center Freq</b> 1.85000000 GHz
<b>Start Freq</b> 1.84750000 GHz
<b>Stop Freq</b> 1.85250000 GHz
<b>CF Step</b> 500.000000 kHz Auto Man
<b>Freq Offset</b> 0.00000000 Hz
<b>Signal Track</b> On Off

\* Agilent 06:40:59 Jul 20, 2001



Freq/Channel

Center Freq  
1.84700000 GHz

Start Freq  
1.84650000 GHz

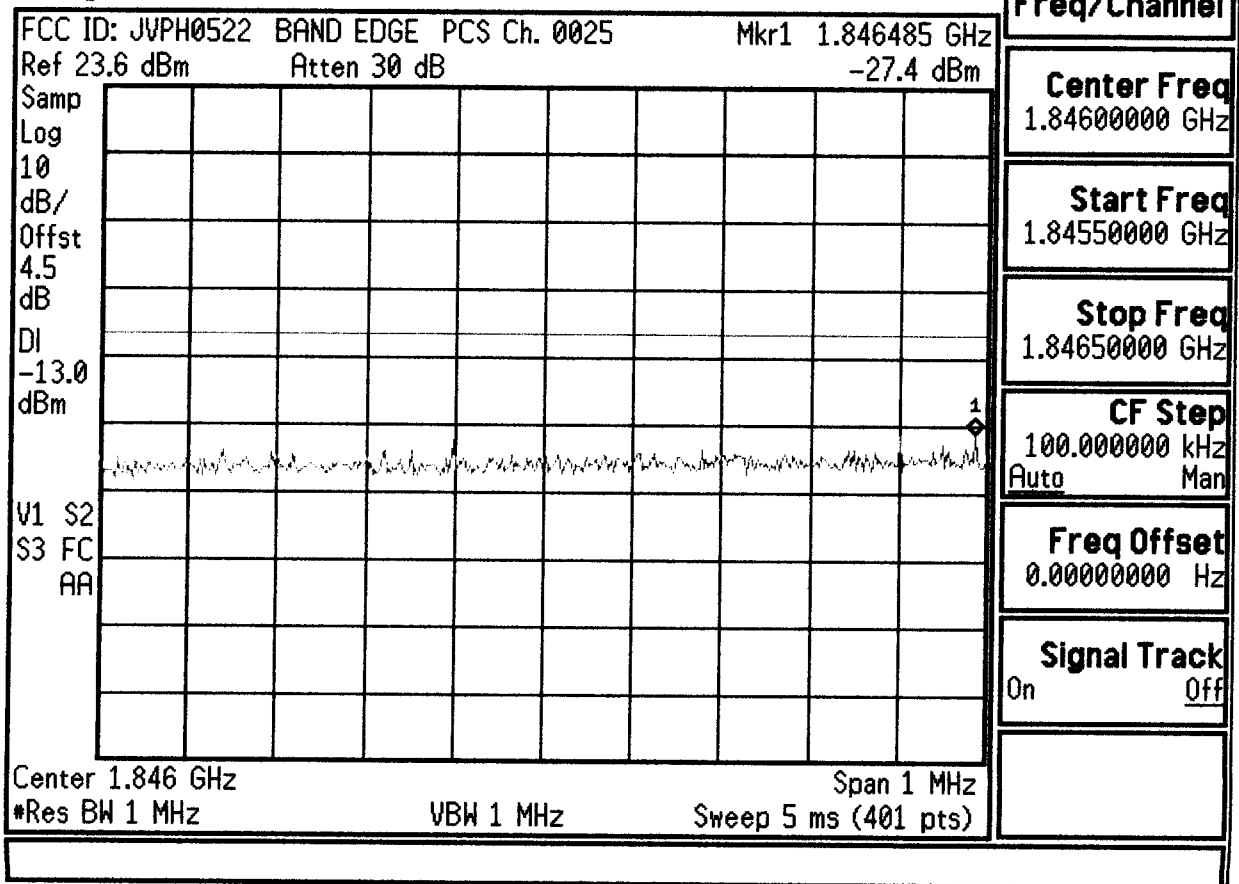
Stop Freq  
1.84750000 GHz

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

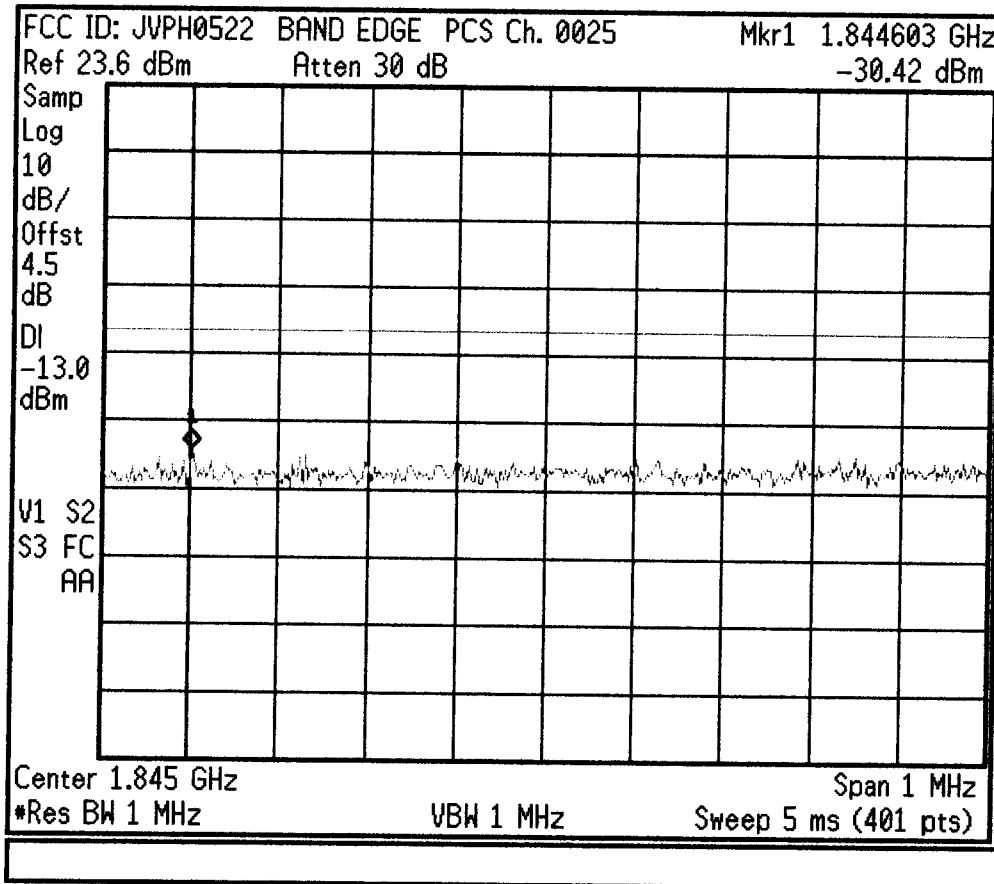
Stop Freq  
1.84650000 GHz

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

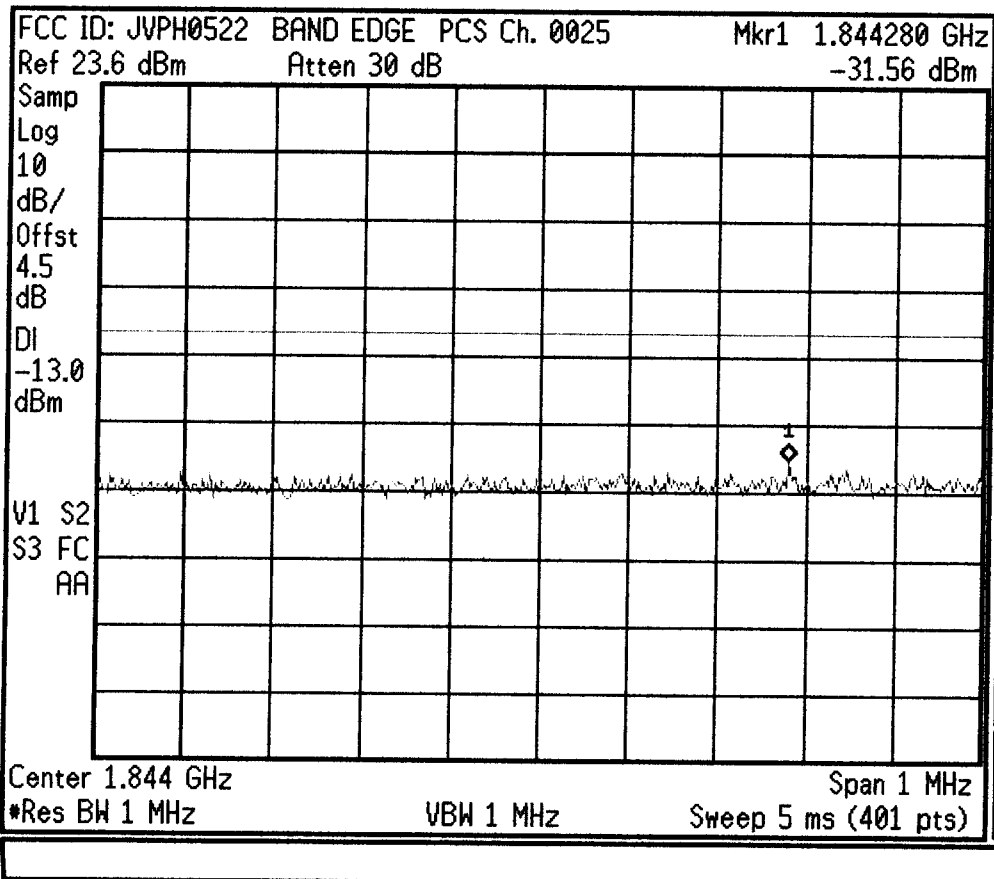
**Stop Freq**  
1.84550000 GHz

**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

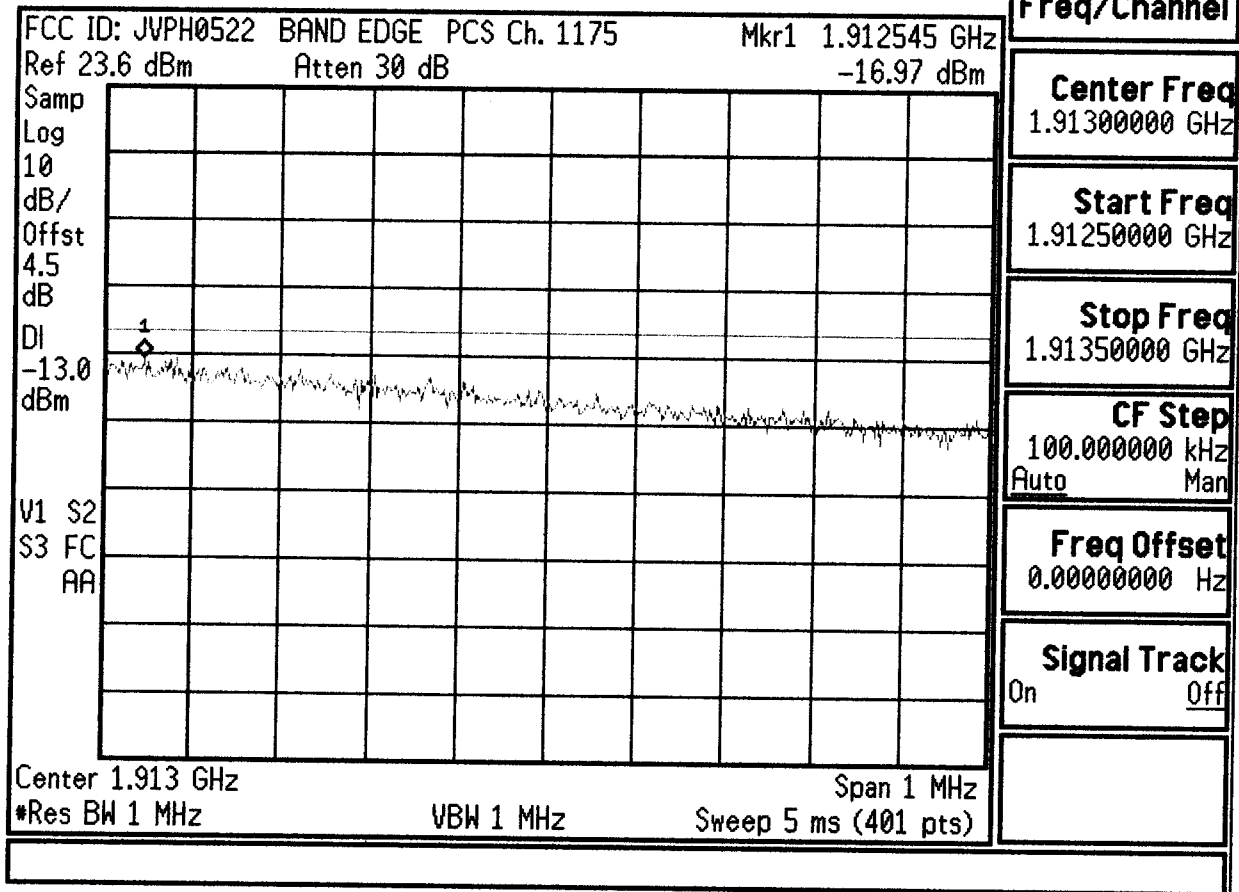
**Stop Freq**  
1.84450000 GHz

**CF Step**  
100.000000 kHz  
Auto Man

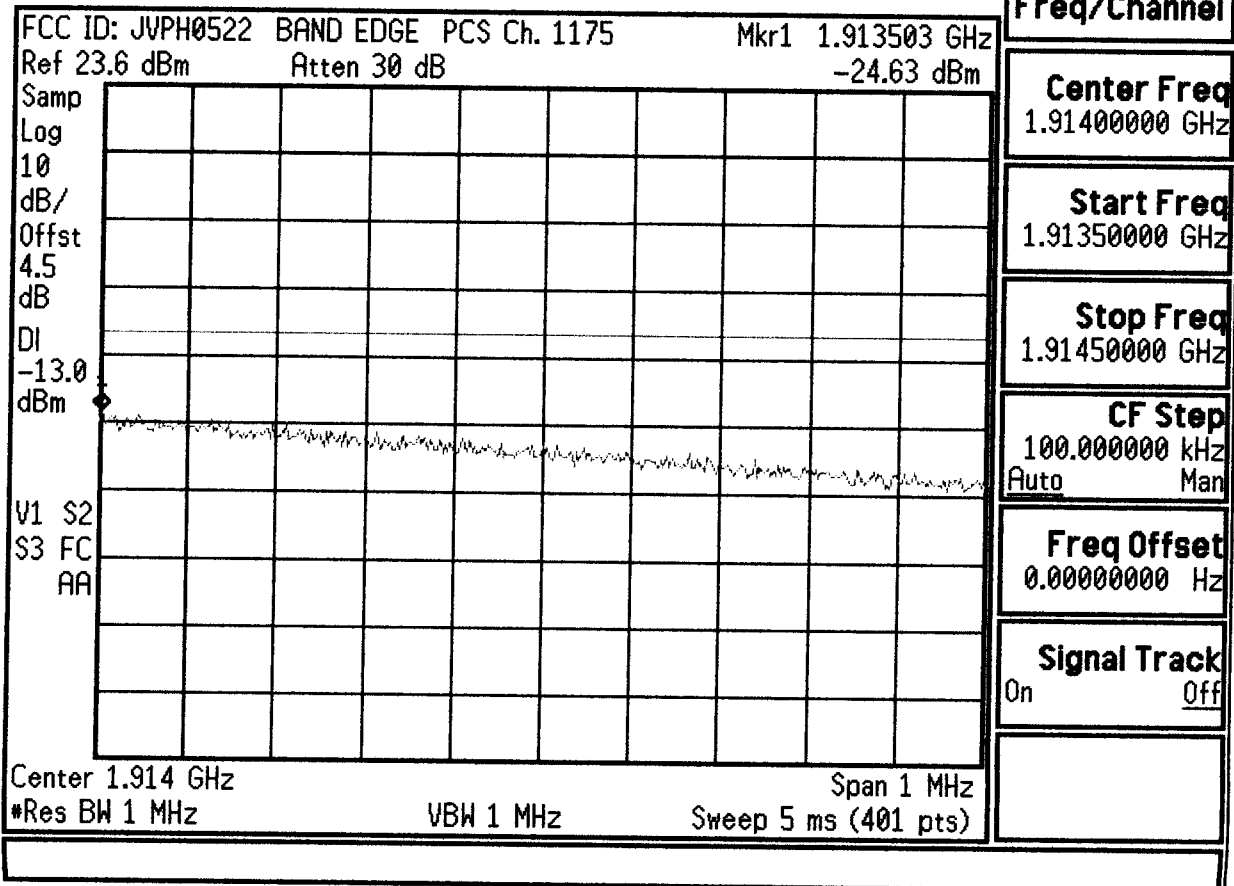
**Freq Offset**  
0.00000000 Hz

**Signal Track**  
On Off

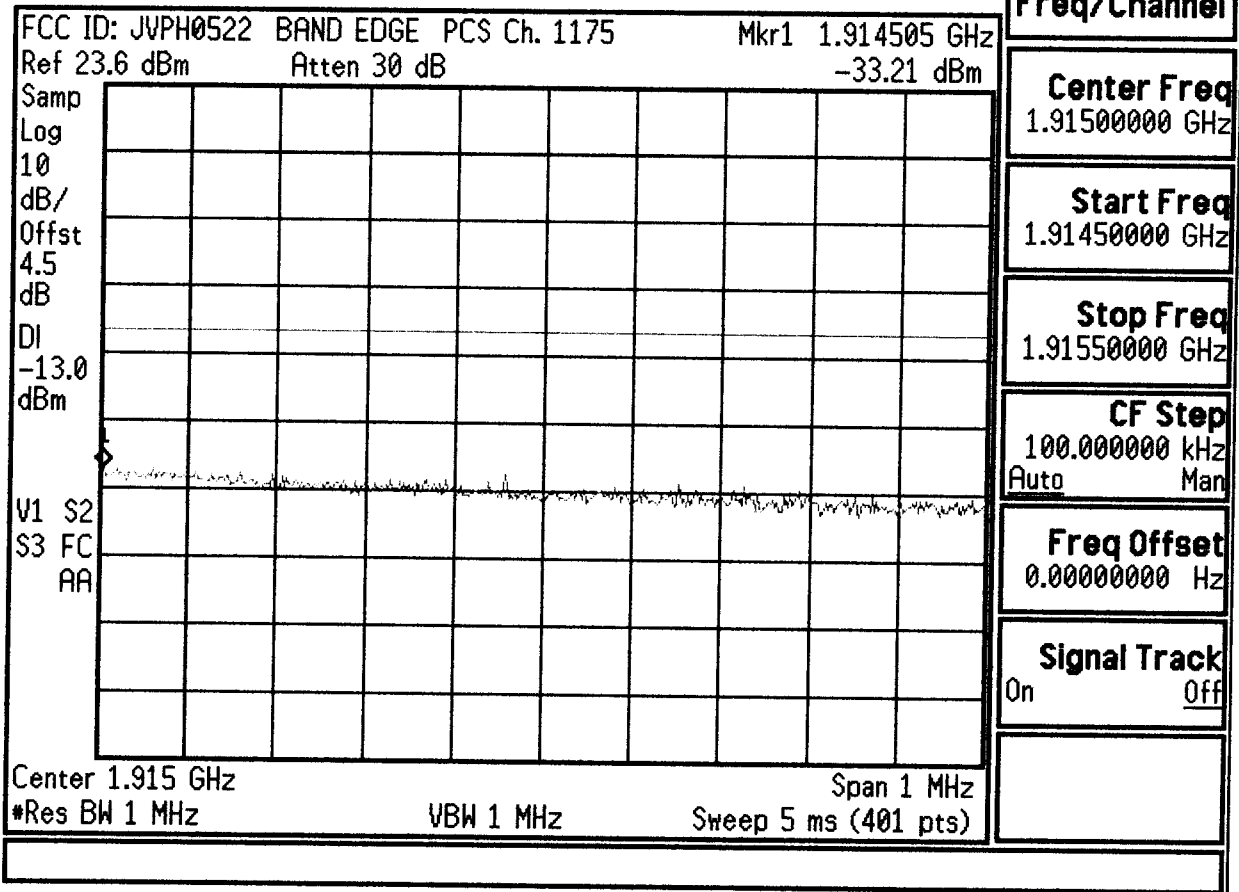
\* Agilent 06:45:40 Jul 20, 2001



\* Agilent 06:46:29 Jul 20, 2001



Agilent 06:47:21 Jul 20, 2001



Agilent 06:48:39 Jul 20, 2001

