

# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM515

LG Electronics

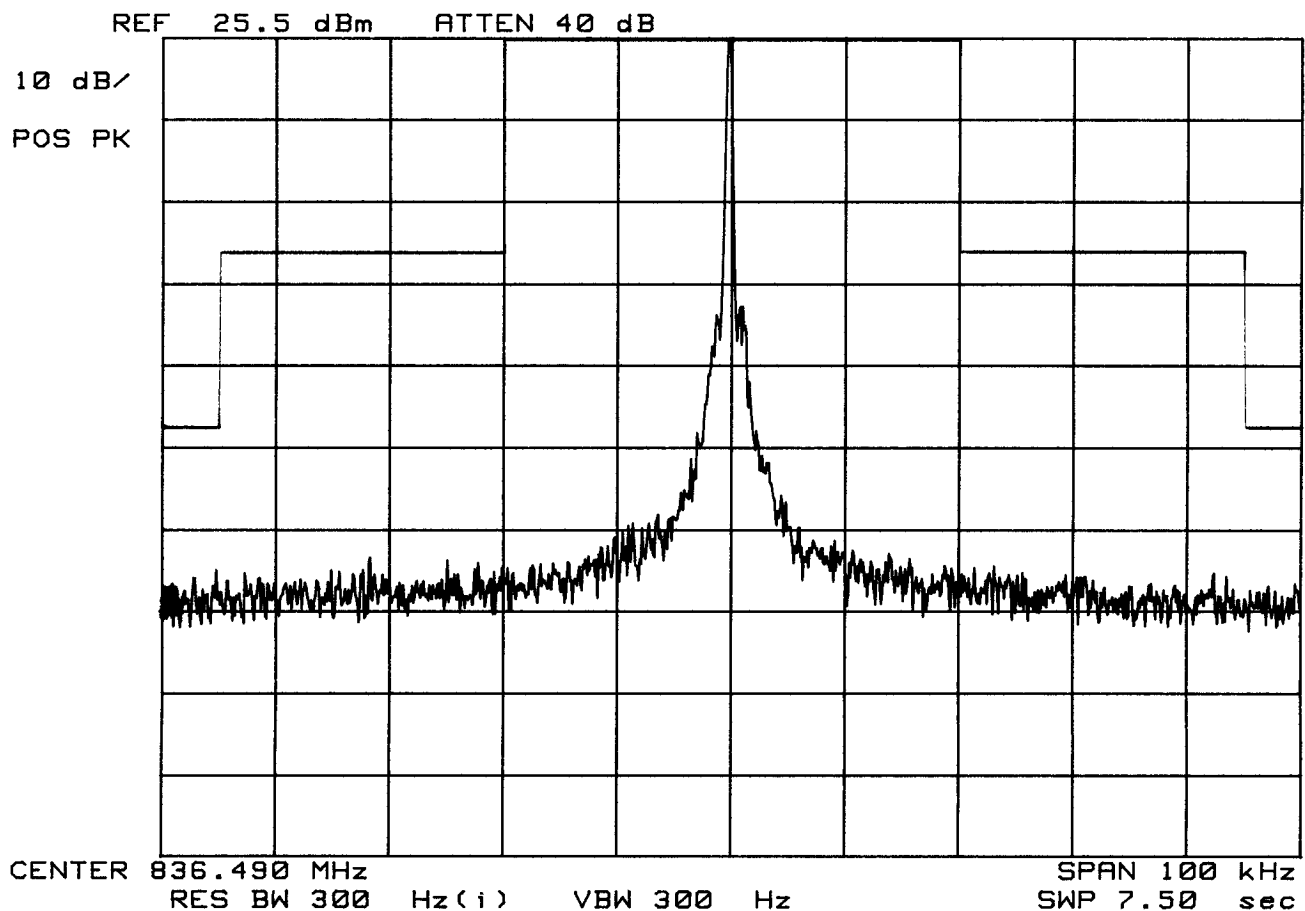
Dual Mode Phone

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:BEJDM515

LG Electronics

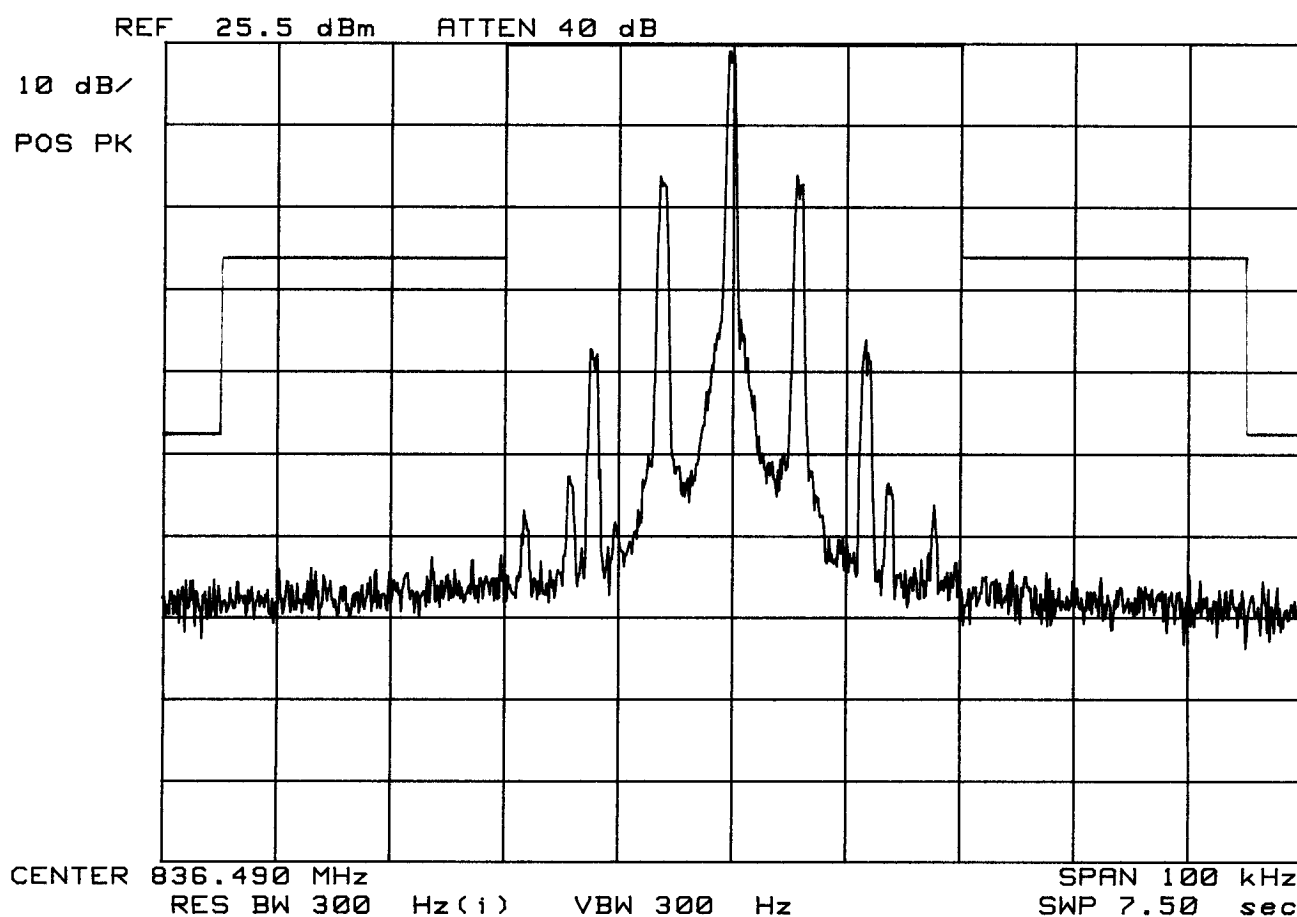
Dual Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:SAT



# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM515

LG Electronics

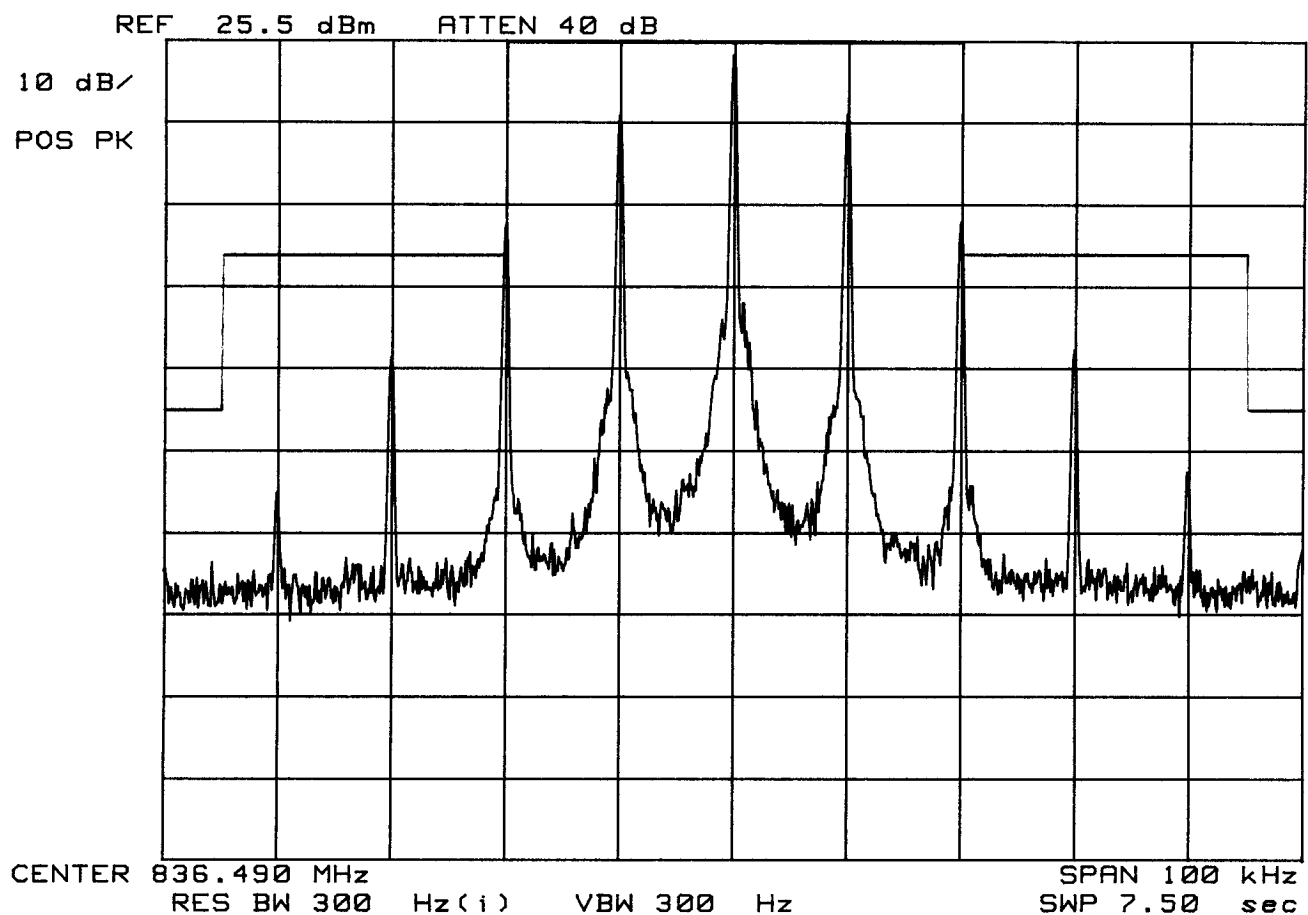
Dual Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:ST



# PCTEST Engineering Lab.

## SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM515

LG Electronics

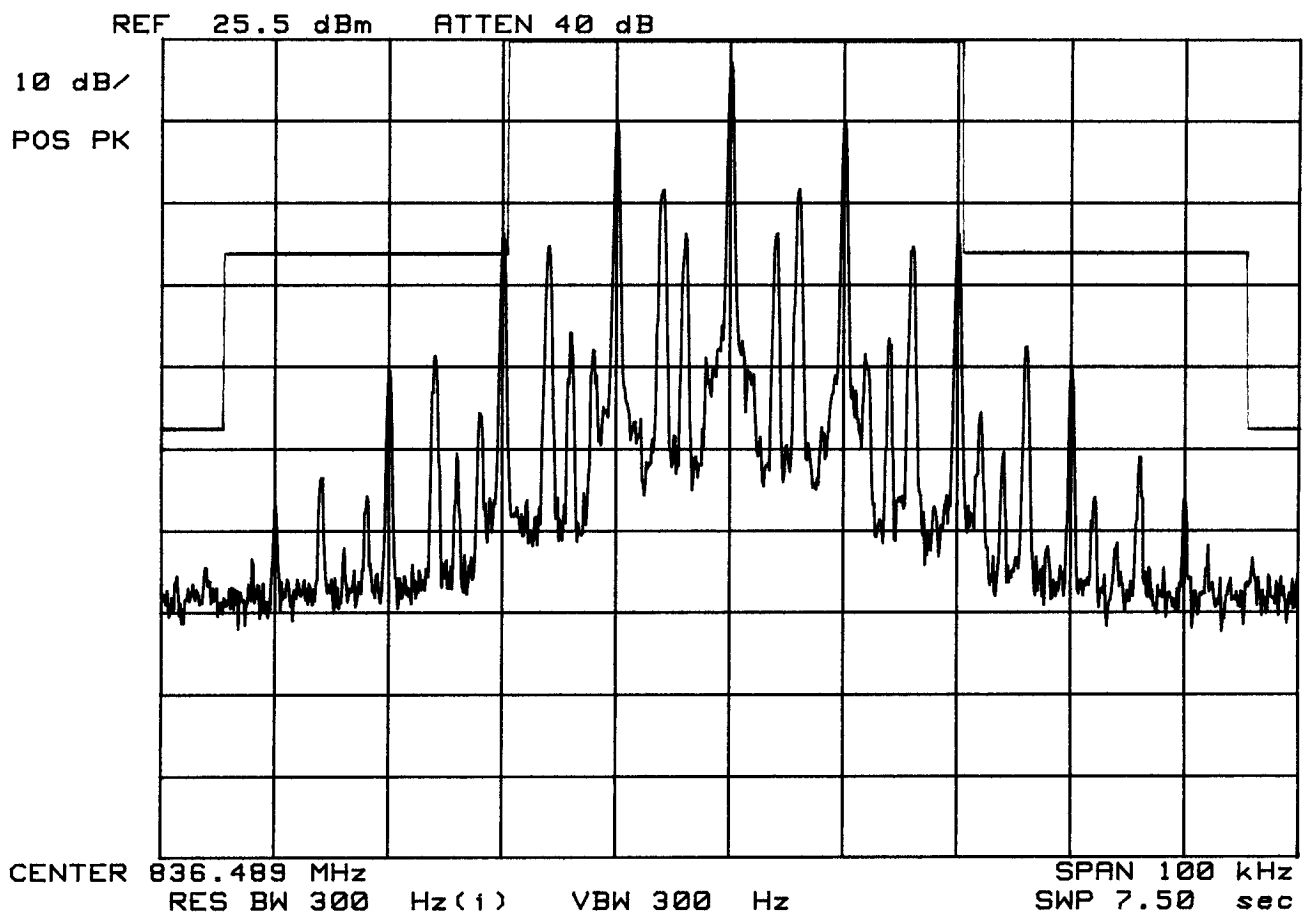
Dual Mode Phone

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:BEJDM515

LG Electronics

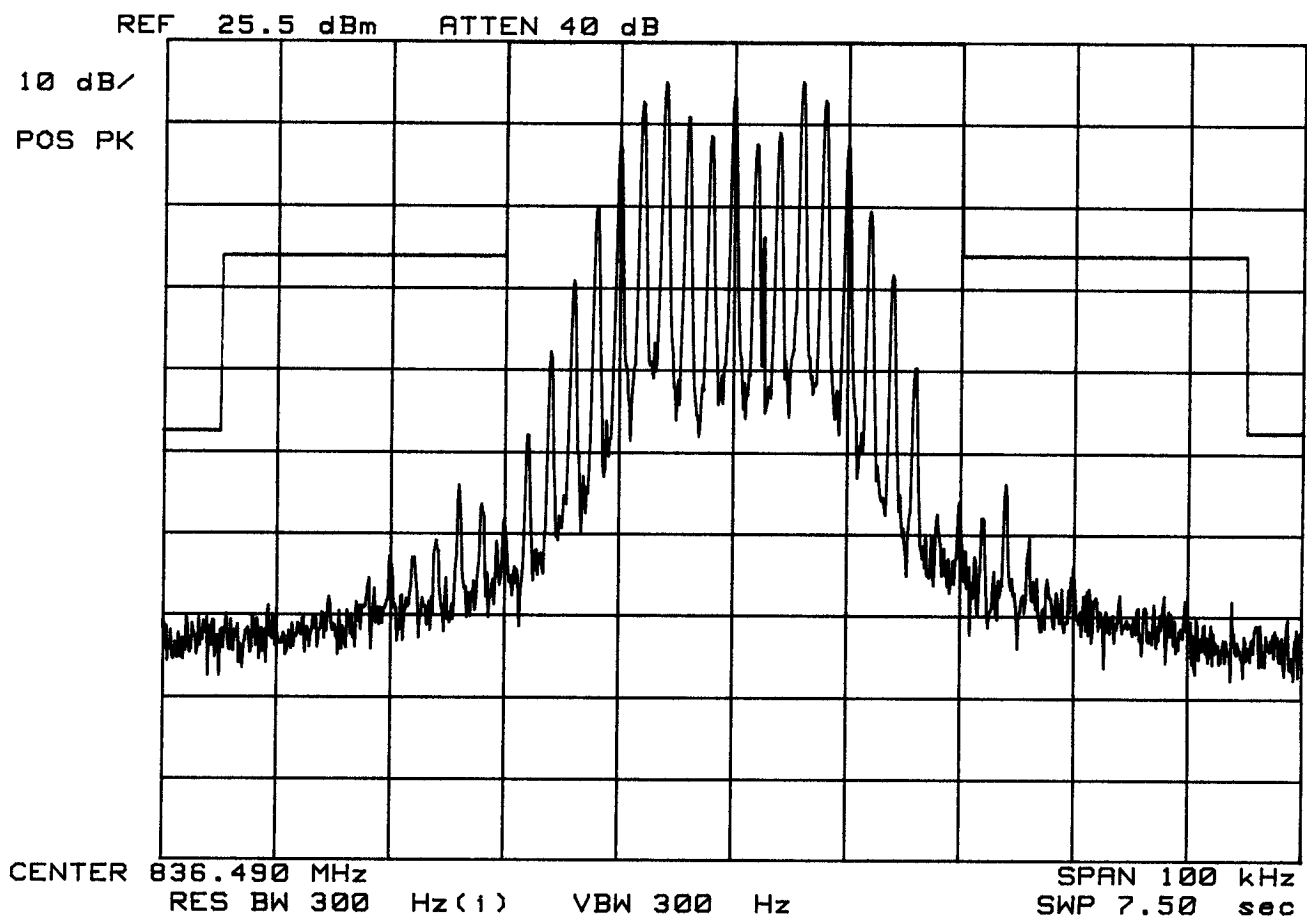
Dual Mode Phone

FM Channel 383

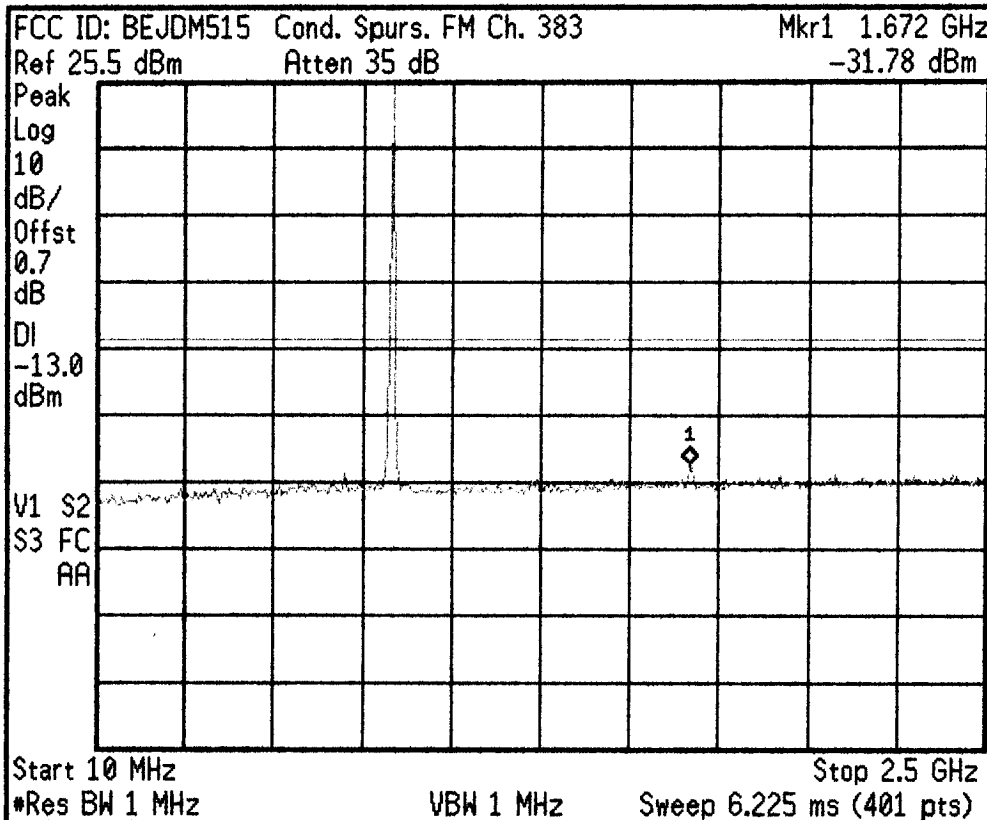
Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:Voice



\* Agilent 09:10:08 Feb 8, 2001



Freq/Channel

Center Freq  
 1.25500000 GHz

Start Freq  
 10.0000000 MHz

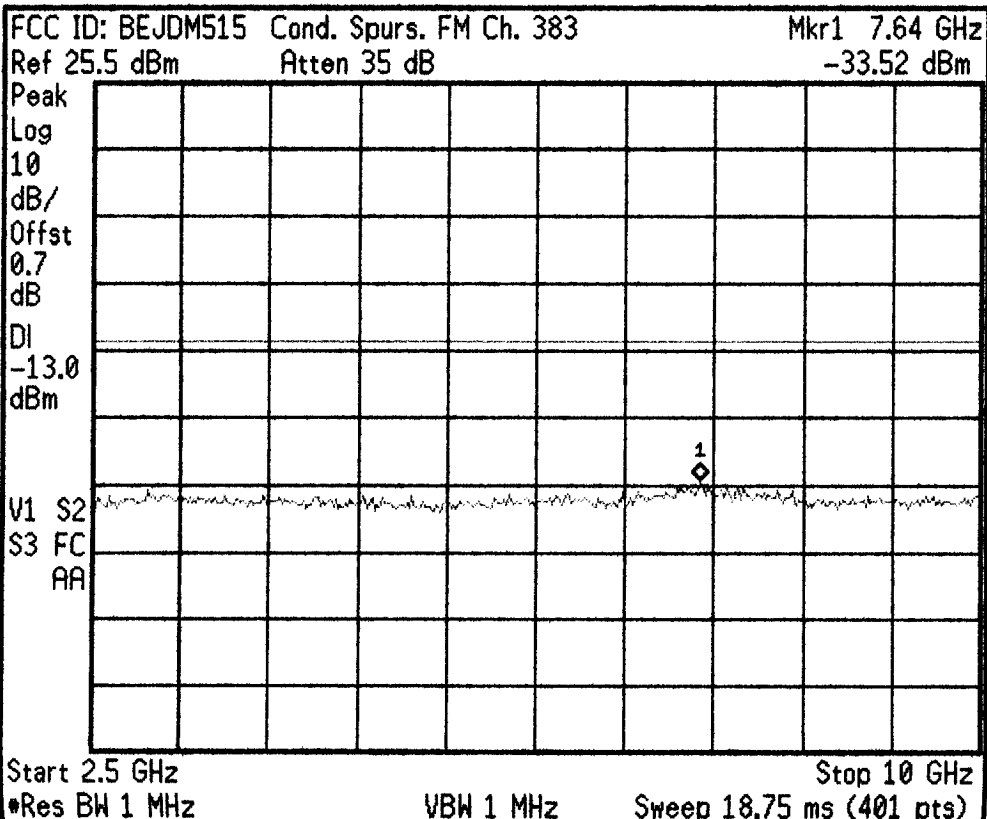
Stop Freq  
 2.50000000 GHz

CF Step  
 249.000000 MHz  
 Auto Man

Freq Offset  
 0.00000000 Hz

Signal Track  
 On Off

\* Agilent 09:10:47 Feb 8, 2001



Freq/Channel

Center Freq  
 6.25000000 GHz

Start Freq  
 2.50000000 GHz

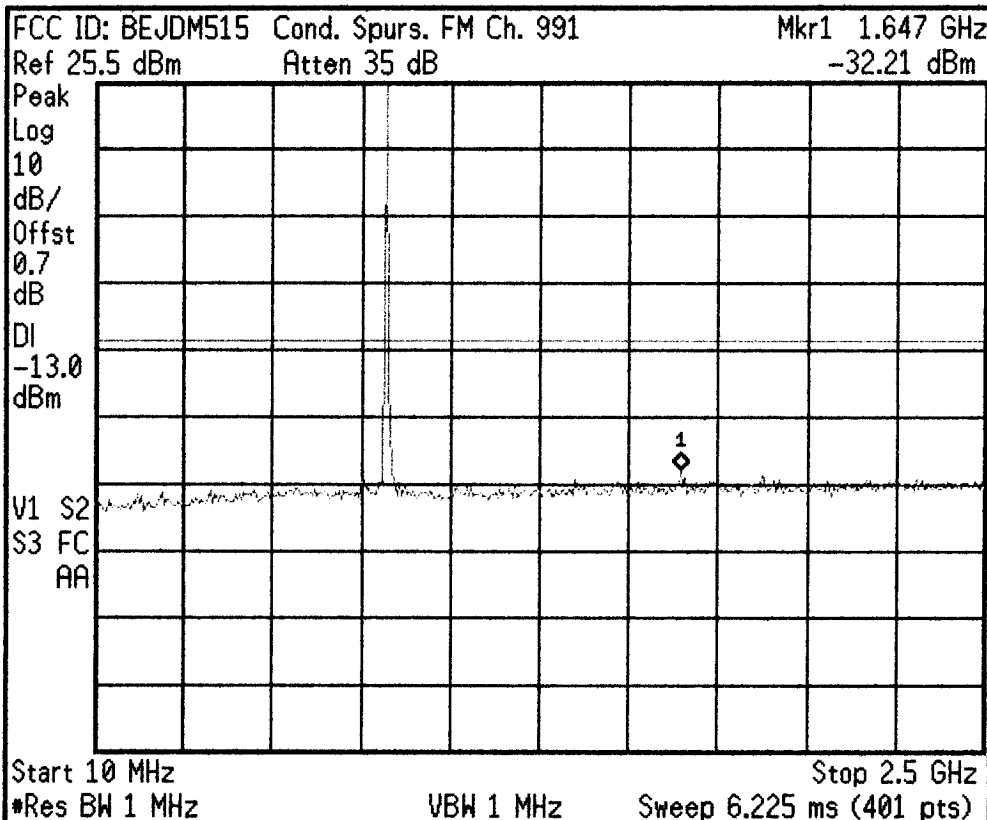
Stop Freq  
 10.0000000 GHz

CF Step  
 750.000000 MHz  
 Auto Man

Freq Offset  
 0.00000000 Hz

Signal Track  
 On Off

\* Agilent 09:06:46 Feb 8, 2001



Freq/Channel

Center Freq  
 1.25500000 GHz

Start Freq  
 10.0000000 MHz

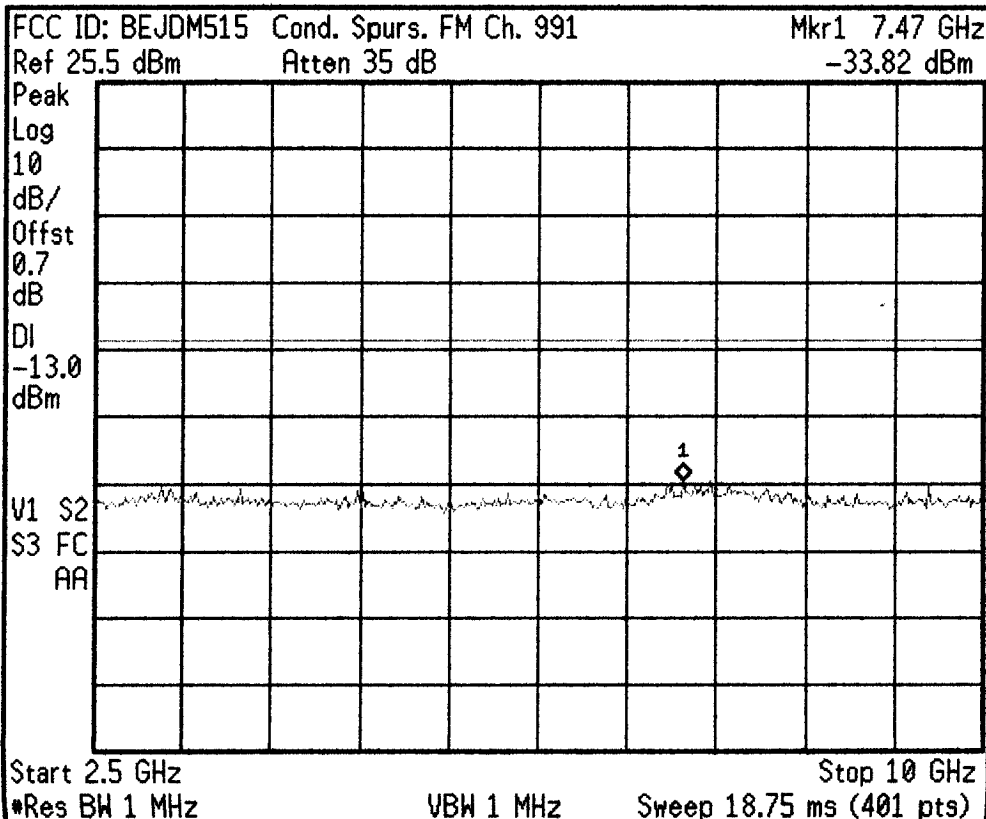
Stop Freq  
 2.50000000 GHz

CF Step  
 249.000000 MHz  
 Auto Man

Freq Offset  
 0.00000000 Hz

Signal Track  
 On Off

\* Agilent 09:07:39 Feb 8, 2001



Freq/Channel

Center Freq  
 6.25000000 GHz

Start Freq  
 2.50000000 GHz

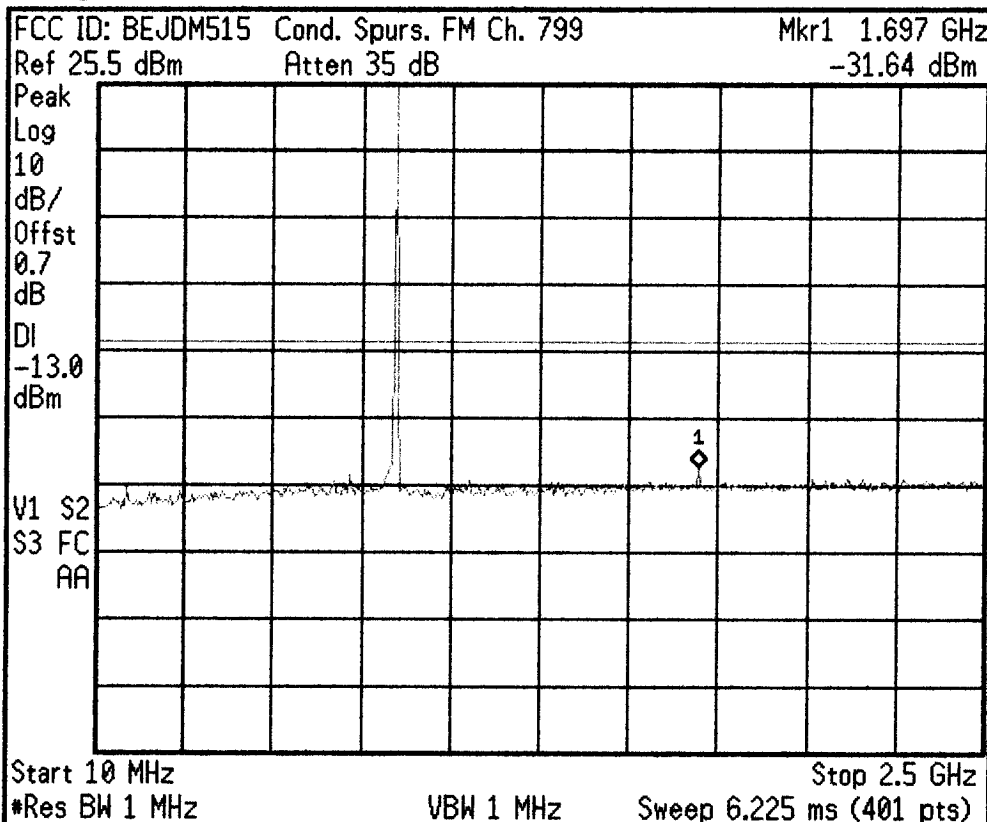
Stop Freq  
 10.0000000 GHz

CF Step  
 750.000000 MHz  
 Auto Man

Freq Offset  
 0.00000000 Hz

Signal Track  
 On Off

\* Agilent 09:14:24 Feb 8, 2001



Freq/Channel

Center Freq  
 1.25500000 GHz

Start Freq  
 10.0000000 MHz

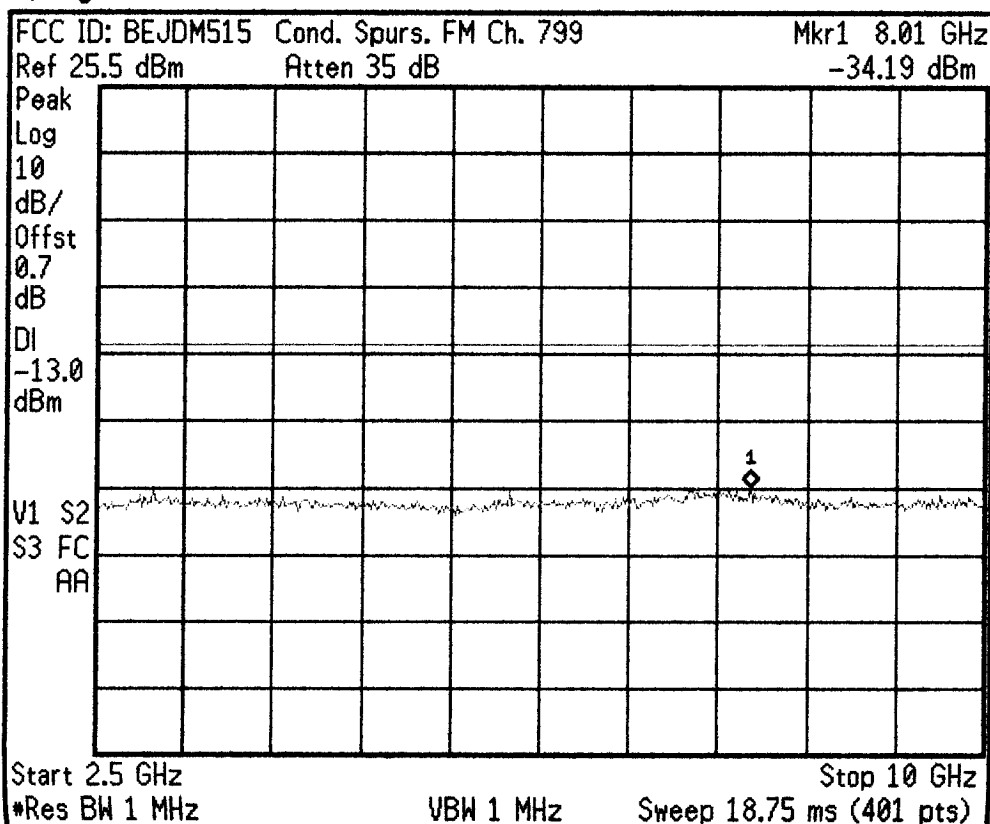
Stop Freq  
 2.50000000 GHz

CF Step  
 249.000000 MHz  
 Auto Man

Freq Offset  
 0.00000000 Hz

Signal Track  
 On Off

\* Agilent 09:15:10 Feb 8, 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

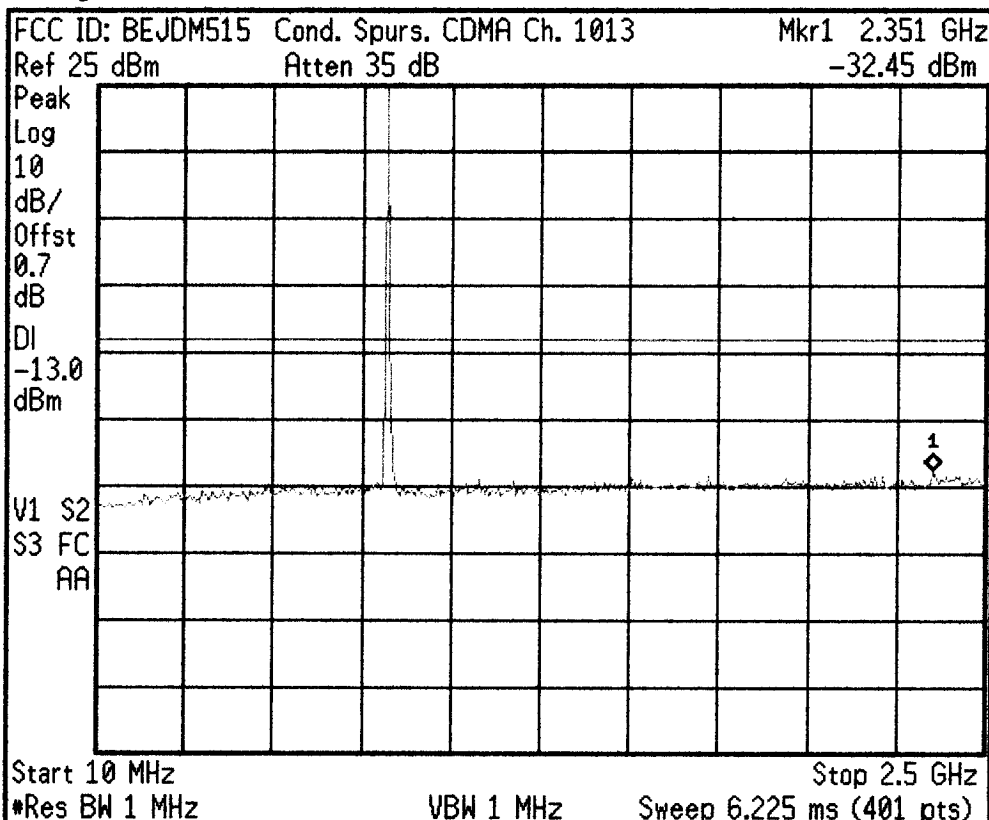
Freq Offset  
 0.00000000 Hz

Signal Track  
 On Off

[illegible]

|                 |                |
|-----------------|----------------|
| START 200.0 MHz | STOP 500.0 MHz |
| #RES BW 100 KHZ | #VBW 300 KHZ   |
|                 | SWP 90 msec    |

\* Agilent 09:19:06 Feb 8, 2001



Freq/Channel

Center Freq  
 1.25500000 GHz

Start Freq  
 10.0000000 MHz

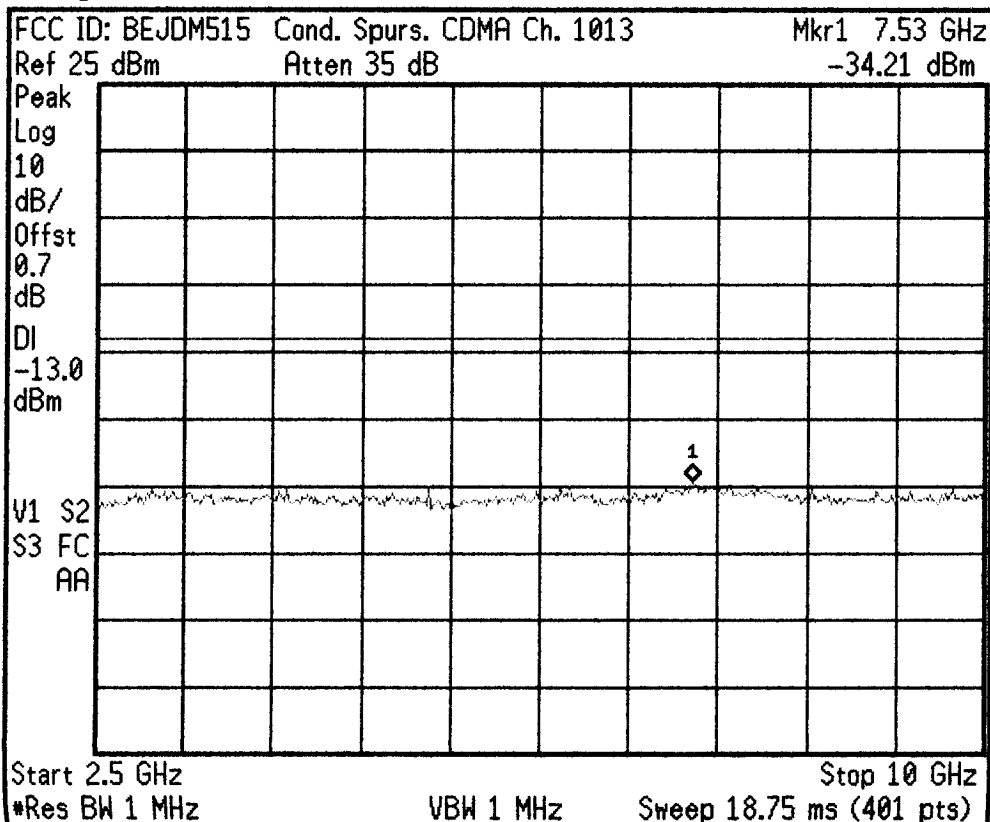
Stop Freq  
 2.50000000 GHz

CF Step  
 249.000000 MHz  
 Auto Man

Freq Offset  
 0.00000000 Hz

Signal Track  
 On Off

\* Agilent 09:20:02 Feb 8, 2001



Freq/Channel

Center Freq  
 6.25000000 GHz

Start Freq  
 2.50000000 GHz

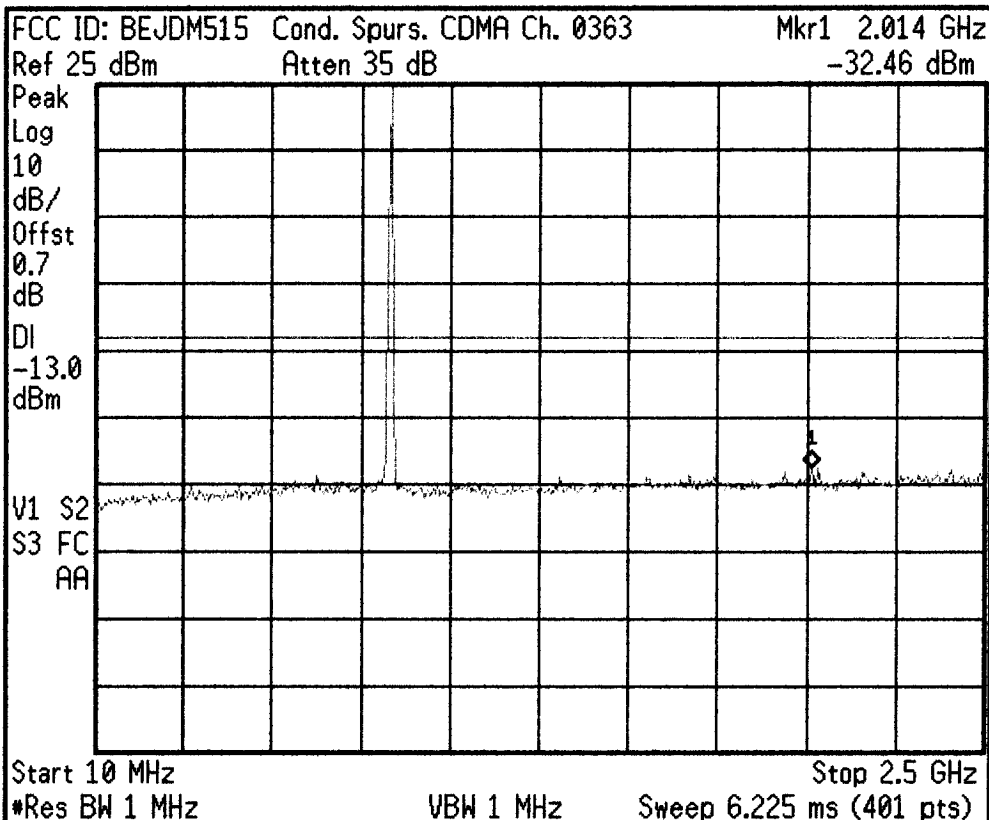
Stop Freq  
 10.0000000 GHz

CF Step  
 750.000000 MHz  
 Auto Man

Freq Offset  
 0.00000000 Hz

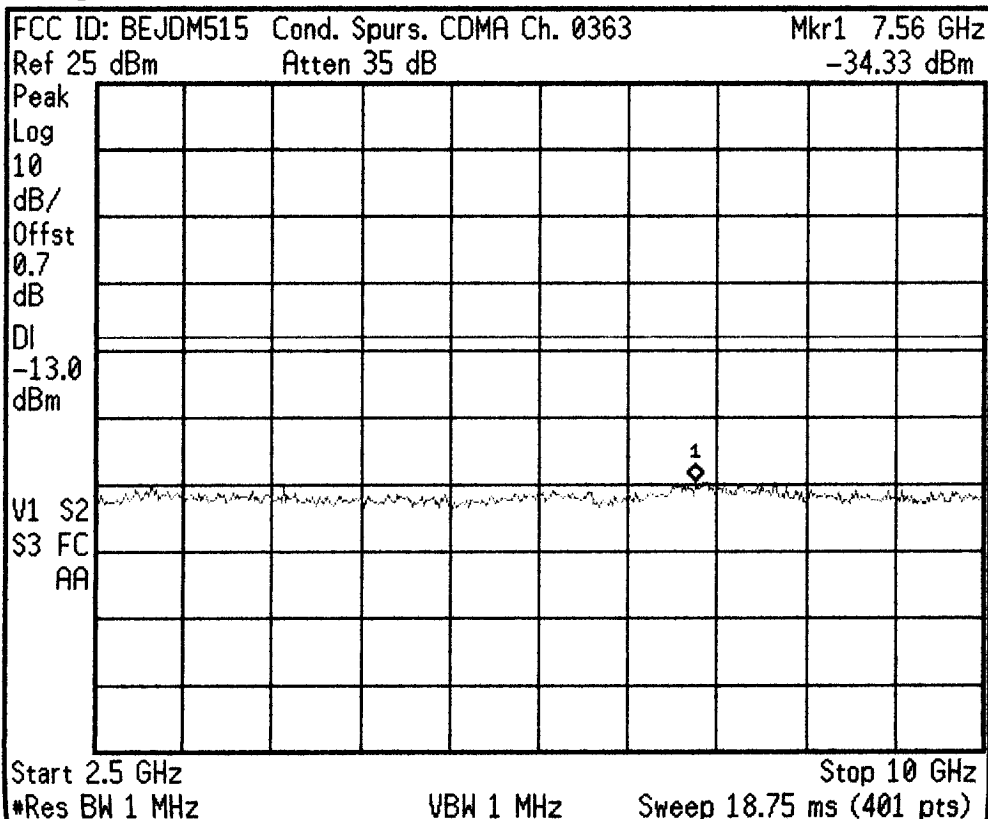
Signal Track  
 On Off

\* Agilent 09:25:06 Feb 8, 2001



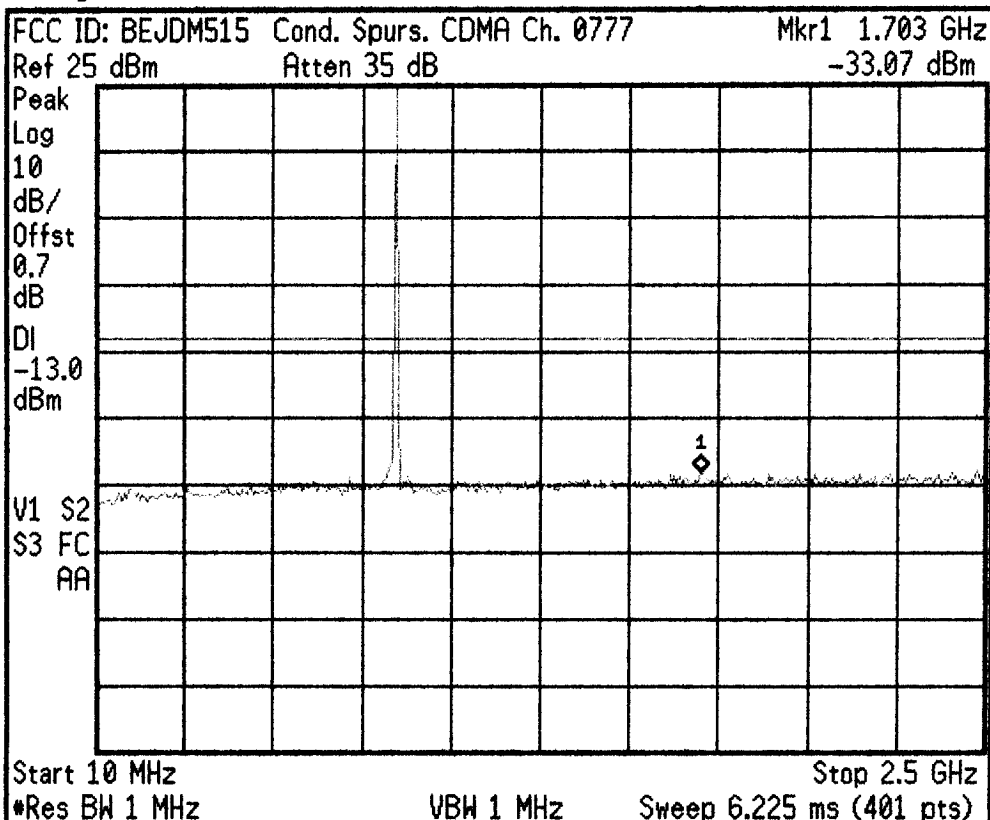
|                                              |
|----------------------------------------------|
| <b>Freq/Channel</b>                          |
| <b>Center Freq</b><br>1.25500000 GHz         |
| <b>Start Freq</b><br>10.0000000 MHz          |
| <b>Stop Freq</b><br>2.50000000 GHz           |
| <b>CF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

\* Agilent 09:25:41 Feb 8, 2001



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

\* Agilent 09:31:44 Feb 8, 2001



Freq/Channel

Center Freq  
 1.25500000 GHz

Start Freq  
 10.0000000 MHz

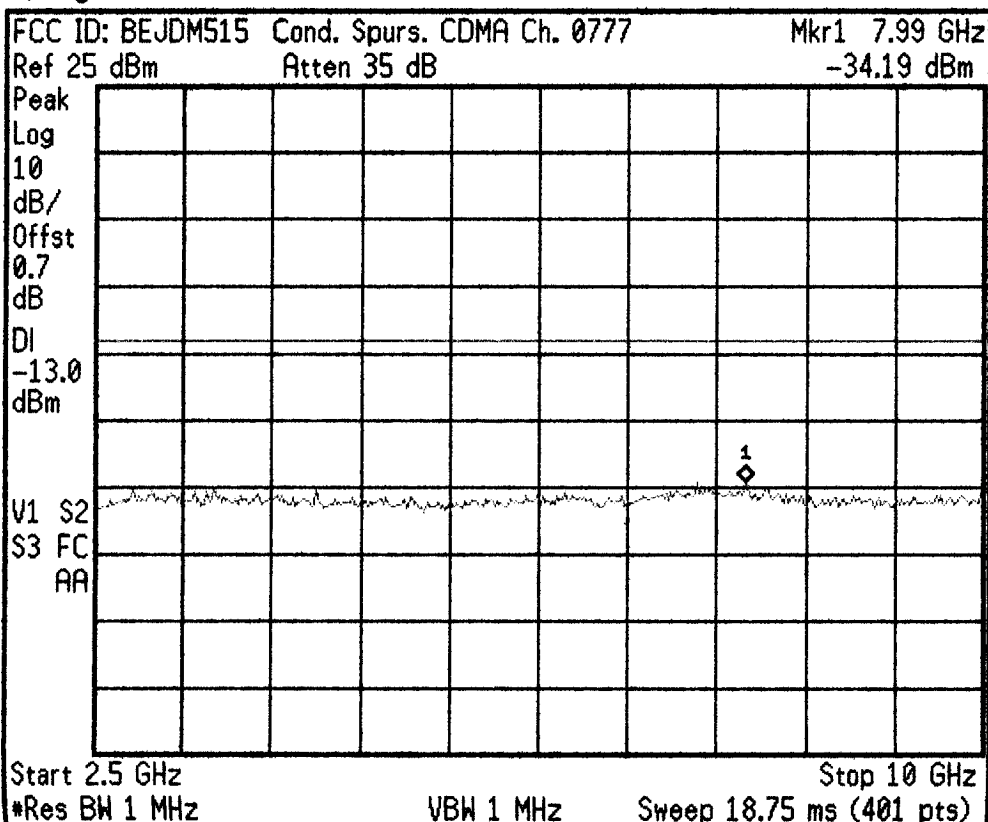
Stop Freq  
 2.50000000 GHz

CF Step  
 249.000000 MHz  
 Auto Man

Freq Offset  
 0.00000000 Hz

Signal Track  
 On Off

\* Agilent 09:32:33 Feb 8, 2001



Freq/Channel

Center Freq  
 6.25000000 GHz

Start Freq  
 2.50000000 GHz

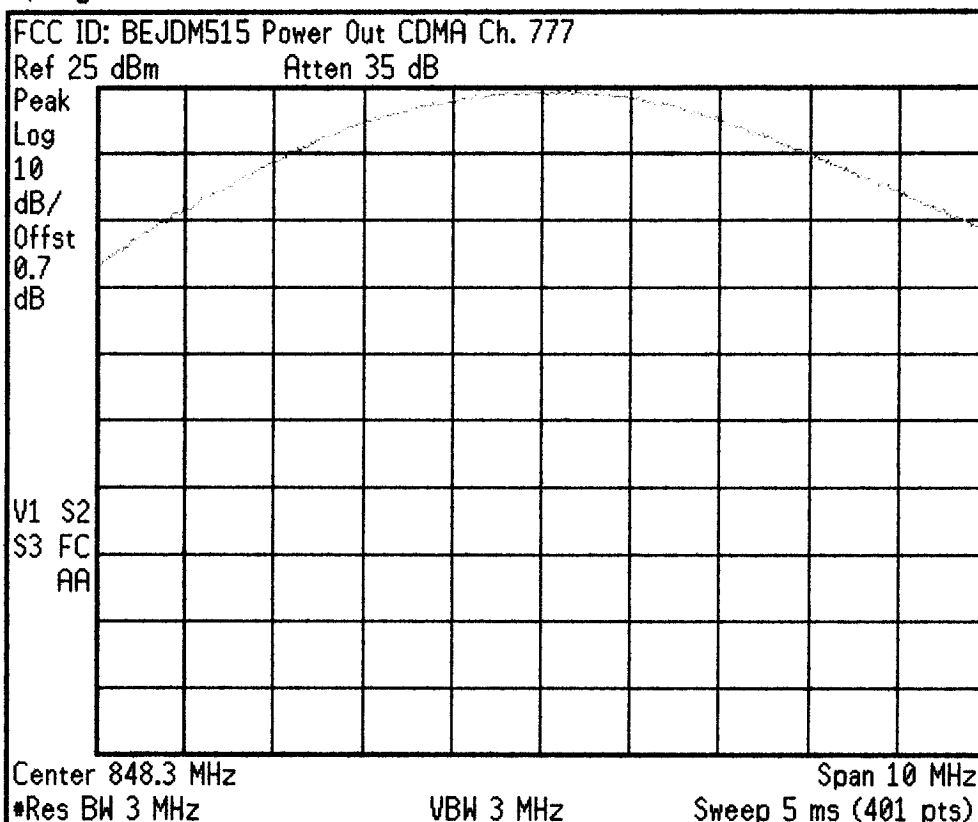
Stop Freq  
 10.0000000 GHz

CF Step  
 750.000000 MHz  
 Auto Man

Freq Offset  
 0.00000000 Hz

Signal Track  
 On Off

\* Agilent 09:37:26 Feb 8, 2001



Freq/Channel

Center Freq  
 848.300000 MHz

Start Freq  
 843.300000 MHz

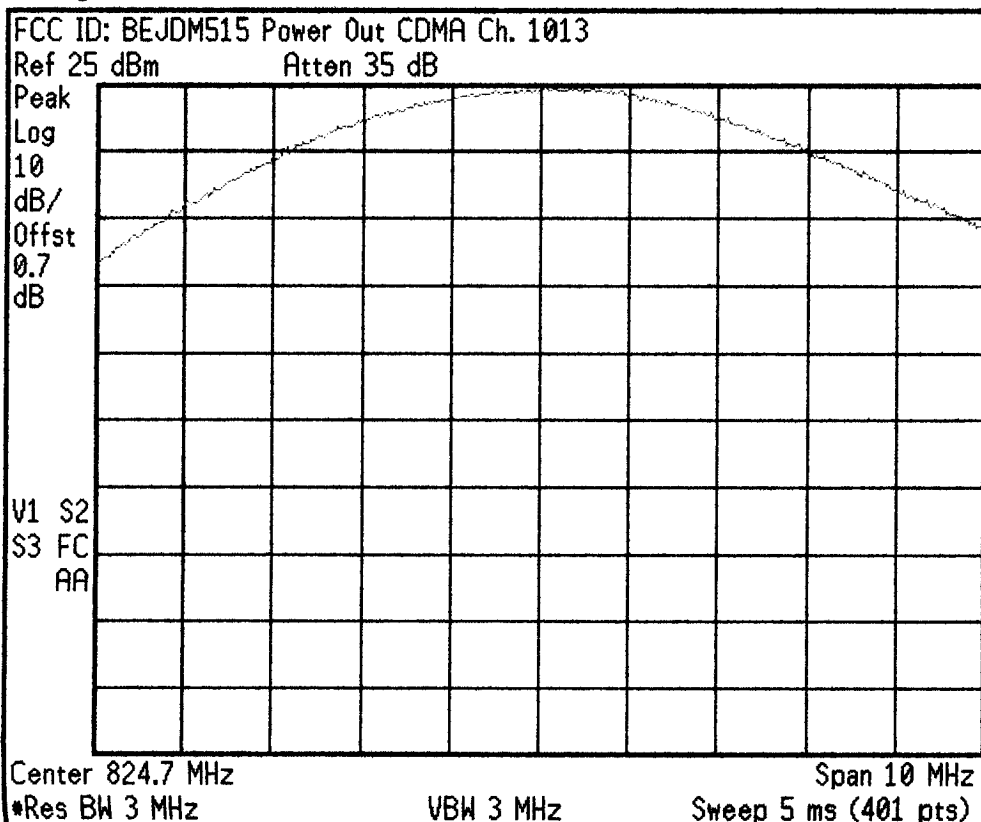
Stop Freq  
 853.300000 MHz

CF Step  
 1.00000000 MHz  
 Auto Man

Freq Offset  
 0.00000000 Hz

Signal Track  
 On Off

\* Agilent 09:39:13 Feb 8, 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 09:41:26 Feb 8, 2001

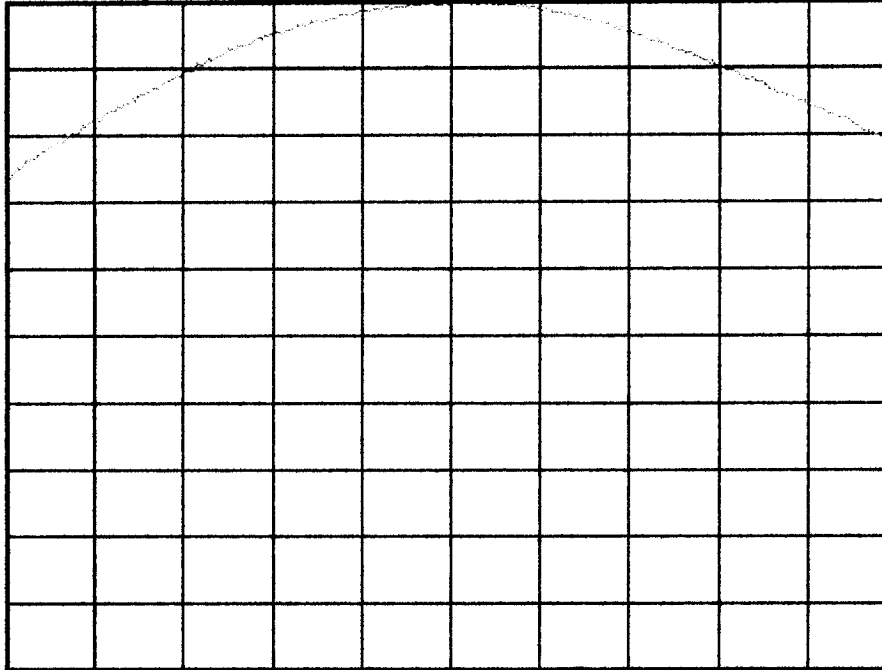
FCC ID: BEJDM515 Power Out CDMA Ch. 0363

Ref 25 dBm

Atten 35 dB

Peak  
Log  
10  
dB/  
Offst  
0.7  
dB

V1 S2  
S3 FC  
AA



Center 835.9 MHz

\*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz  
Sweep 5 ms (401 pts)

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

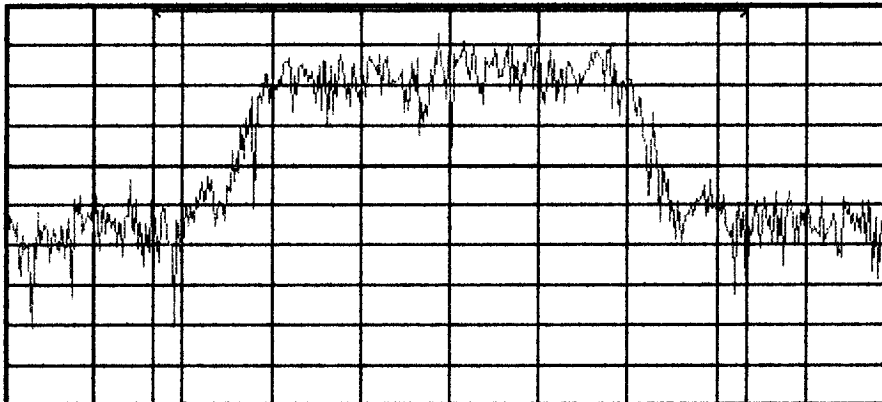
\* Agilent 09:44:36 Feb 8, 2001

FCC ID: BEJDM515 Power Out CDMA Ch. 0363

Ref 25 dBm

Atten 35 dB

Samp  
Log  
10  
dB/  
Offst  
0.7  
dB



Center 835.9 MHz

\*Res BW 30 kHz

\*VBW 300 kHz

Span 3 MHz  
Sweep 9.167 ms (401 pts)

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

25.00 dBm

Integration BW 2.000 MHz

Density -38.01 dBm/Hz