

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB520

LG Electronics

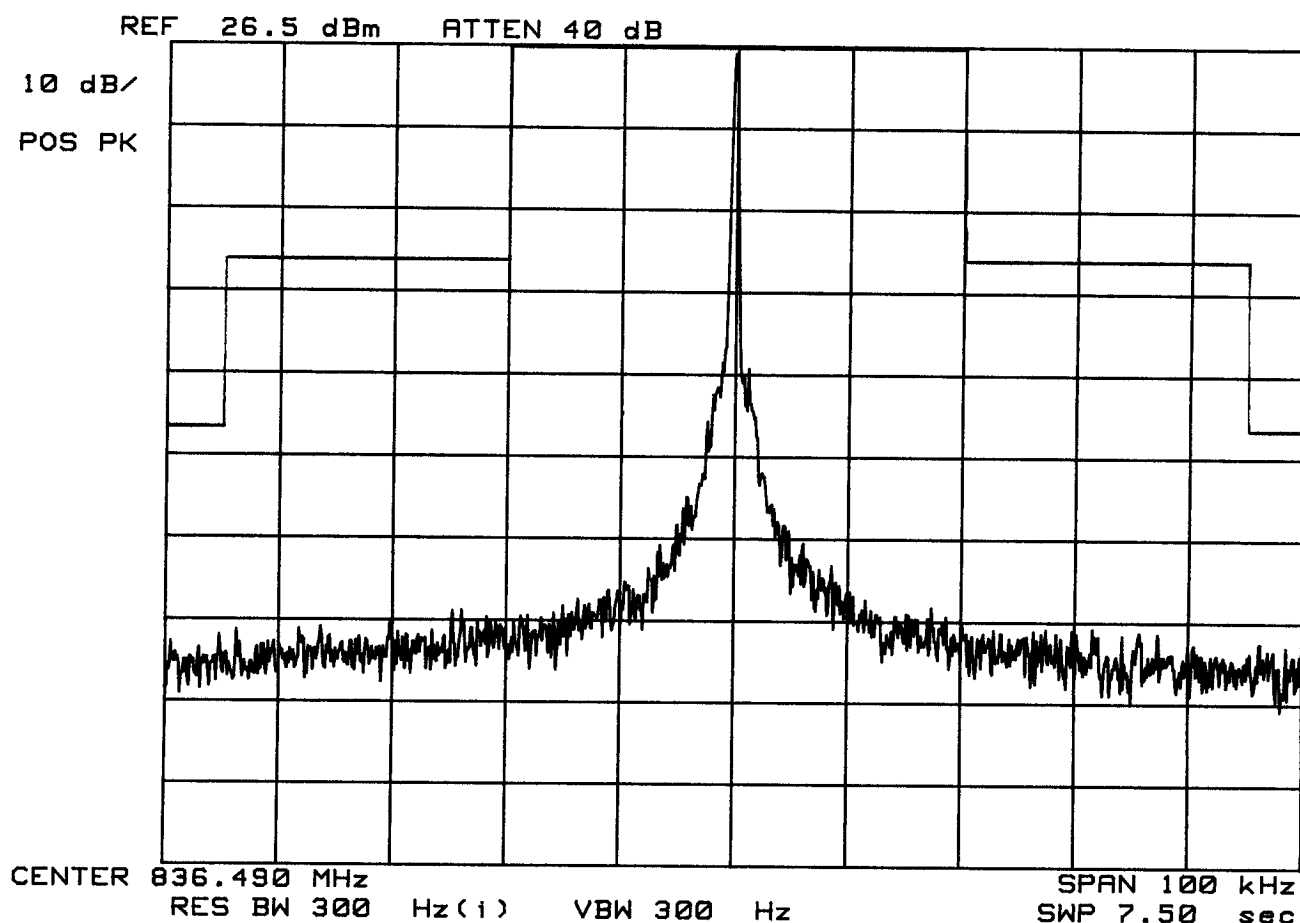
Dual Band Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.5 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB520

LG Electronics

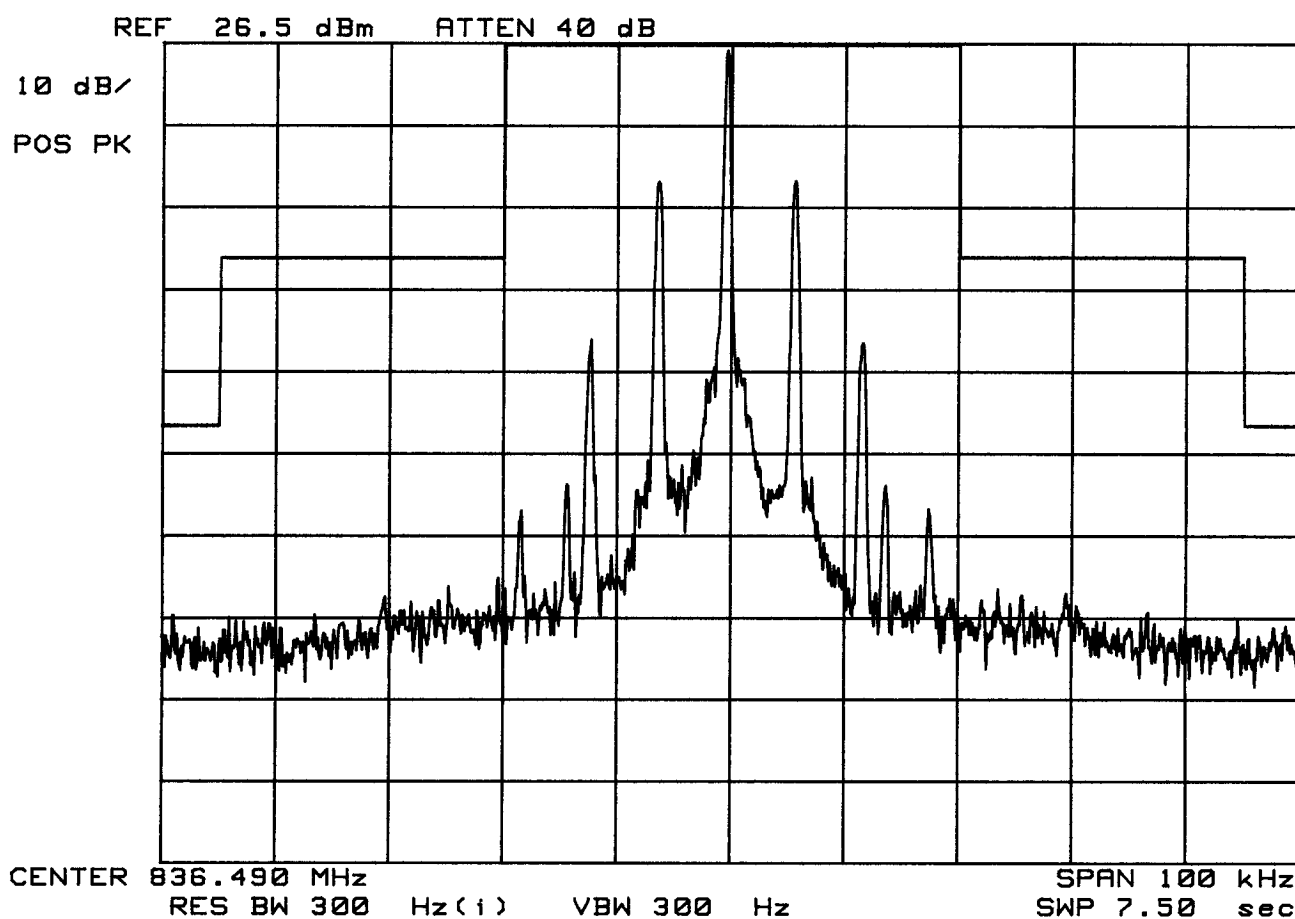
Dual Band Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.5 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB520

LG Electronics

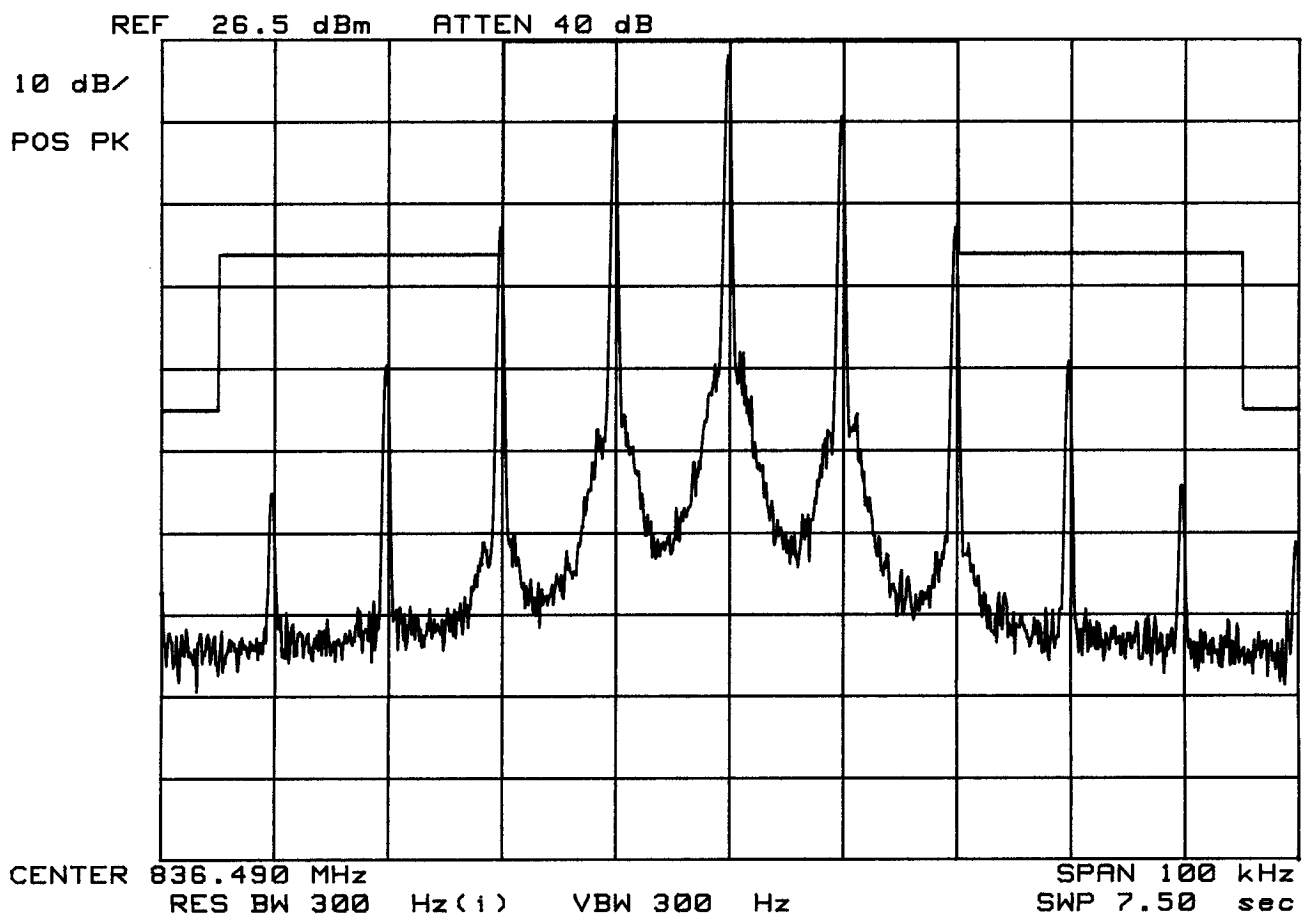
Dual Band Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.5 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB520

LG Electronics

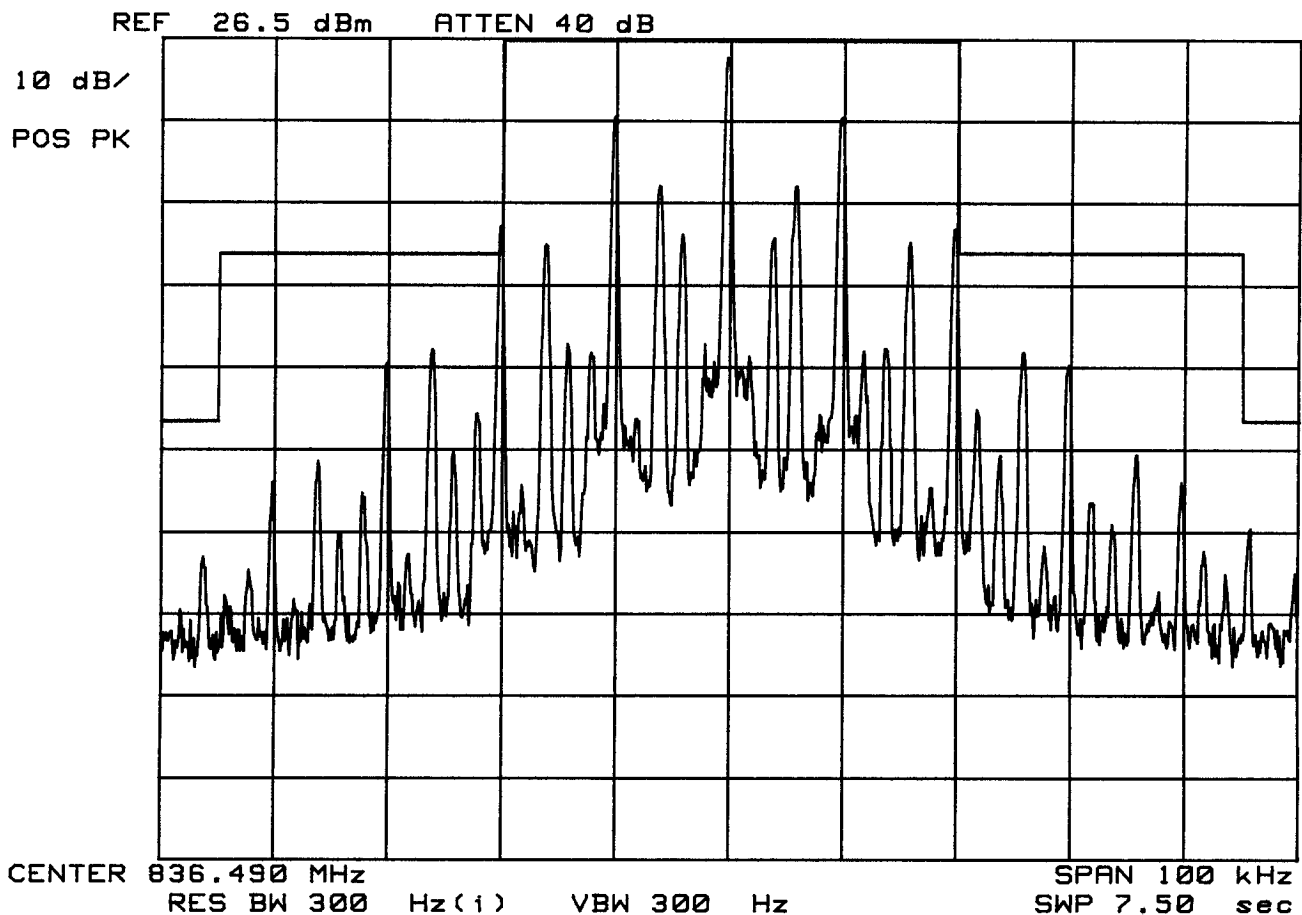
Dual Band Phone

FM Channel 0383

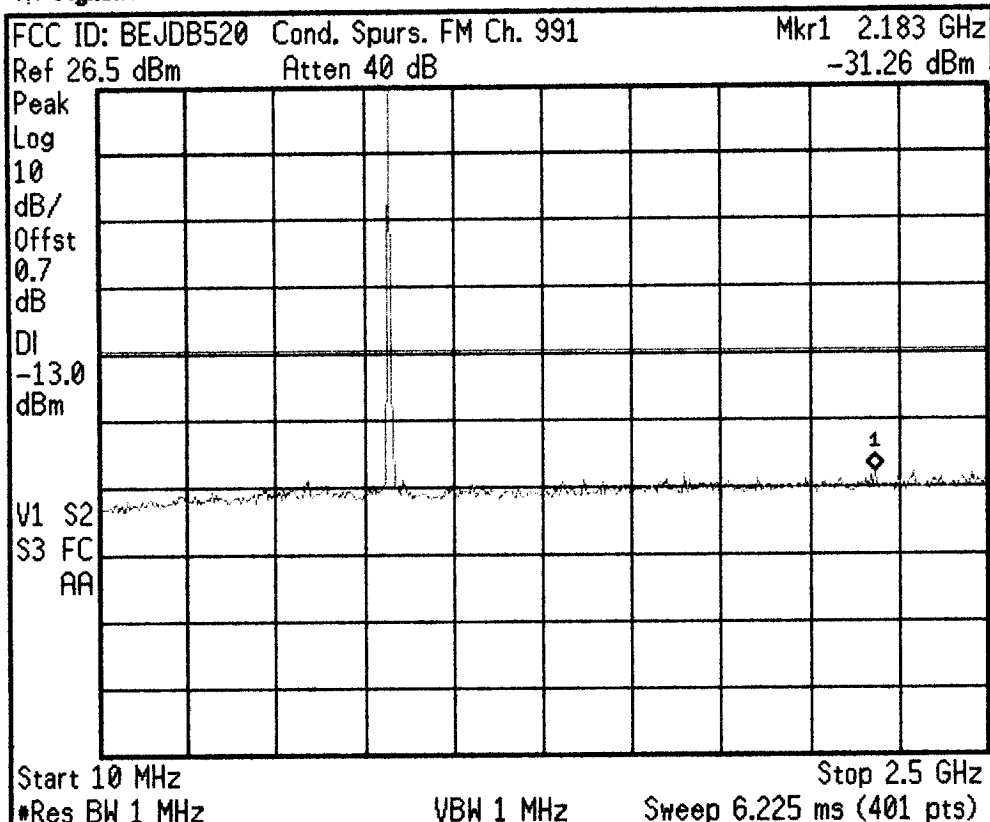
Operating Frequency: 836.490 MHz

Output Power : 26.5 dBm

Test Mode:SAT + ST



* Agilent 08:30:54 Feb 9, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

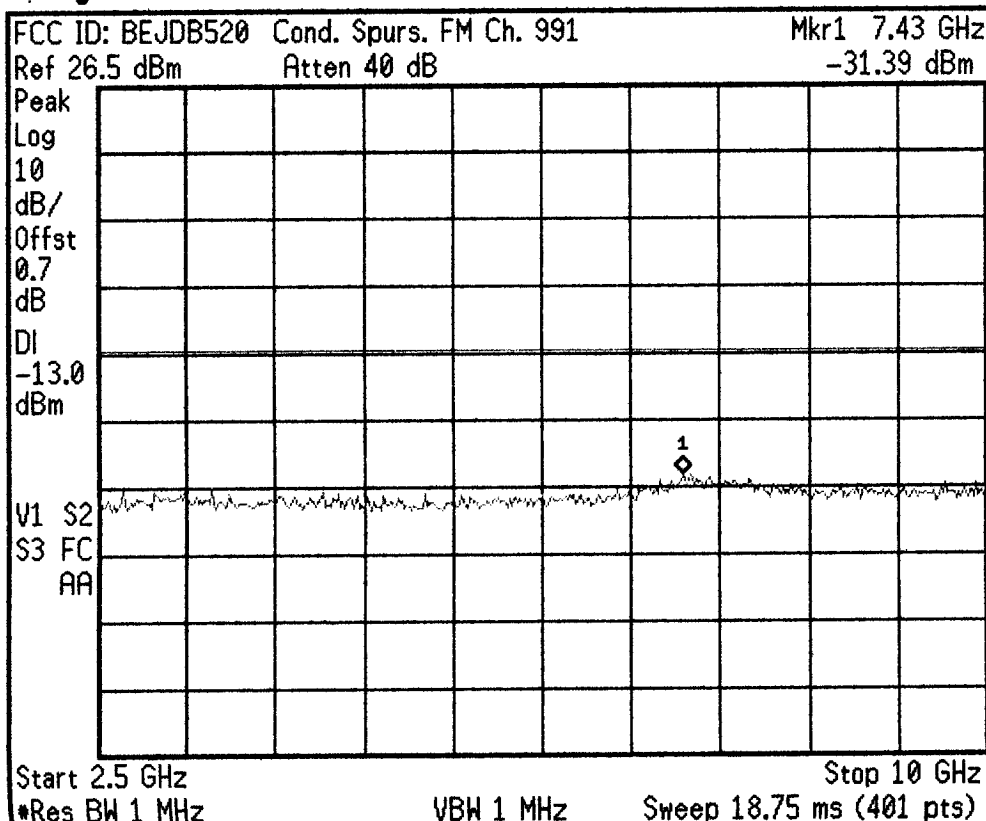
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 08:31:35 Feb 9, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

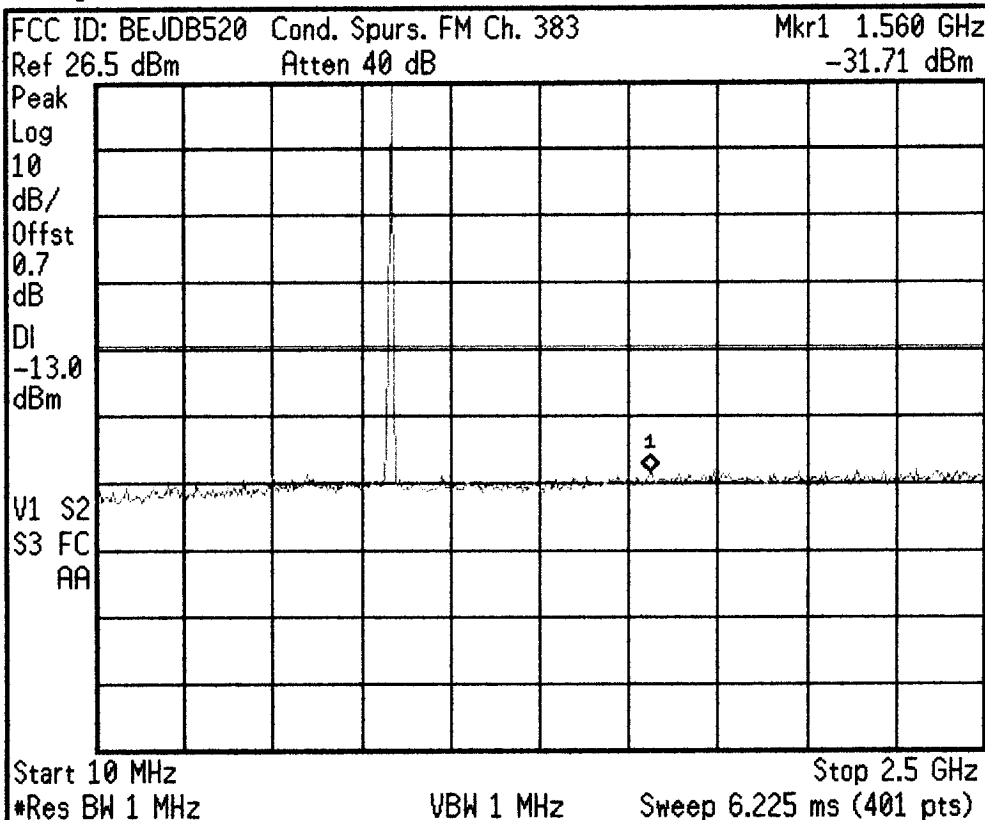
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 08:37:48 Feb 9, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

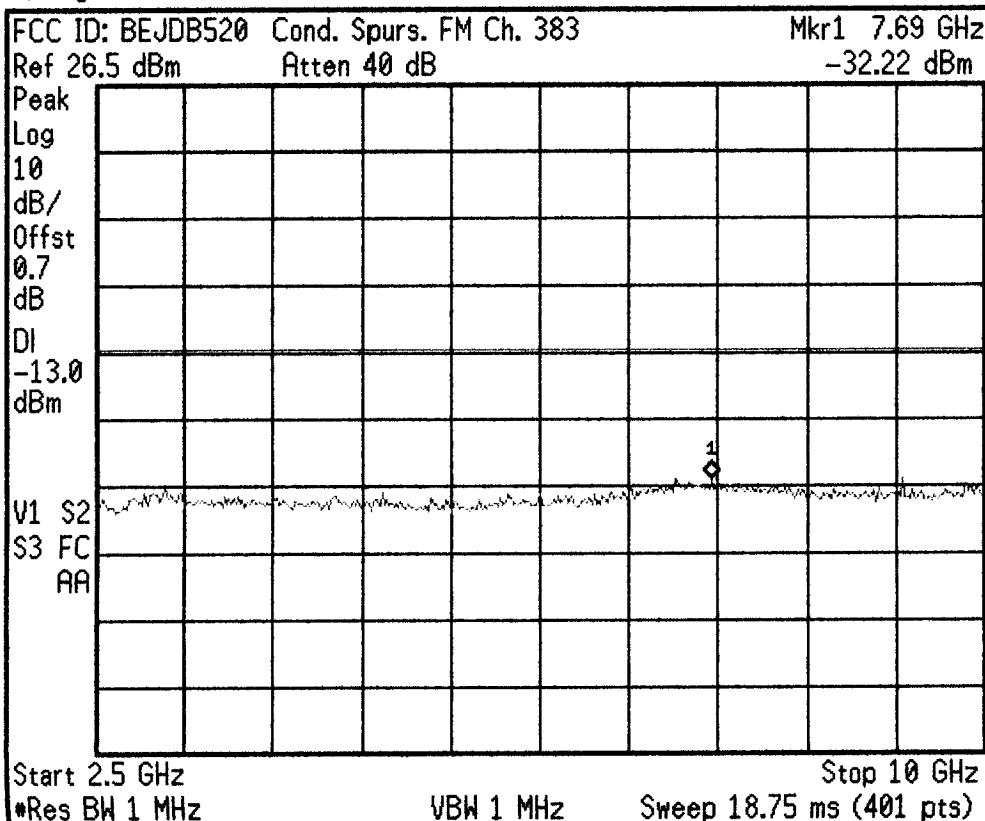
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 08:38:40 Feb 9, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

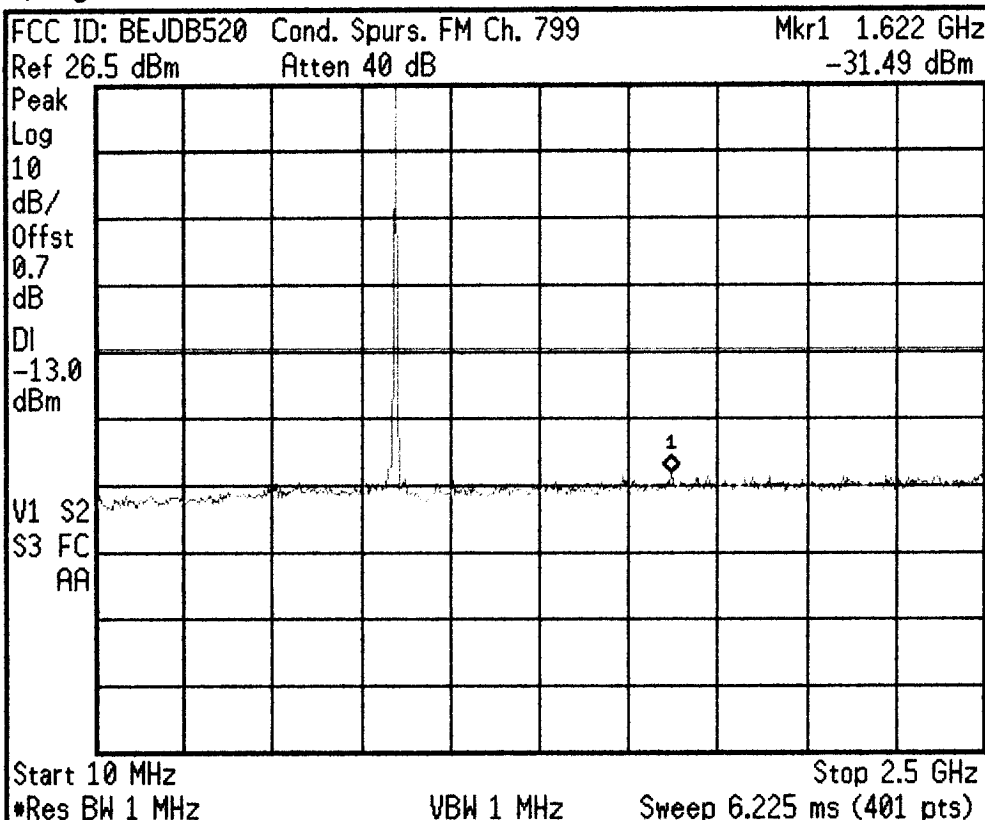
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 08:41:00 Feb 9, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

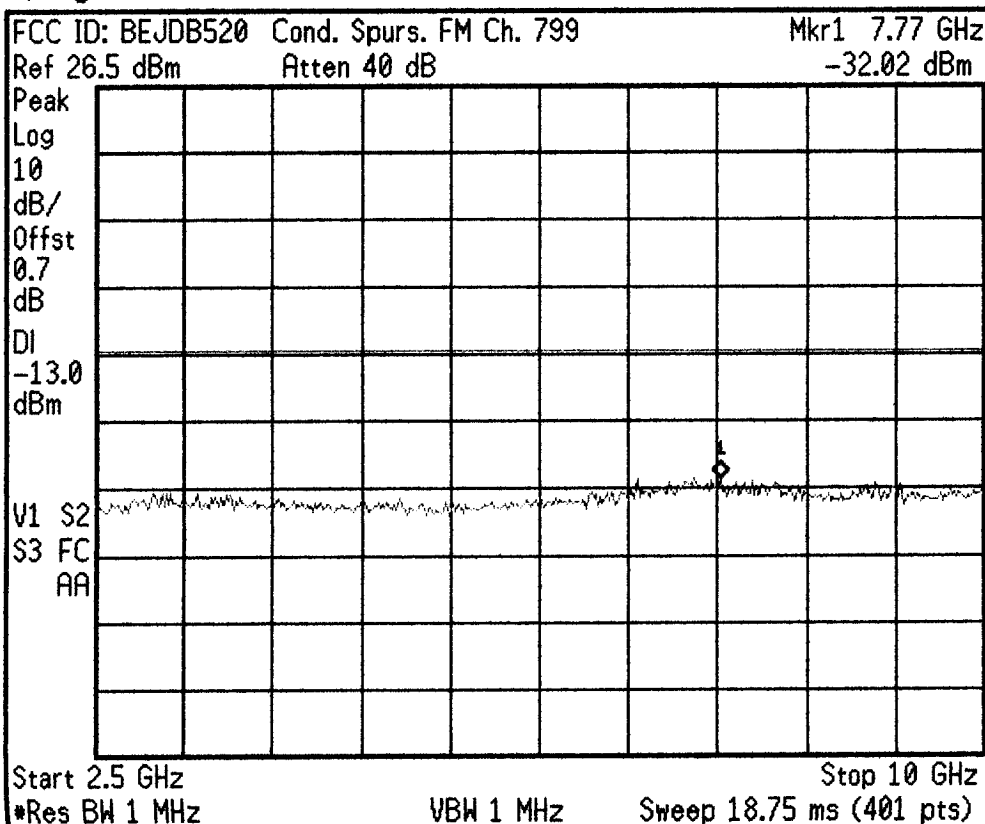
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 08:41:40 Feb 9, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

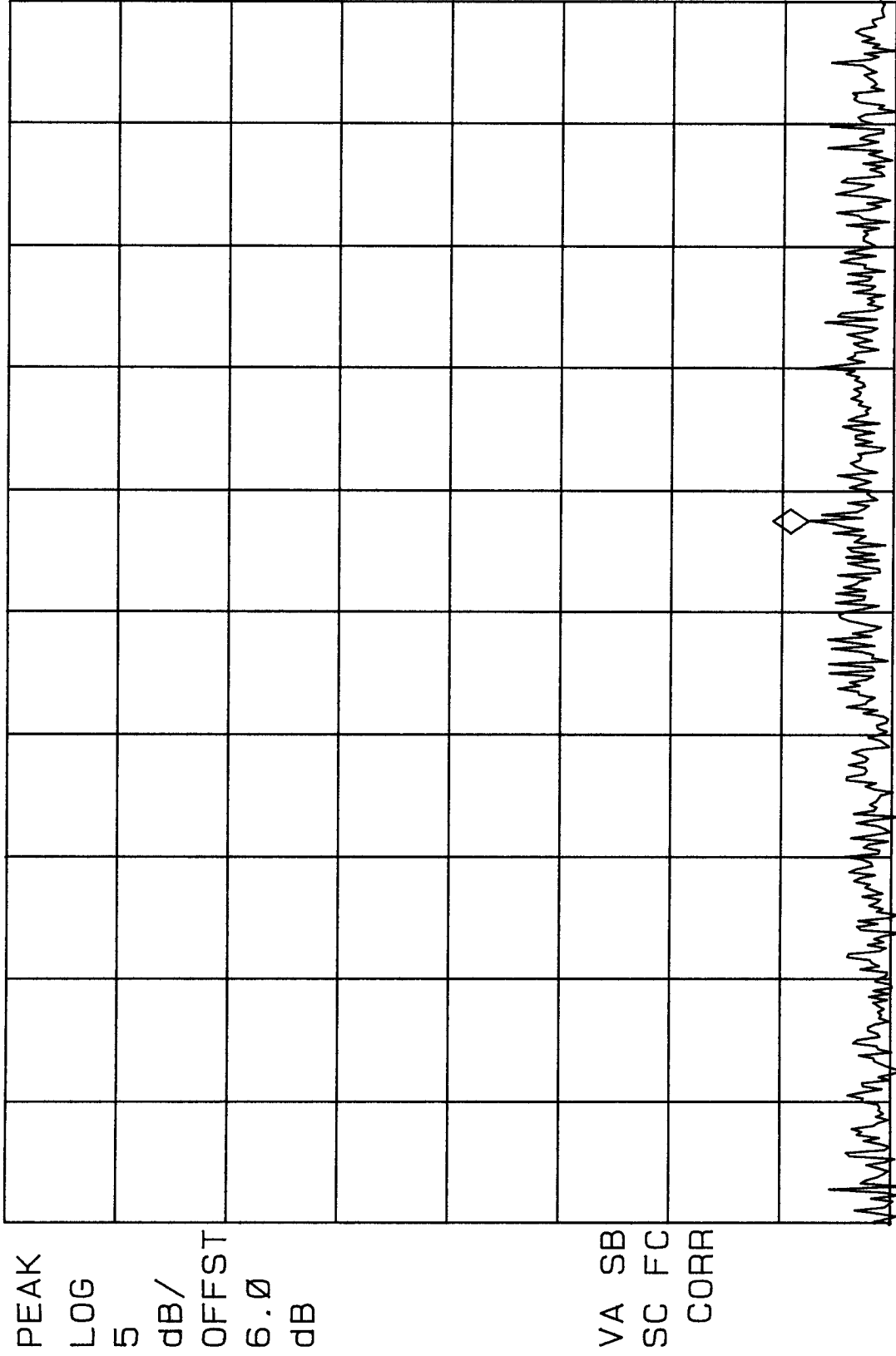
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

~~NO~~ FCC ID: BEJDB520 FM MODE MKR 372.5 MHz
REF -60.0 dBm #ATTEN 10 dB PG 26.0 dB -96.16 dBm



START 200.0 MHz STOP 500.0 MHz
#RES BW 100 kHz #VBW 300 kHz SWP 90 msec

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB520

LG Electronics

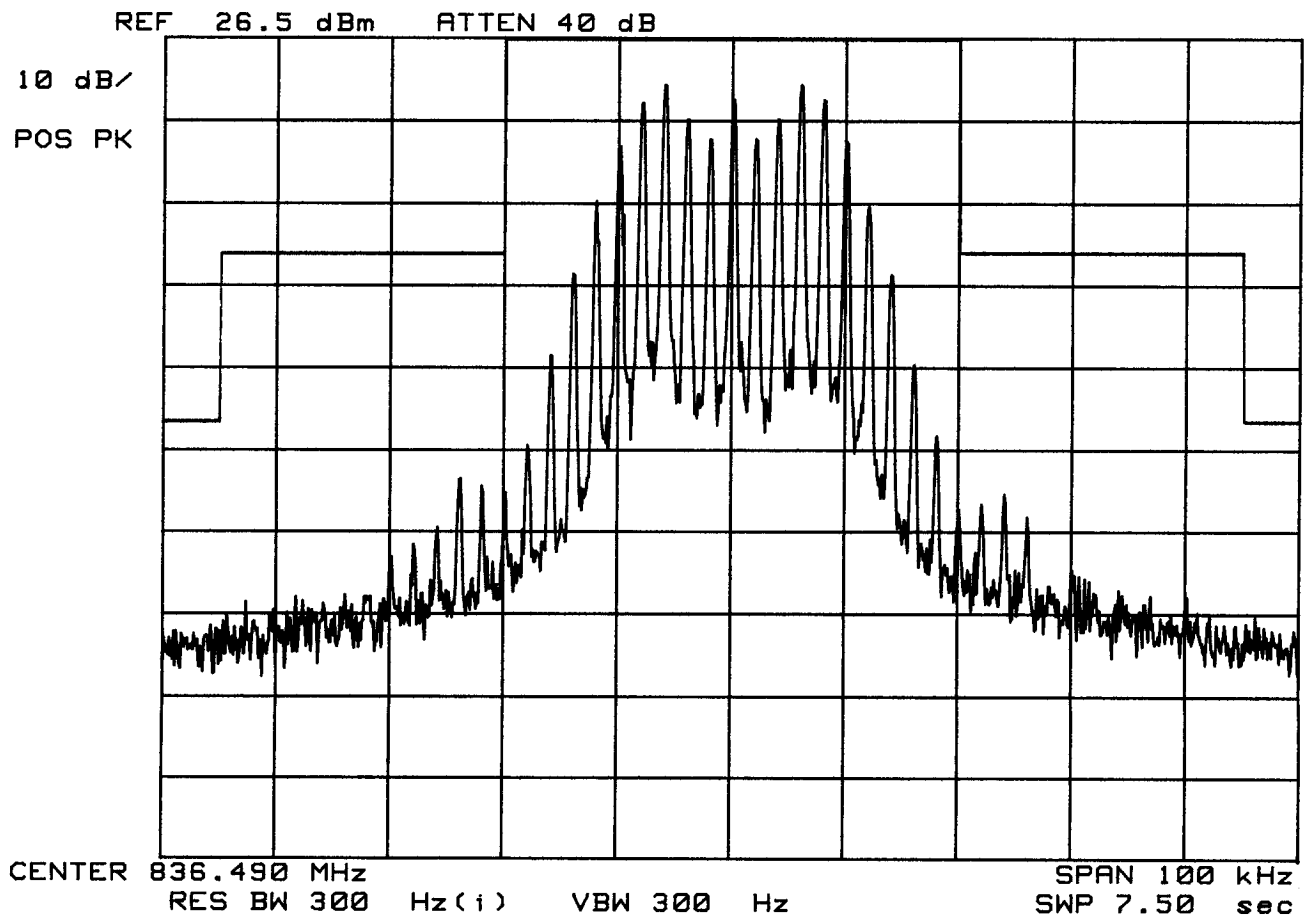
Dual Mode Phone

FM Channel 383

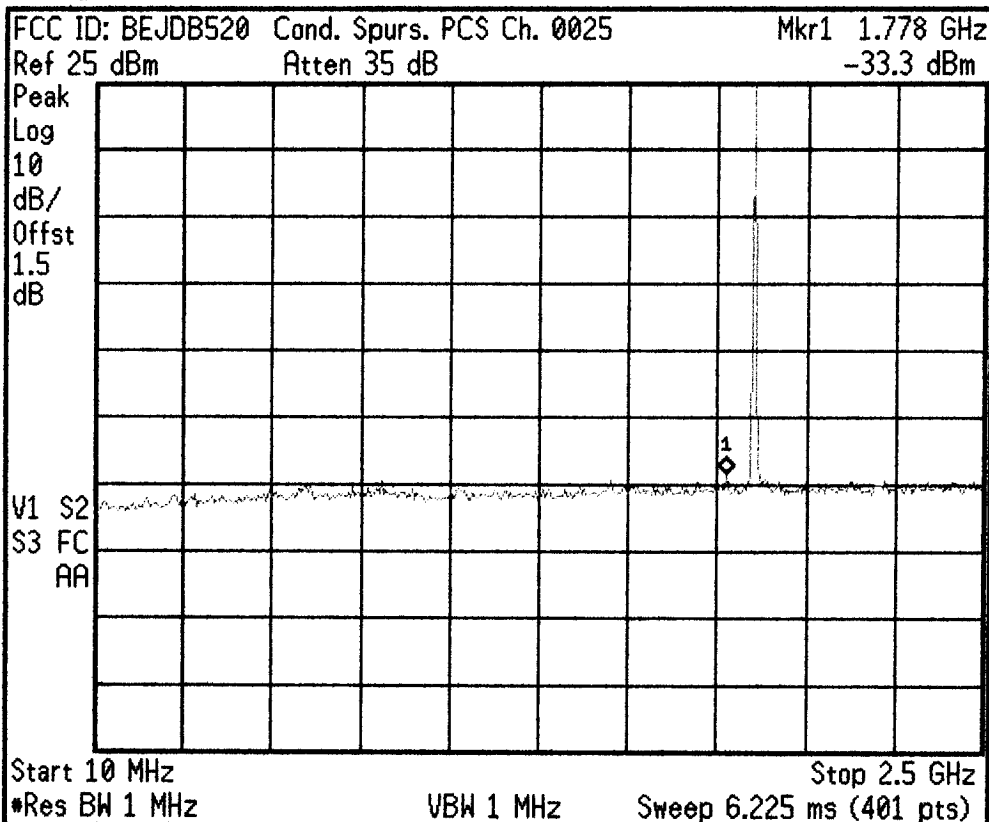
Operating Frequency: 836.490 MHz

Output Power : 26.5 dBm

Test Mode:Voice



* Agilent 09:13:01 Feb 9, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

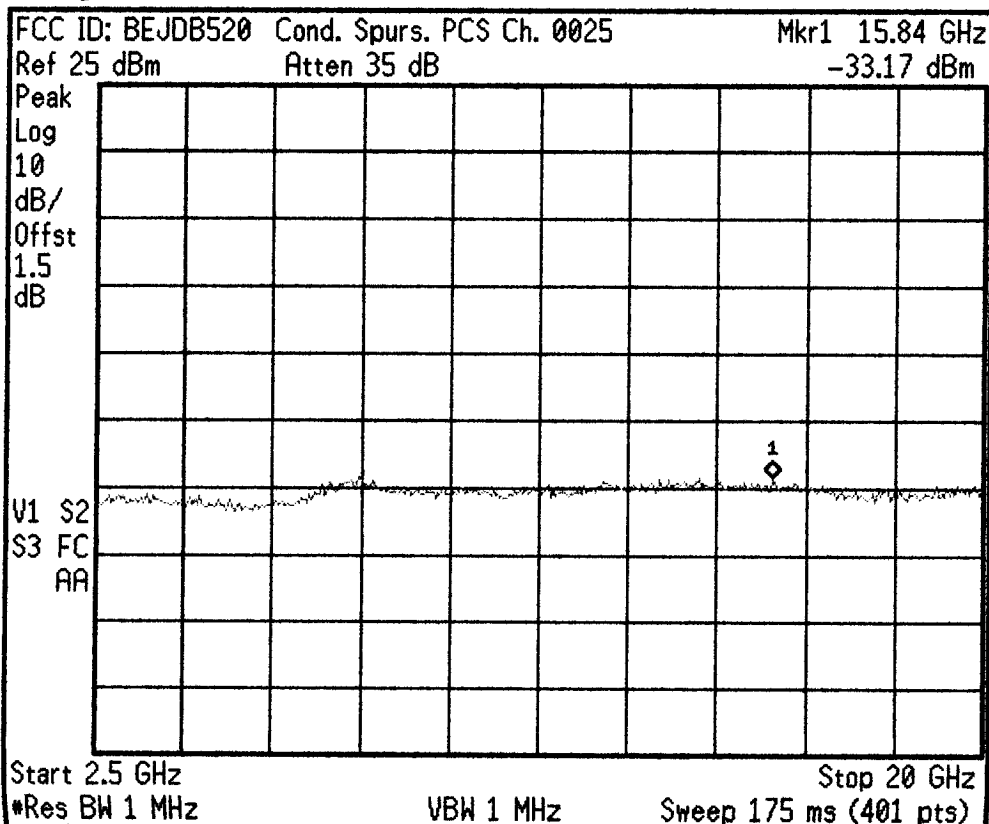
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:13:44 Feb 9, 2001



Freq/Channel

Center Freq
 11.2500000 GHz

Start Freq
 2.50000000 GHz

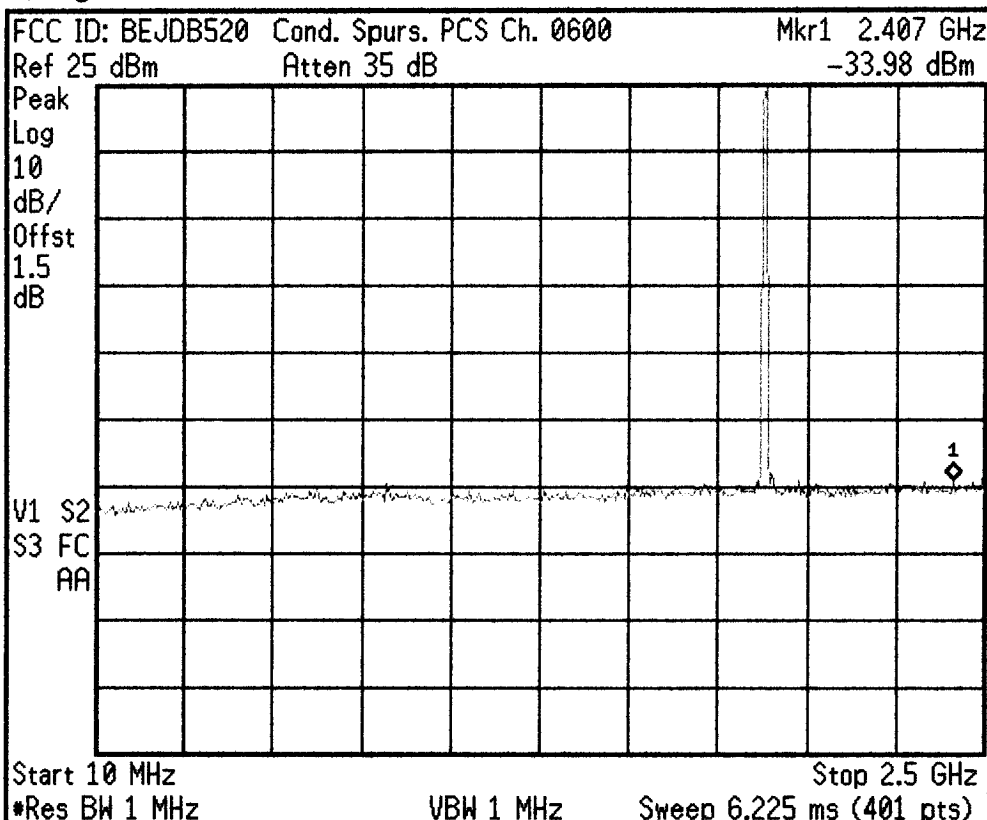
Stop Freq
 20.0000000 GHz

CF Step
 1.75000000 GHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:16:28 Feb 9, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

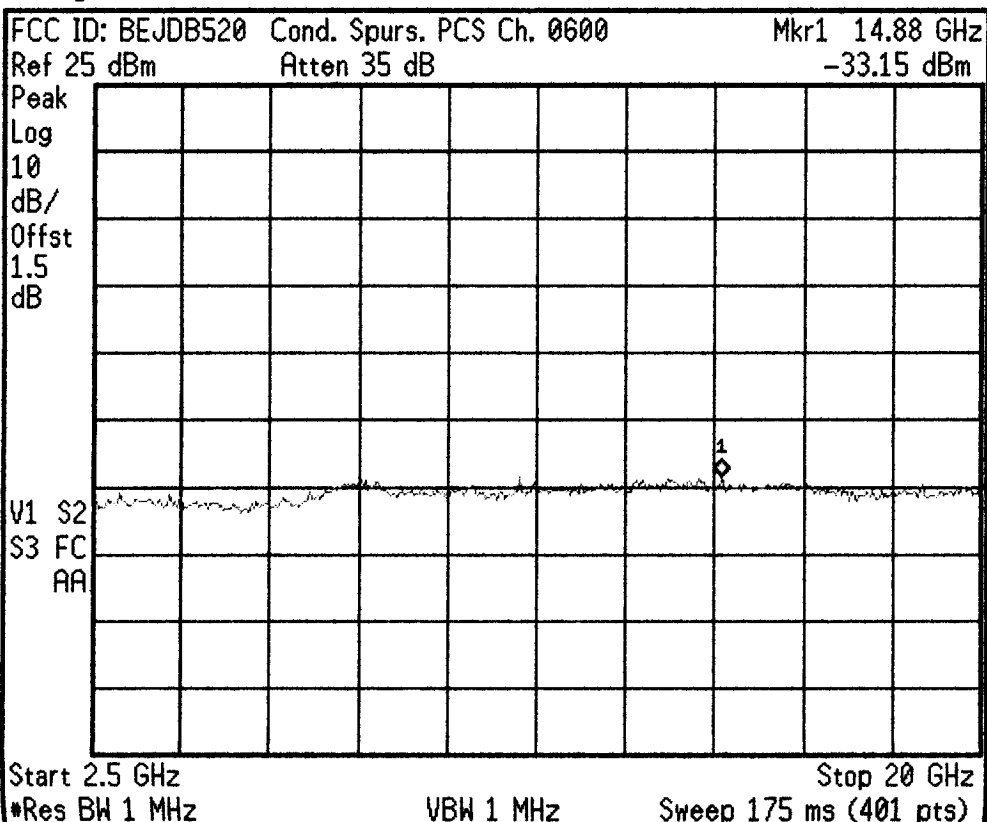
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:17:29 Feb 9, 2001



Freq/Channel

Center Freq
 11.2500000 GHz

Start Freq
 2.50000000 GHz

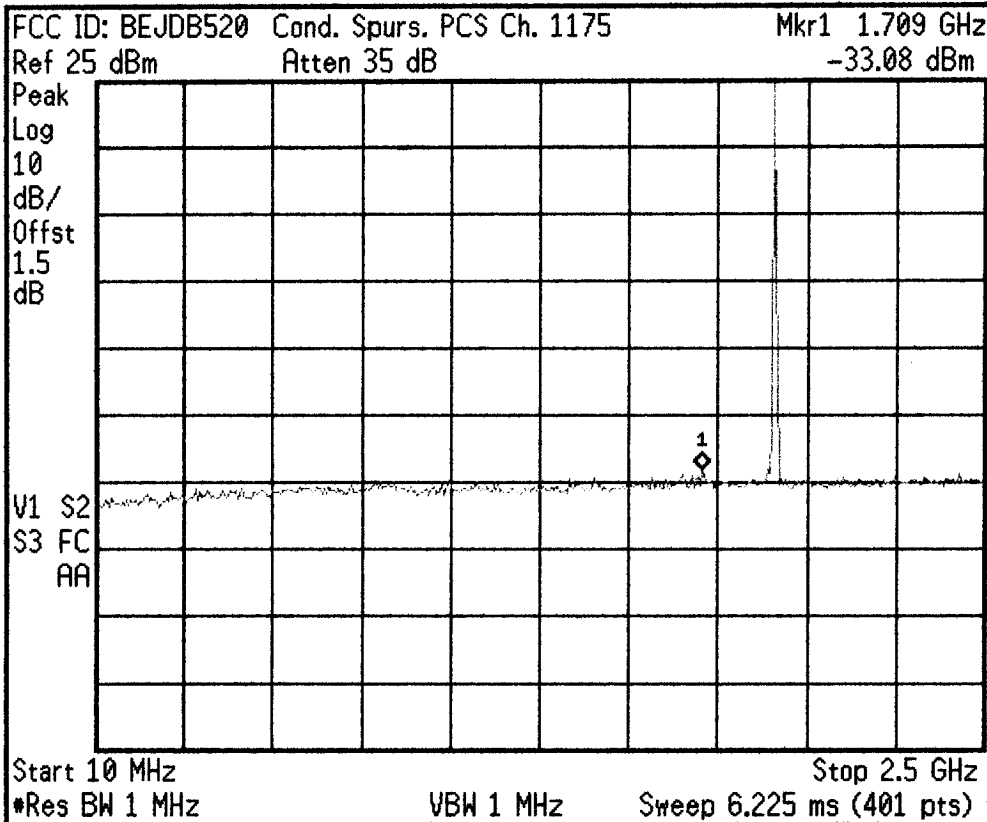
Stop Freq
 20.0000000 GHz

CF Step
 1.75000000 GHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:20:07 Feb 9, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

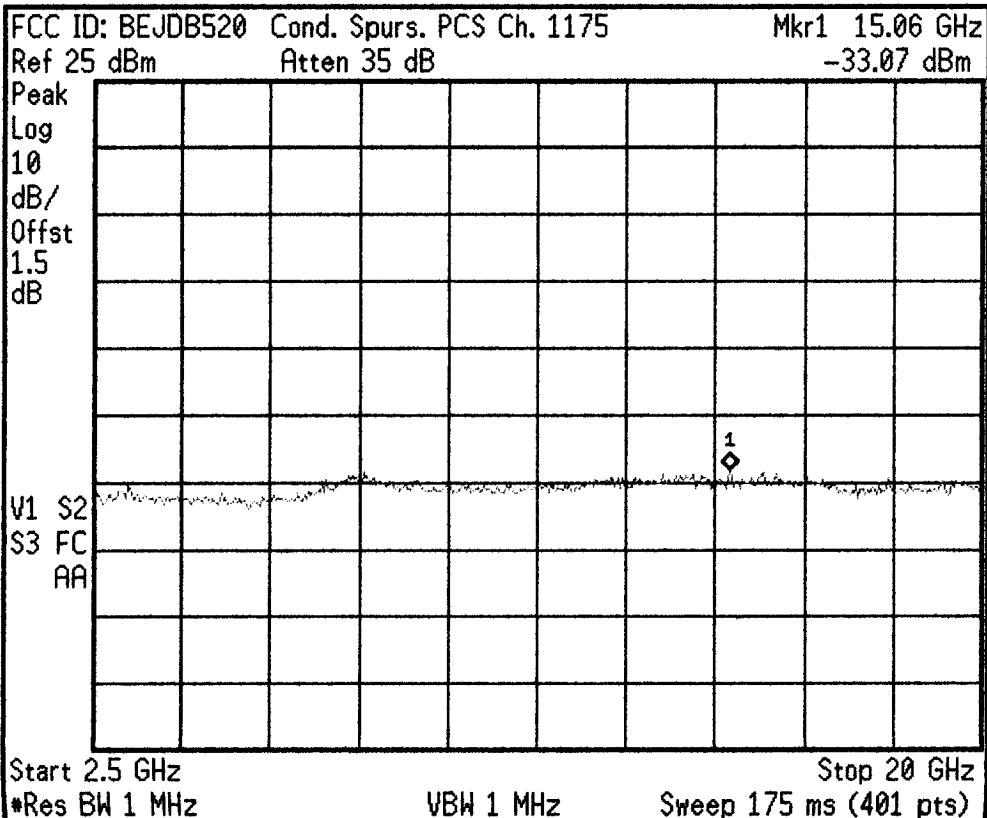
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:20:47 Feb 9, 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

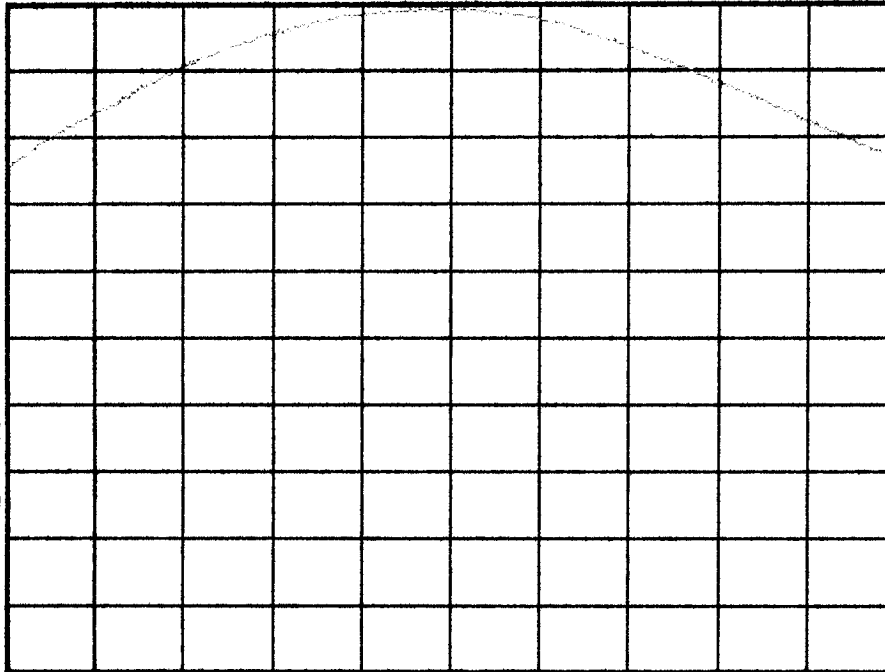
Signal Track
 On Off

* Agilent 09:26:17 Feb 9, 2001

FCC ID: BEJDB520 Power Out PCS Ch. 1175
Ref 25 dBm Atten 35 dB

Peak
Log
10
dB/
Offst
1.5
dB

V1 S2
S3 FC
AA



Center 1.909 GHz

*Res BW 3 MHz

VBW 3 MHz

Span 10 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

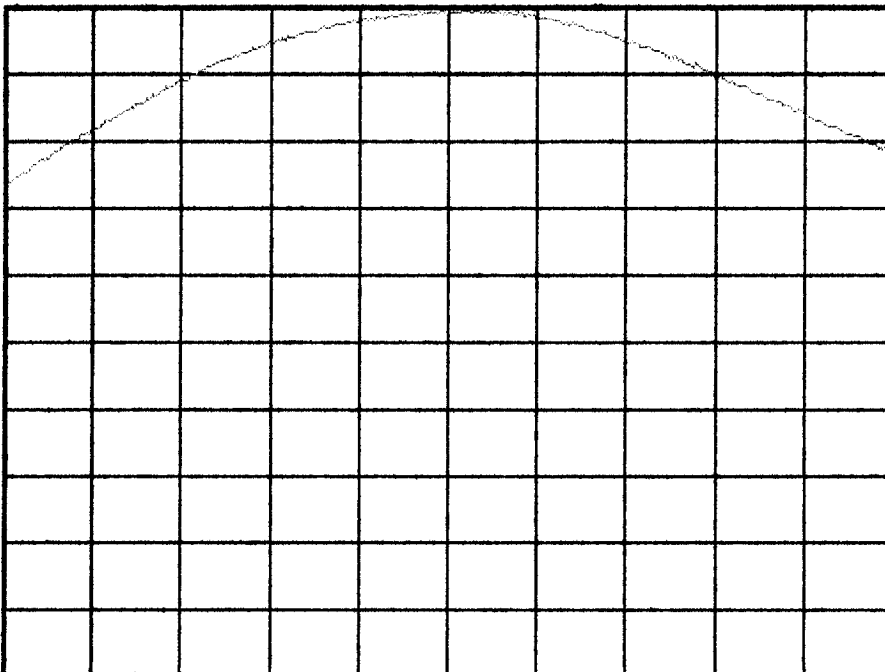
Signal Track
On Off

* Agilent 09:28:05 Feb 9, 2001

FCC ID: BEJDB520 Power Out PCS Ch. 0600
Ref 25 dBm Atten 35 dB

Peak
Log
10
dB/
Offst
1.5
dB

V1 S2
S3 FC
AA



Center 1.88 GHz

*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz
Sweep 5 ms (401 pts)

Freq/Channel

Center Freq
1.88000000 GHz

Start Freq
1.87500000 GHz

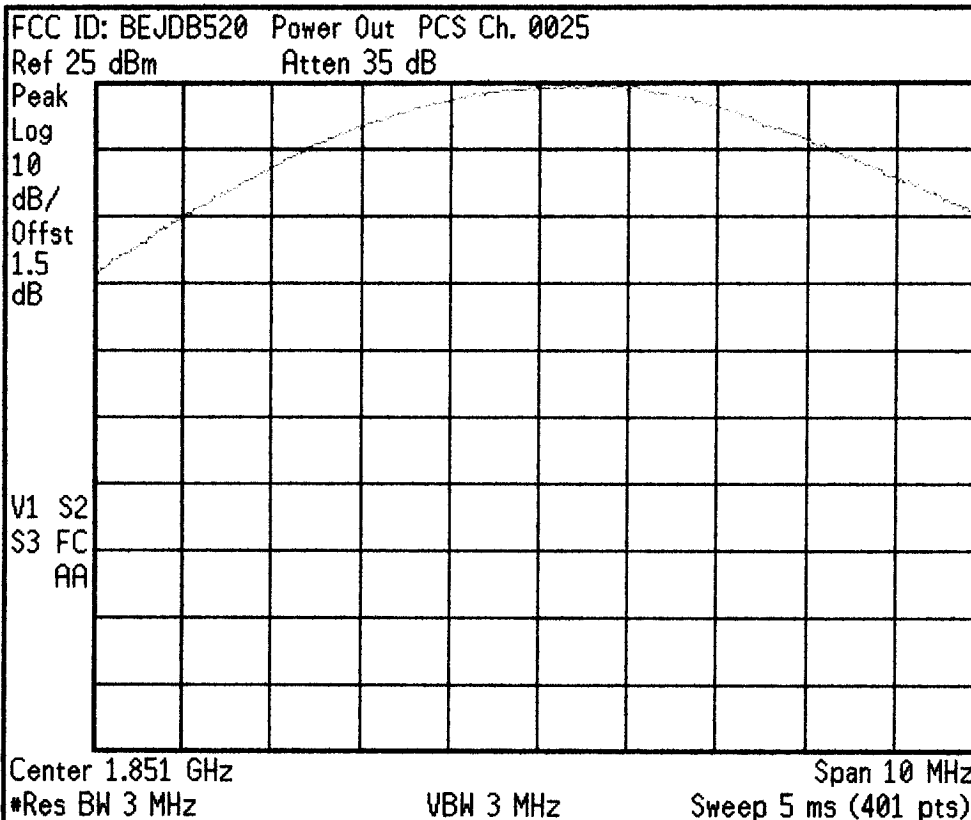
Stop Freq
1.88500000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 09:29:49 Feb 9, 2001



Freq/Channel

Center Freq
 1.85100000 GHz

Start Freq
 1.84600000 GHz

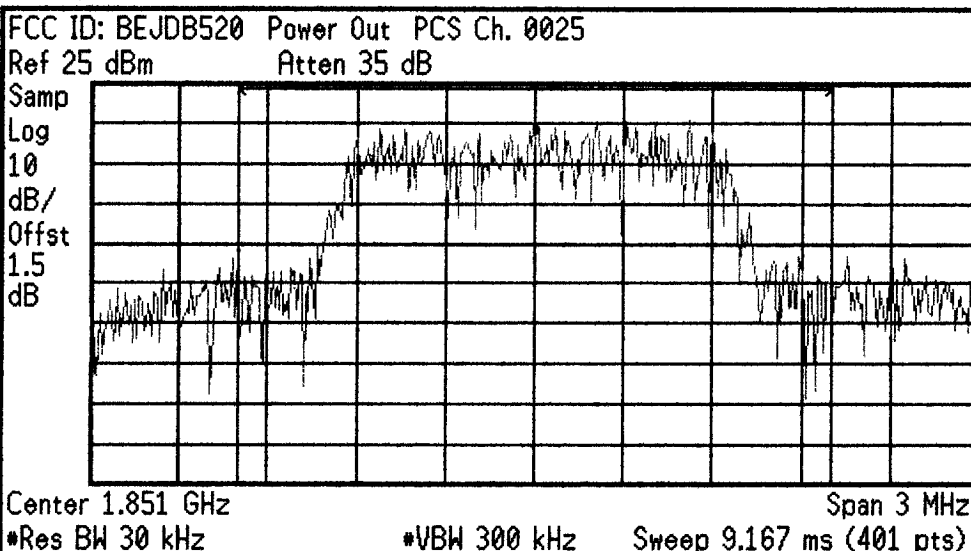
Stop Freq
 1.85600000 GHz

CF Step
 1.00000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:33:01 Feb 9, 2001



Trace

Trace

1 2 3

Clear Write

Max Hold

Min Hold

View

Blank

More
 1 of 2

Channel Power Results (idle)

Channel Power
 25.00 dBm

Integration BW 2.000 MHz

Density -38.01 dBm/Hz

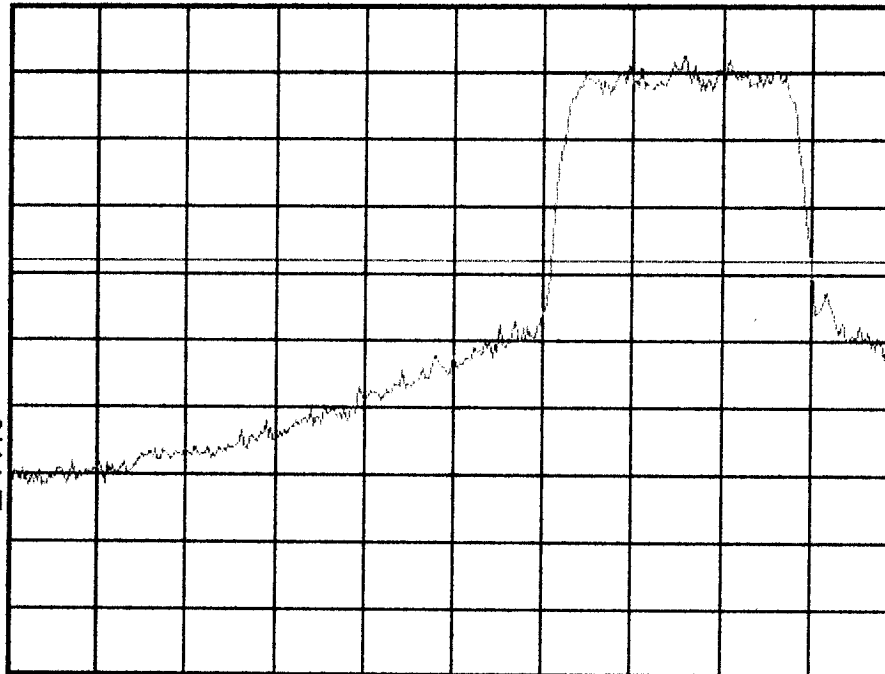
* Agilent 09:35:09 Feb 9, 2001

FCC ID: BEJDB520 BAND EDGE PCS Ch. 0025

Ref 25 dBm Atten 35 dB

Peak
Log
10
dB/
Offst
1.5
dB
DI
-13.0
dBm

V1 S2
S3 FC
AA



Center 1.85 GHz

*Res BW 30 kHz

VBW 30 kHz

Span 5 MHz
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

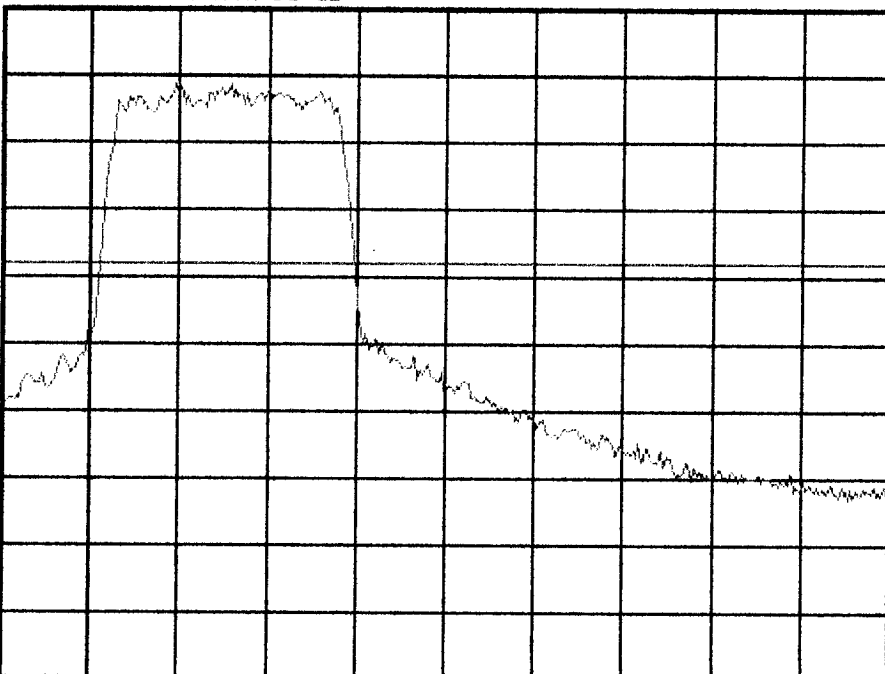
* Agilent 09:36:15 Feb 9, 2001

FCC ID: BEJDB520 BAND EDGE PCS Ch. 1175

Ref 25 dBm Atten 35 dB

Peak
Log
10
dB/
Offst
1.5
dB
DI
-13.0
dBm

V1 S2
S3 FC
AA



Center 1.91 GHz

*Res BW 30 kHz

VBW 30 kHz

Span 5 MHz
Sweep 13.89 ms (401 pts)

Freq/Channel

Center Freq
1.91000000 GHz

Start Freq
1.90750000 GHz

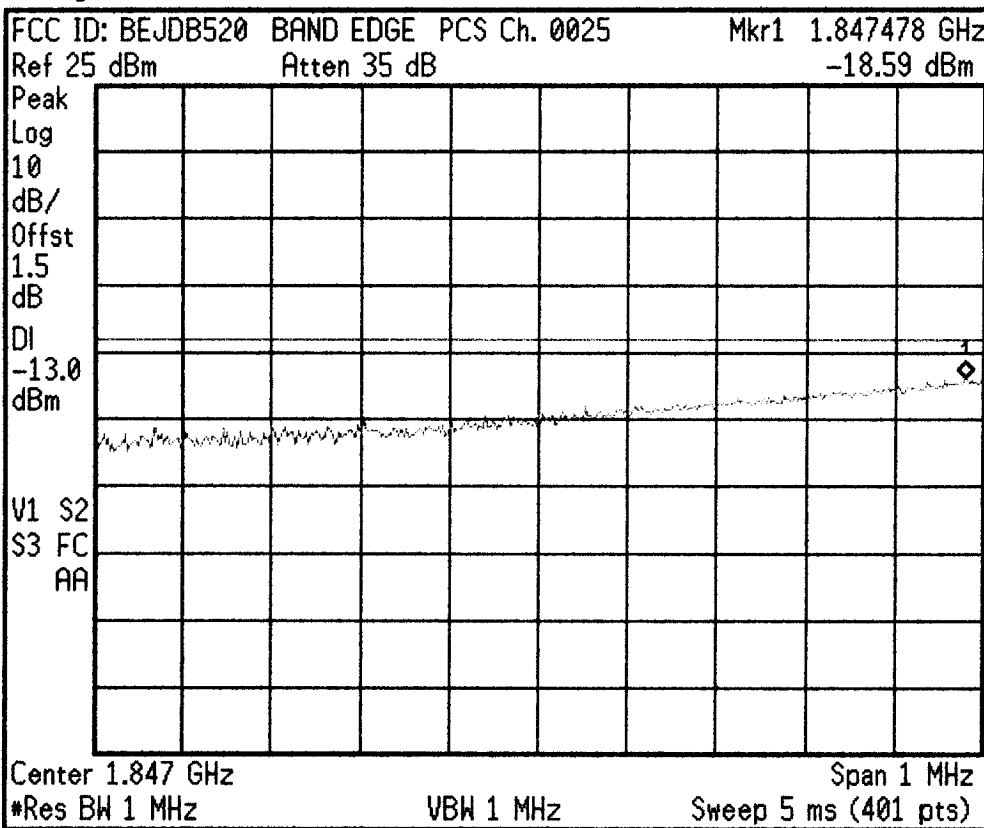
Stop Freq
1.91250000 GHz

CF Step
500.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 09:54:30 Feb 9, 2001



Freq/Channel

Center Freq
 1.84700000 GHz

Start Freq
 1.84650000 GHz

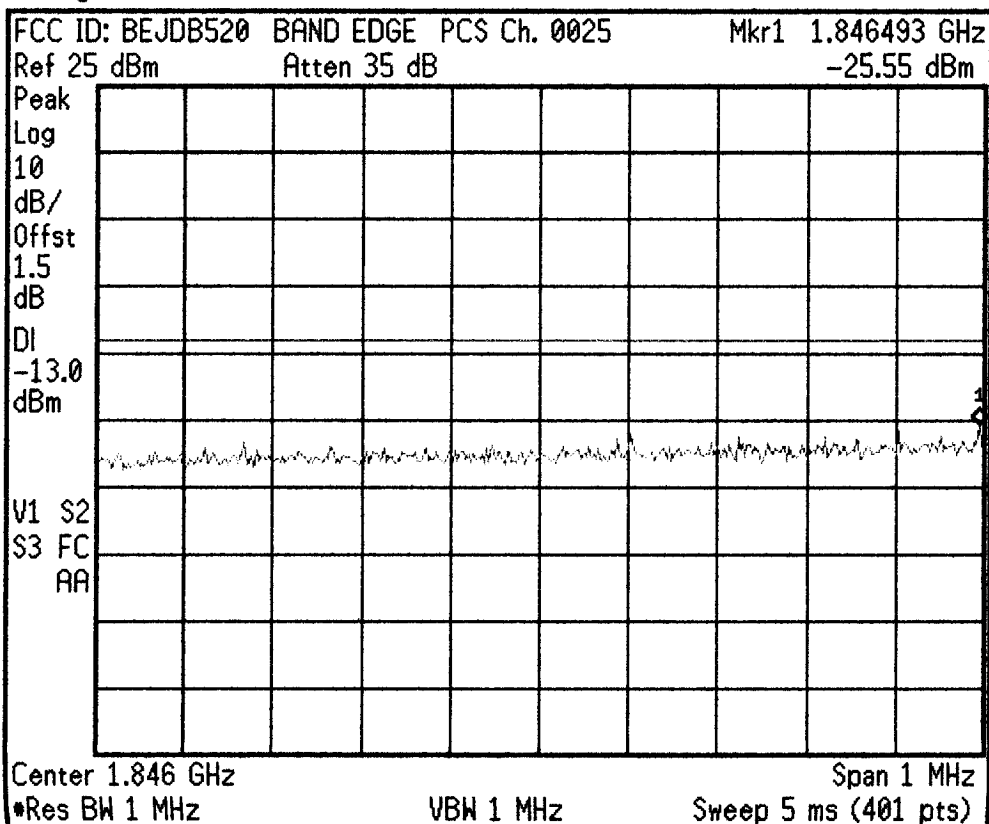
Stop Freq
 1.84750000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:55:25 Feb 9, 2001



Freq/Channel

Center Freq
 1.84600000 GHz

Start Freq
 1.84550000 GHz

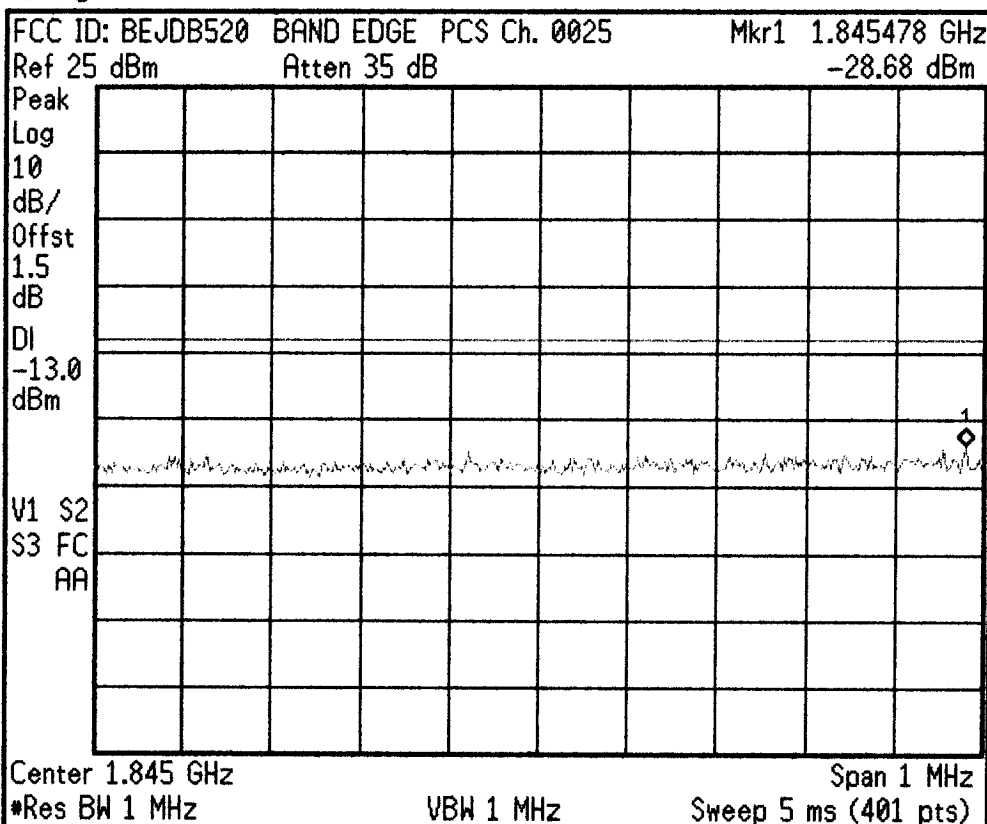
Stop Freq
 1.84650000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:44:15 Feb 9, 2001



Freq/Channel

Center Freq
 1.84500000 GHz

Start Freq
 1.84450000 GHz

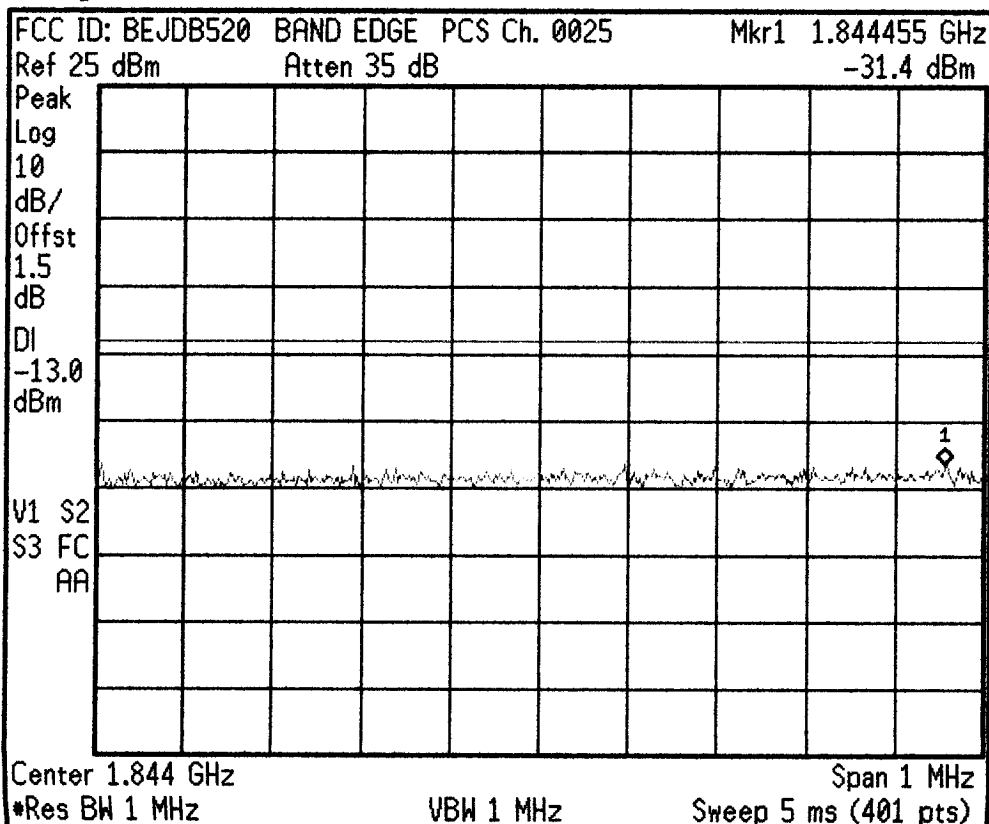
Stop Freq
 1.84550000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:45:52 Feb 9, 2001



Freq/Channel

Center Freq
 1.84400000 GHz

Start Freq
 1.84350000 GHz

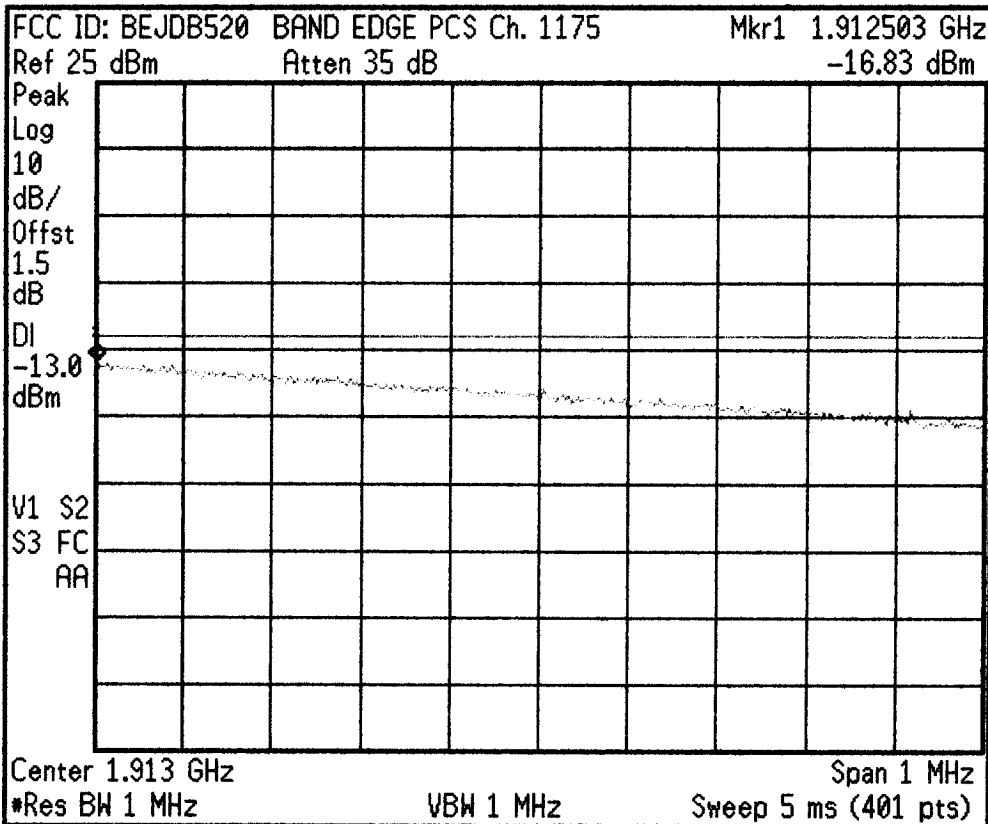
Stop Freq
 1.84450000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:57:49 Feb 9, 2001



Freq/Channel

Center Freq
 1.91300000 GHz

Start Freq
 1.91250000 GHz

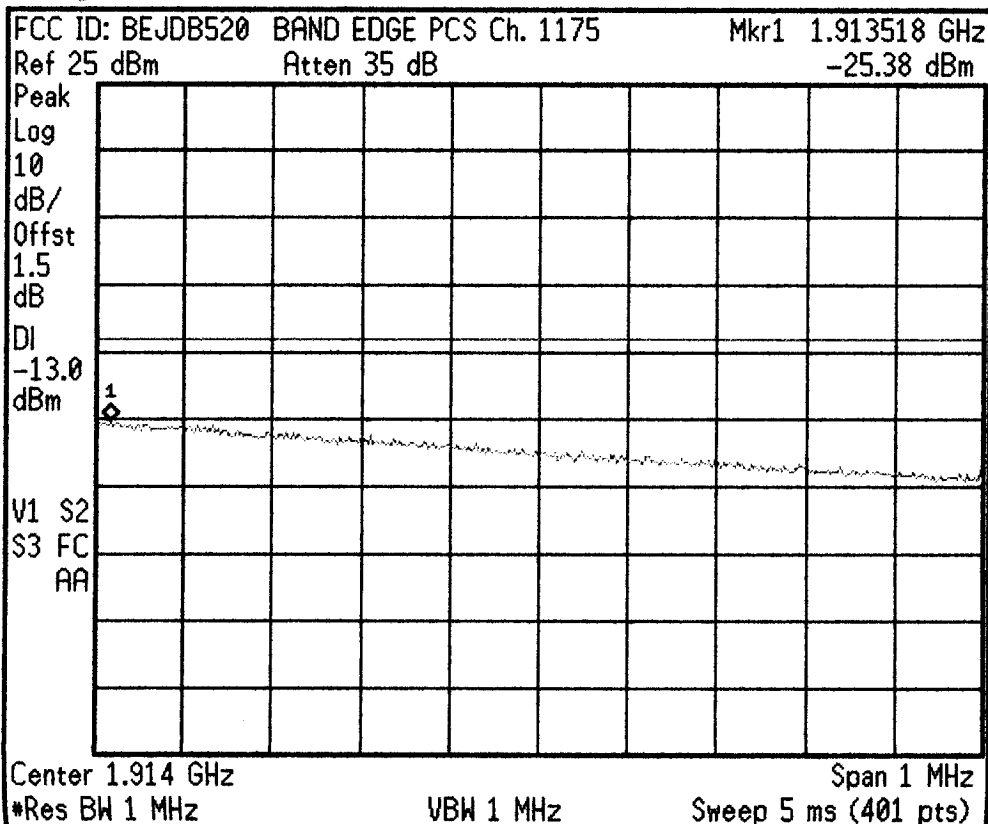
Stop Freq
 1.91350000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:58:46 Feb 9, 2001



Freq/Channel

Center Freq
 1.91400000 GHz

Start Freq
 1.91350000 GHz

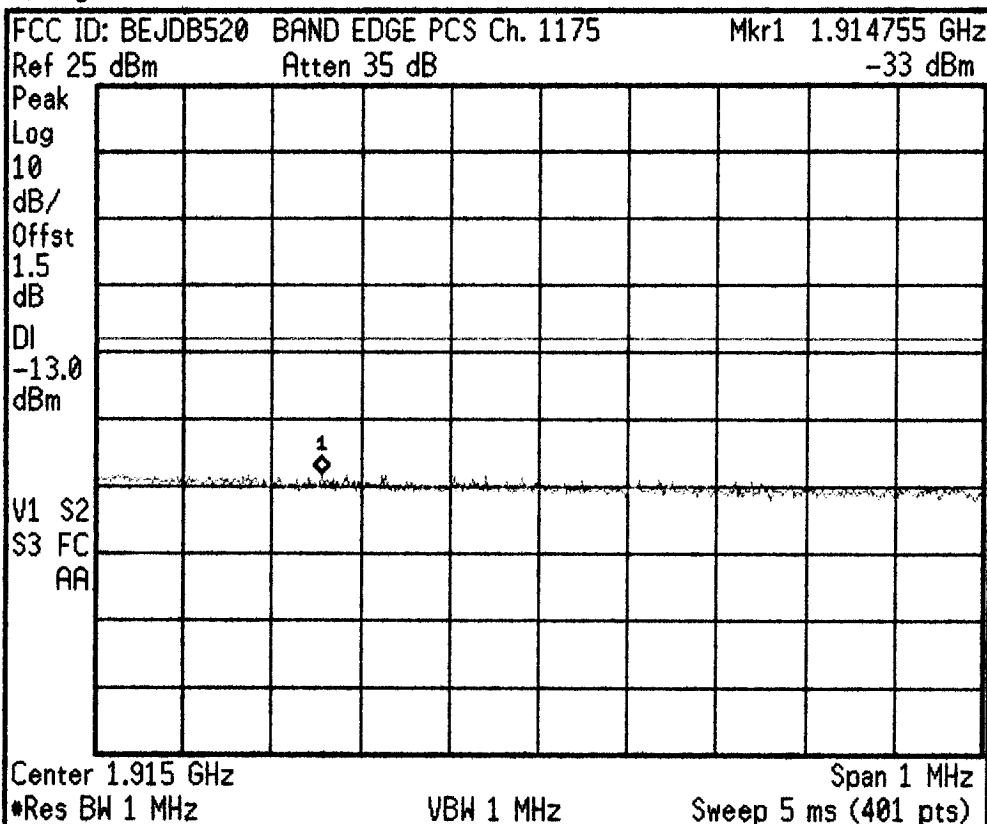
Stop Freq
 1.91450000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:59:52 Feb 9, 2001



Freq/Channel

Center Freq
 1.91500000 GHz

Start Freq
 1.91450000 GHz

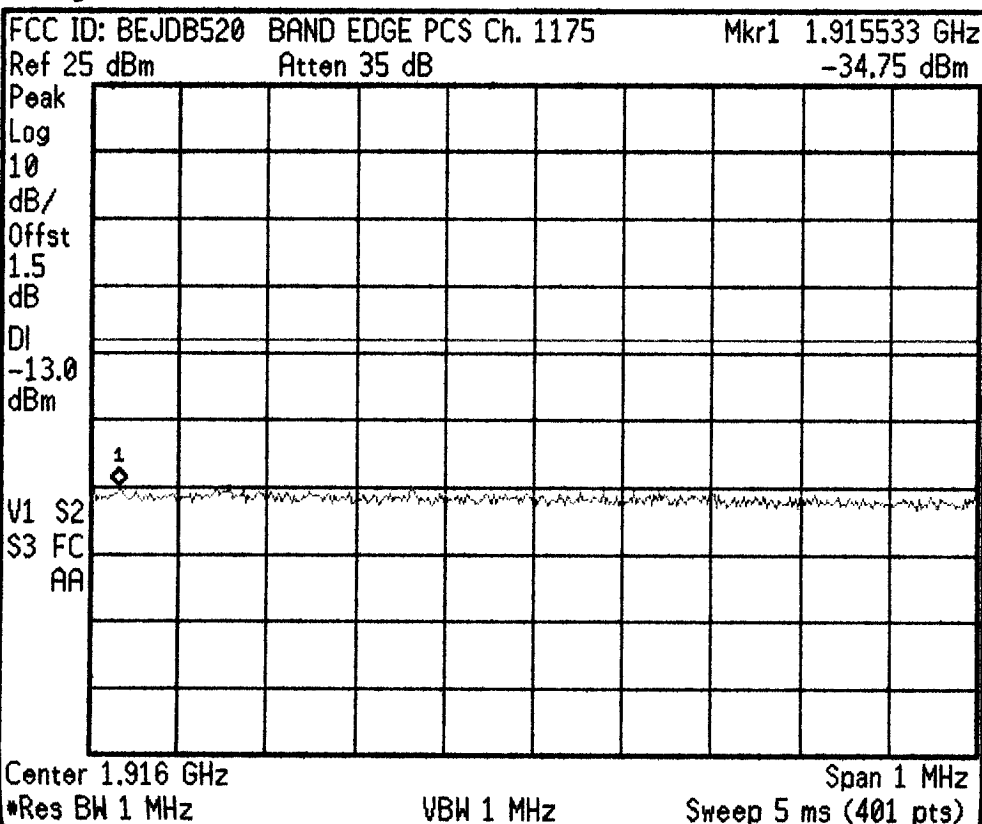
Stop Freq
 1.91550000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 10:00:51 Feb 9, 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

FCC ID: BEJDB520 Power Out PCS Ch. 0600

Ref 25 dBm

Atten 35 dB

Samp

Log

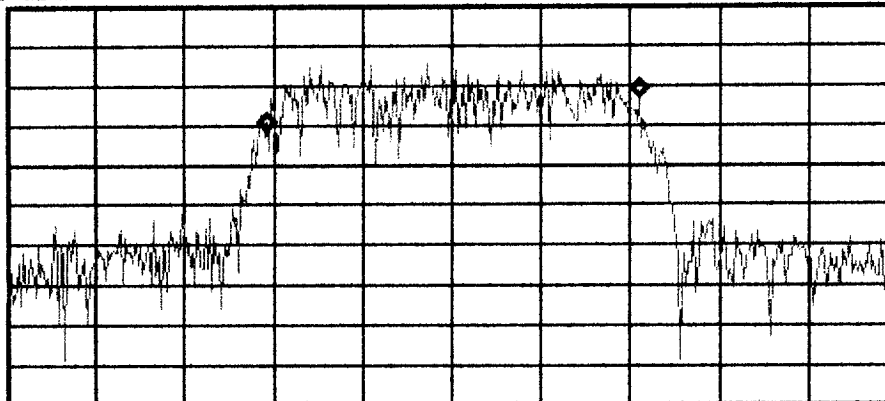
10

dB/

Offst

1.5

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 %

1.250 MHz

Transmit Freq Error 4.984 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