

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB230

LG Electronics Inc.

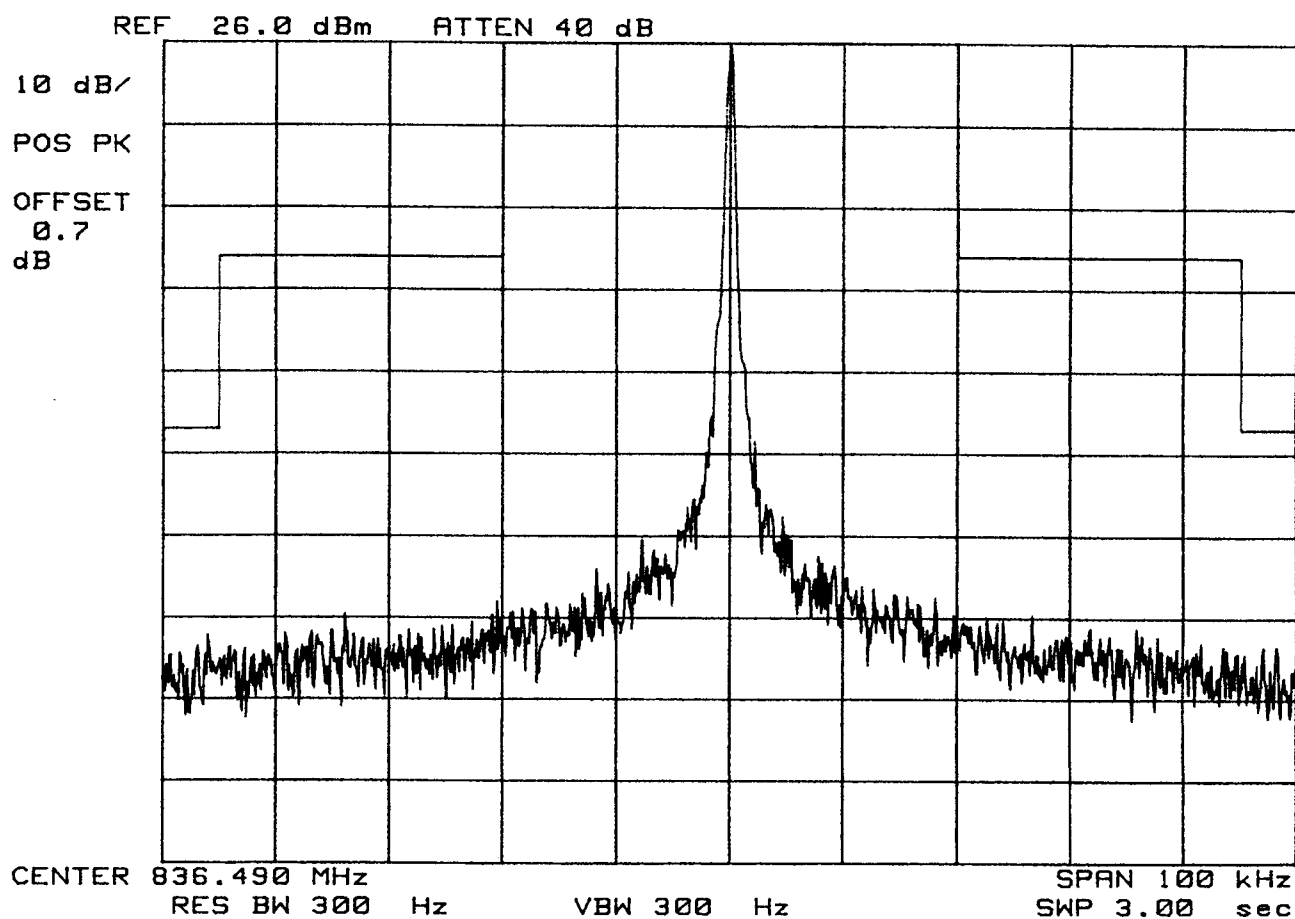
DUAL BAND PHONE

FM MODE Ch.383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB230

LG Electronics Inc.

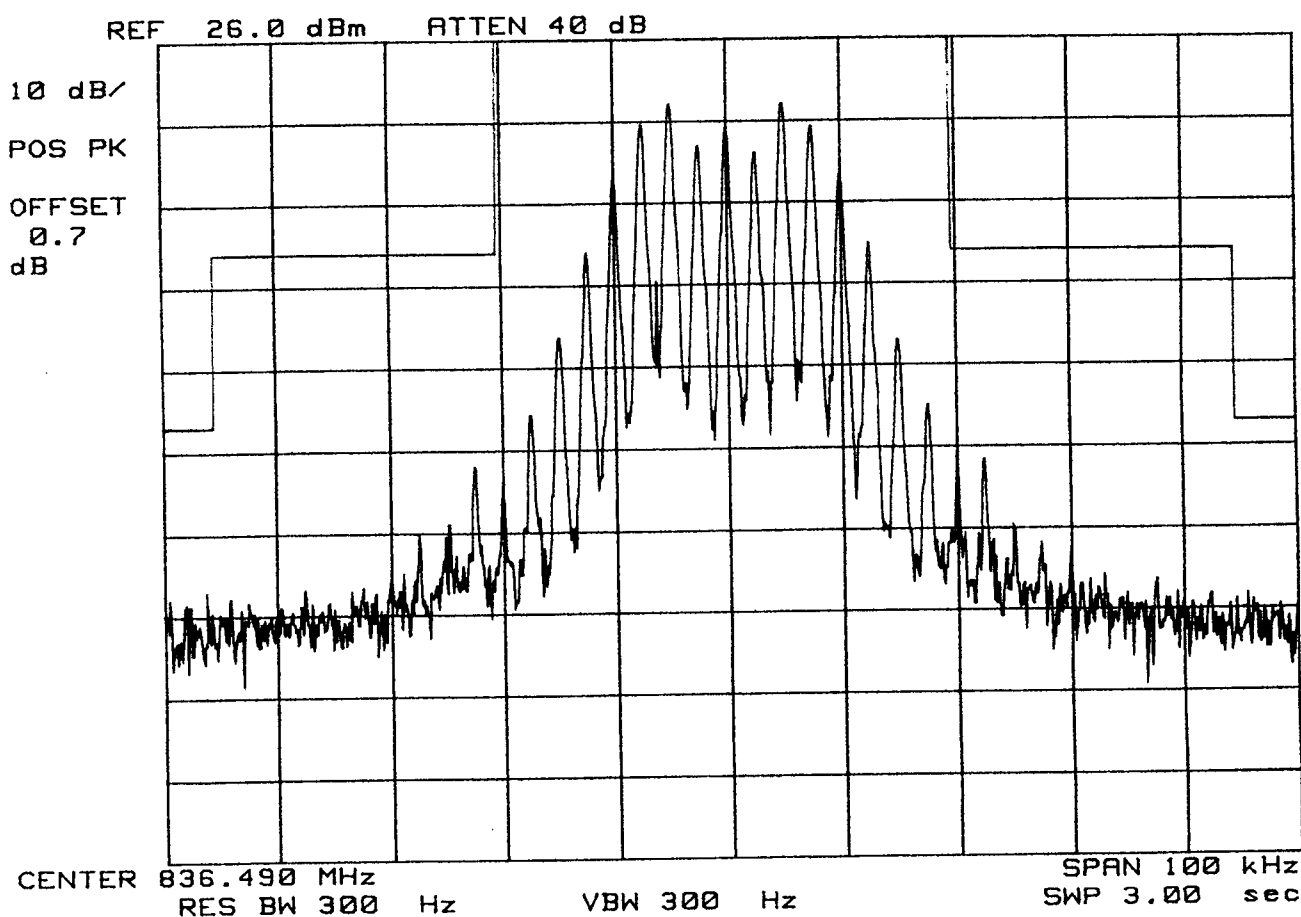
DUAL BAND PHONE

FM MODE Ch.383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB230

LG Electronics Inc.

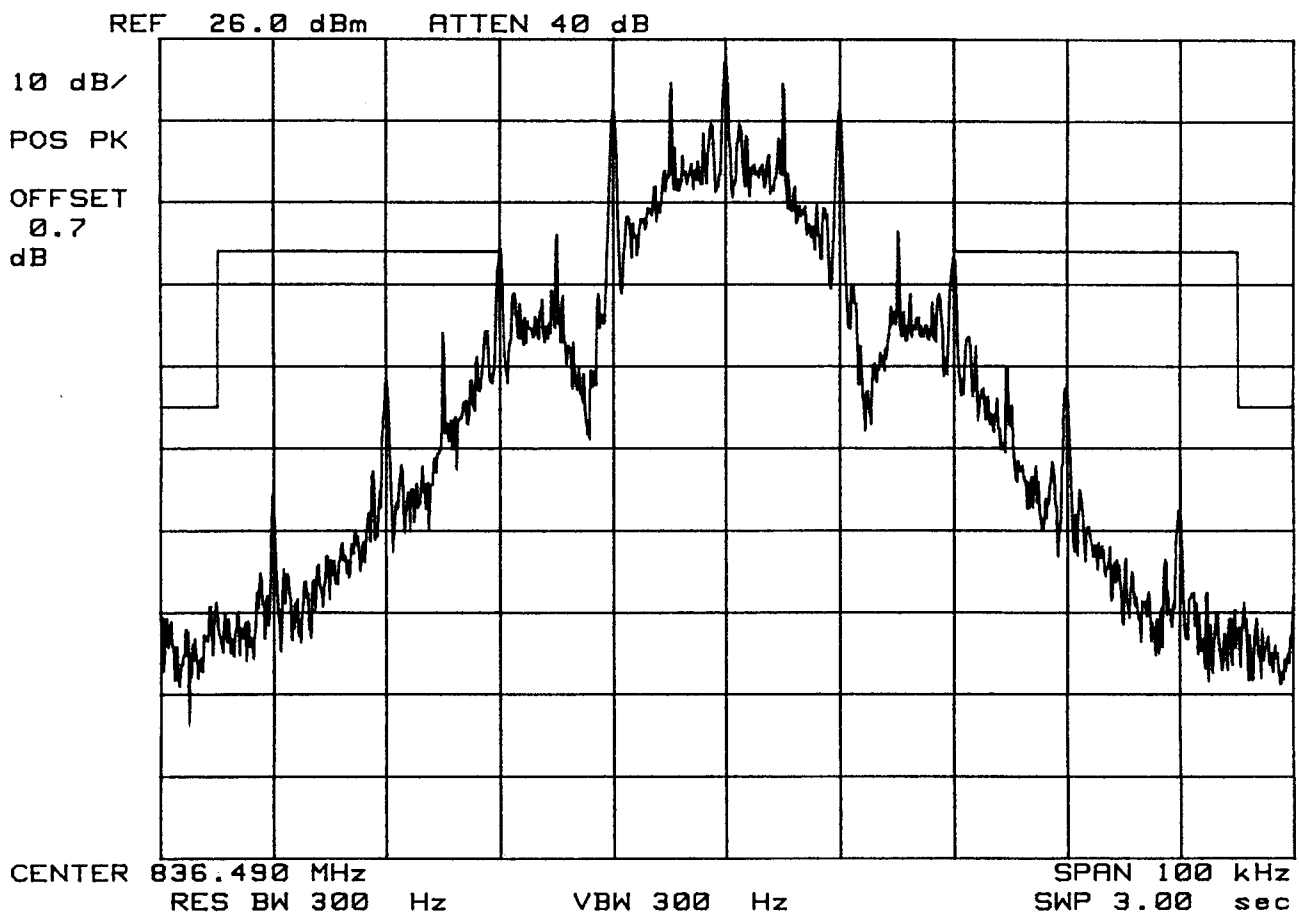
DUAL BAND PHONE

FM MODE Ch.383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Wide Band Data



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB230

LG Electronics Inc.

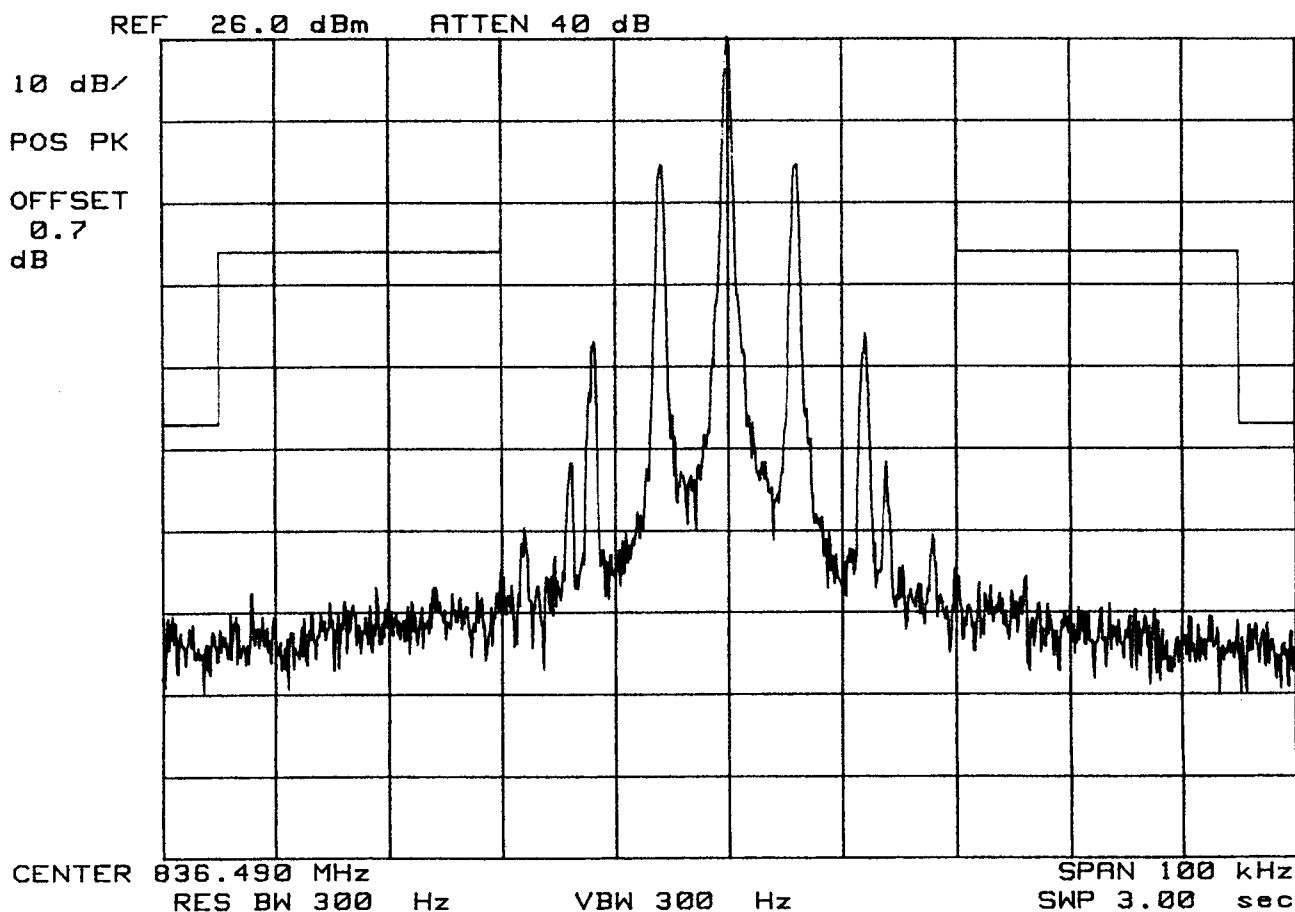
DUAL BAND PHONE

FM MODE Ch.383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB230

LG Electronics Inc.

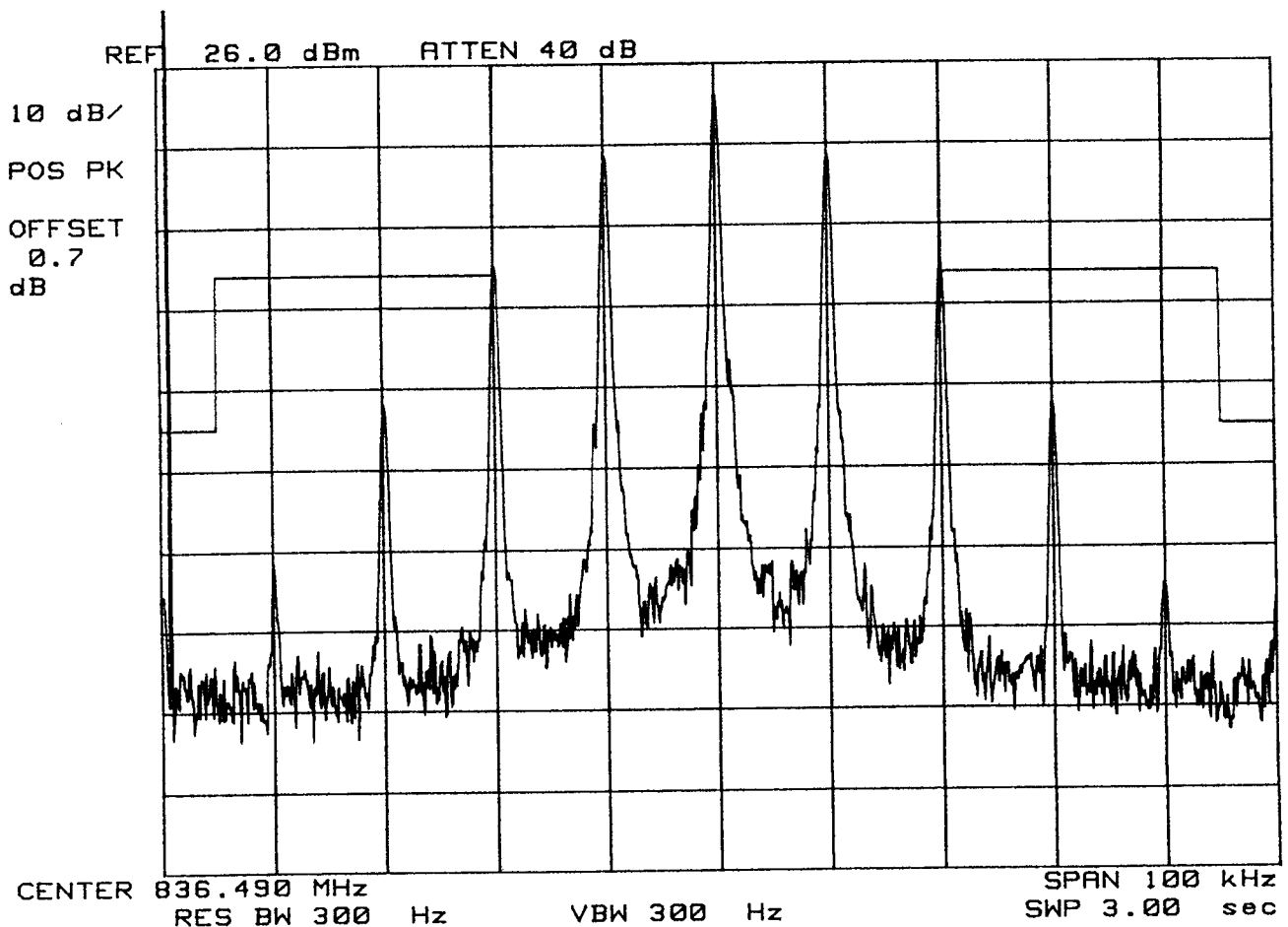
DUAL BAND PHONE

FM MODE Ch.383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB230

LG Electronics Inc.

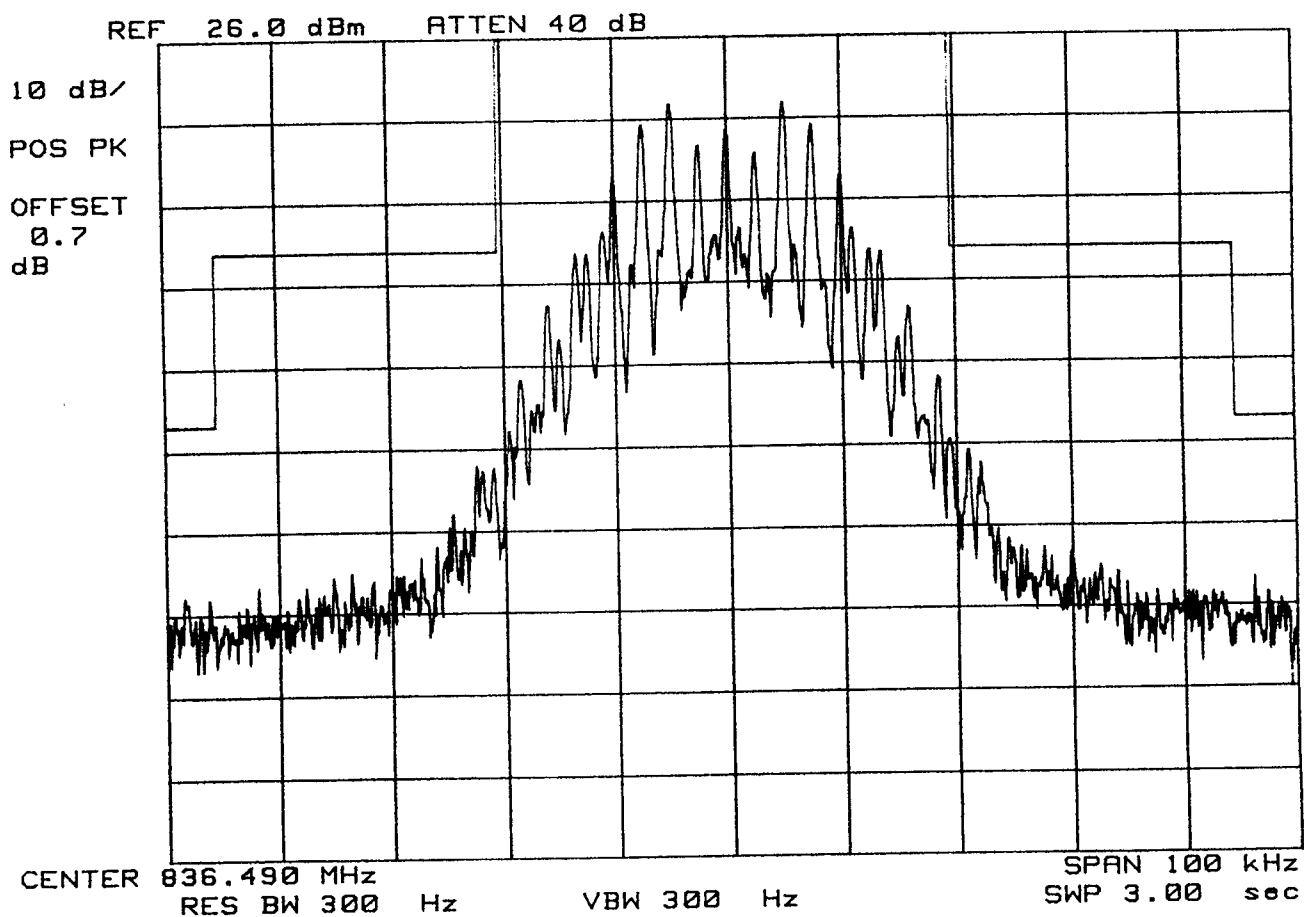
DUAL BAND PHONE

FM MODE Ch.383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB230

LG Electronics Inc.

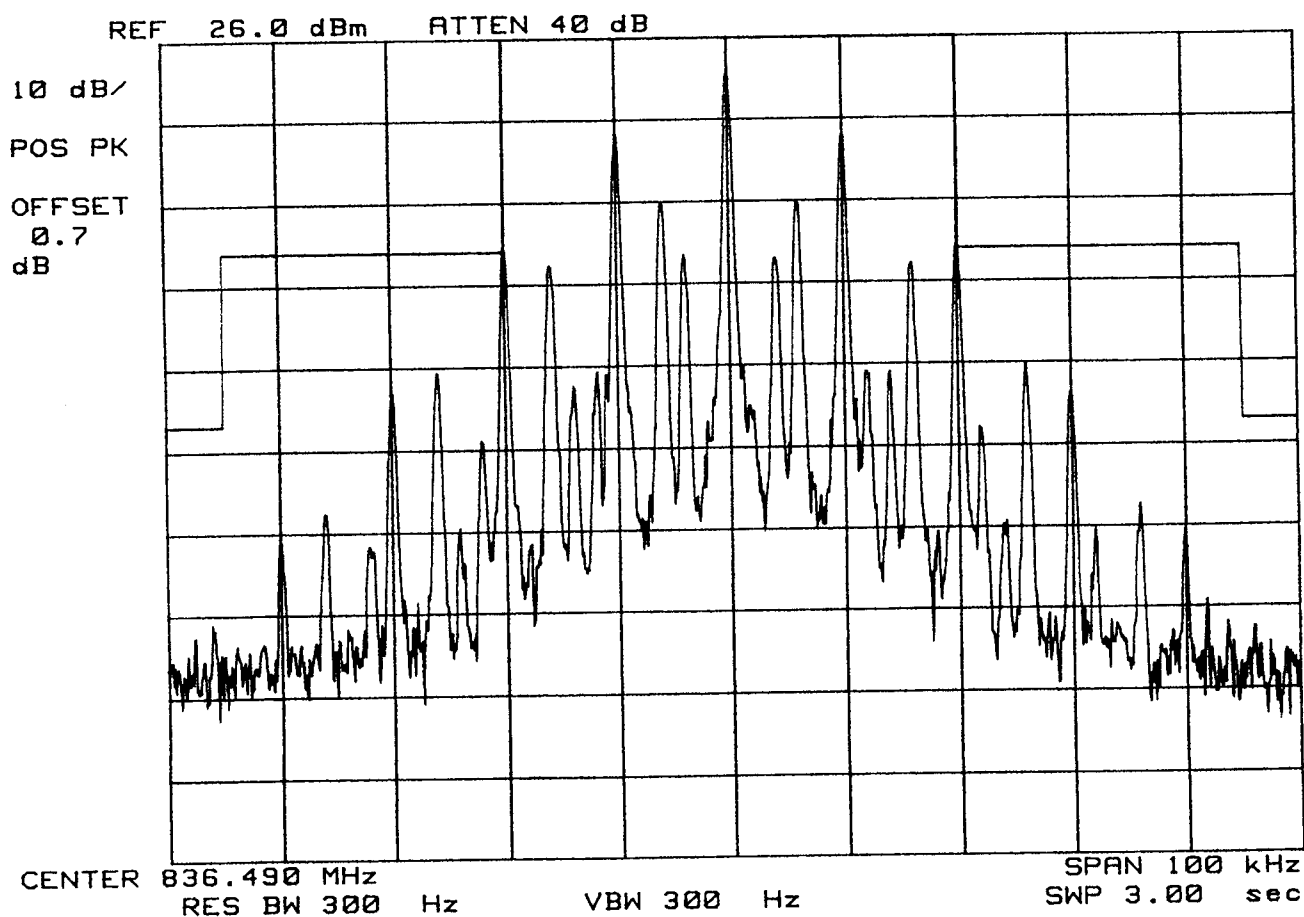
DUAL BAND PHONE

FM MODE Ch.383

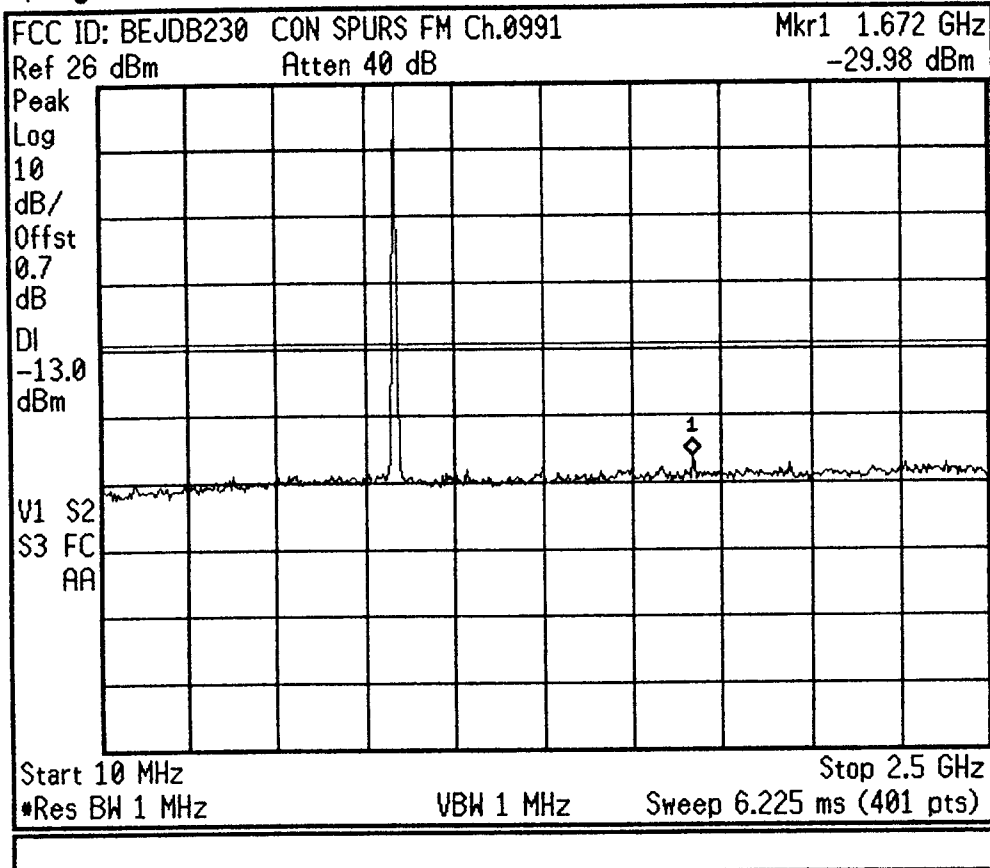
Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + ST



* Agilent 10:59:12 Oct 4, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

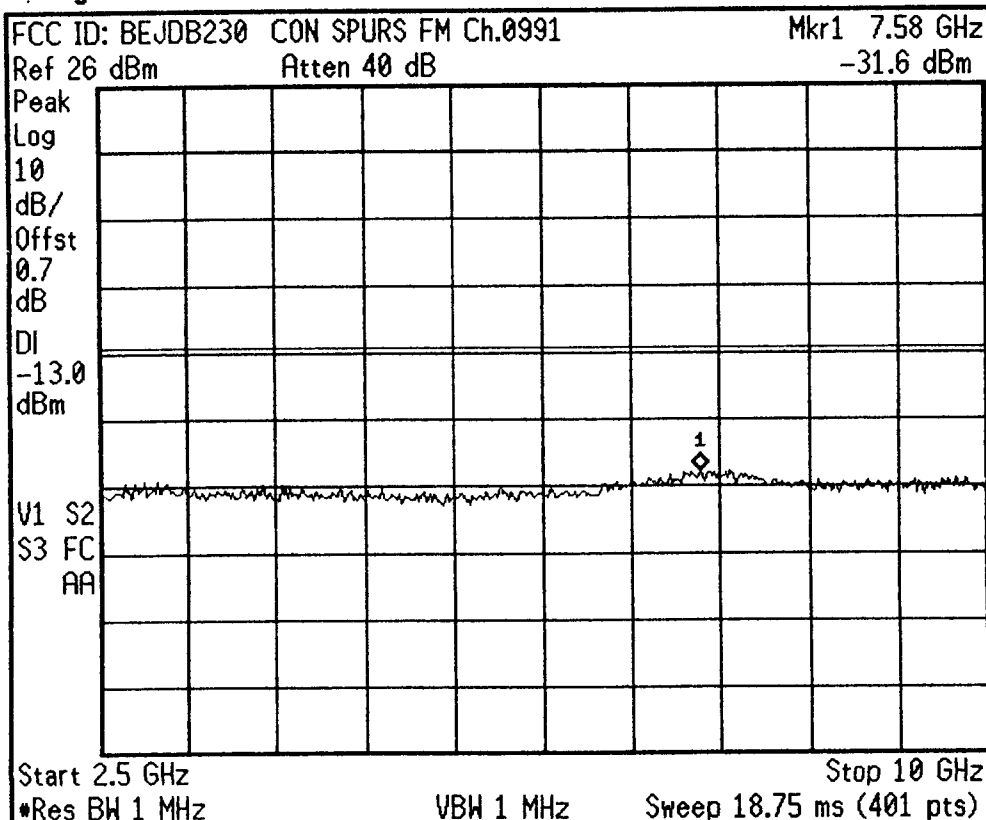
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 11:00:40 Oct 4, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

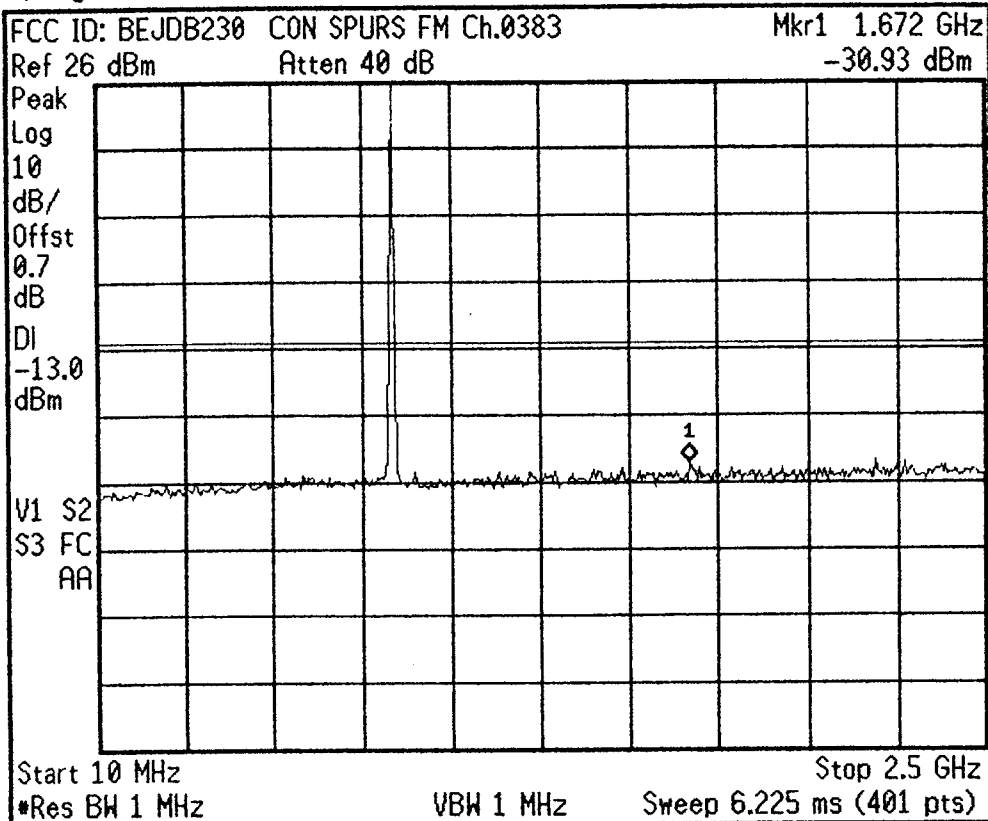
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 11:02:39 Oct 4, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

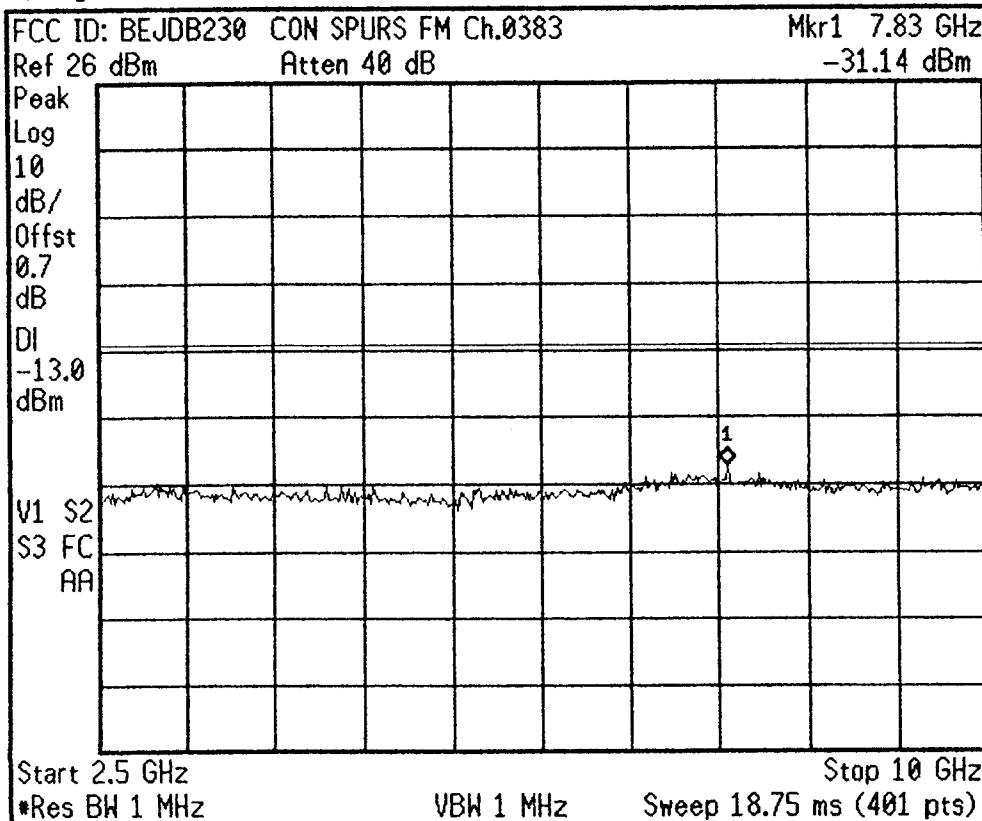
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 11:03:38 Oct 4, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

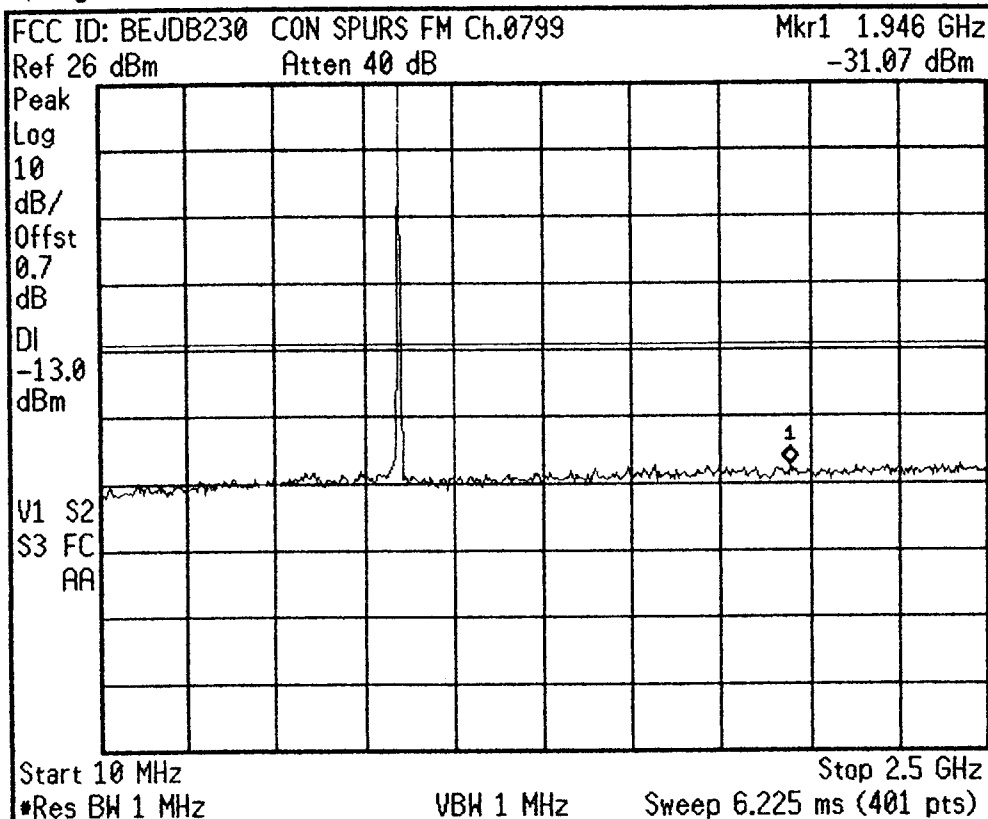
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 11:05:16 Oct 4, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

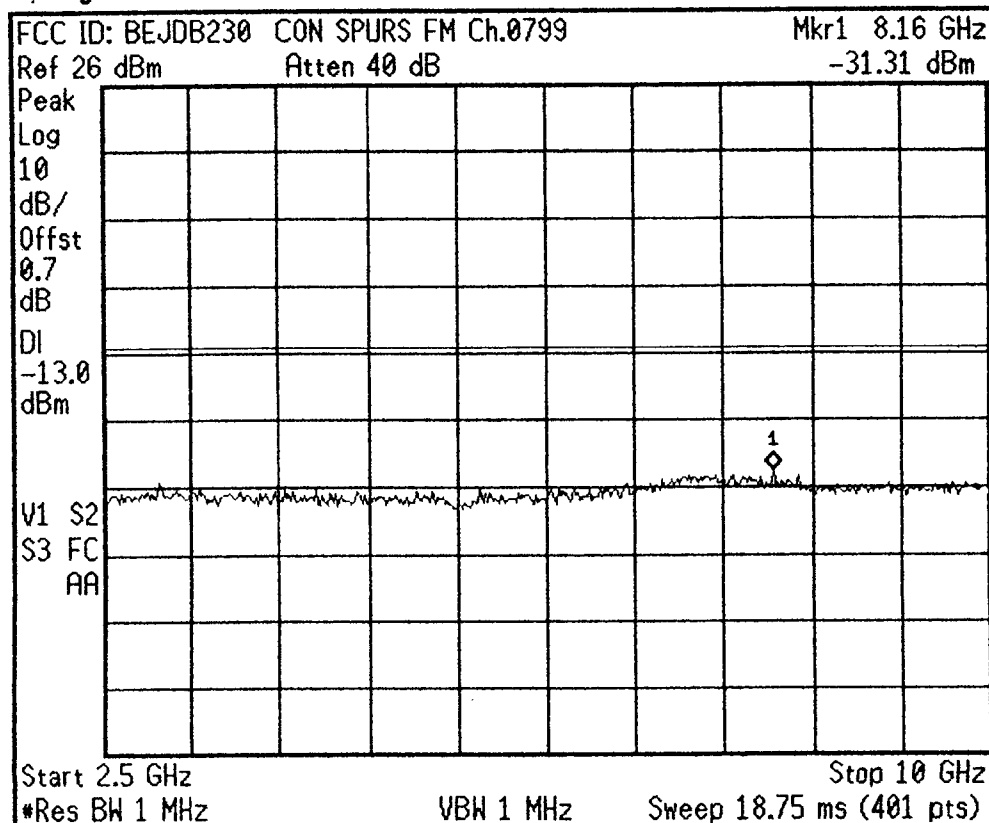
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 11:06:37 Oct 4, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

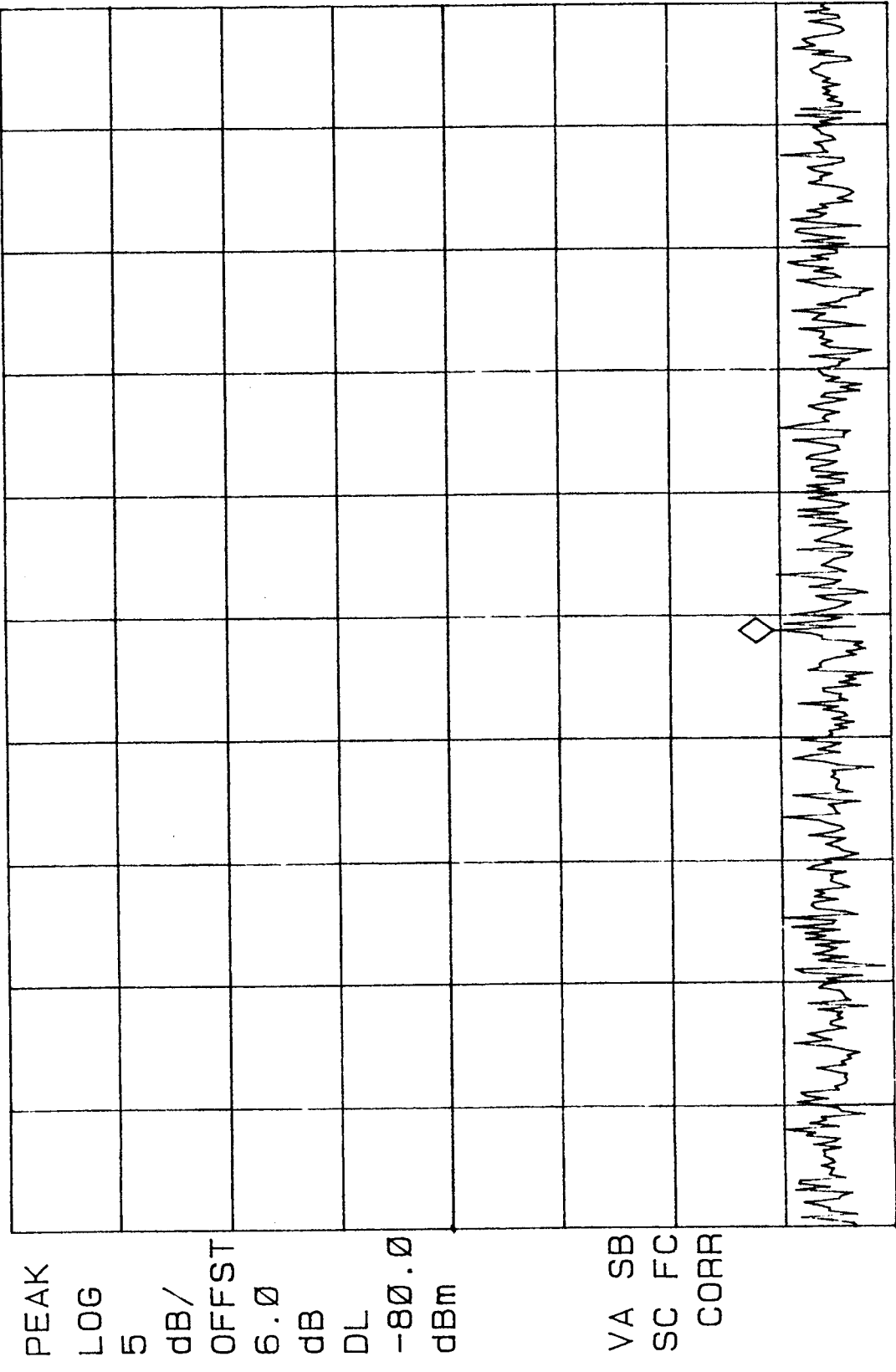
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

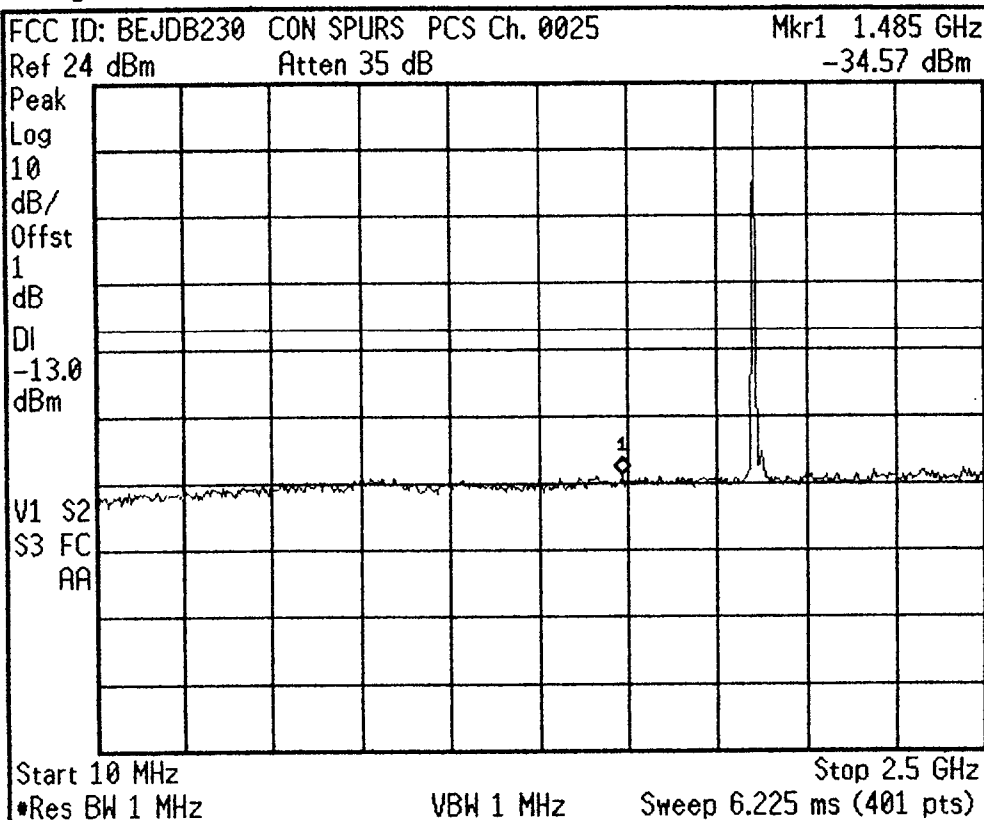
Signal Track
 On Off

FCC ID: BEJDB320 FM MODE MKR 881.19 MHz
 REF -60.0 dBm ATTN 10 dB PG 25.0 dB -94.68 dBm



START 869.00 MHz STOP 894.00 MHz
 #RES BW 300 KHZ #VBW 100 KHZ #SWP 100 msec

Agilent 11:18:15 Oct 4, 2001



Freq/Channel

Center Freq
 1.2500000 GHz

Start Freq
 10.0000000 MHz

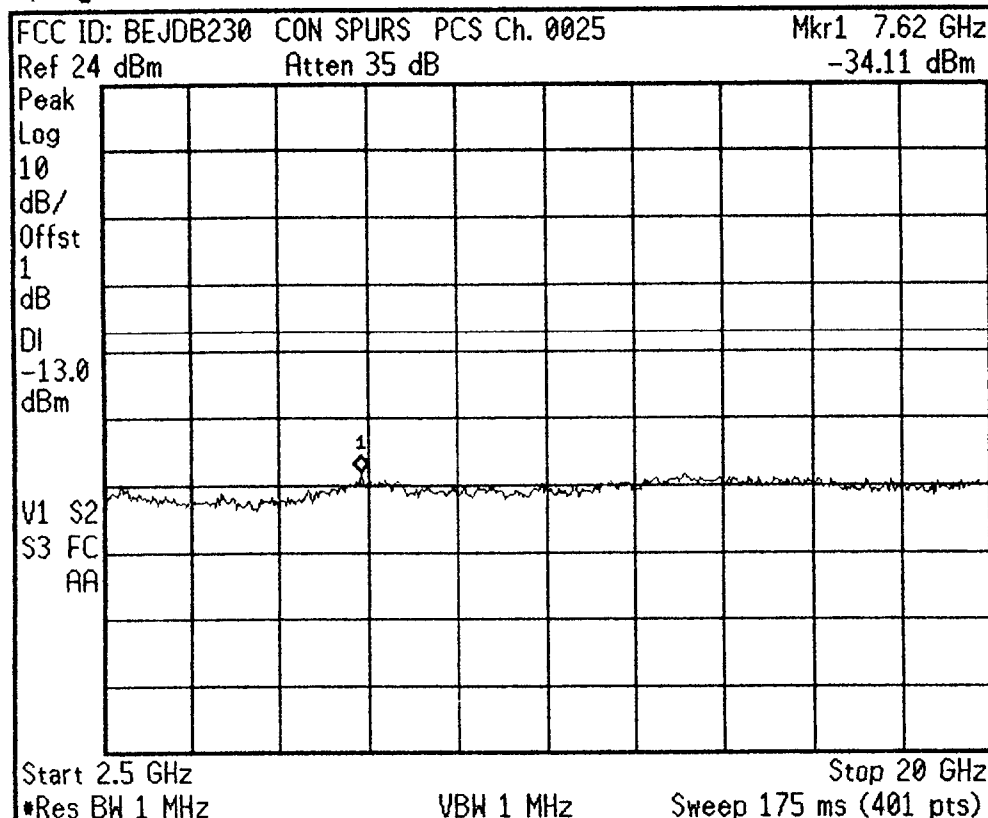
Stop Freq
 2.5000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.0000000 Hz

Signal Track
 On Off

Agilent 11:19:46 Oct 4, 2001



Freq/Channel

Center Freq
 11.2500000 GHz

Start Freq
 2.5000000 GHz

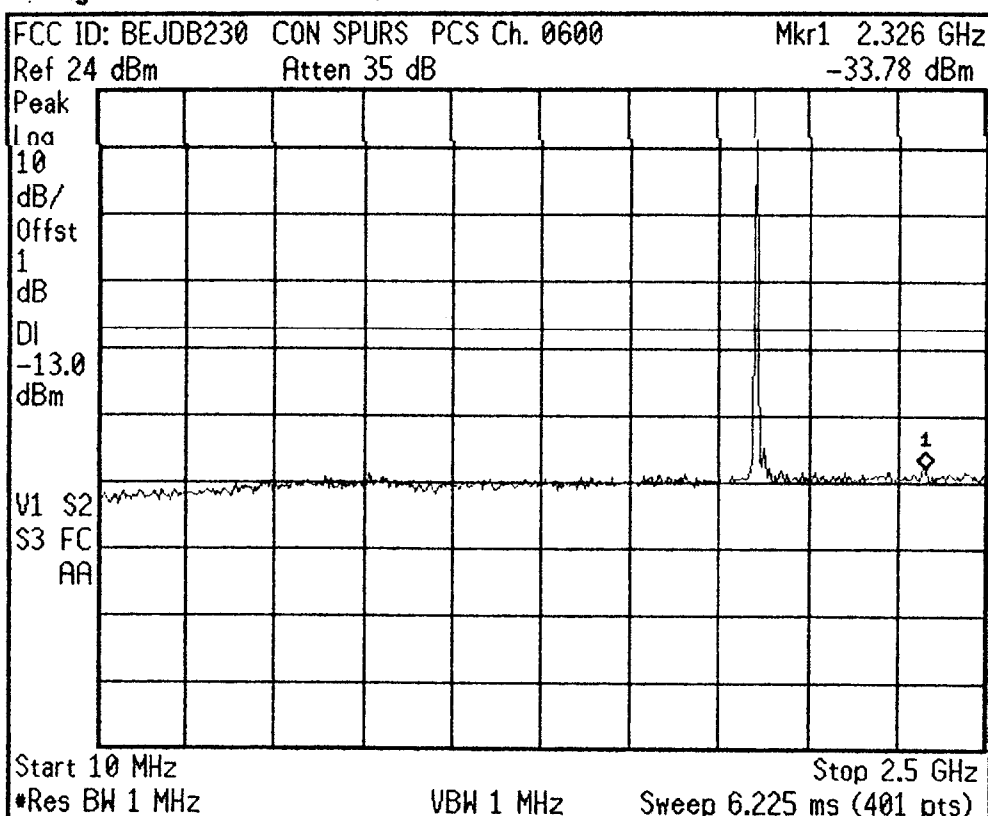
Stop Freq
 20.0000000 GHz

CF Step
 1.7500000 GHz
 Auto Man

Freq Offset
 0.0000000 Hz

Signal Track
 On Off

* Agilent 11:21:20 Oct 4, 2001



Freq/Channel

Center Freq
 1.25000000 GHz

Start Freq
 10.0000000 MHz

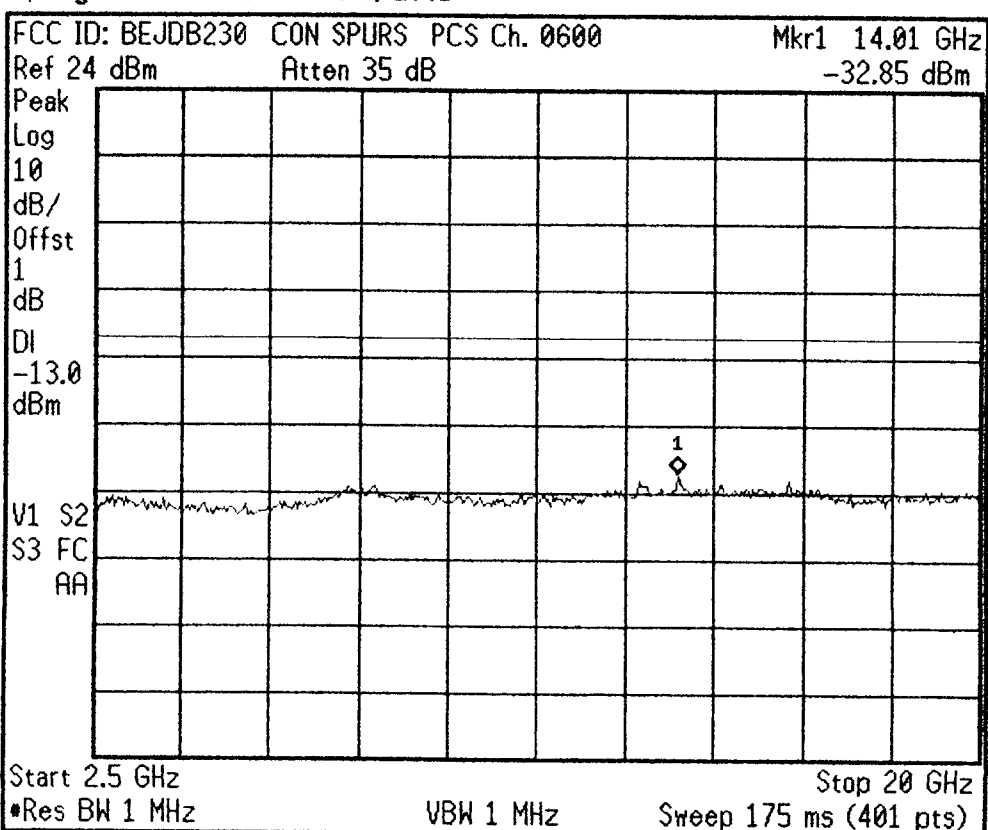
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 11:22:24 Oct 4, 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 11:26:12 Oct 4, 2001

FCC ID: BEJDB230 CON SPURS PCS Ch. 1175 Mkr1 1.516 GHz

Ref 24 dBm Atten 35 dB -34.51 dBm



Start 10 MHz Stop 2.5 GHz
*Res BW 1 MHz VBW 1 MHz Sweep 6.225 ms (401 pts)

Freq/Channel

Center Freq
1.25500000 GHz

Start Freq
10.0000000 MHz

Stop Freq
2.50000000 GHz

CF Step
249.000000 MHz
Auto Man

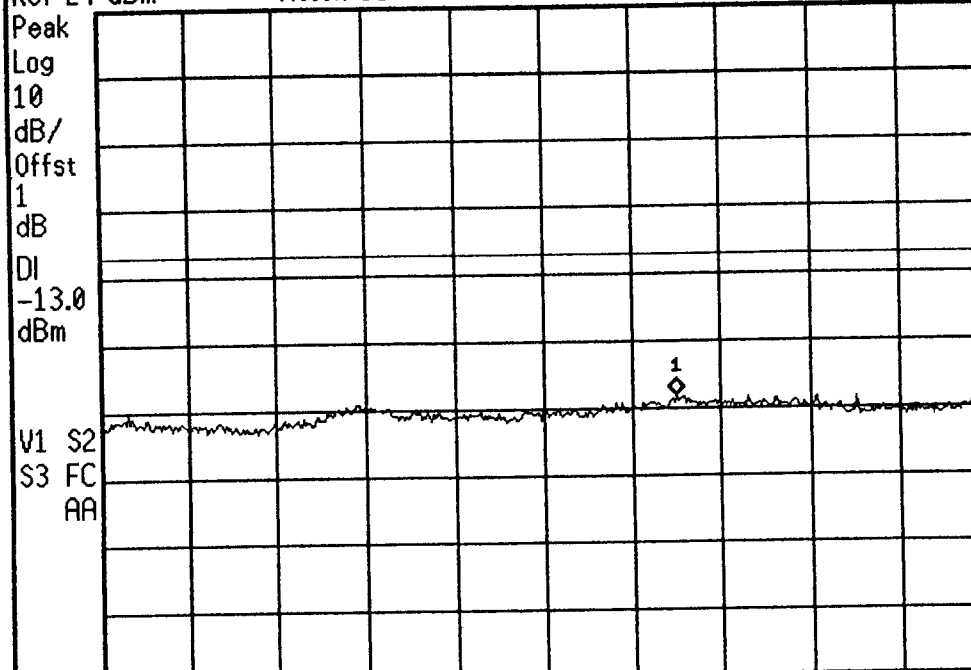
Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 11:27:17 Oct 4, 2001

FCC ID: BEJDB230 CON SPURS PCS Ch. 1175 Mkr1 13.88 GHz

Ref 24 dBm Atten 35 dB -34.13 dBm



Start 2.5 GHz Stop 20 GHz
*Res BW 1 MHz VBW 1 MHz Sweep 175 ms (401 pts)

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 12:06:11 Oct 4, 2001

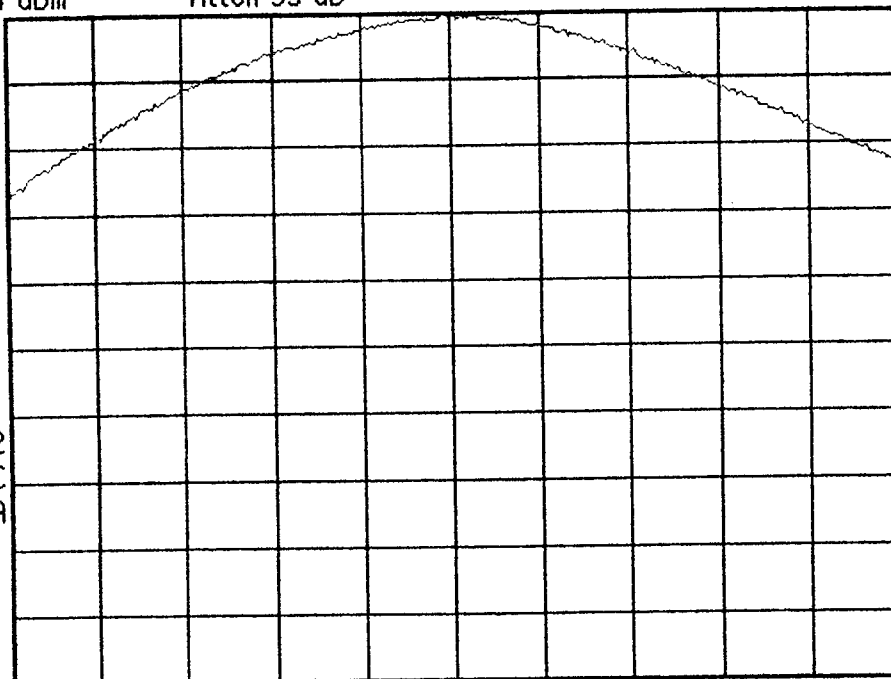
FCC ID: BEJDB230 PWR OUT PCS Ch.0600

Ref 24 dBm

Atten 35 dB

Samp
Log
10
dB/
Offst
1
dB

PAvg
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 12:10:30 Oct 4, 2001

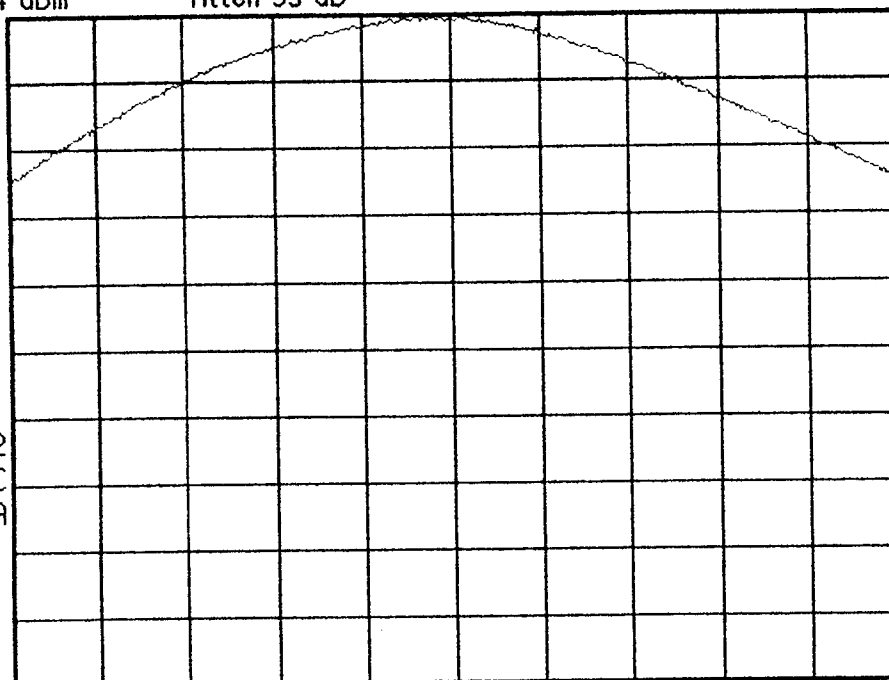
FCC ID: BEJDB230 PWR OUT PCS Ch.1175

Ref 24 dBm

Atten 35 dB

Samp
Log
10
dB/
Offst
1
dB

PAvg
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

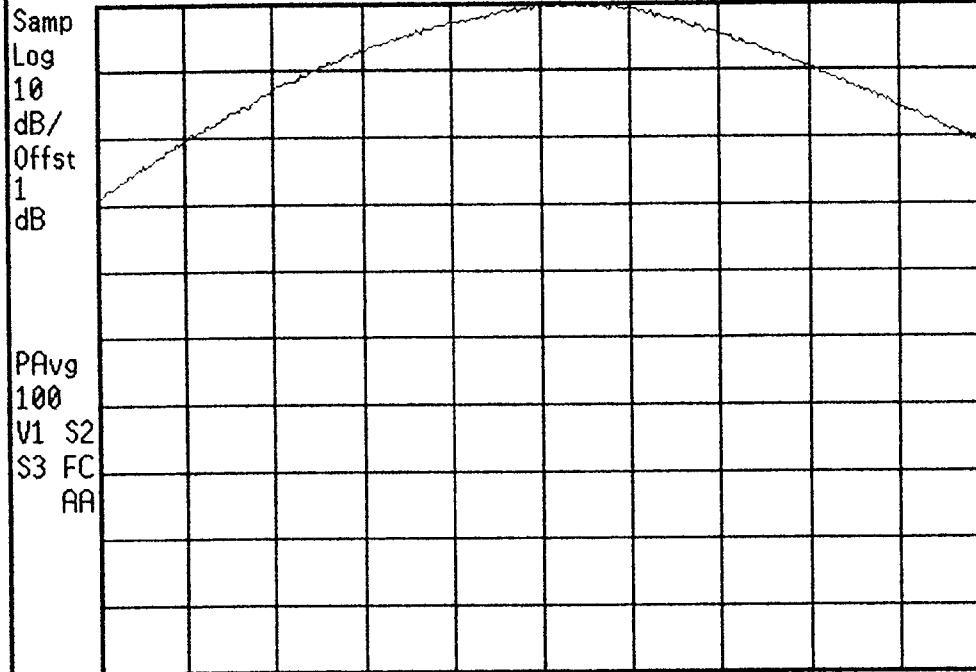
Signal Track

On Off

* Agilent 12:13:26 Oct 4, 2001

FCC ID: BEJDB230 PWR OUT PCS Ch.0025

Ref 24 dBm Atten 35 dB



Center 1.851 GHz Span 10 MHz
 *Res BW 3 MHz *VBW 3 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

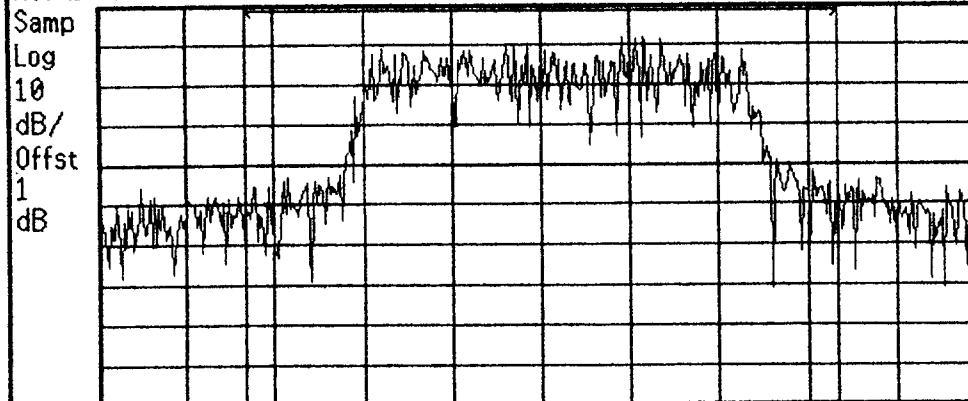
Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 12:16:15 Oct 4, 2001

FCC ID: BEJDB230 PWR OUT PCS Ch.0025

Ref 24 dBm Atten 35 dB



Center 1.851 GHz Span 3 MHz
 *Res BW 30 kHz *VBW 300 kHz Sweep 9.167 ms (401 pts)

Freq/Channel

Center Freq
1.85120000 GHz

Start Freq
1.84970000 GHz

Stop Freq
1.85270000 GHz

CF Step
300.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Channel Power Results (Idle)

Channel Power
24.01 dBm

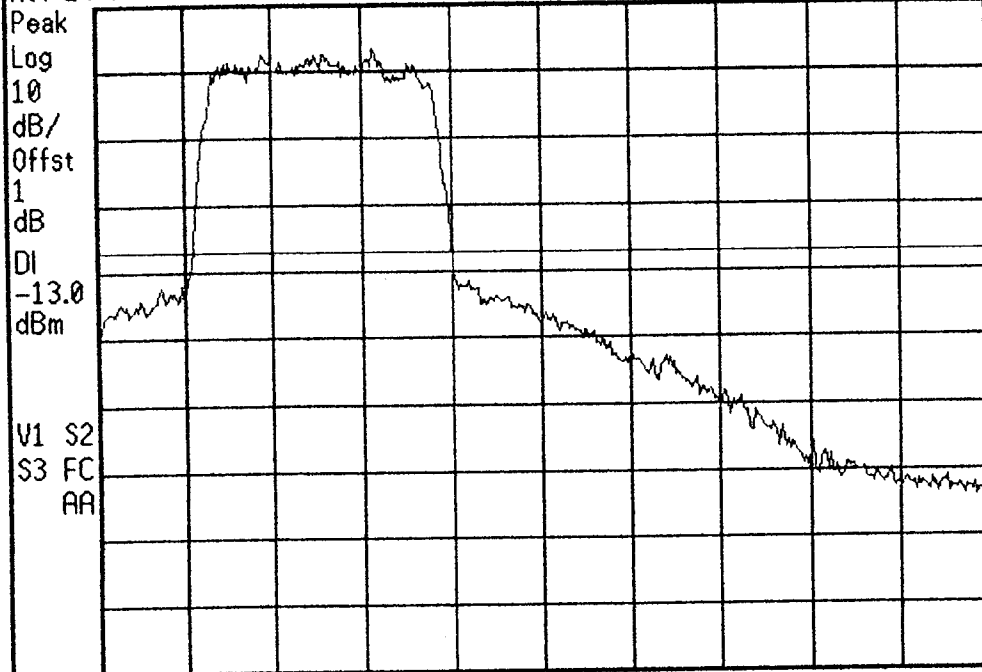
Integration BW 2.000 MHz

Density -39.00 dBm/Hz

* Agilent 12:43:03 Oct 4, 2001

FCC ID: BEJDB230 BAND EDGE PCS Ch.1175

Ref 24 dBm Atten 35 dB



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

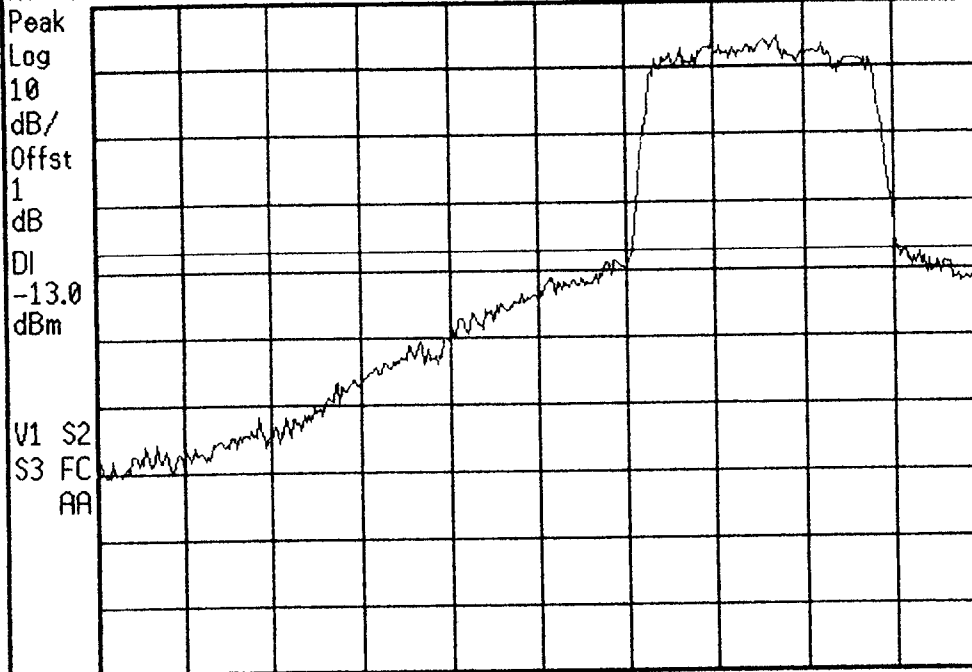
On

Off

* Agilent 12:45:28 Oct 4, 2001

FCC ID: BEJDB230 BAND EDGE PCS Ch.0025

Ref 24 dBm Atten 35 dB



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

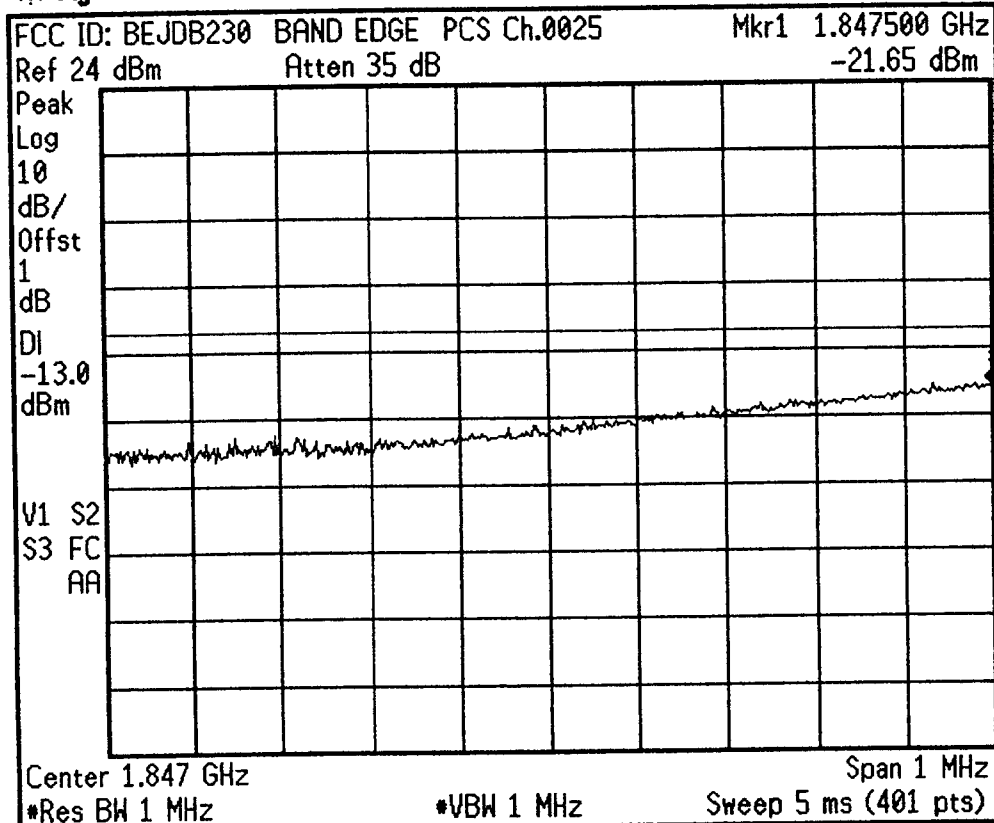
0.00000000 Hz

Signal Track

On

Off

* Agilent 12:55:40 Oct 4, 2001



Freq/Channel

Center Freq
 1.84700000 GHz

Start Freq
 1.84650000 GHz

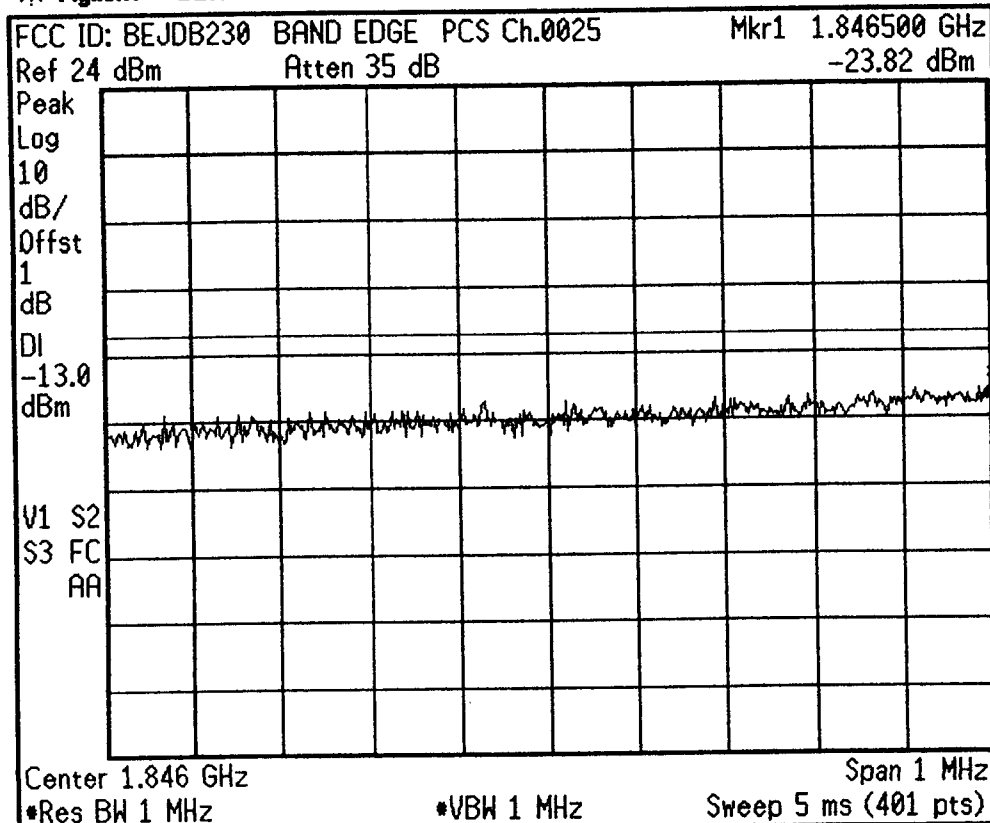
Stop Freq
 1.84750000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:58:07 Oct 4, 2001



Freq/Channel

Center Freq
 1.84600000 GHz

Start Freq
 1.84550000 GHz

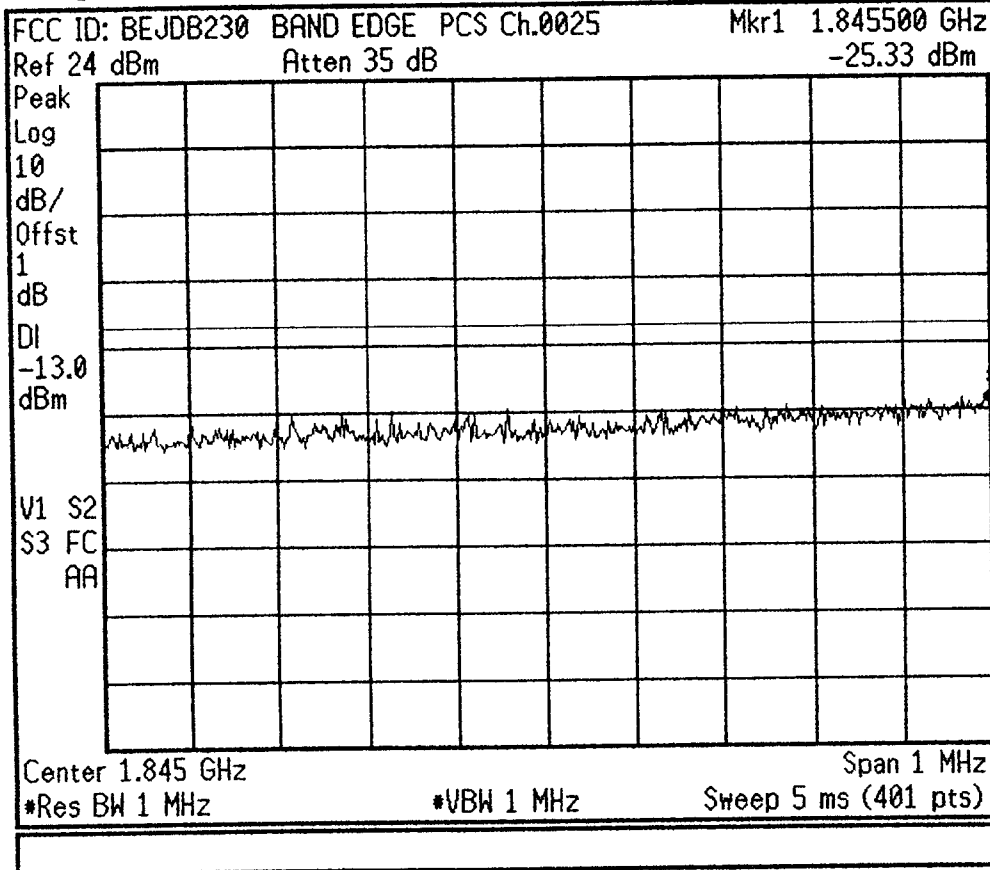
Stop Freq
 1.84650000 GHz

CF Step
 100.000000 kHz
 Auto Man

Freq Offset
 0.00000000 Hz

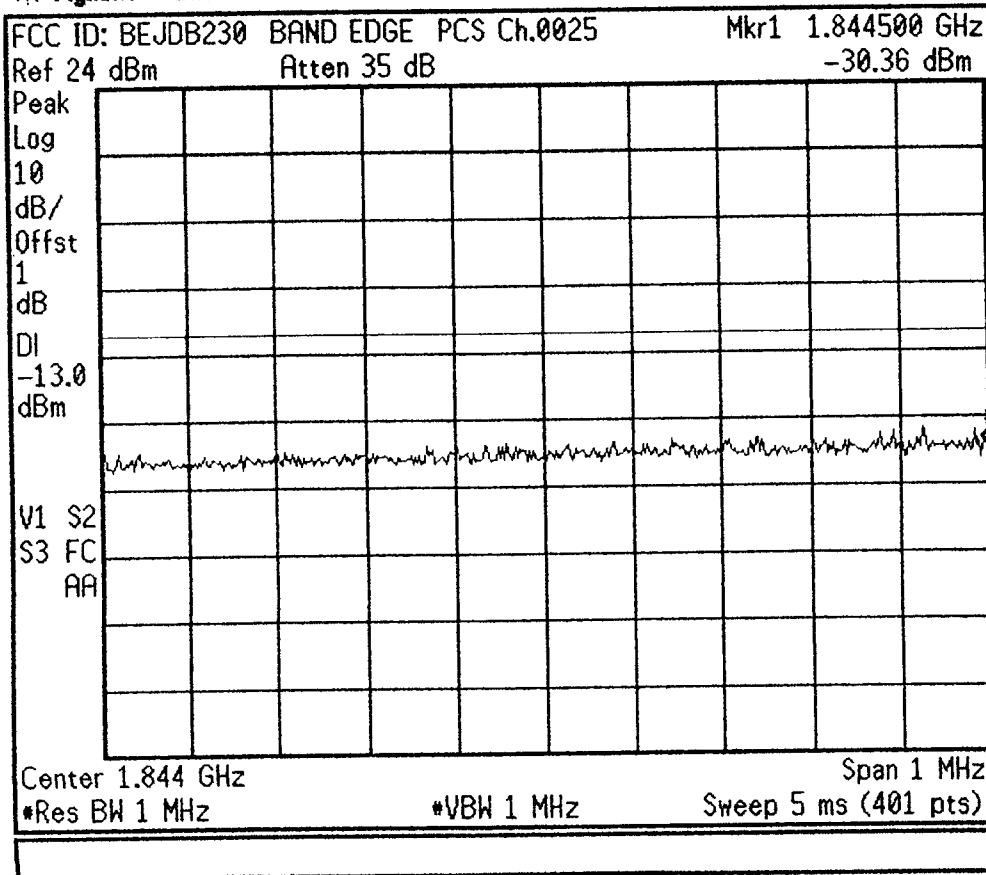
Signal Track
 On Off

* Agilent 12:50:53 Oct 4, 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 12:52:41 Oct 4, 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

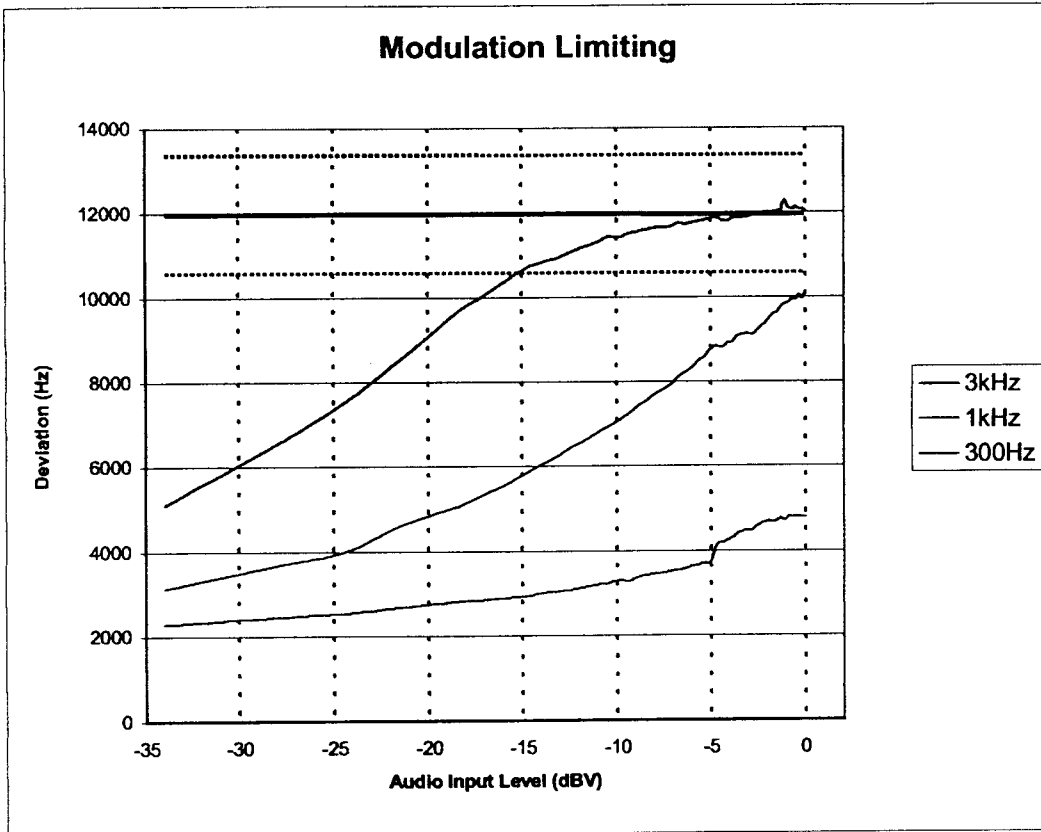
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 24/22

Test Report No.: 24/22.211002571.BBJ
Test Date: 10.02.2001

EUT: LGE Dual-Band Analog/PCS Phone (AMPS/CDMA)
Model: LG-DB230
FCC ID: BEJDB230

REFERENCE: 1 kHz = 0 dB



LGE Dual-Band ANALOG/PCS Phone (AMPS/CDMA)
FCC ID: BEJDB230

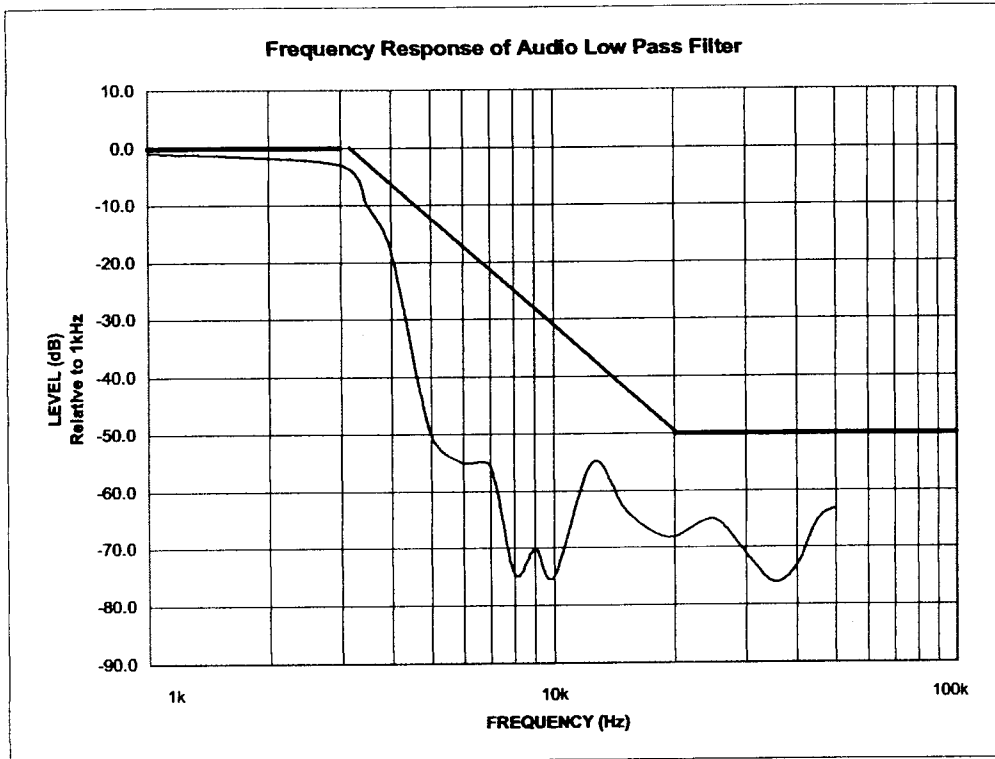
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 24/22

Test Report No.: 24/22.211002571.BEJ
Test Date: 10.02.2001

EUT: LGE Dual-Band Analog/PCS Phone (AMPS/CDMA)
Model: LG-DB230
FCC ID: BEJDB230

REFERENCE: 1 kHz = 0 dB



LGE Dual-Band ANALOG/PCS Phone (AMPS/CDMA)
FCC ID: BEJDB230

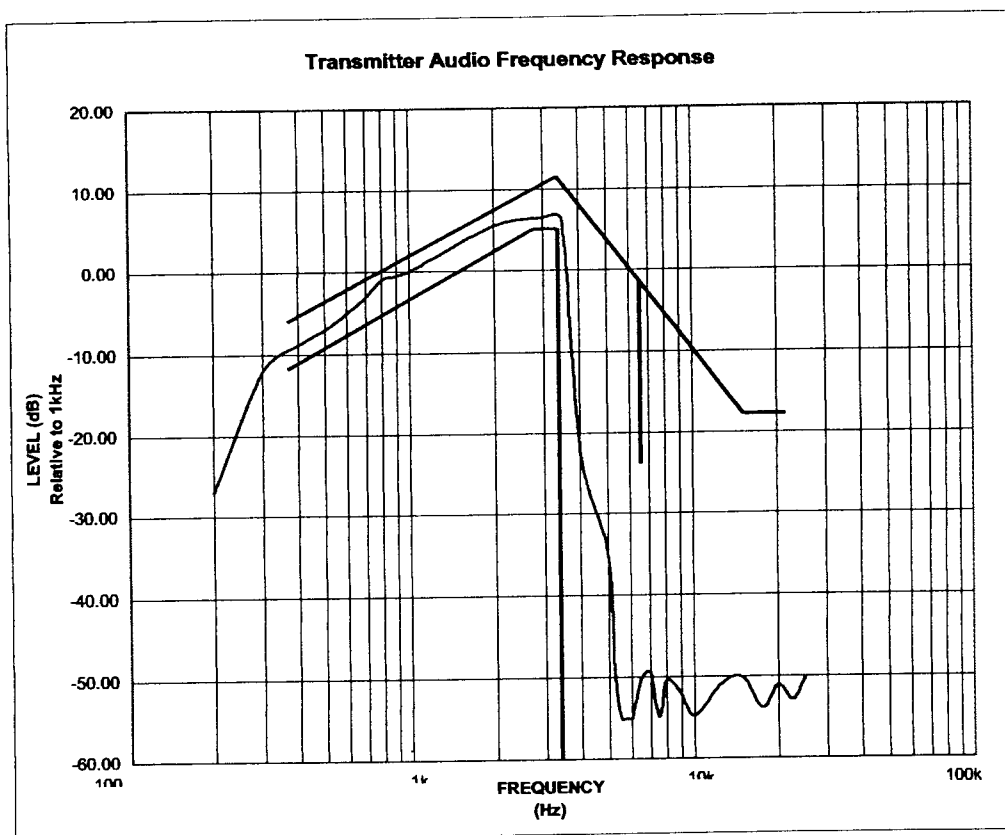
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 24/22

Test Report No.: 24/22.211002571.BEJ
Test Date: 10.02.2001

EUT: LGE Dual-Band Analog/PCS Phone (AMPS/CDMA)
Model: LG-DB230
FCC ID: BEJDB230

REFERENCE: 1 kHz = 0 dB



LGE Dual-Band ANALOG/PCS Phone (AMPS/CDMA)
FCC ID: BEJDB230