

ATTACHMENT D – TEST PLOTS

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB525

LGE DUAL BAND PHONE

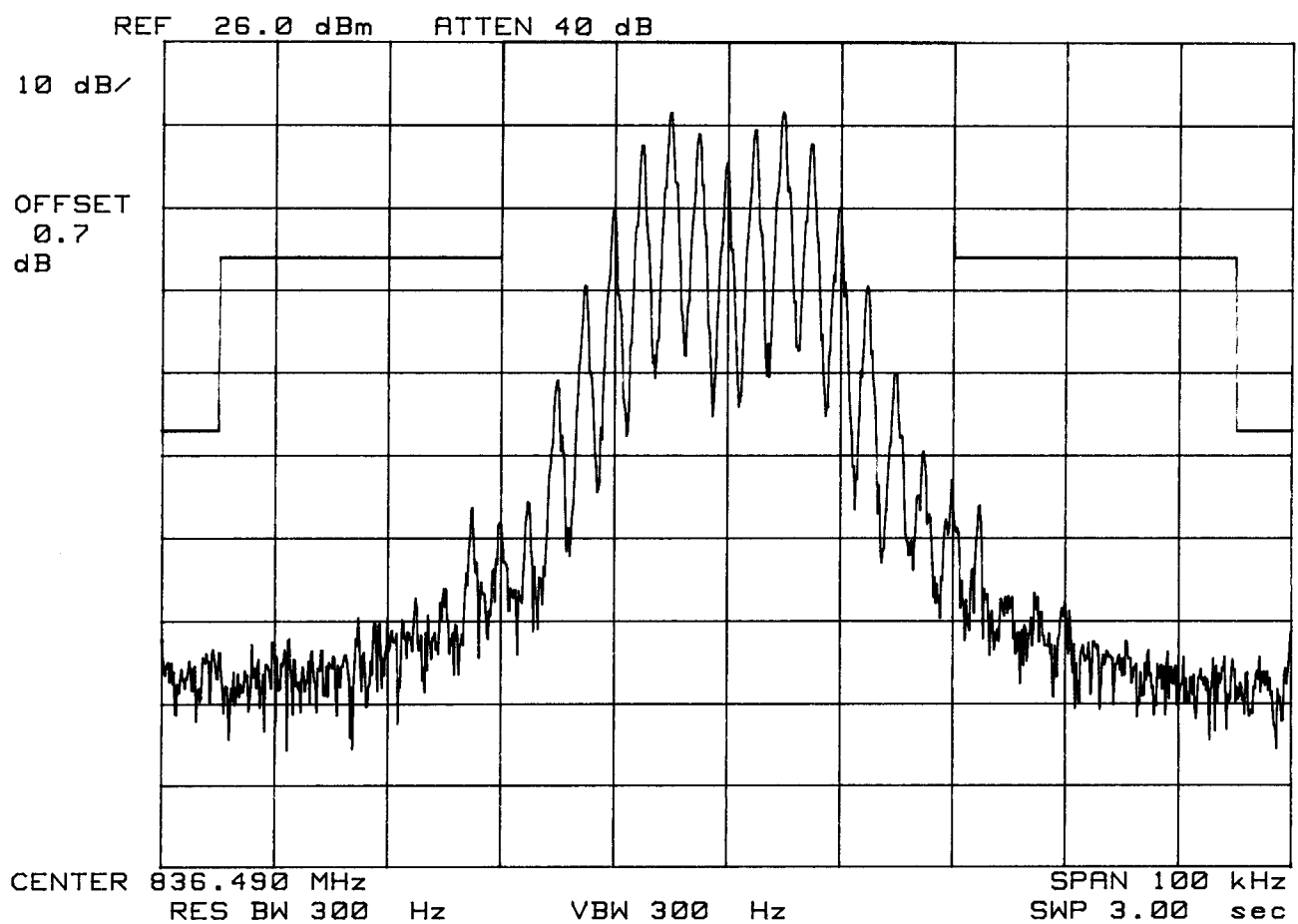
FM MODE

CHANNEL 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB525

LGE DUAL BAND PHONE

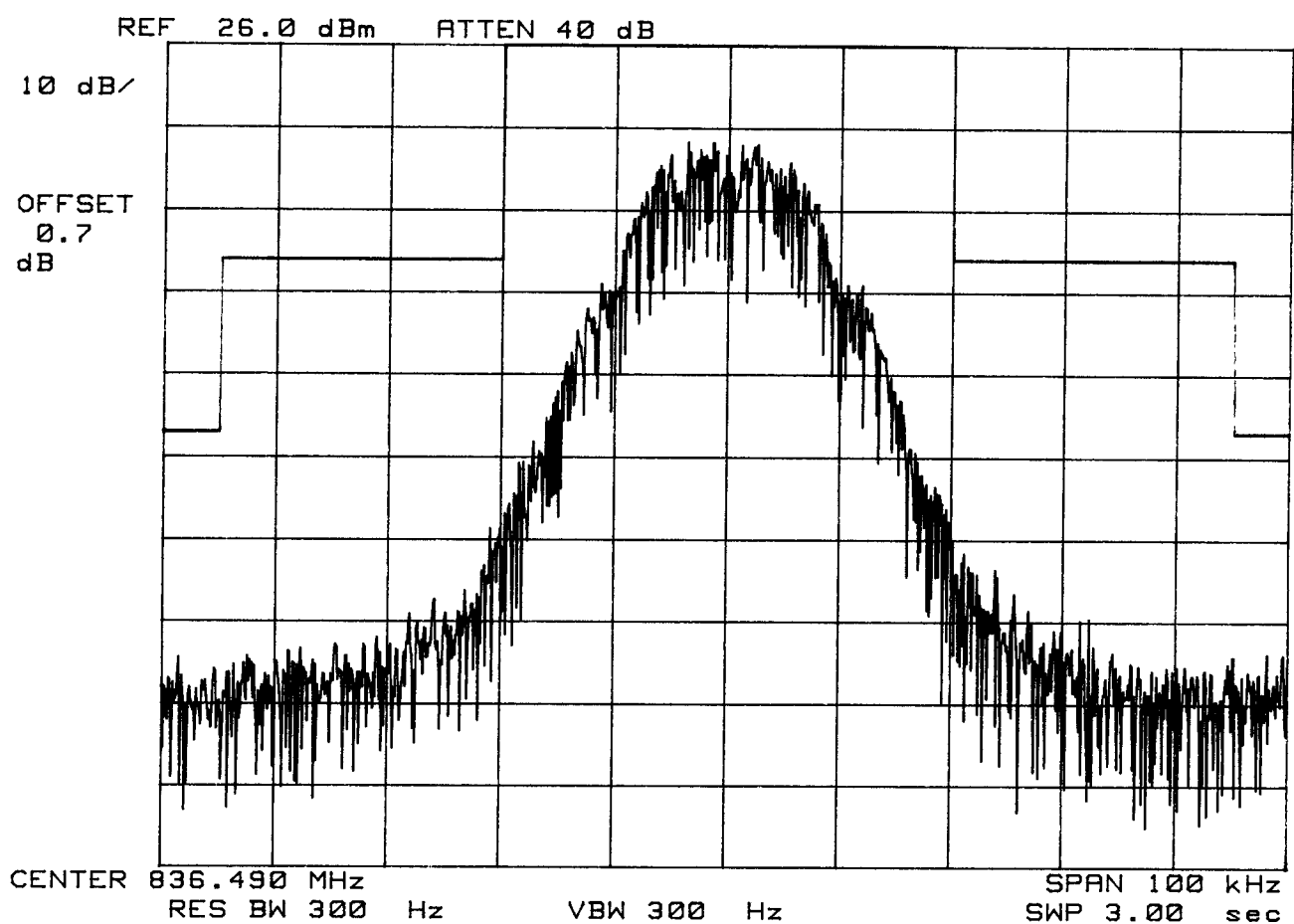
FM MODE

CHANNEL 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + DTMF



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB525

LGE DUAL BAND PHONE

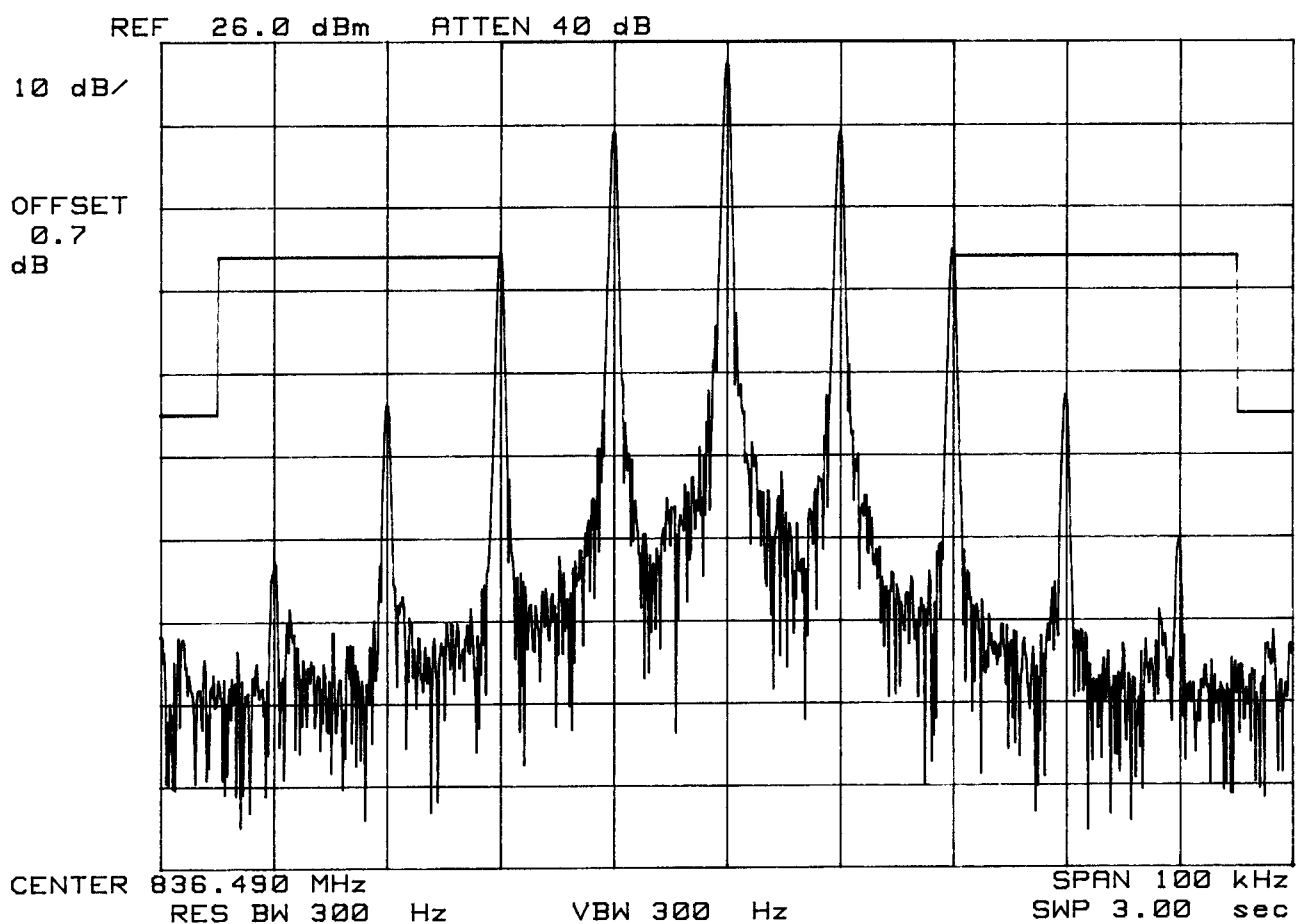
FM MODE

CHANNEL 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB525

LGE DUAL BAND PHONE

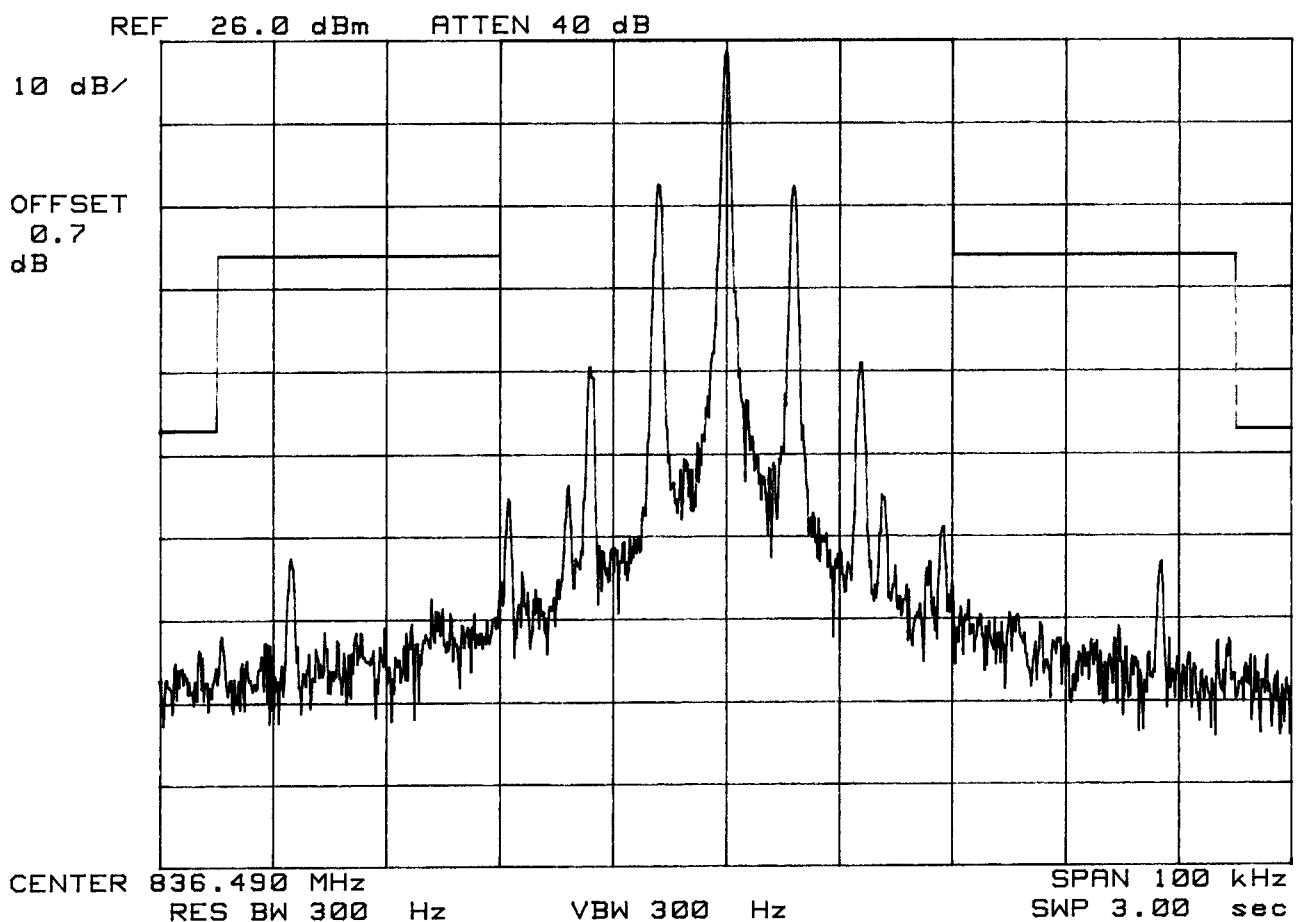
FM MODE

CHANNEL 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB525

LGE DUAL BAND PHONE

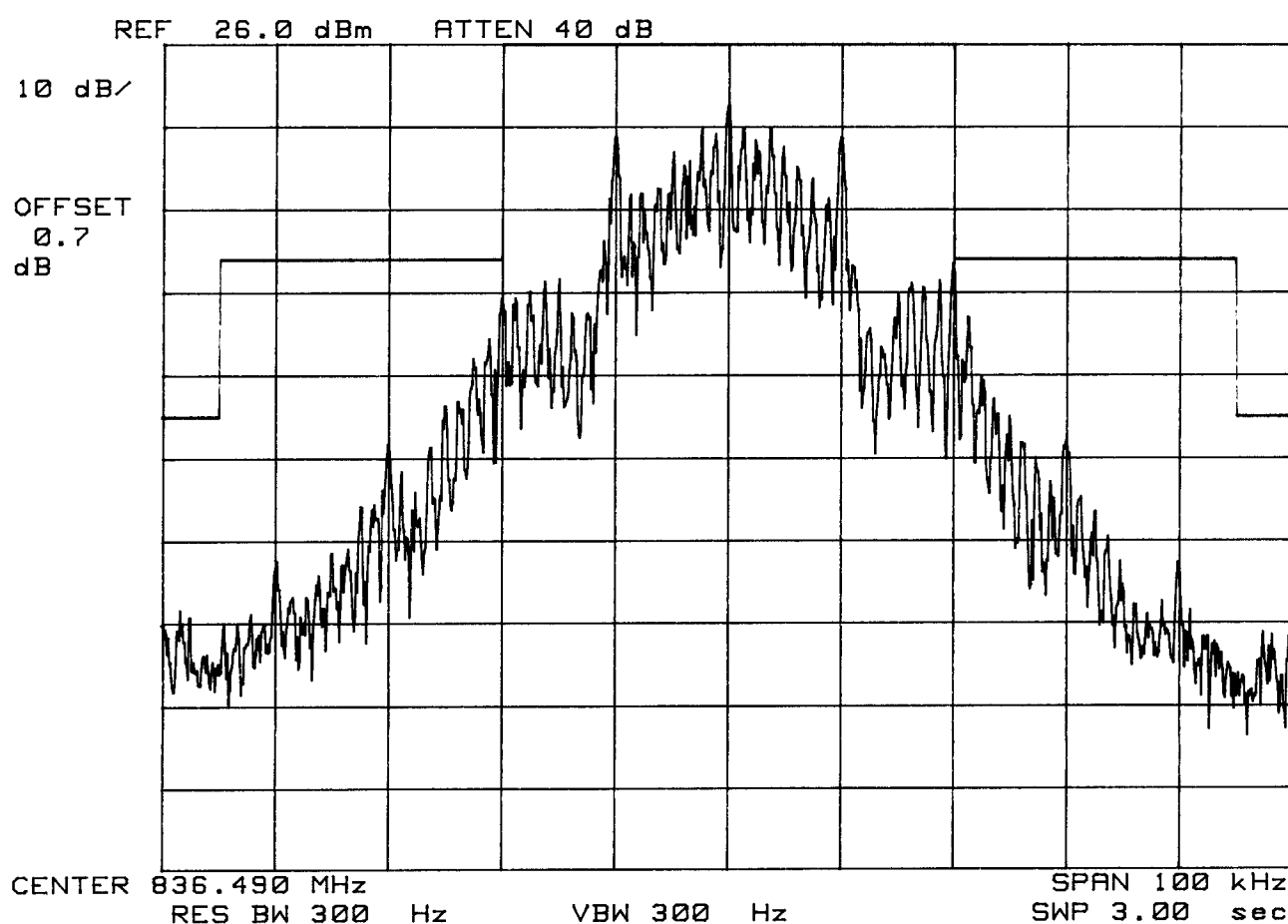
FM MODE

CHANNEL 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Wide Band Data



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB525

LGE DUAL BAND PHONE

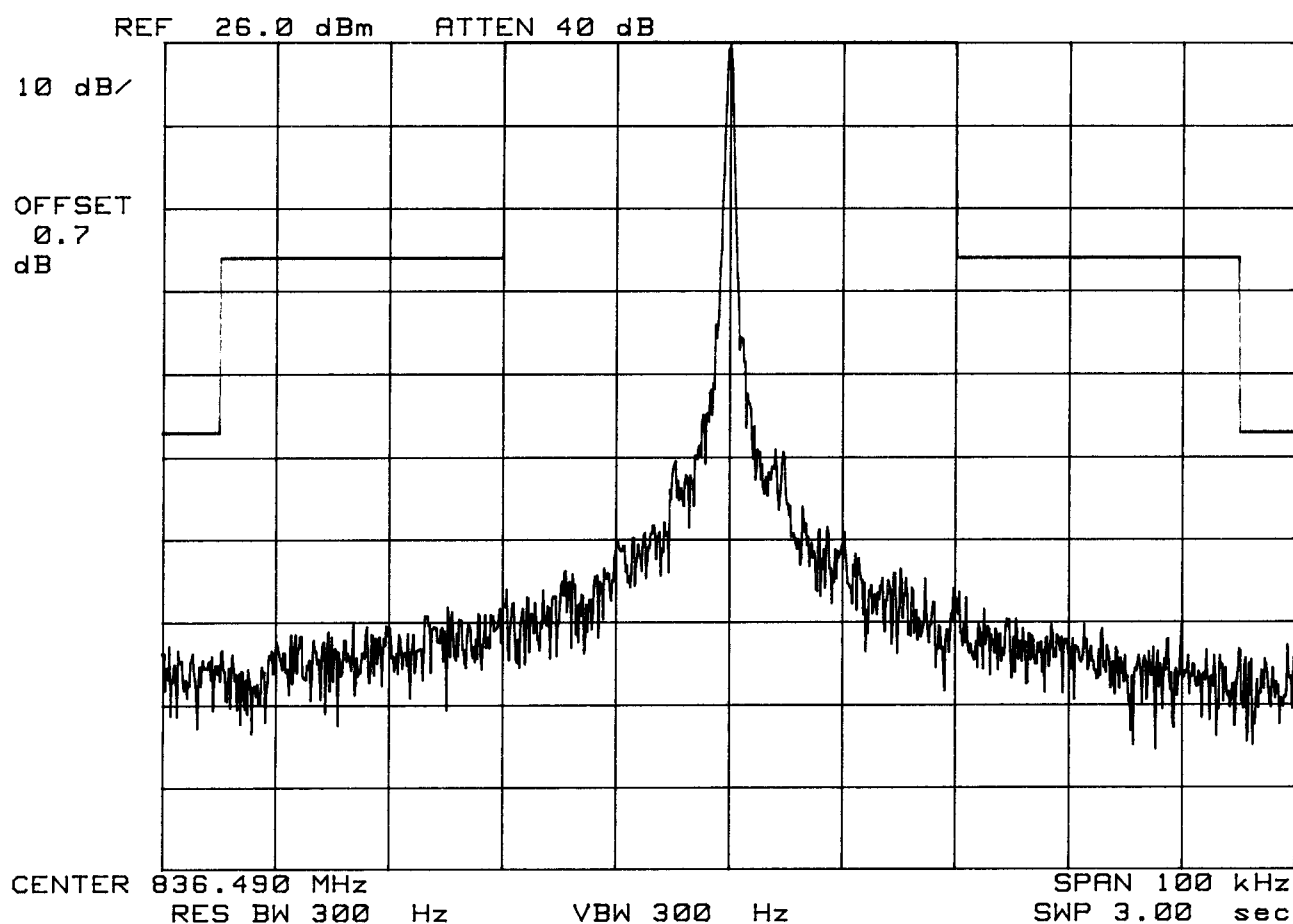
FM MODE

CHANNEL 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDB525

LGE DUAL BAND PHONE

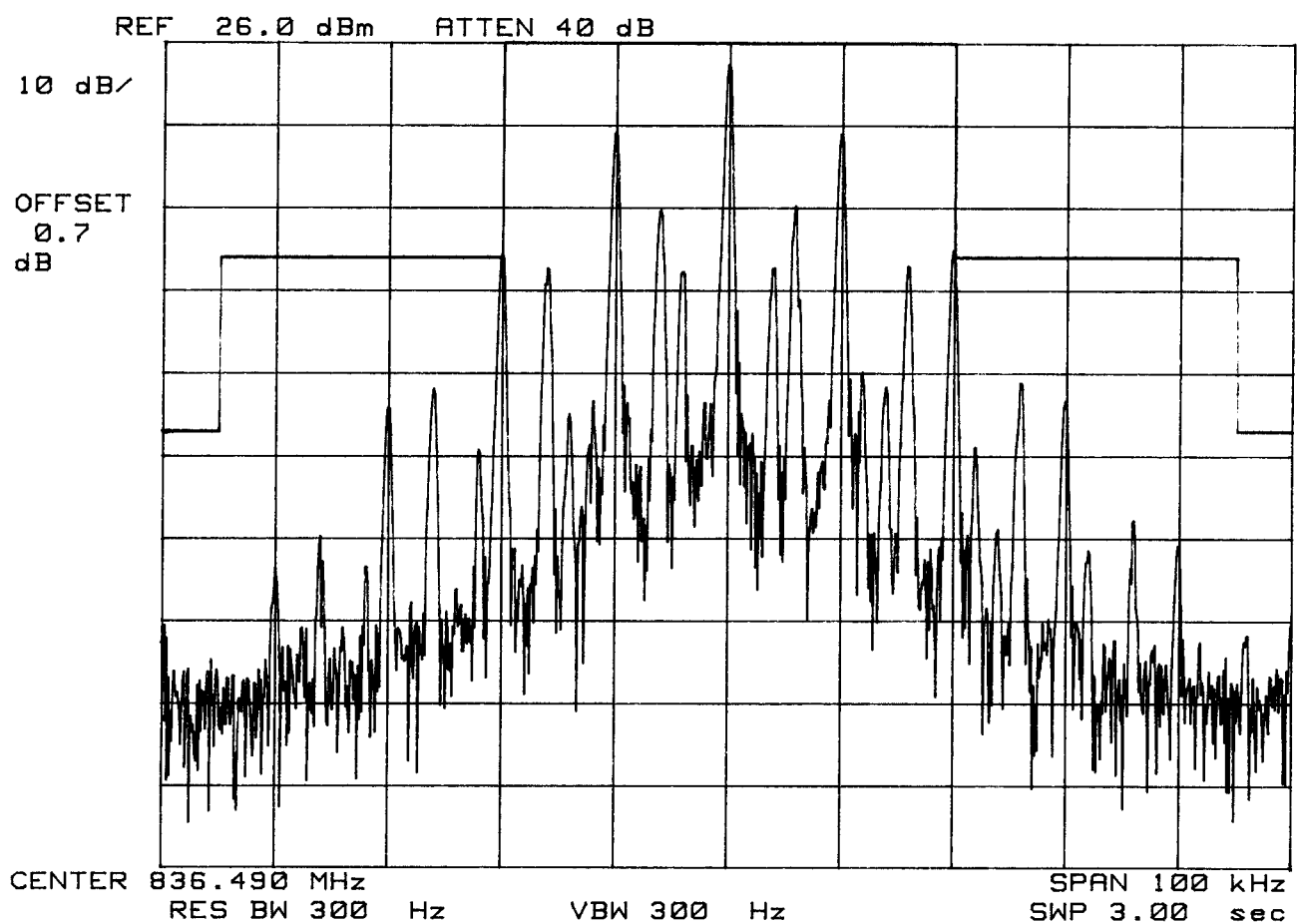
FM MODE

CHANNEL 383

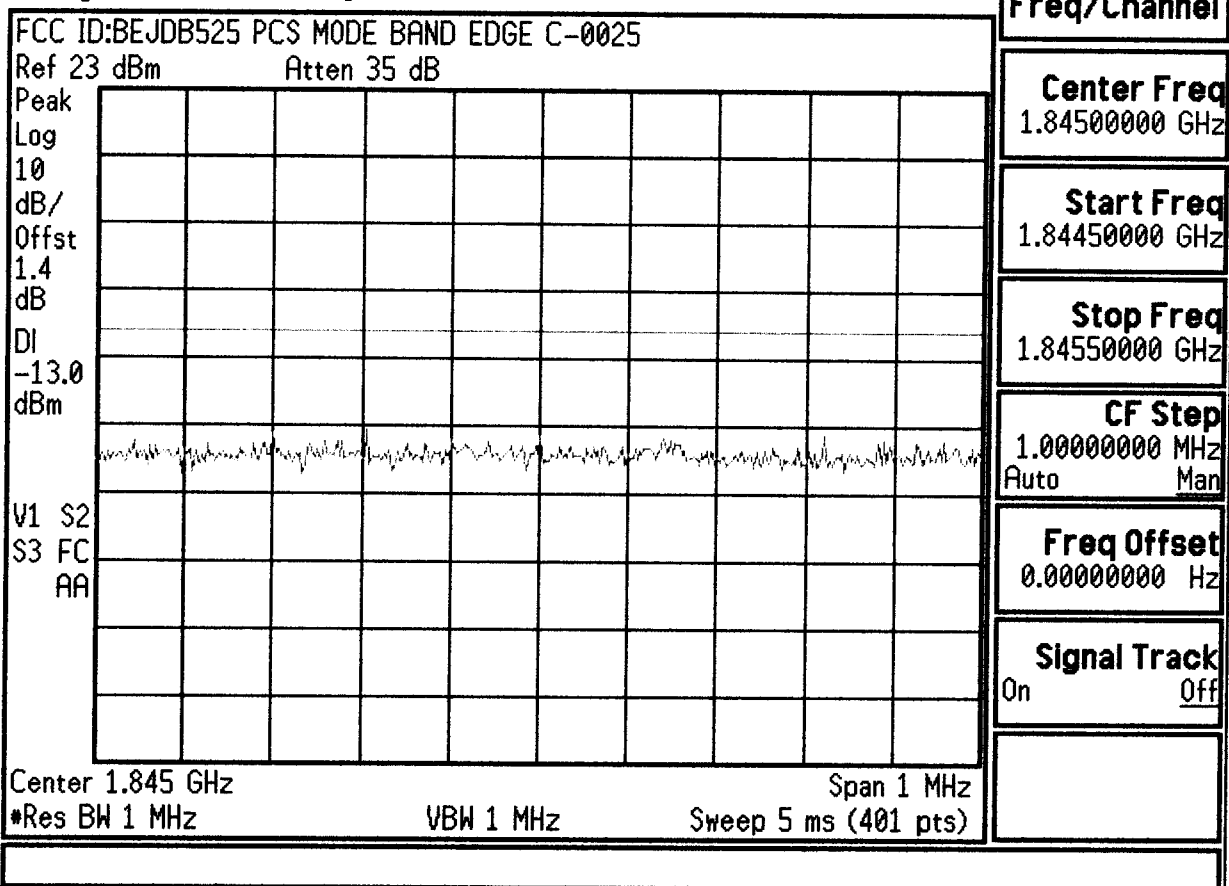
Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

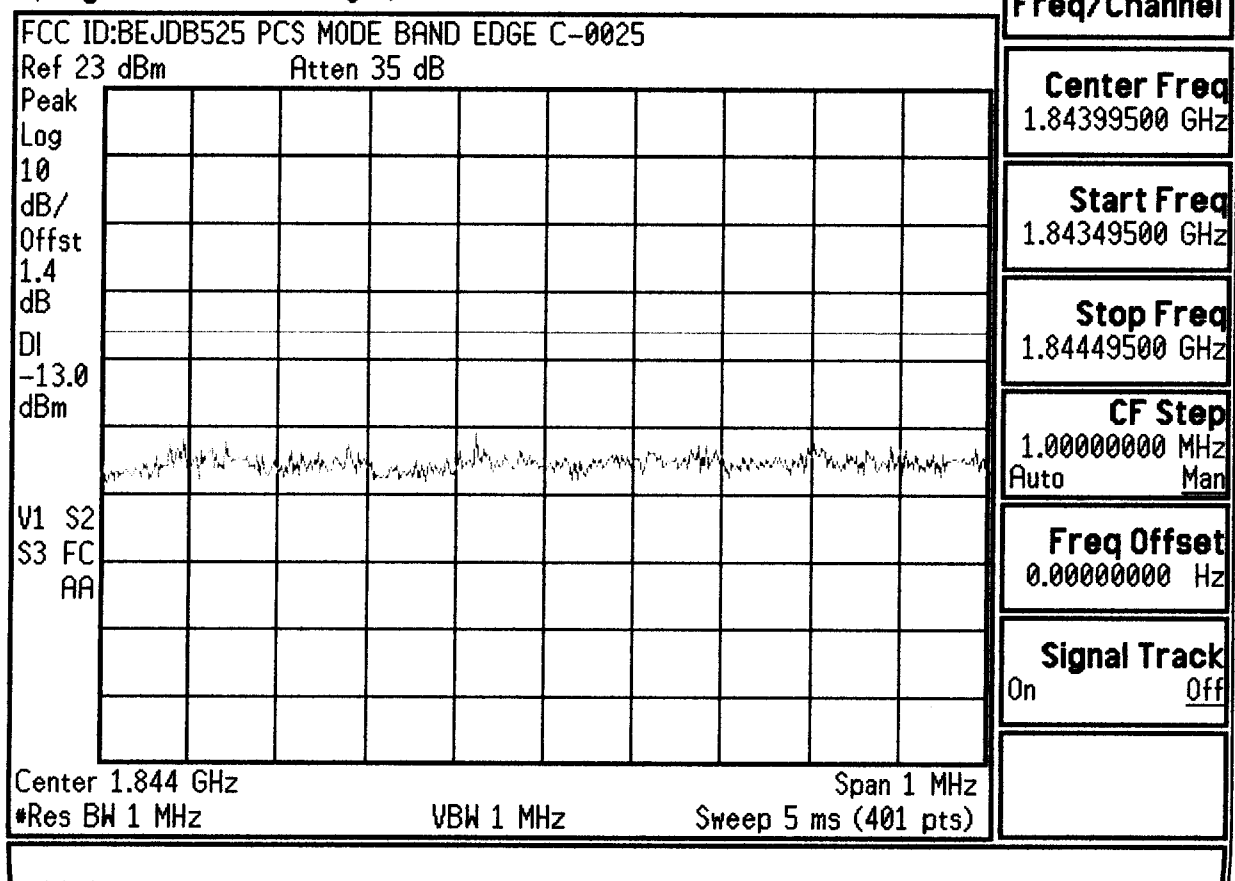
Test Mode:SAT + ST



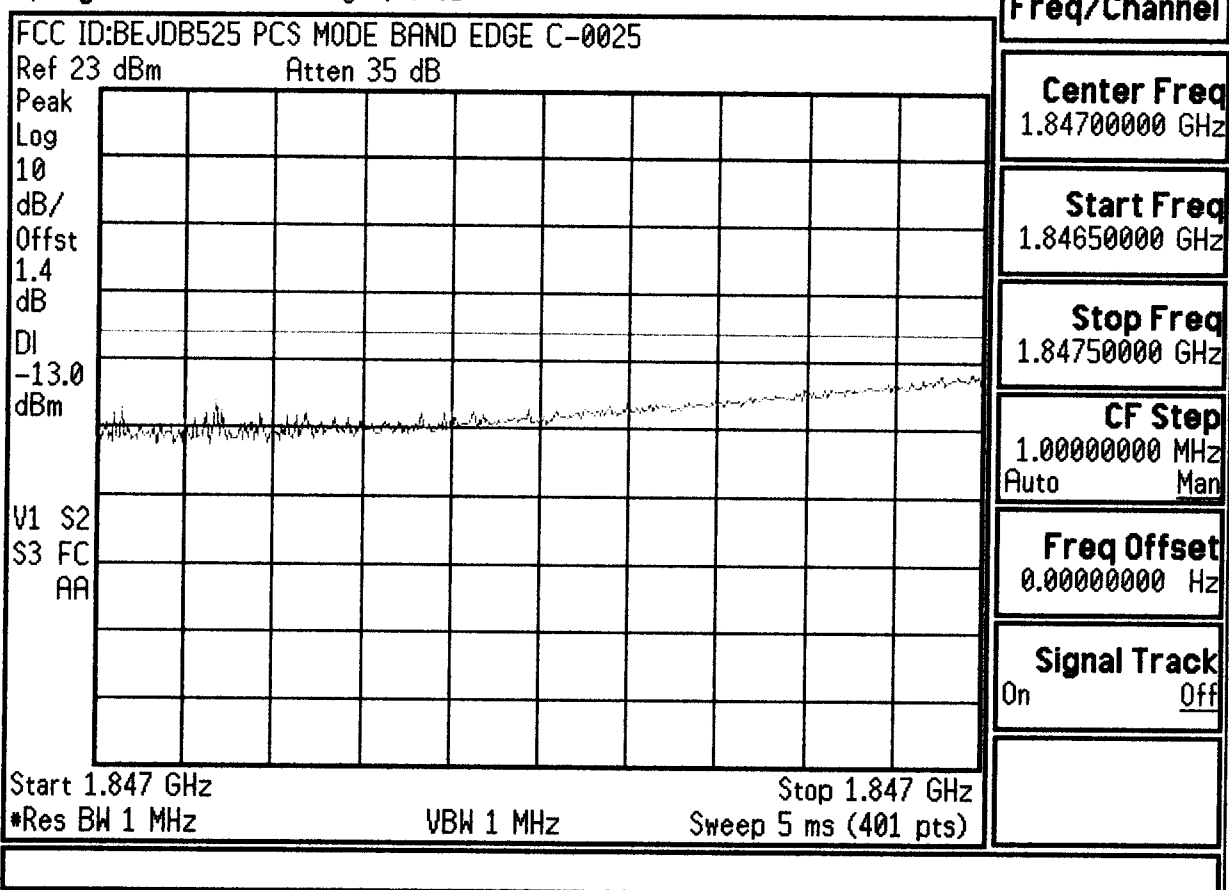
* Agilent 07:49:49 Aug 1, 2001



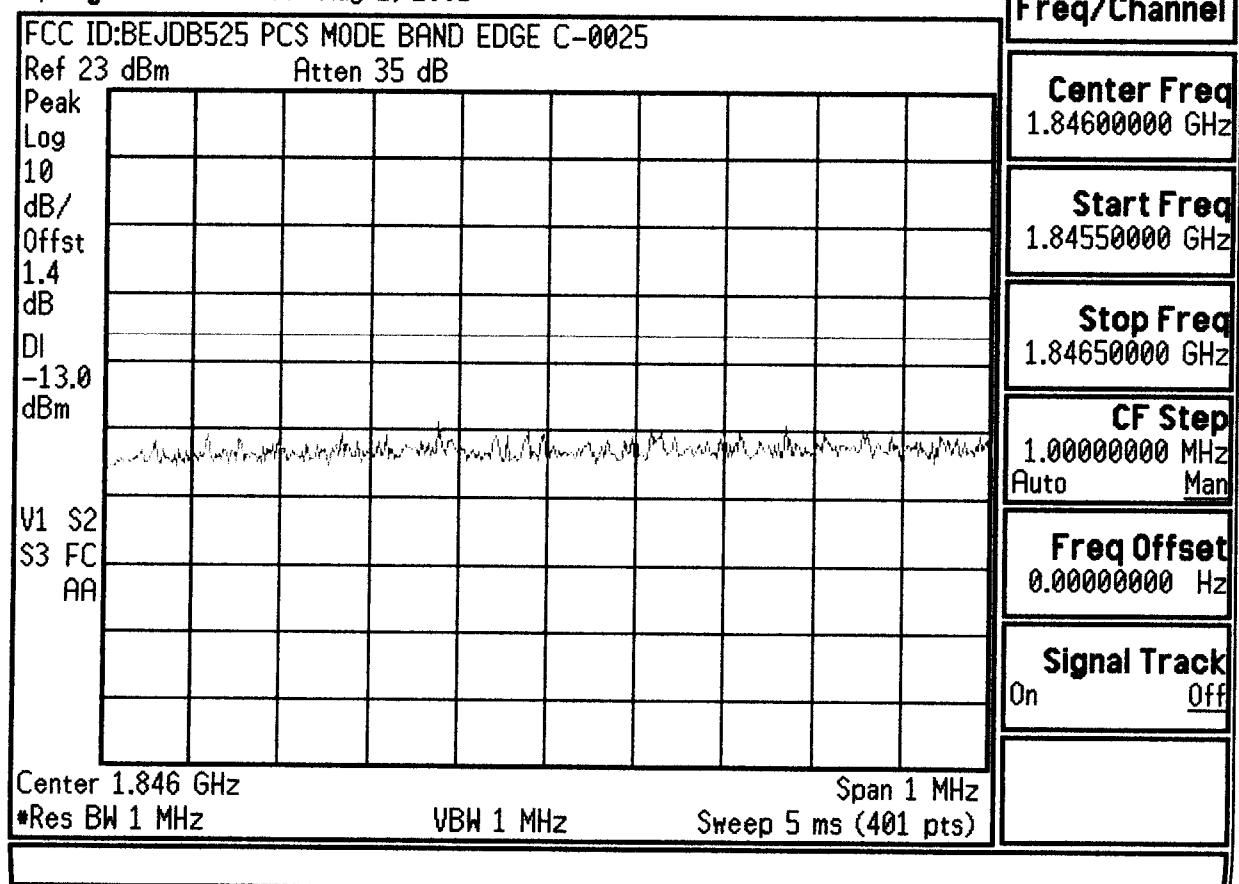
* Agilent 07:50:34 Aug 1, 2001



* Agilent 07:48:41 Aug 1, 2001



* Agilent 07:49:16 Aug 1, 2001



* Agilent 07:33:40 Aug 1, 2001

FCC ID:BEJDB525 PCS MODE BAND EDGE C-0025

Ref 23 dBm

Atten 35 dB

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 1.85 GHz

*Res BW 30 kHz

VBW 30 kHz

Sweep 13.89 ms (401 pts)

Span 5 MHz

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 07:35:25 Aug 1, 2001

FCC ID:BEJDB525 PCS MODE BAND EDGE C-1175

Ref 23 dBm

Atten 35 dB

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 1.91 GHz

*Res BW 30 kHz

VBW 30 kHz

Sweep 13.89 ms (401 pts)

Span 5 MHz

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

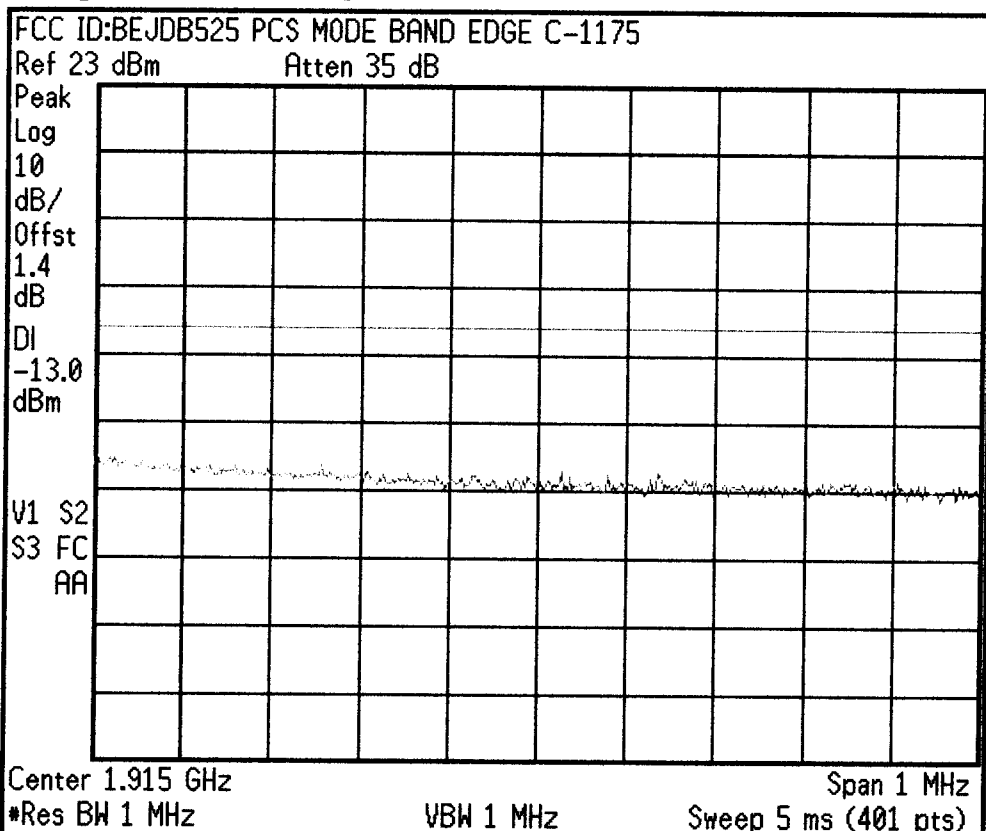
0.00000000 Hz

Signal Track

On

Off

* Agilent 07:41:17 Aug 1, 2001



Freq/Channel

Center Freq
 1.91500000 GHz

Start Freq
 1.91450000 GHz

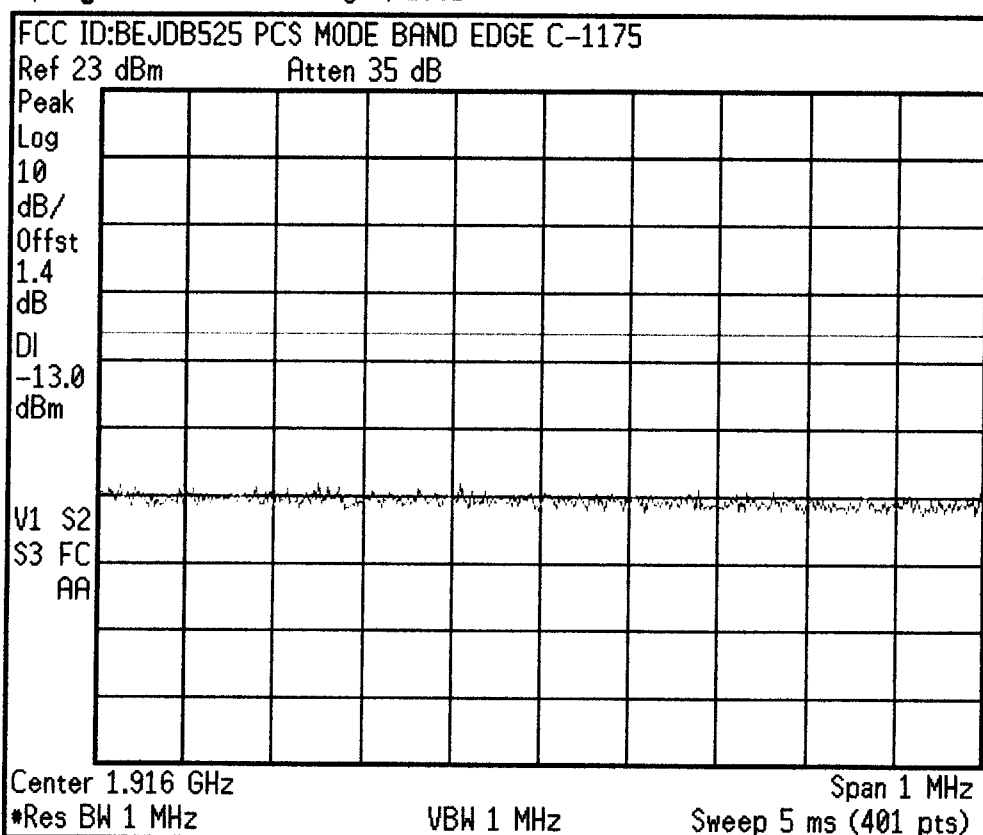
Stop Freq
 1.91550000 GHz

CF Step
 1.00000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 07:42:43 Aug 1, 2001



Freq/Channel

Center Freq
 1.91600000 GHz

Start Freq
 1.91550000 GHz

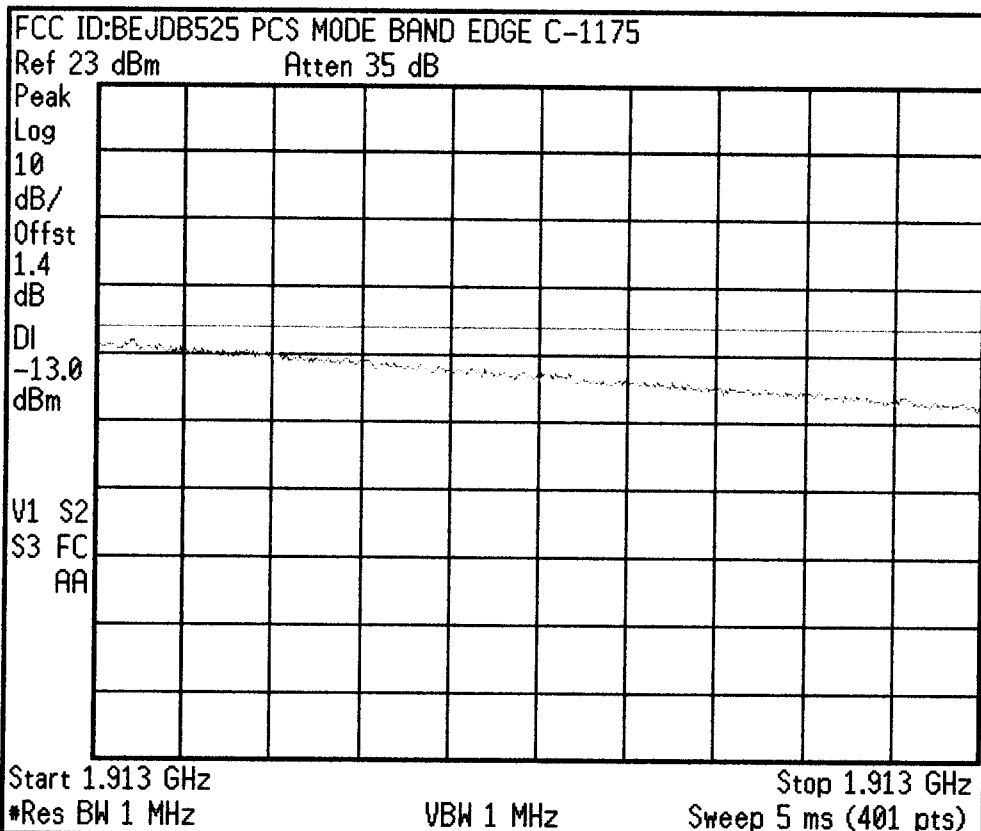
Stop Freq
 1.91650000 GHz

CF Step
 1.00000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 07:38:24 Aug 1, 2001



Freq/Channel

Center Freq
 1.91300000 GHz

Start Freq
 1.91250000 GHz

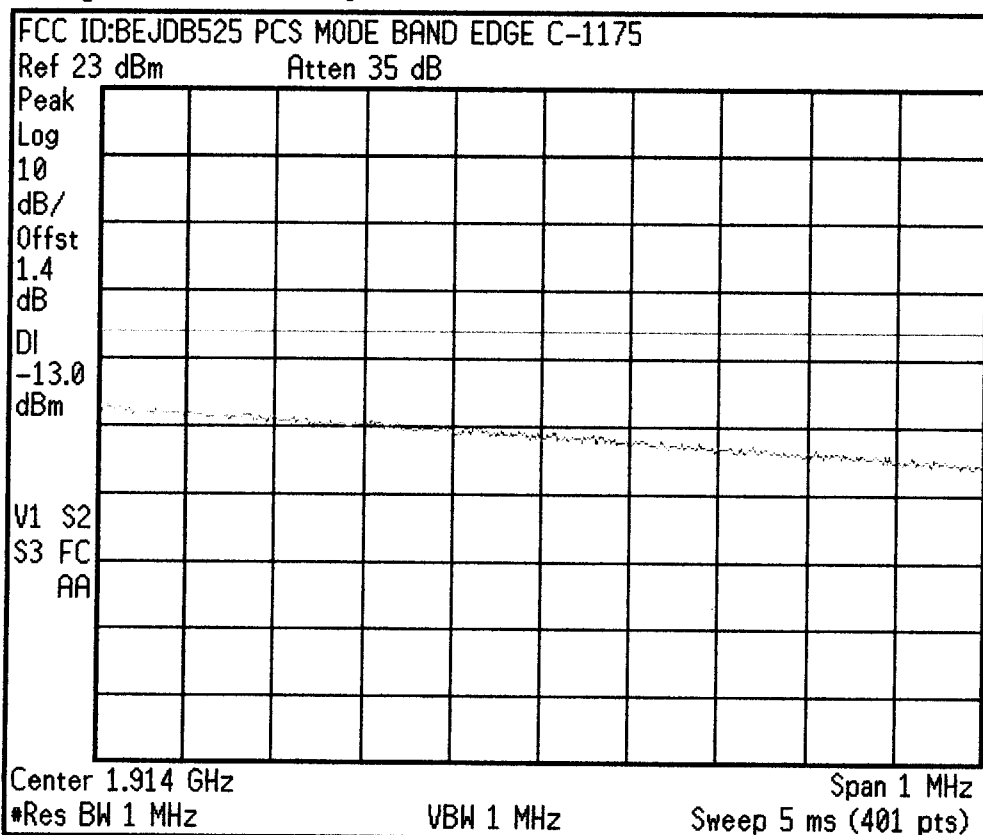
Stop Freq
 1.91350000 GHz

CF Step
 1.00000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 07:40:15 Aug 1, 2001



Freq/Channel

Center Freq
 1.91400000 GHz

Start Freq
 1.91350000 GHz

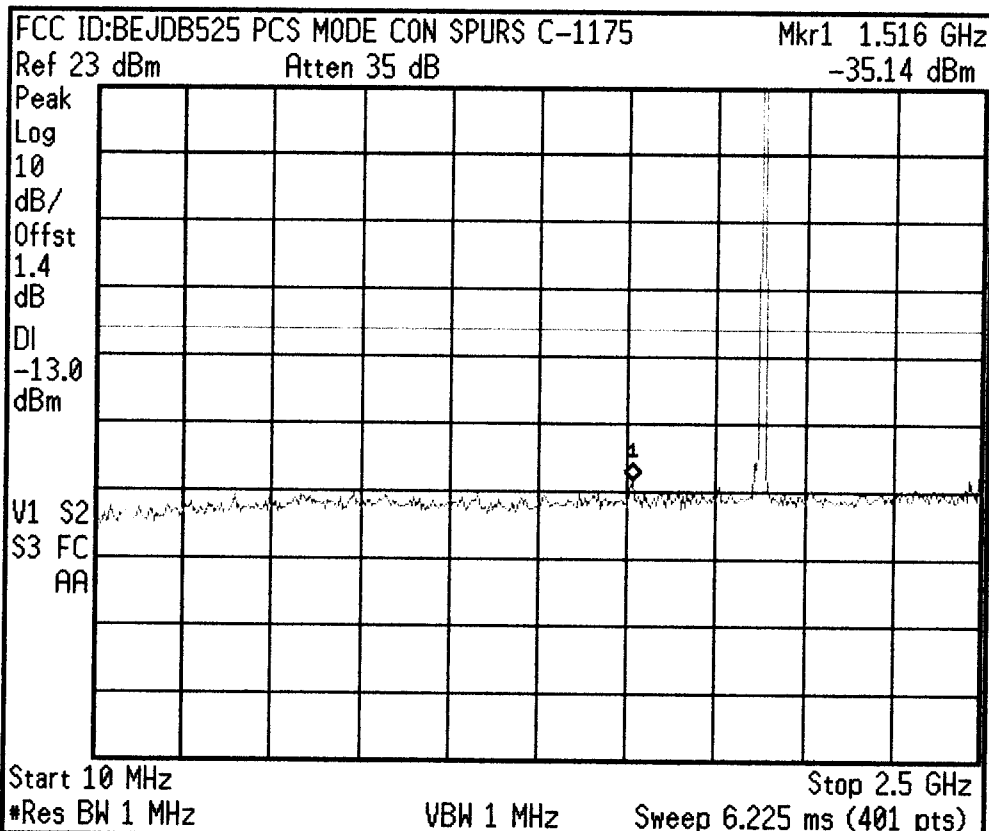
Stop Freq
 1.91450000 GHz

CF Step
 1.00000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 07:27:21 Aug 1, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

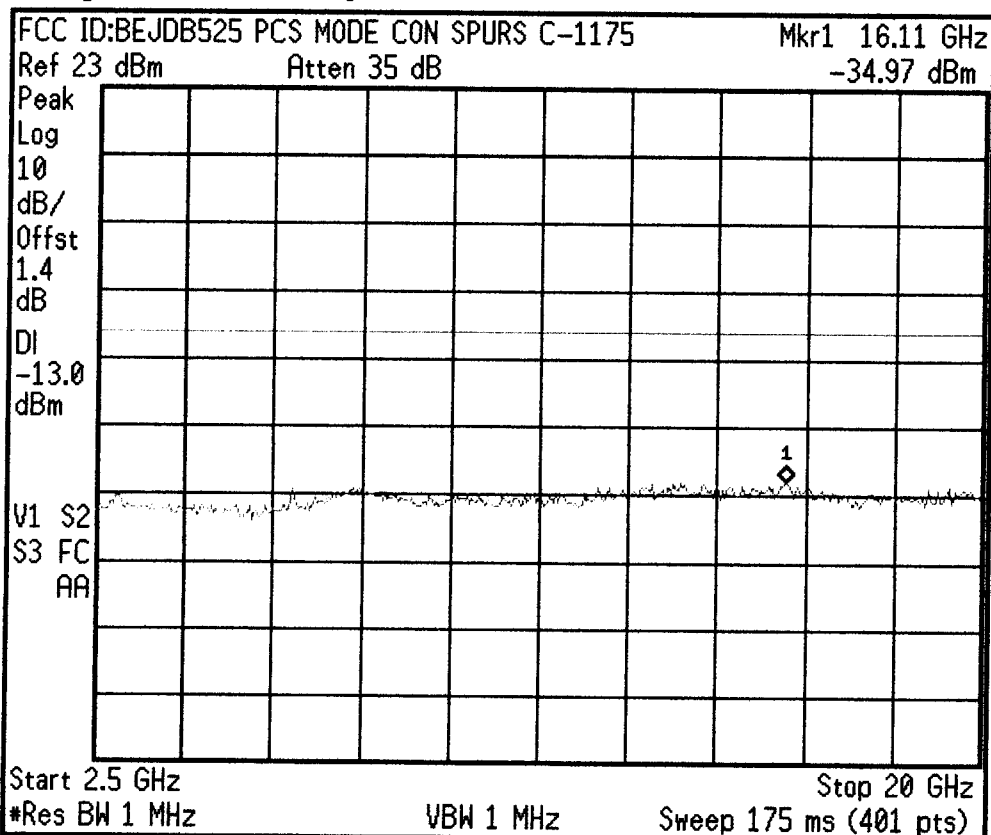
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 07:28:00 Aug 1, 2001



Freq/Channel

Center Freq
 11.2500000 GHz

Start Freq
 2.50000000 GHz

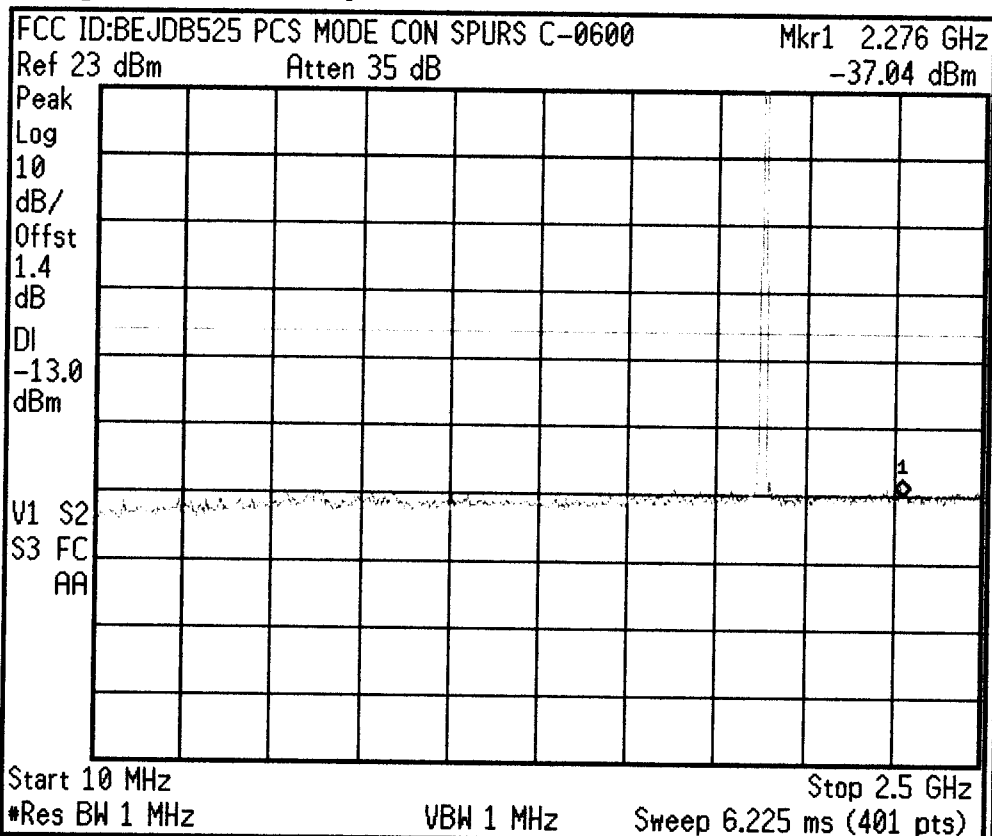
Stop Freq
 20.0000000 GHz

CF Step
 1.75000000 GHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 07:24:34 Aug 1, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

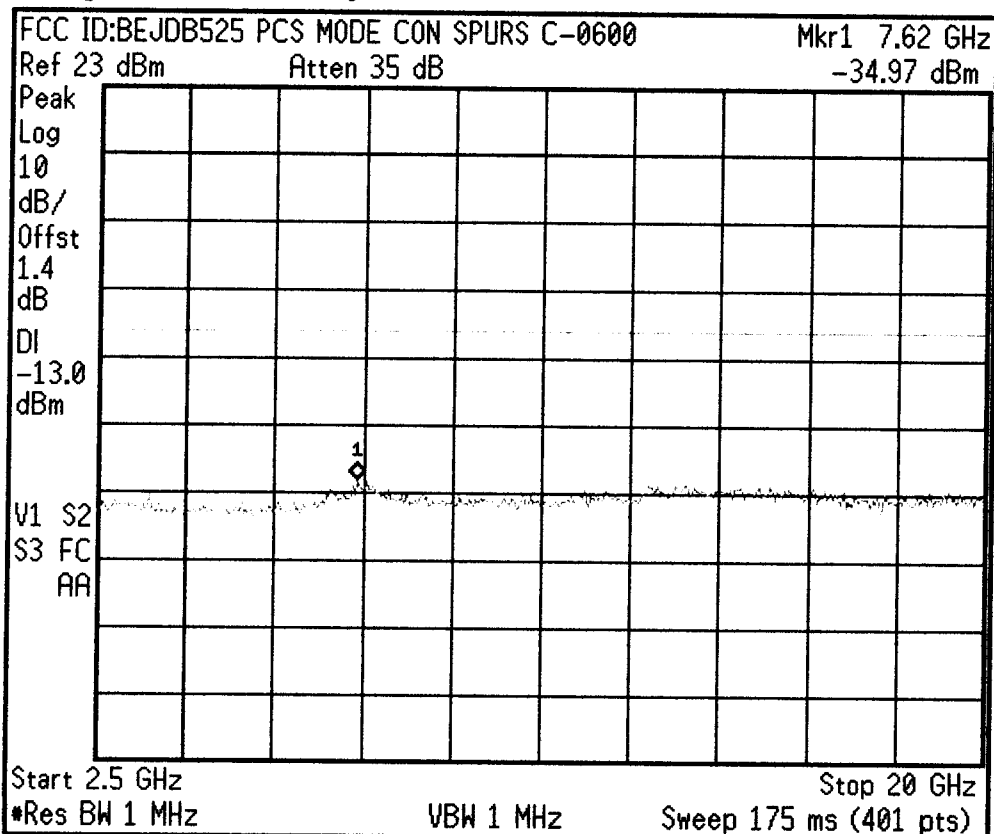
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 07:25:07 Aug 1, 2001



Freq/Channel

Center Freq
 11.2500000 GHz

Start Freq
 2.50000000 GHz

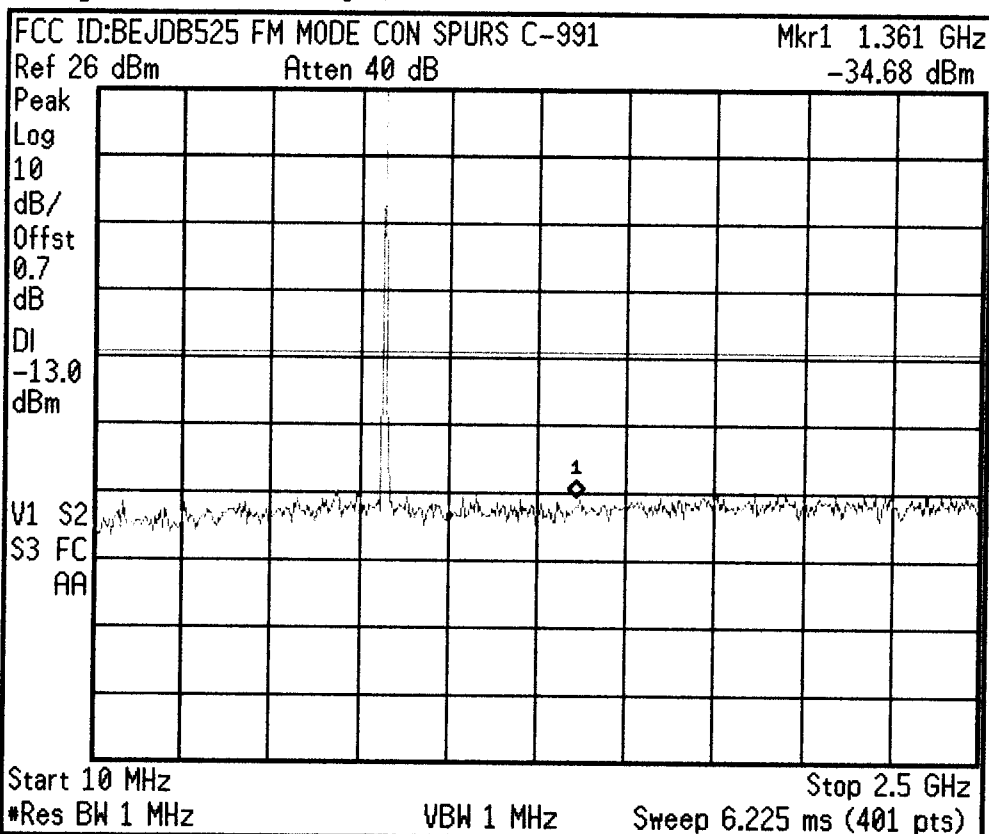
Stop Freq
 20.0000000 GHz

CF Step
 1.75000000 GHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Agilent 06:58:35 Aug 1, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

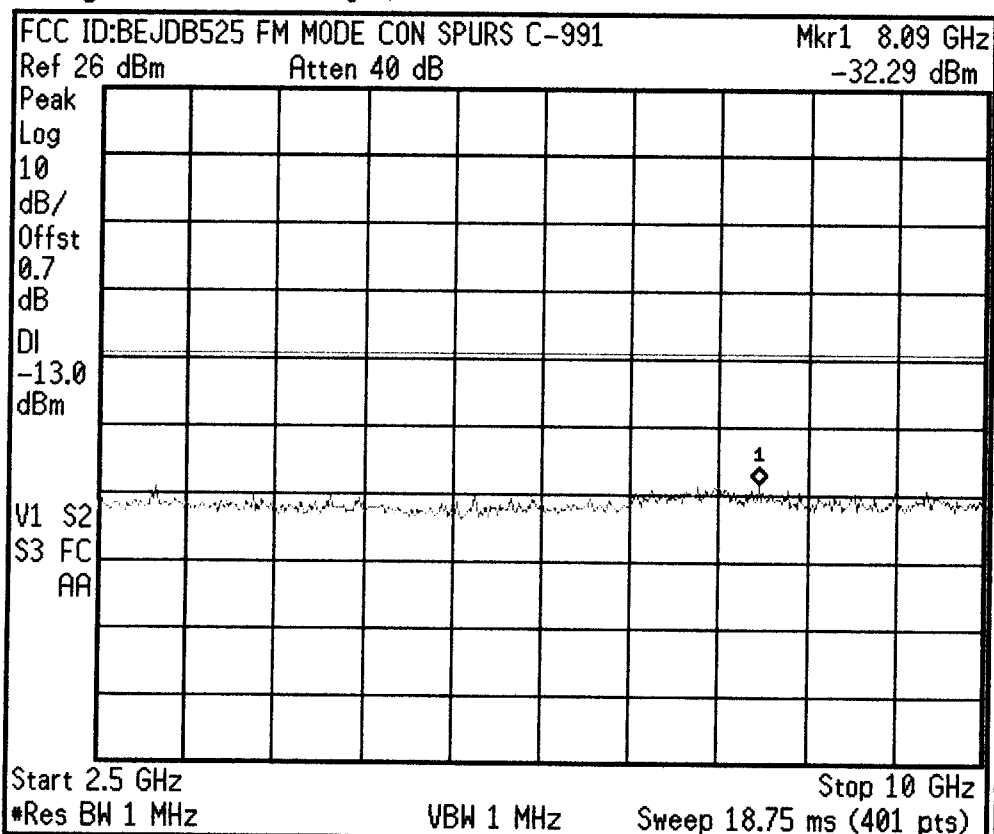
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Agilent 07:00:13 Aug 1, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

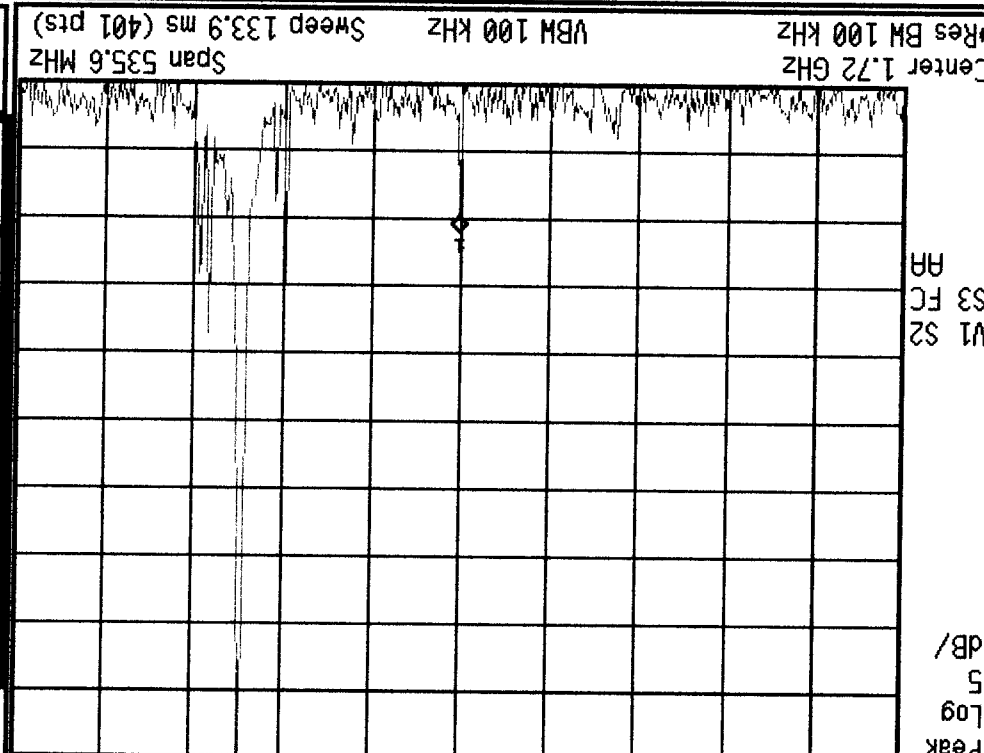
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

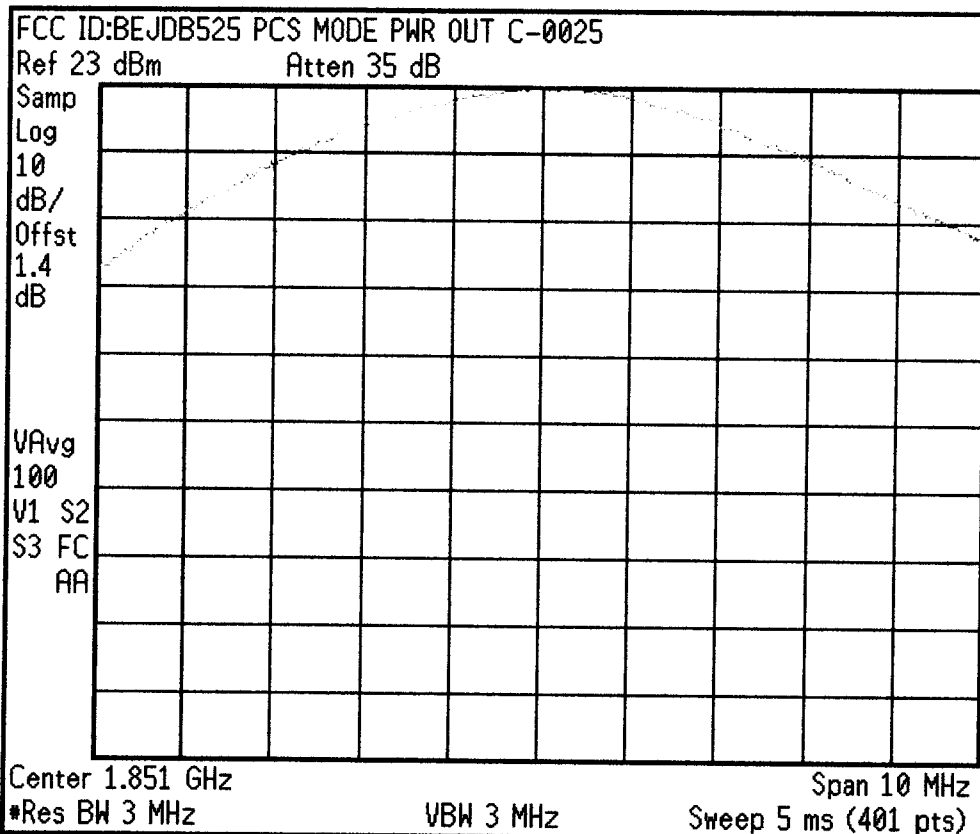
Signal Track
 On Off

DENSO #9 M/CAN
 Ref -45 dBm
 *Atten 0 dB
 Mk1 1.721 GHz
 -85.28 dBm



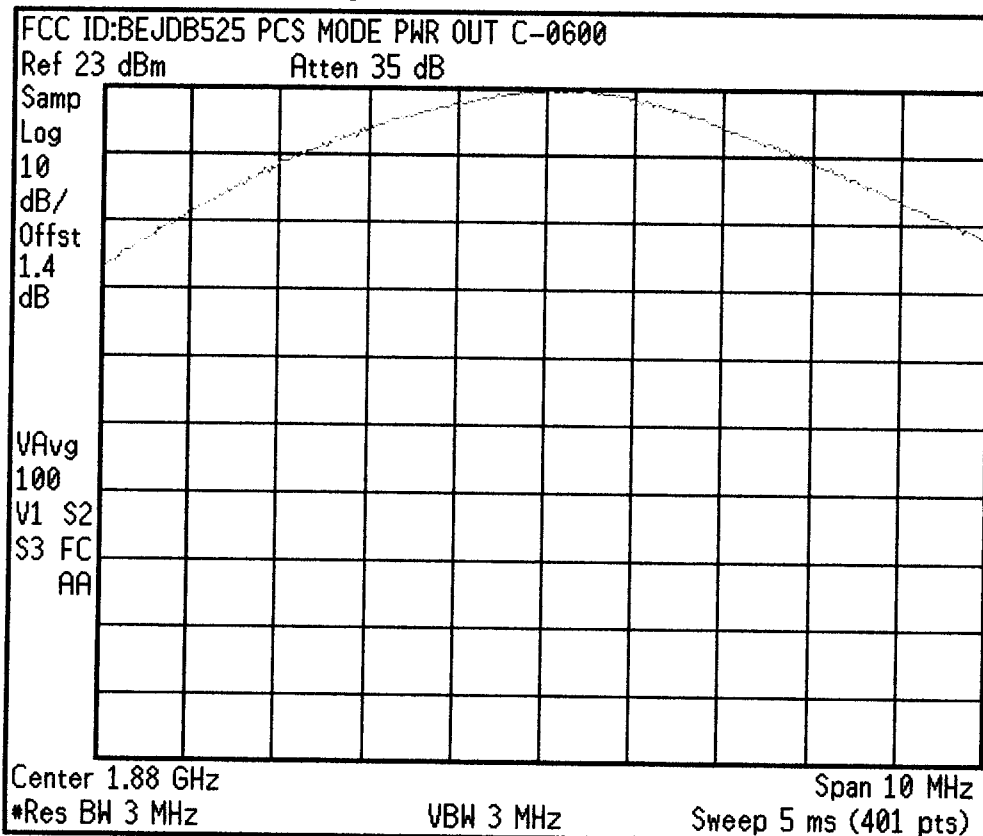
Trace	1
Trace	2
Trace	3
Clear Write	
Max Hold	
Min Hold	
View	
Blank	
More	1 of 2

* Agilent 07:54:24 Aug 1, 2001



Freq/Channel	
Center Freq	1.85125000 GHz
Start Freq	1.84625000 GHz
Stop Freq	1.85625000 GHz
CF Step	1.00000000 MHz Auto Man
Freq Offset	0.00000000 Hz
Signal Track	On Off

* Agilent 07:56:06 Aug 1, 2001



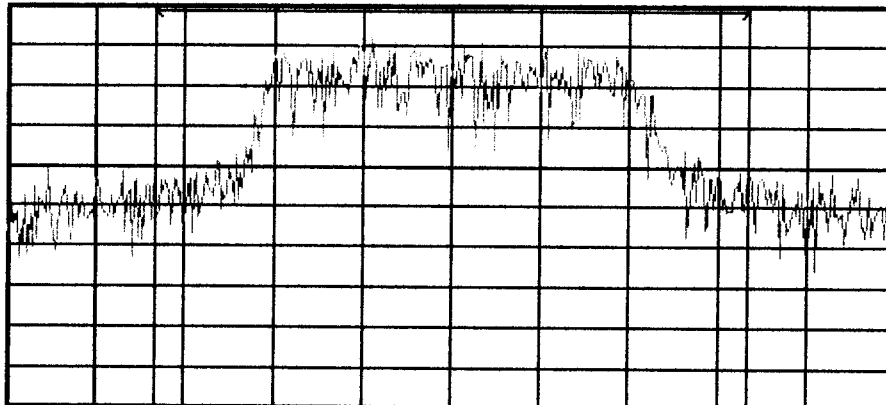
Trace			
Trace	1	2	3
Clear Write			
Max Hold			
Min Hold			
View			
Blank			
More 1 of 2			

* Agilent 08:01:06 Aug 1, 2001

FCC ID:BEJDB525 PCS MODE PWR OUT C-1175

Ref 23 dBm Atten 35 dB

Samp
Log
10
dB/
Offst
1.4
dB



Center 1.909 GHz

Span 3 MHz

*Res BW 30 kHz

*VBW 300 kHz

Sweep 9.167 ms (401 pts)

Channel Power Results (idle)

Channel Power
22.97 dBm

Integration BW 2.000 MHz

Density -40.04 dBm/Hz

Measure

Meas Off

ACP

Channel Power

Occupied BW

Emission BW

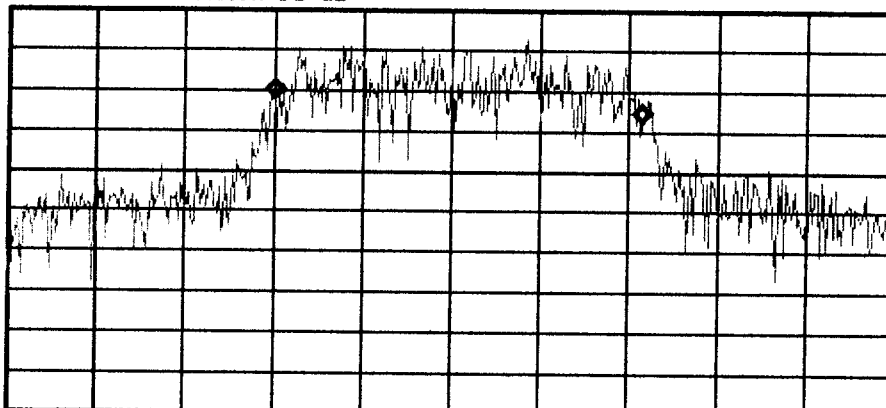
Harmonic Dist

* Agilent 08:01:43 Aug 1, 2001

FCC ID:BEJDB525 PCS MODE PWR OUT C-1175

Ref 23 dBm Atten 35 dB

Samp
Log
10
dB/
Offst
1.4
dB



Center 1.909 GHz

Span 3 MHz

*Res BW 30 kHz

*VBW 300 kHz

Sweep 9.167 ms (401 pts)

Occupied Bandwidth Results (idle)

Occupied Bandwidth
1.251 MHz

Occ BW % Pwr 99.00 %

Transmit Freq Error 22.35 kHz

Measure

Meas Off

ACP

Channel Power

Occupied BW

Emission BW

Harmonic Dist