

PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

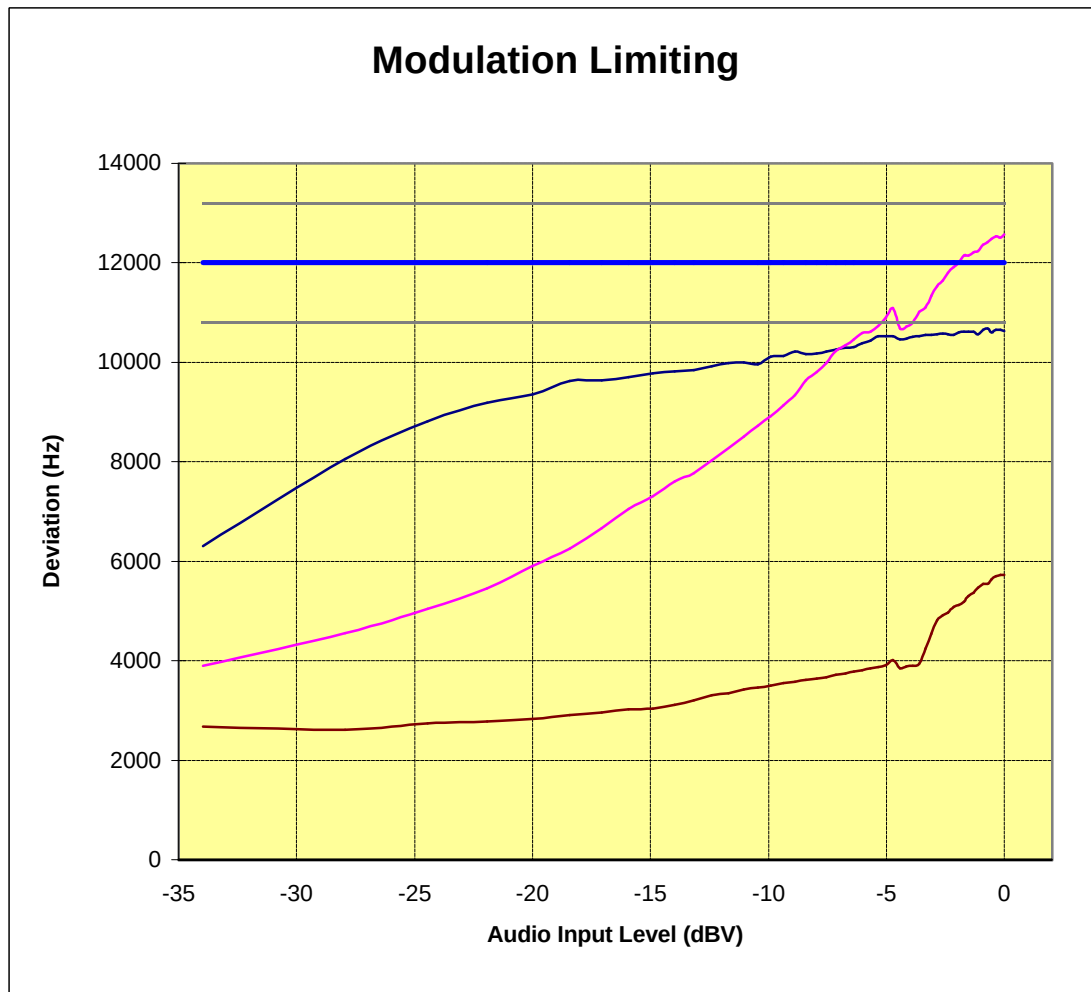
Test Report No.: 22.210305119.BEJ
Test Date: 03.08.2001

EUT: LGE Dual-Mode Cellular Phone (AMPS/CDMA)

Model: LG-DM210

FCC ID: BEJDM120

REFERENCE: 1 kHz = 0 dB



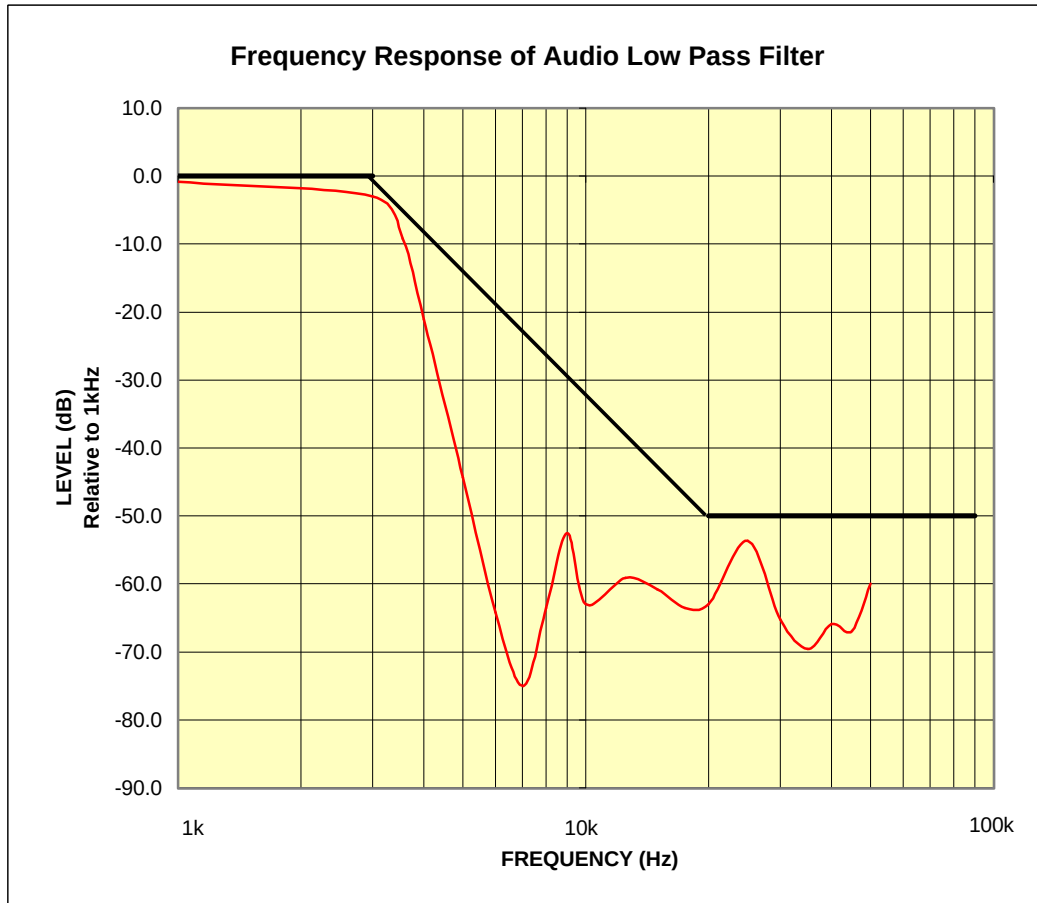
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No.: 22.210305119.BEJ
Test Date: 03.08.2001

EUT: LGE Dual-Mode Cellular Phone (AMPS/CDMA)
Model: LG-DM210
FCC ID: BEJDM120

REFERENCE: 1 kHz = 0 dB



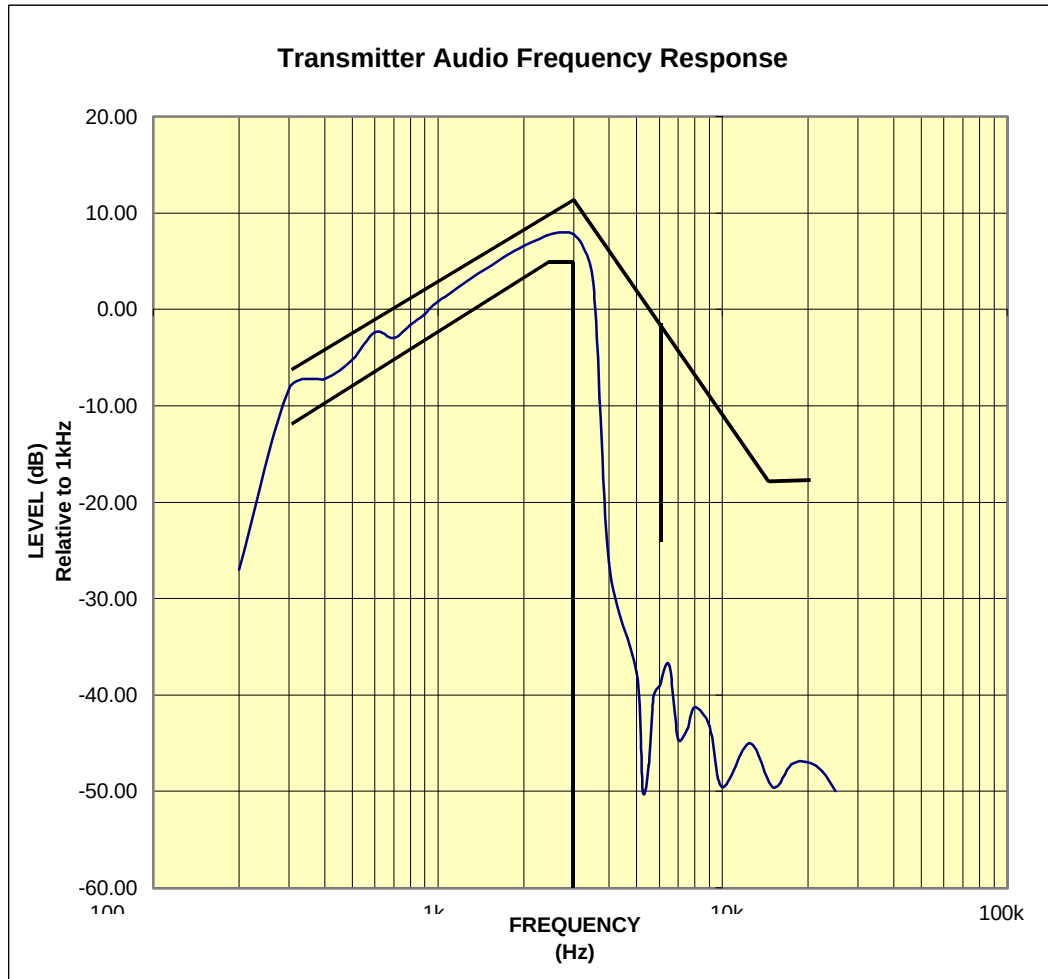
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No.: 22.210305119.BEJ
Test Date: 03.08.2001

EUT: LGE Dual-Mode Cellular Phone (AMPS/CDMA)
Model: LG-DM210
FCC ID: BEJDM120

REFERENCE: 1 kHz = 0 dB



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM120

LG Electronics

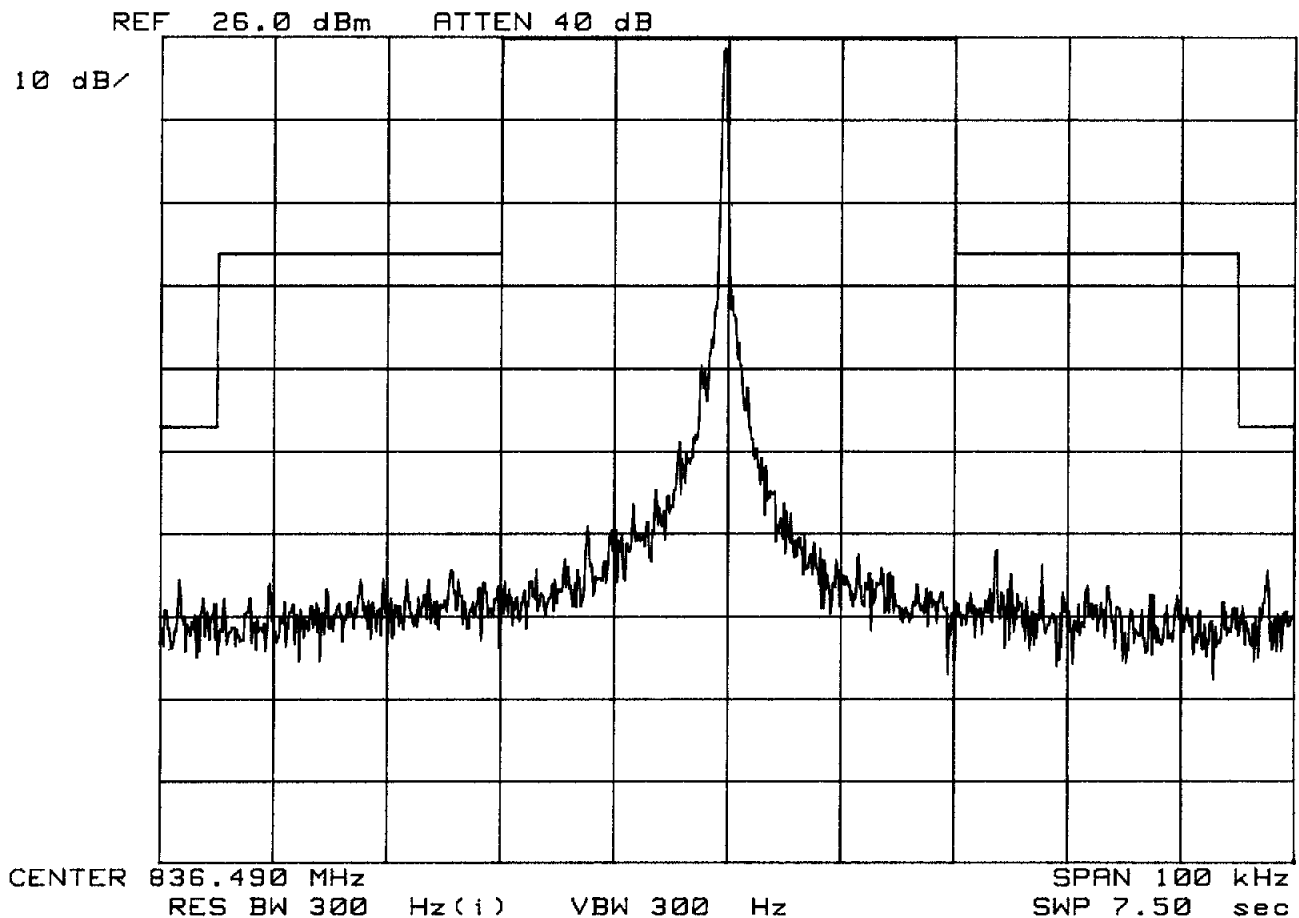
Dual Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM120

LG Electronics

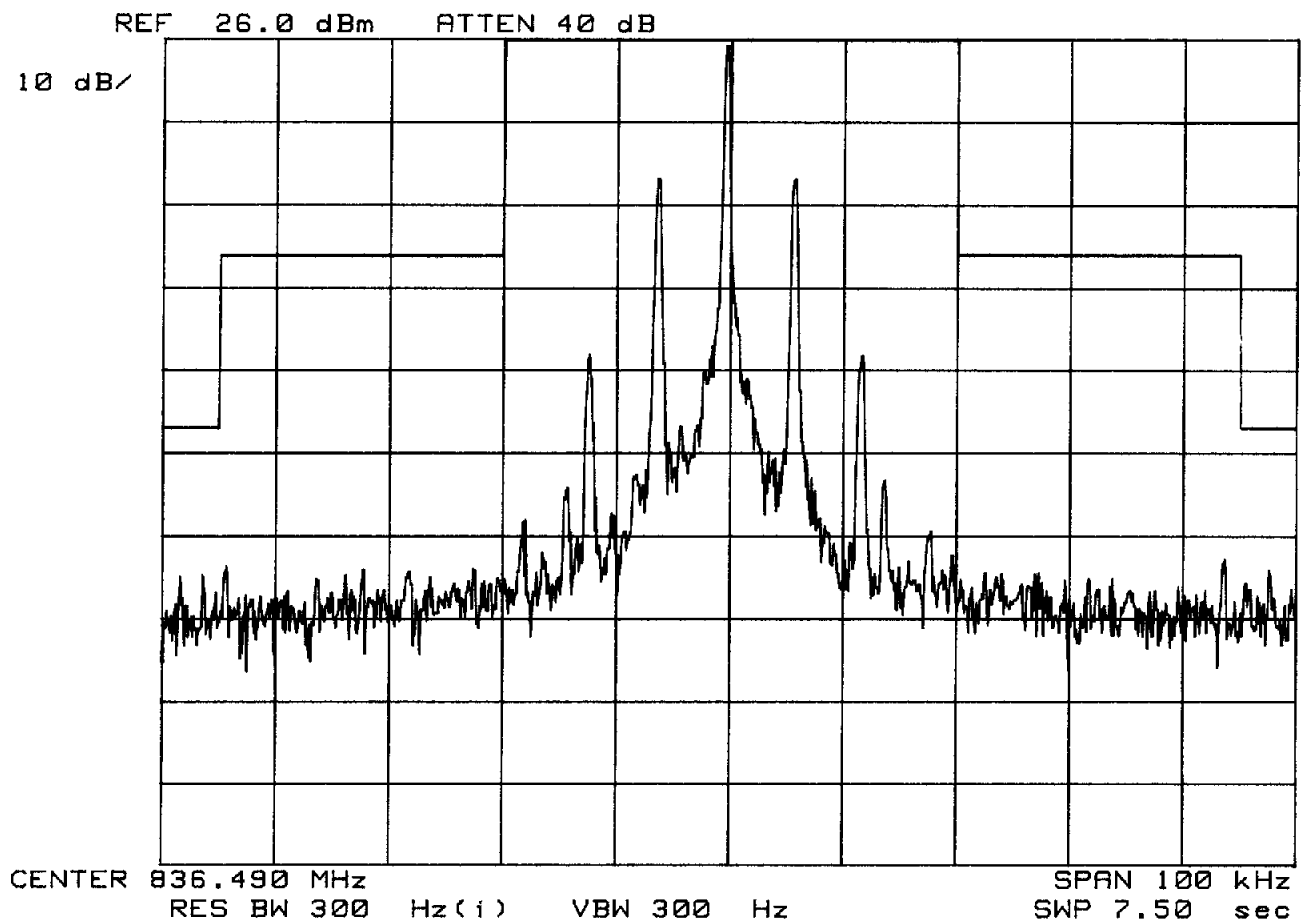
Dual Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM120

LG Electronics

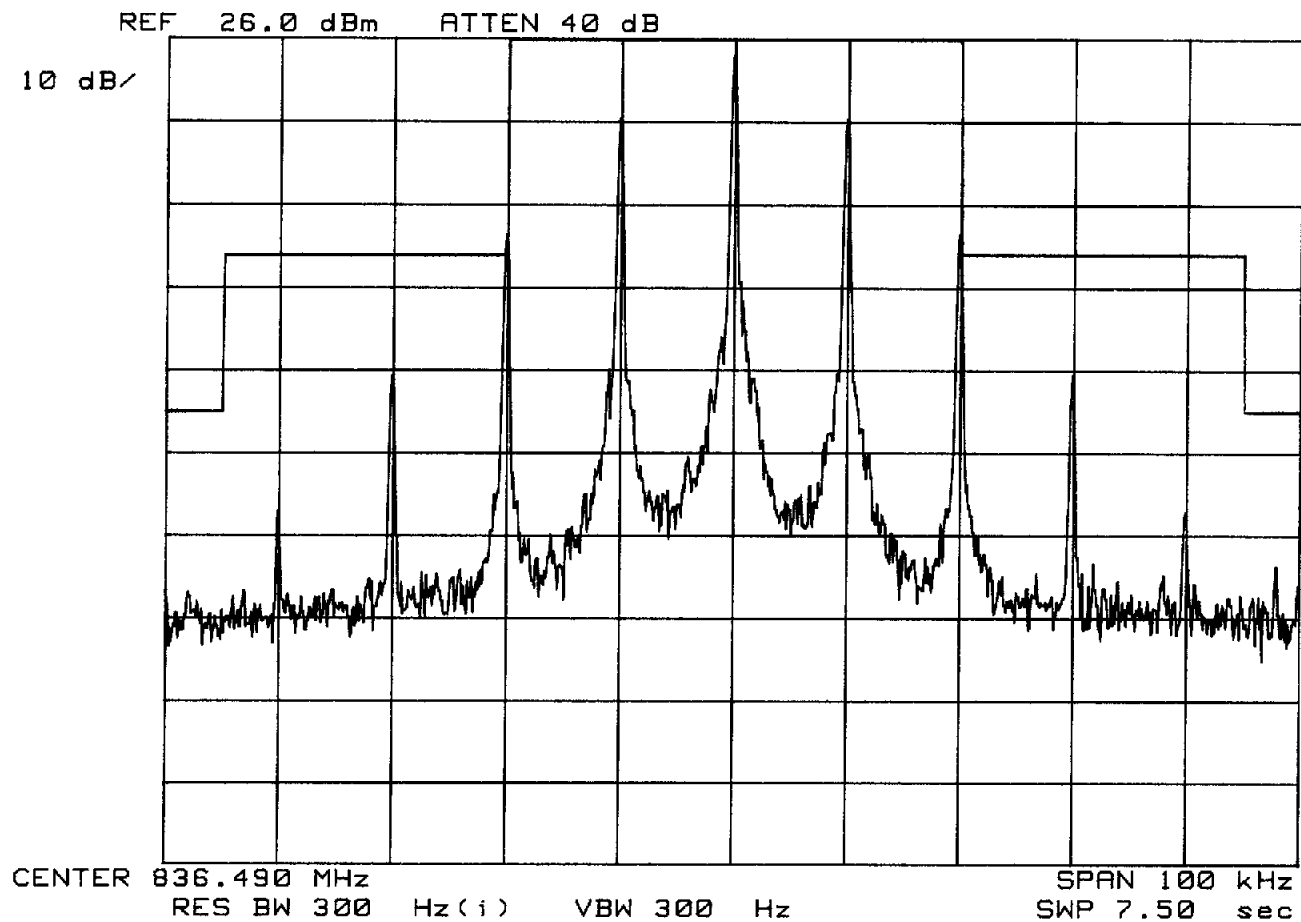
Dual Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM120

LG Electronics

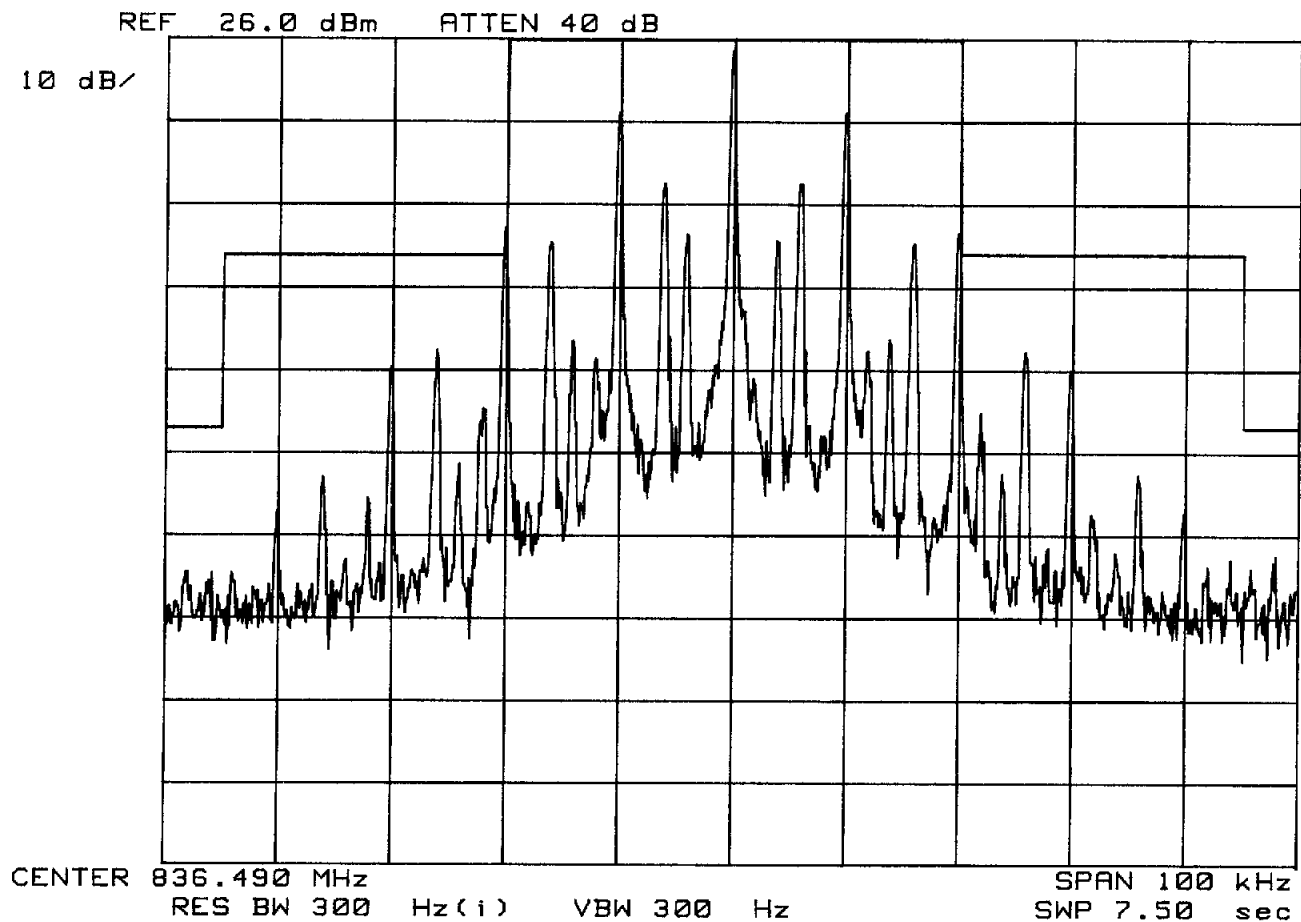
Dual Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM120

LG Electronics

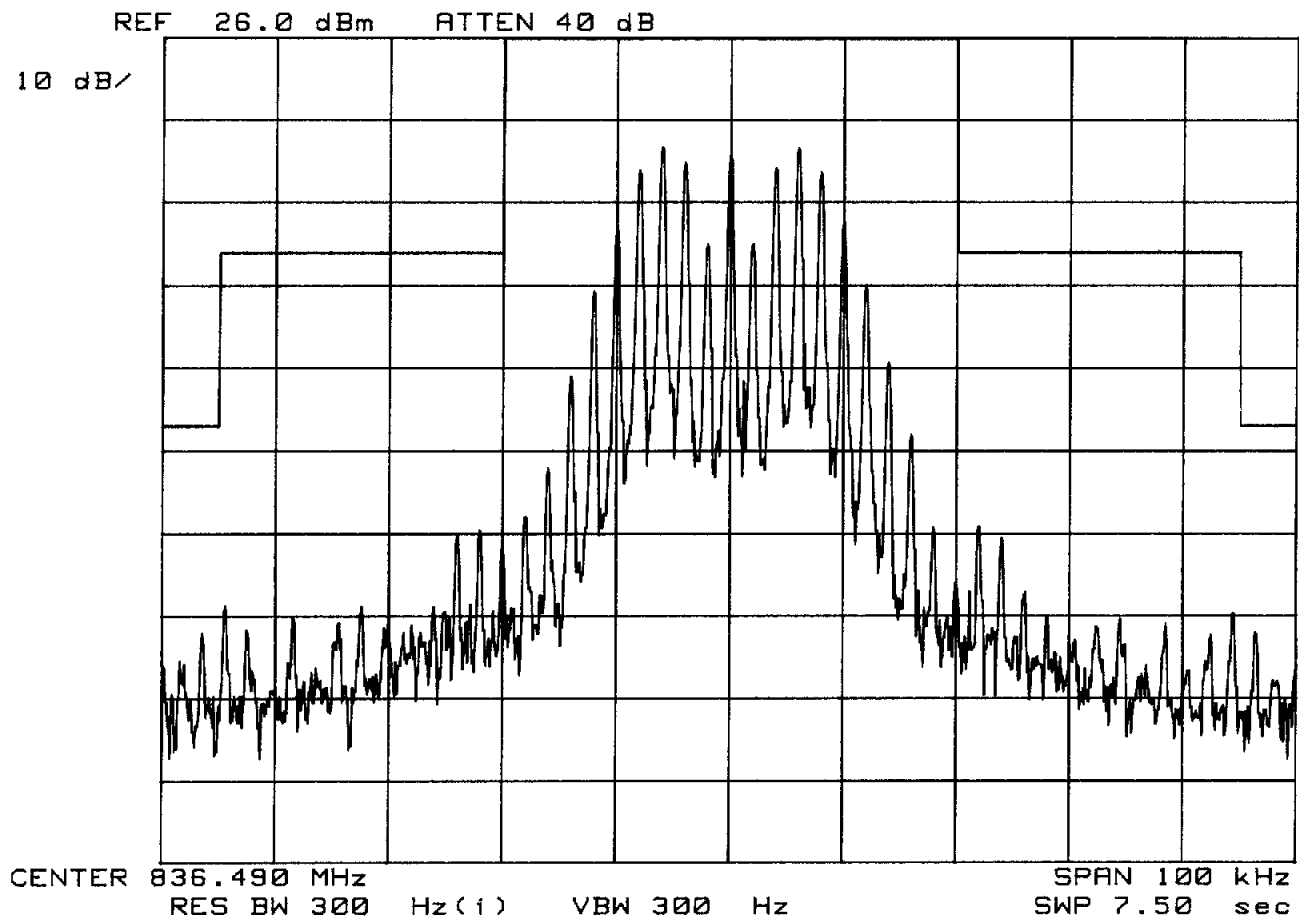
Dual Mode Phone

FM Channel 383

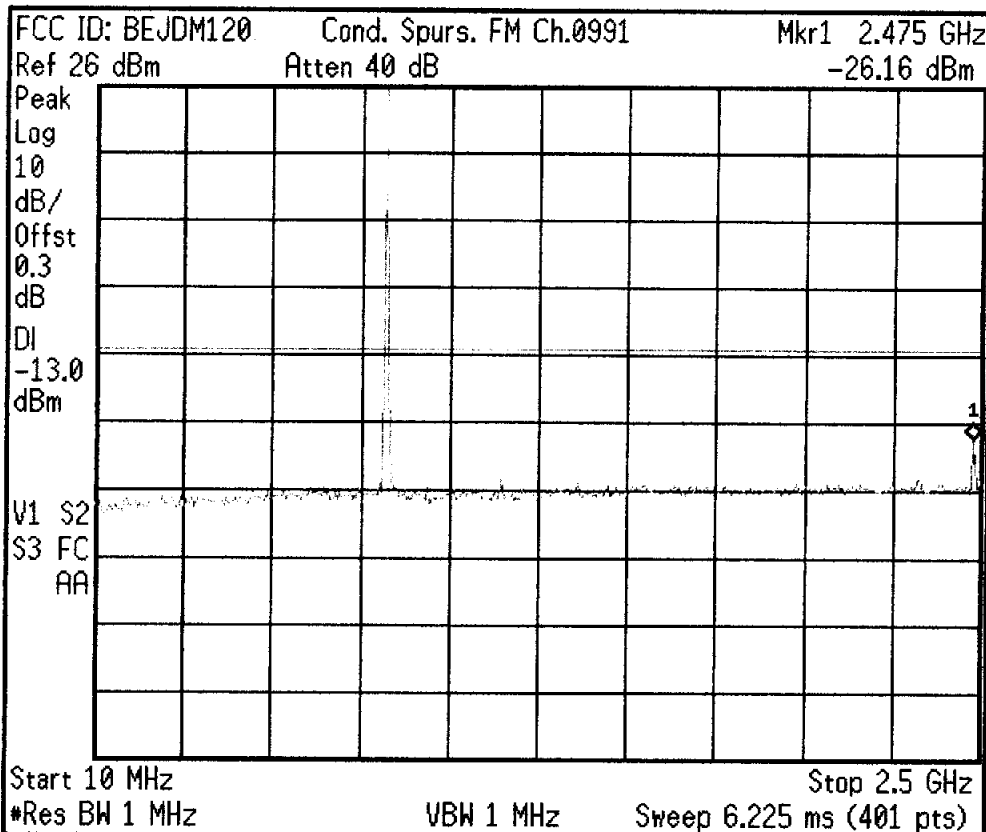
Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Voice



* Agilent 09:38:04 Mar 6, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

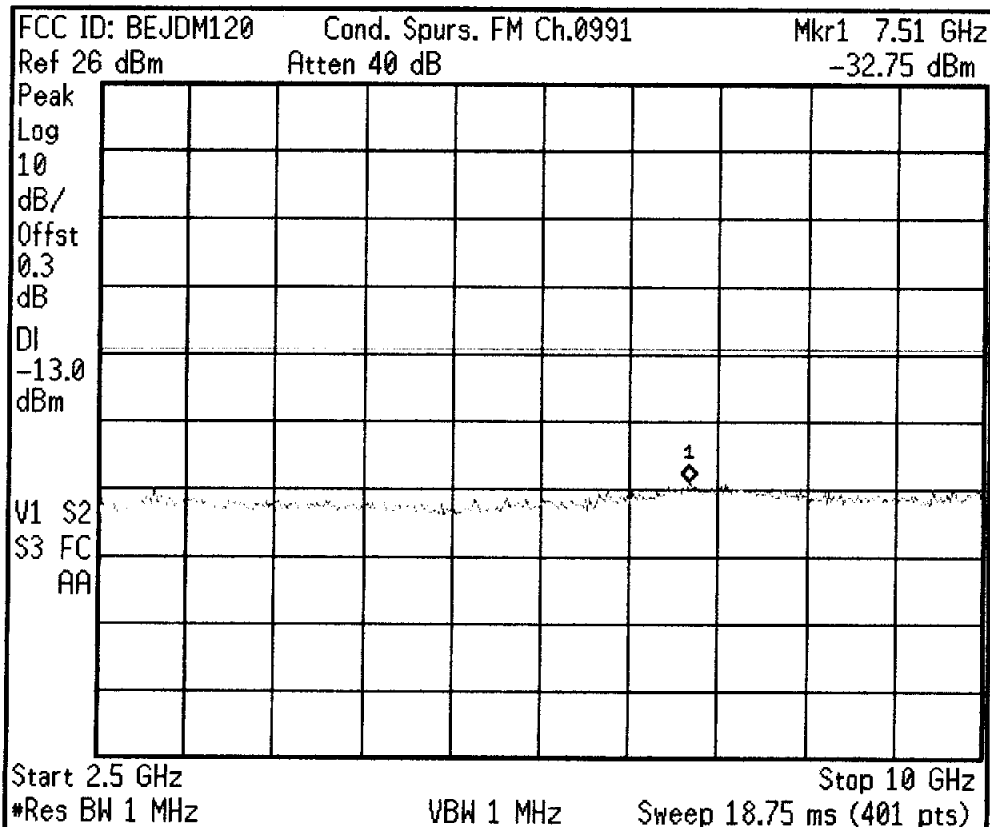
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 09:39:03 Mar 6, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

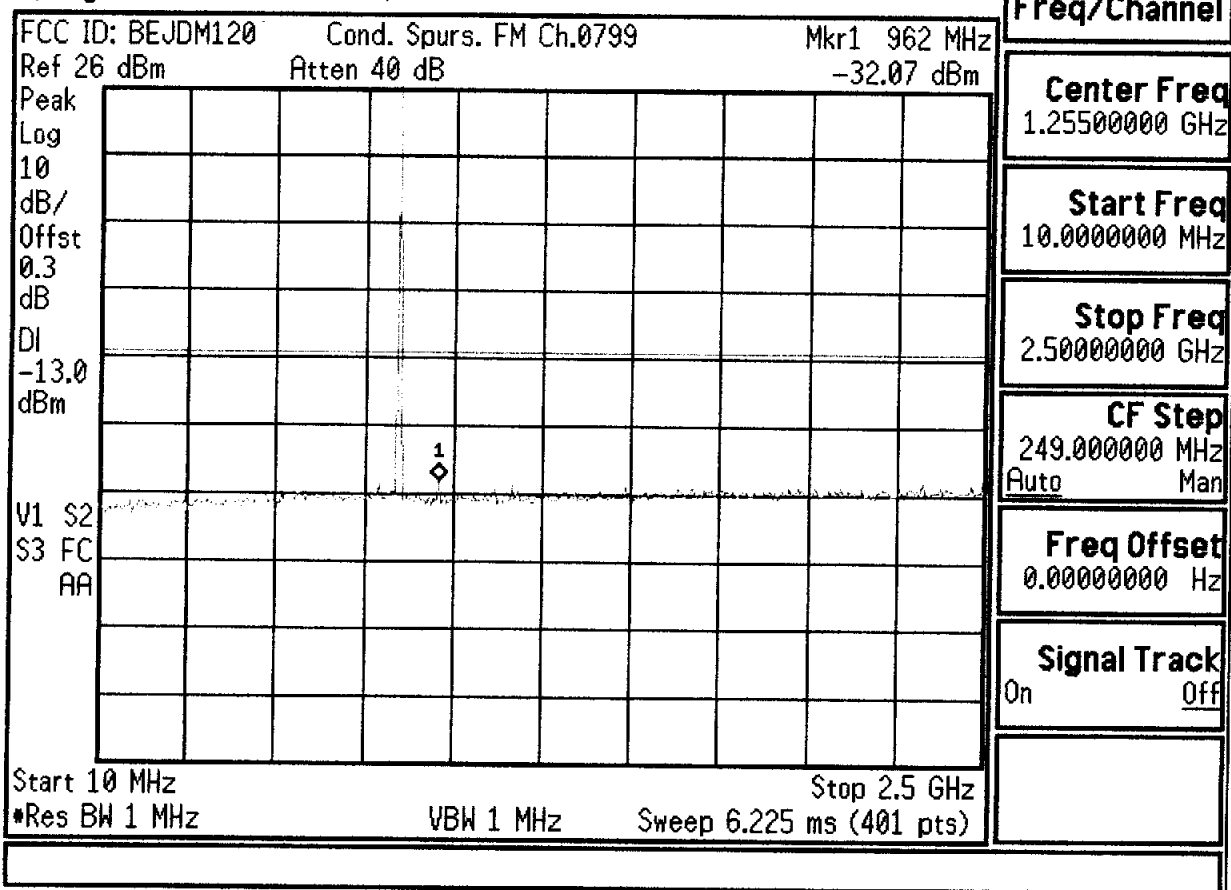
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

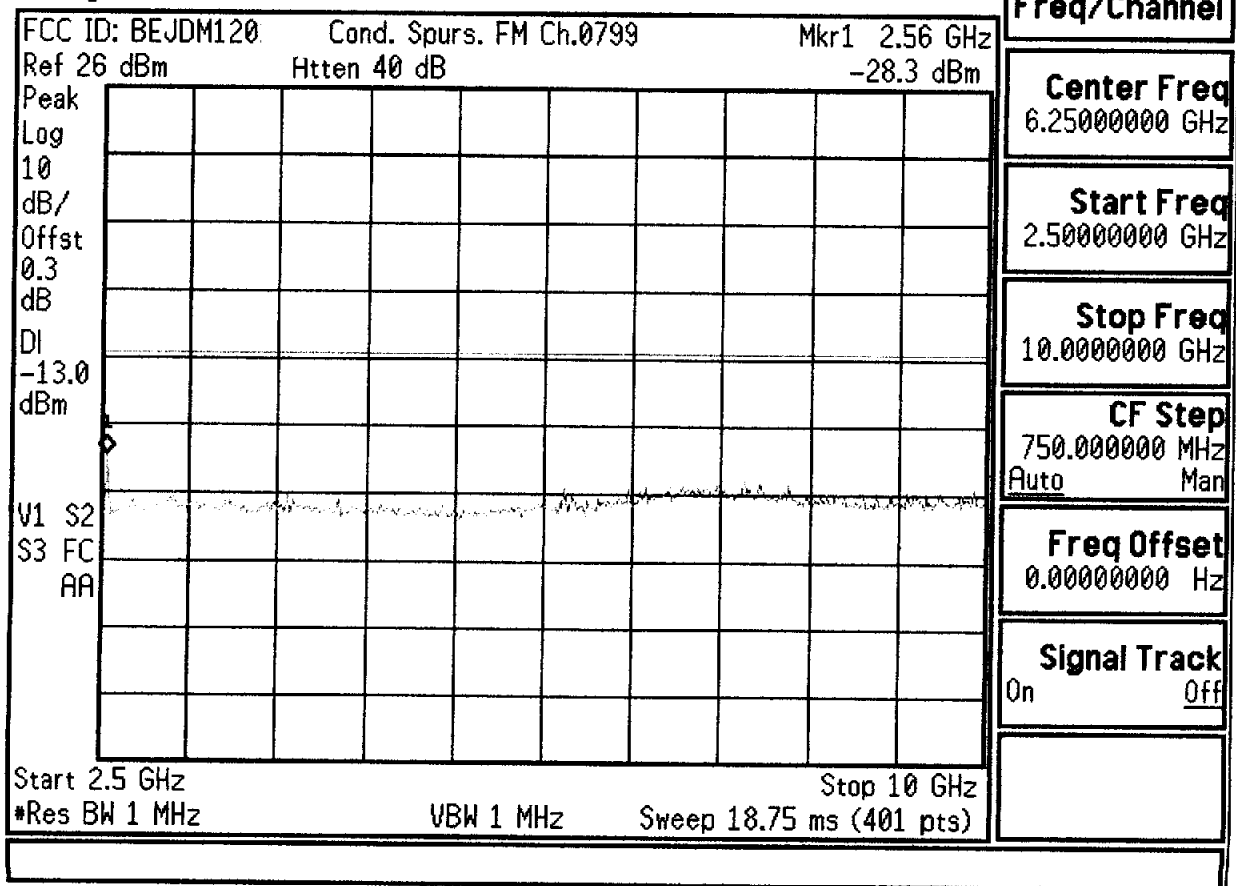
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

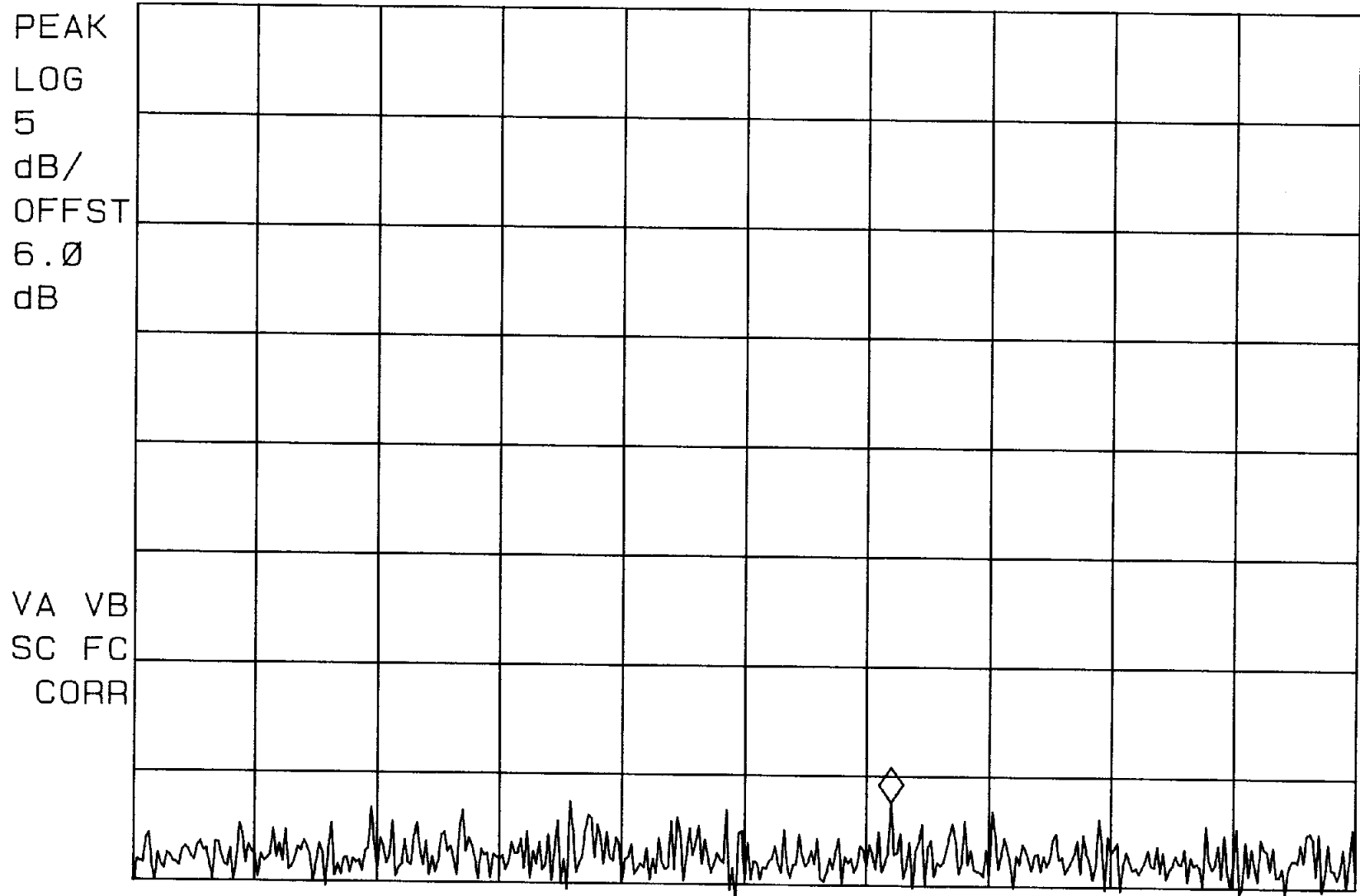
* Agilent 09:45:48 Mar 6, 2001



* Agilent 09:47:41 Mar 6, 2001

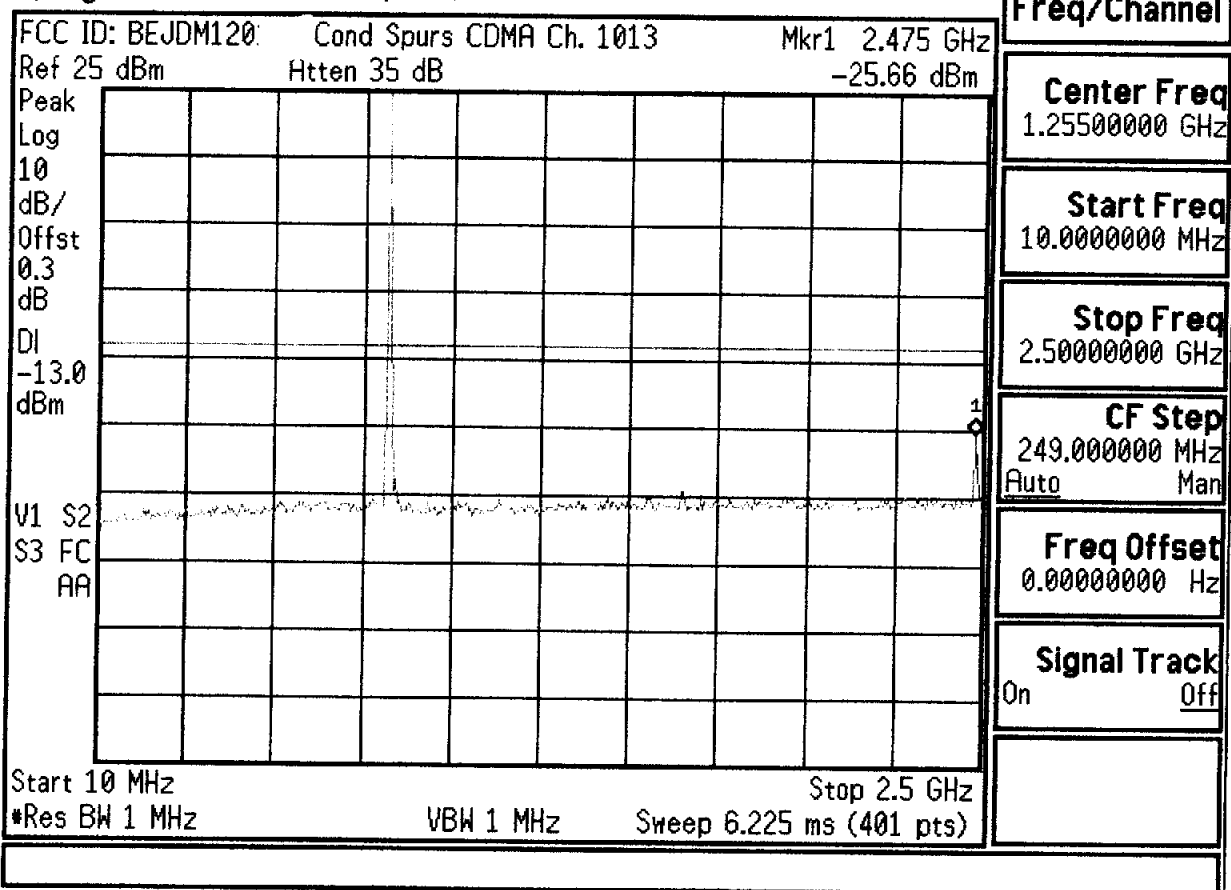


hp FCC ID: BEJDM120 FM MODE MKR 884.50 MHz
REF -60.0 dBm #ATTEN 10 dB PG 25.0 dB -96.19 dBm

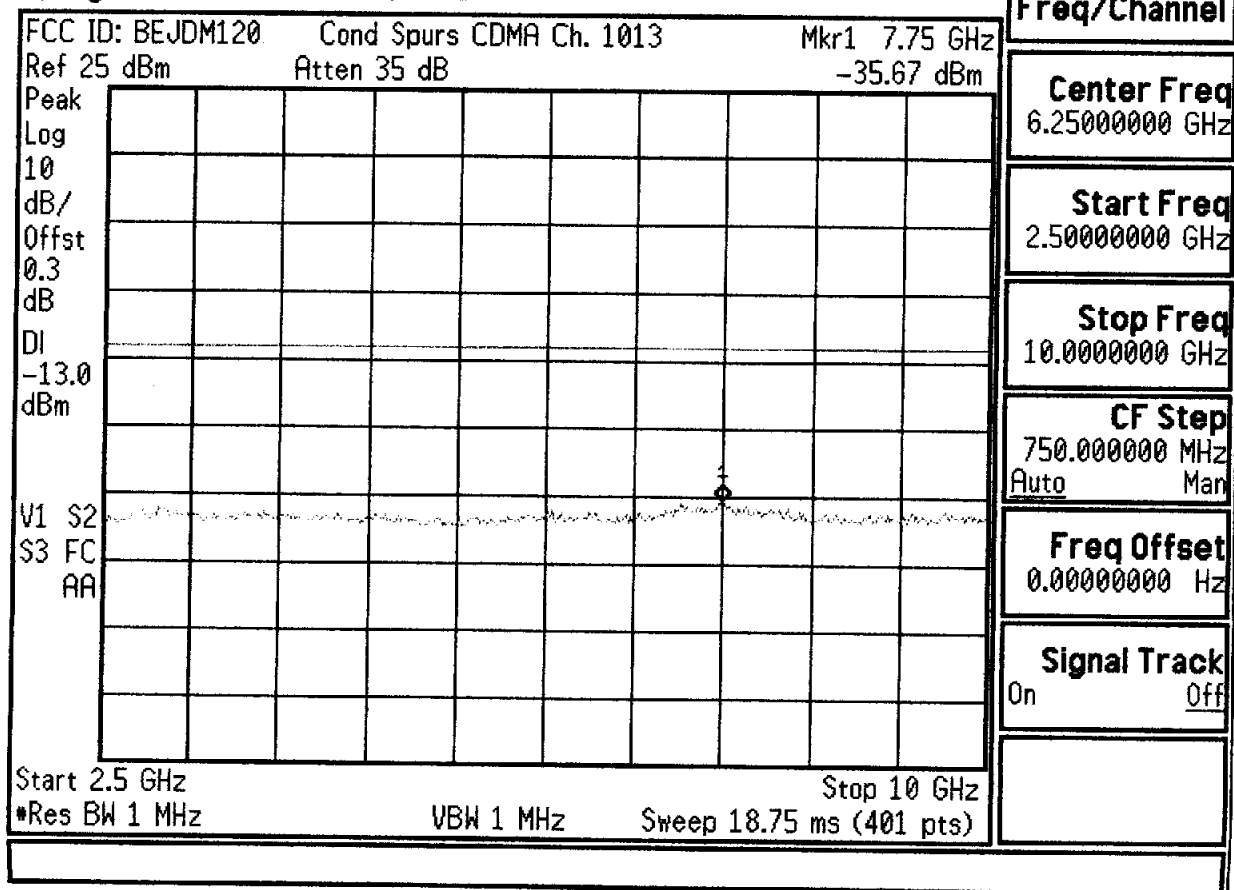


START 869.00 MHz STOP 894.00 MHz
#RES BW 100 kHz #VBW 300 kHz SWP 20 msec

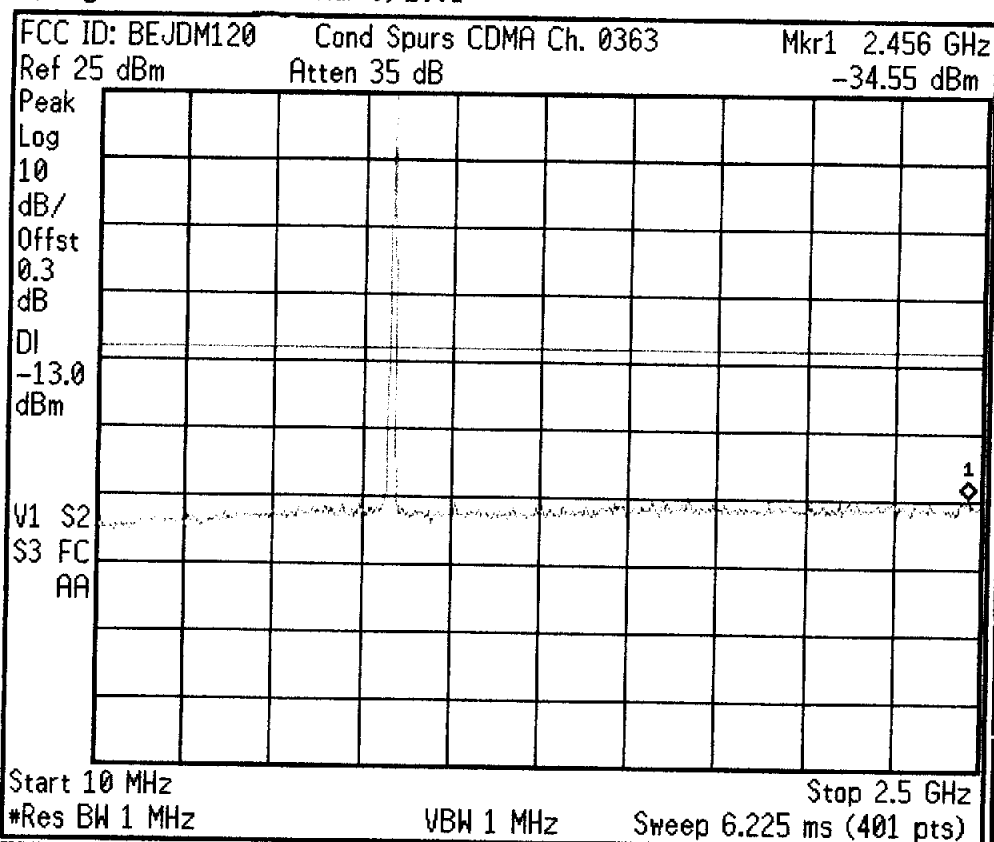
* Agilent 09:54:43 Mar 6, 2001



* Agilent 09:55:28 Mar 6, 2001

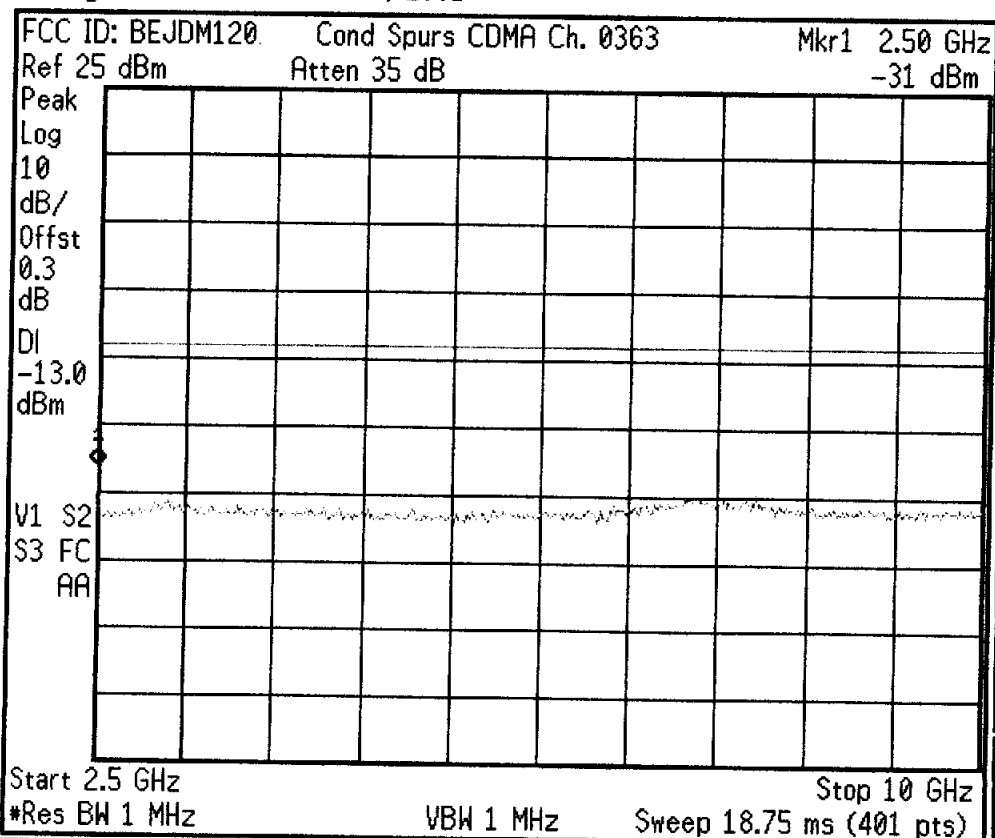


Agilent 09:57:38 Mar 6, 2001



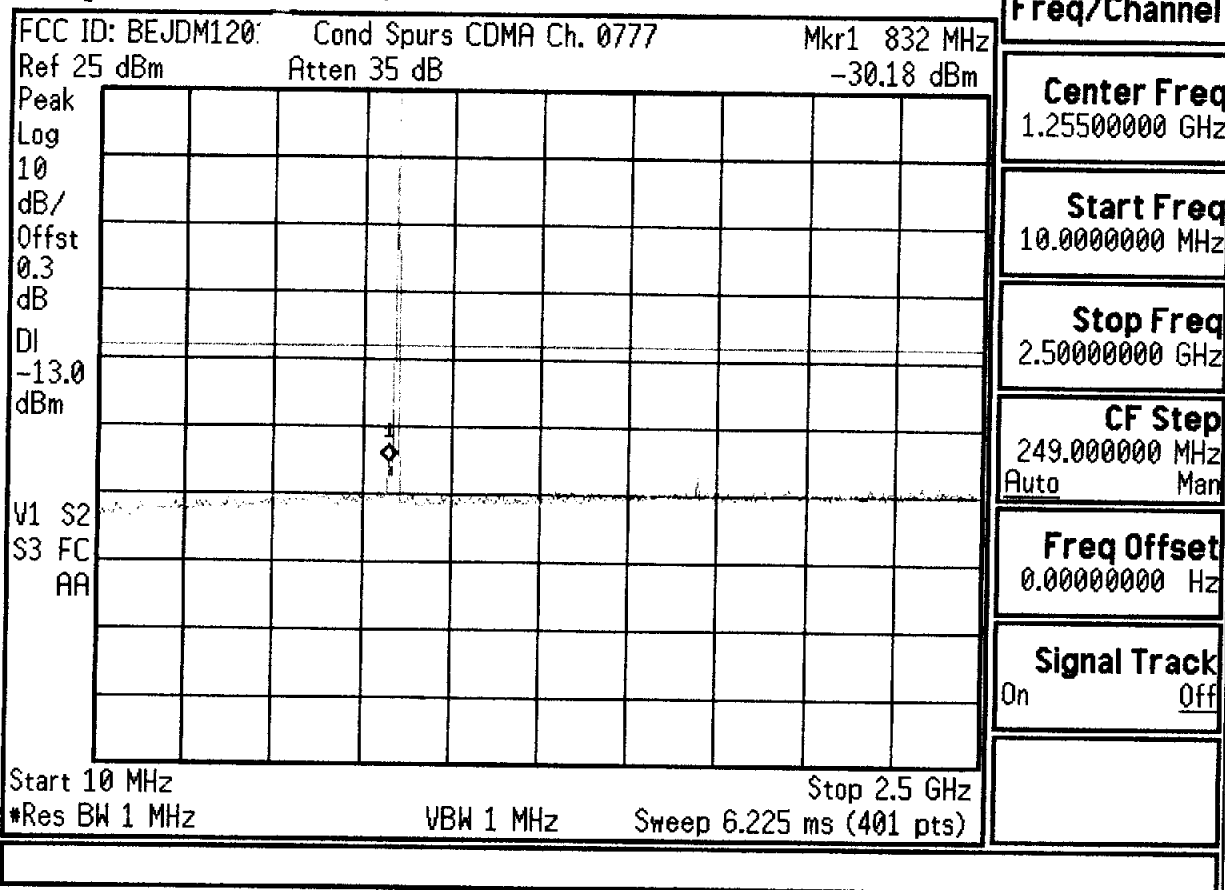
Freq/Channel
Center Freq 1.25500000 GHz
Start Freq 10.0000000 MHz
Stop Freq 2.50000000 GHz
CF Step 249.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

Agilent 09:58:25 Mar 6, 2001

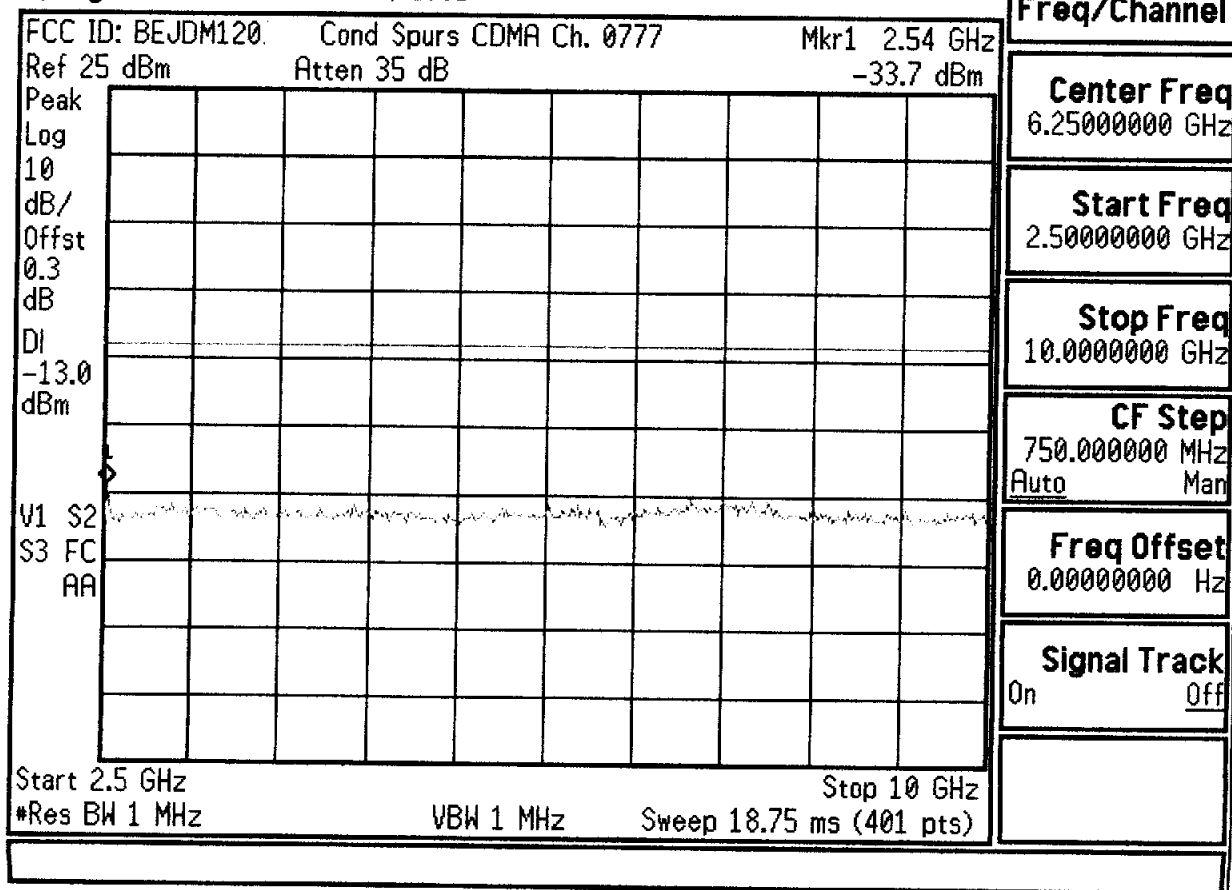


Freq/Channel
Center Freq 6.25000000 GHz
Start Freq 2.50000000 GHz
Stop Freq 10.0000000 GHz
CF Step 750.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

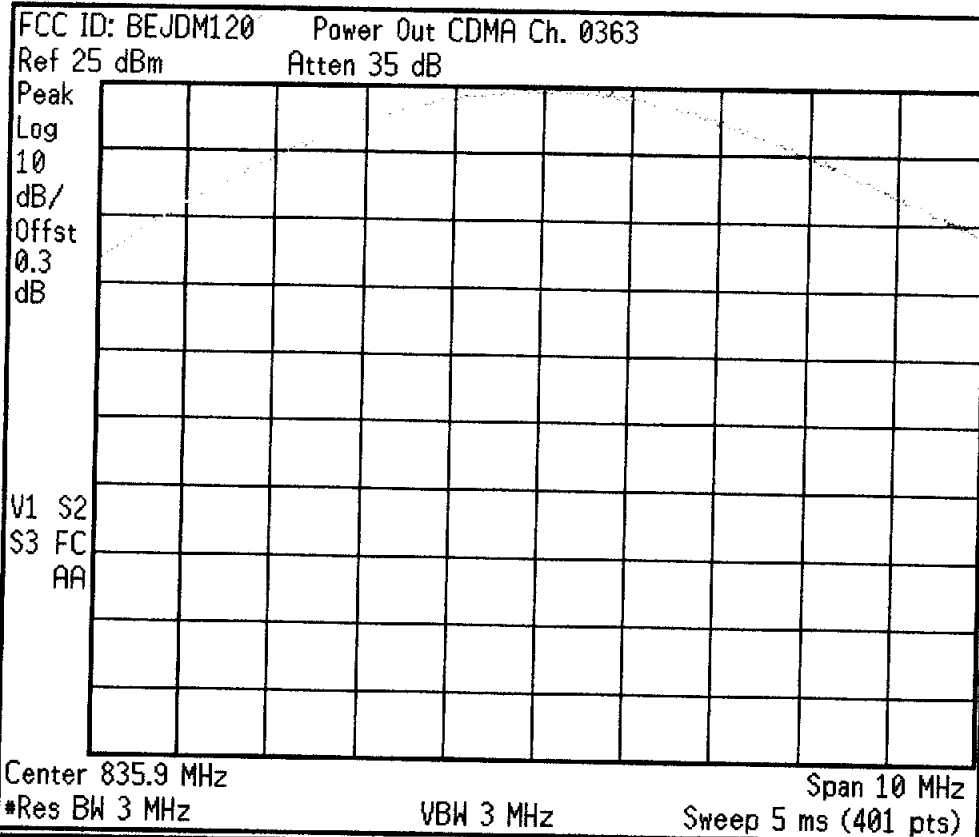
* Agilent 10:08:49 Mar 6, 2001



* Agilent 10:09:36 Mar 6, 2001



* Agilent 10:43:03 Mar 6, 2001



Freq/Channel

Center Freq
 835.900000 MHz

Start Freq
 830.900000 MHz

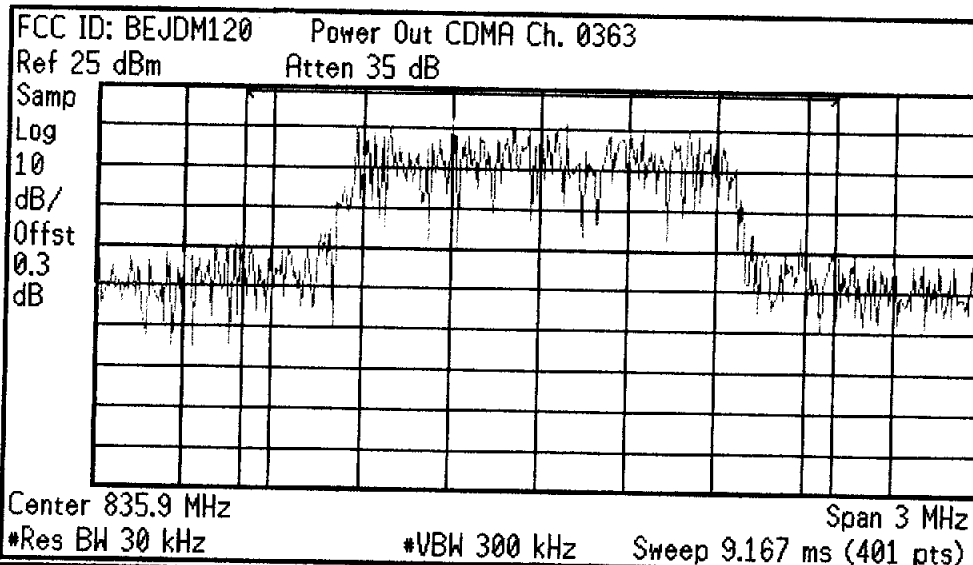
Stop Freq
 840.900000 MHz

CF Step
 1.00000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 10:45:03 Mar 6, 2001



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

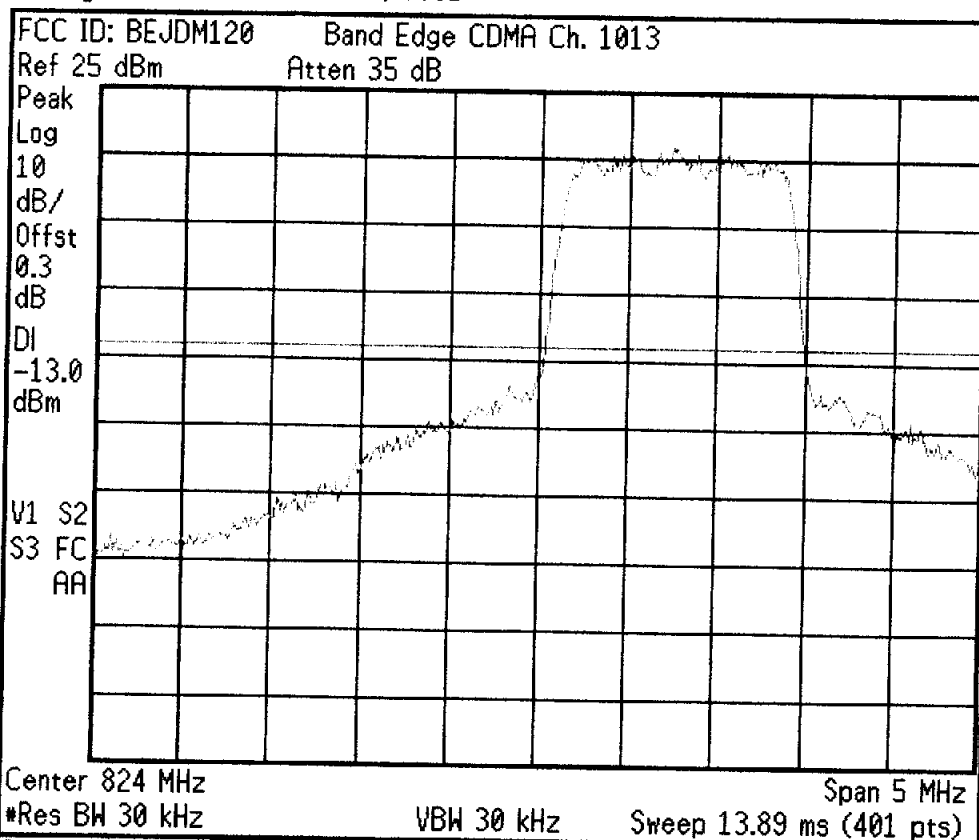
Channel Power Results (idle)

Channel Power
 25.05 dBm

Integration BW 2.000 MHz

Density -37.96 dBm/Hz

* Agilent 10:57:01 Mar 6, 2001



Freq/Channel

Center Freq

824.000000 MHz

Start Freq

821.500062 MHz

Stop Freq

826.499938 MHz

CF Step

499.987000 kHz

Auto Man

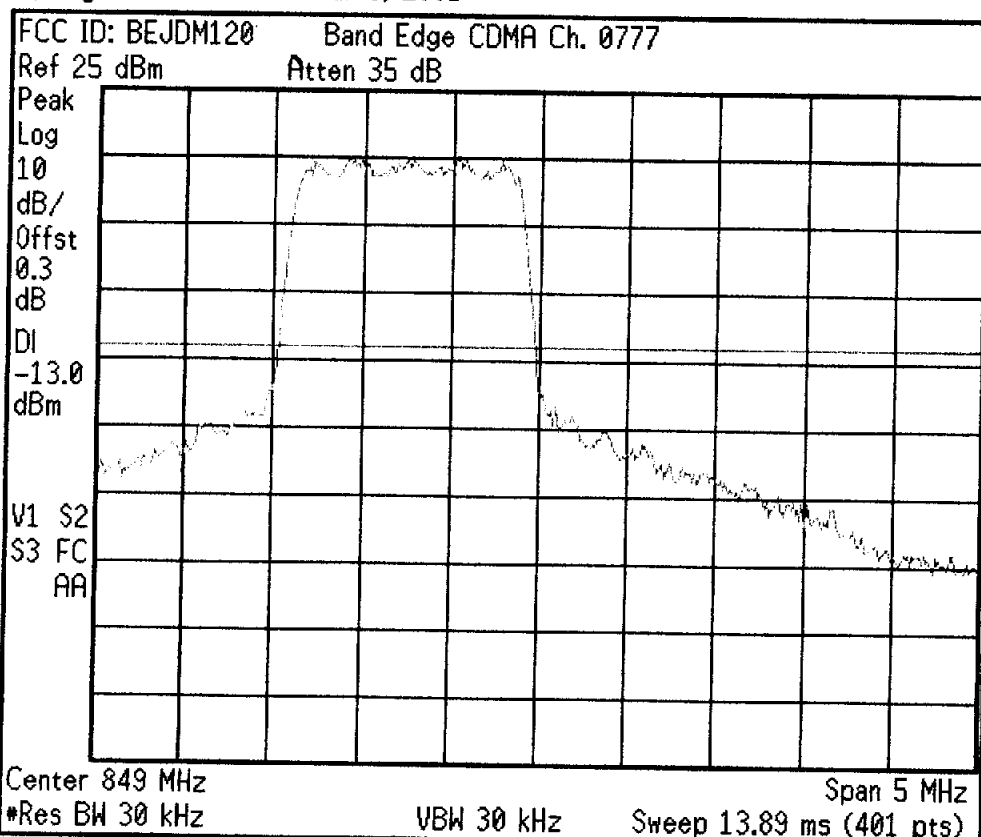
Freq Offset

0.00000000 Hz

Signal Track

On Off

* Agilent 10:59:04 Mar 6, 2001



Freq/Channel

Center Freq

849.000000 MHz

Start Freq

846.500062 MHz

Stop Freq

851.499938 MHz

CF Step

499.987000 kHz

Auto Man

Freq Offset

0.00000000 Hz

Signal Track

On Off

* Agilent 10:37:04 Mar 6, 2001

FCC ID: BEJDM120 Power Out CDMA Ch. 1013
Ref 25 dBm Atten 35 dB

Peak
Log
10
dB/
Offst
0.3
dB

V1 S2
S3 FC
AA

Center 824.7 MHz

*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz

Sweep 5 ms (401 pts)

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 10:40:02 Mar 6, 2001

FCC ID: BEJDM120 Power Out CDMA Ch. 0777
Ref 25 dBm Atten 35 dB

Peak
Log
10
dB/
Offst
0.3
dB

V1 S2
S3 FC
AA

Center 848.3 MHz

*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz

Sweep 5 ms (401 pts)

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