

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM160

LG Electronics

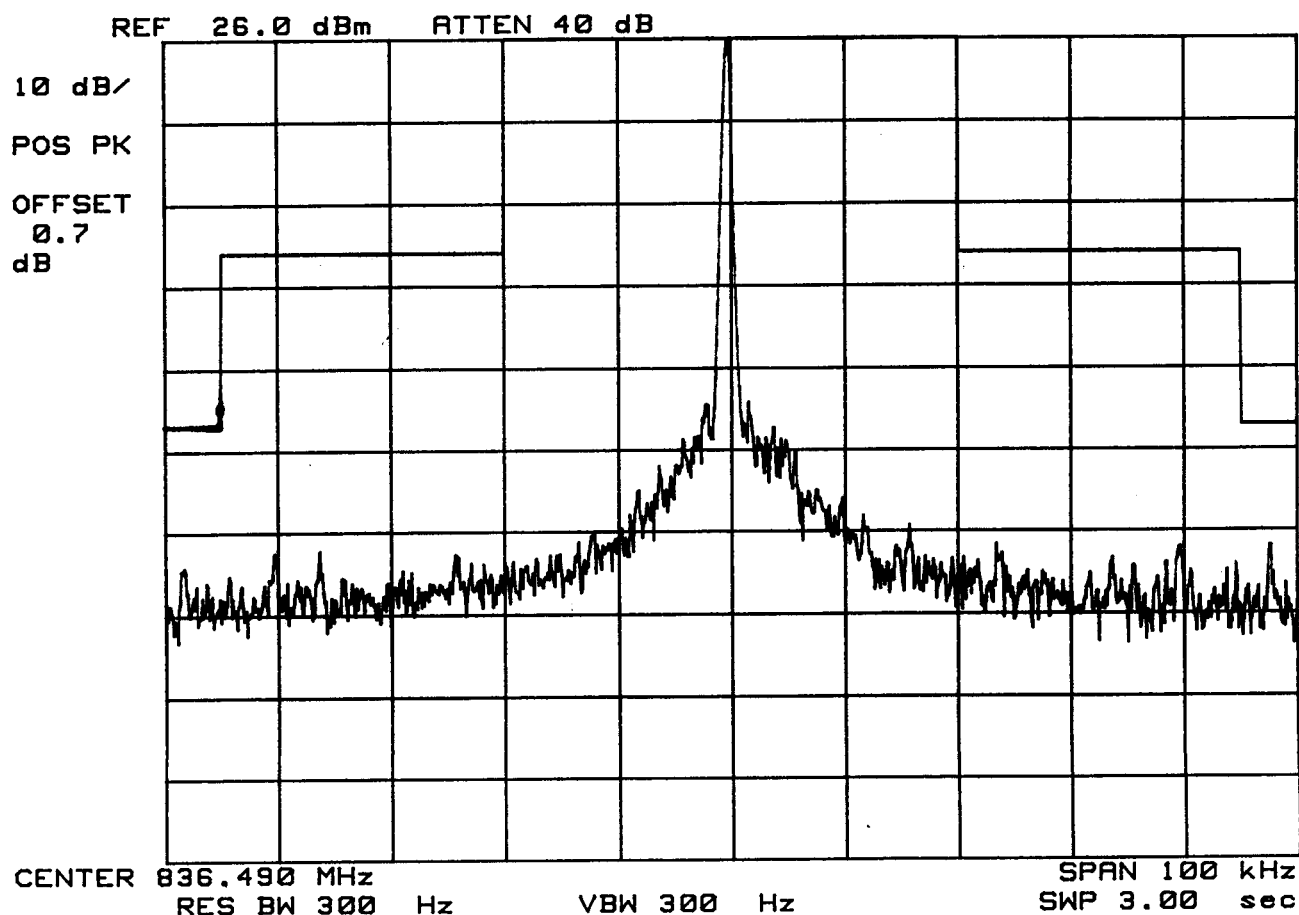
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

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LG Electronics

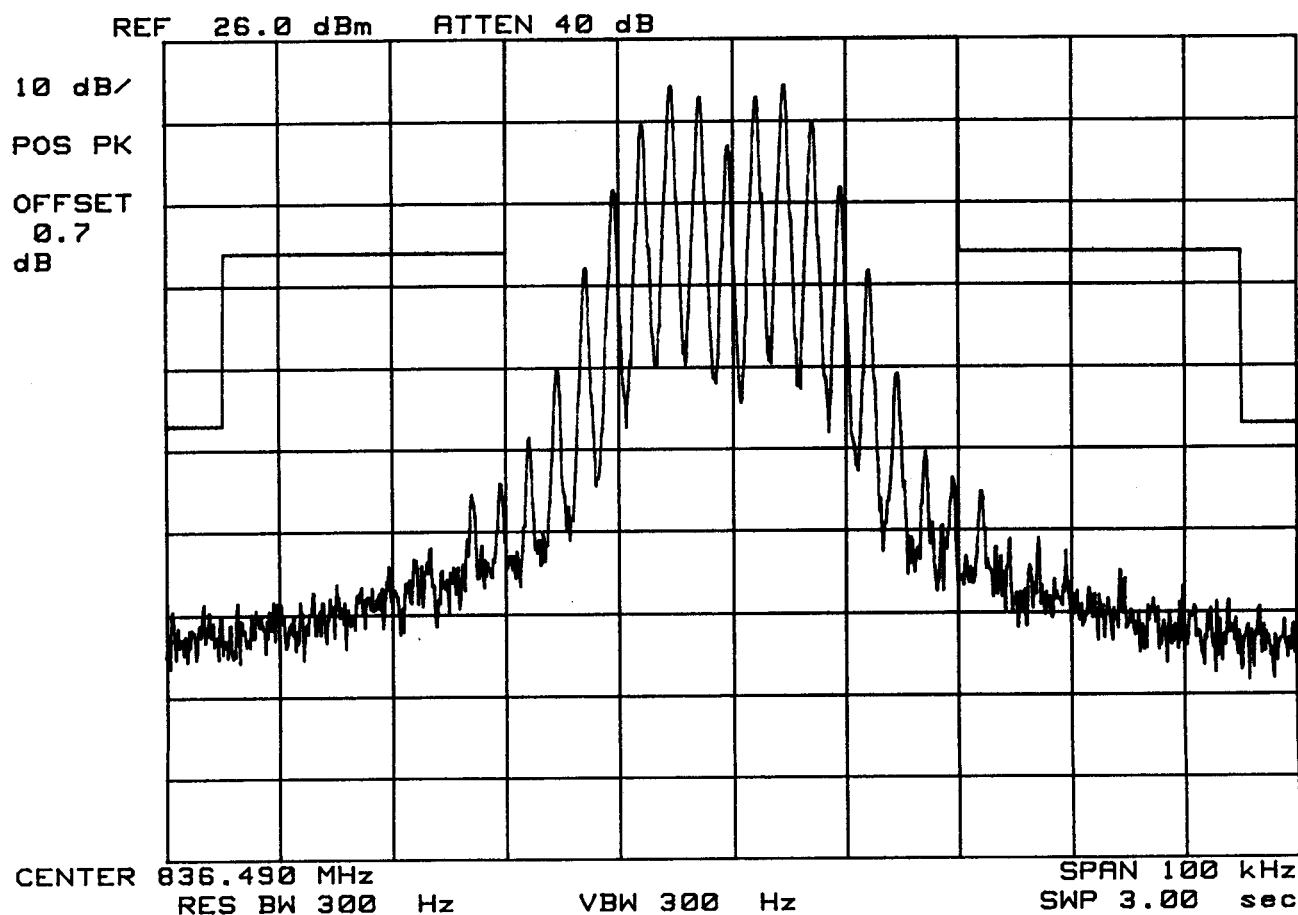
Dual-Mode Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM160

LG Electronics

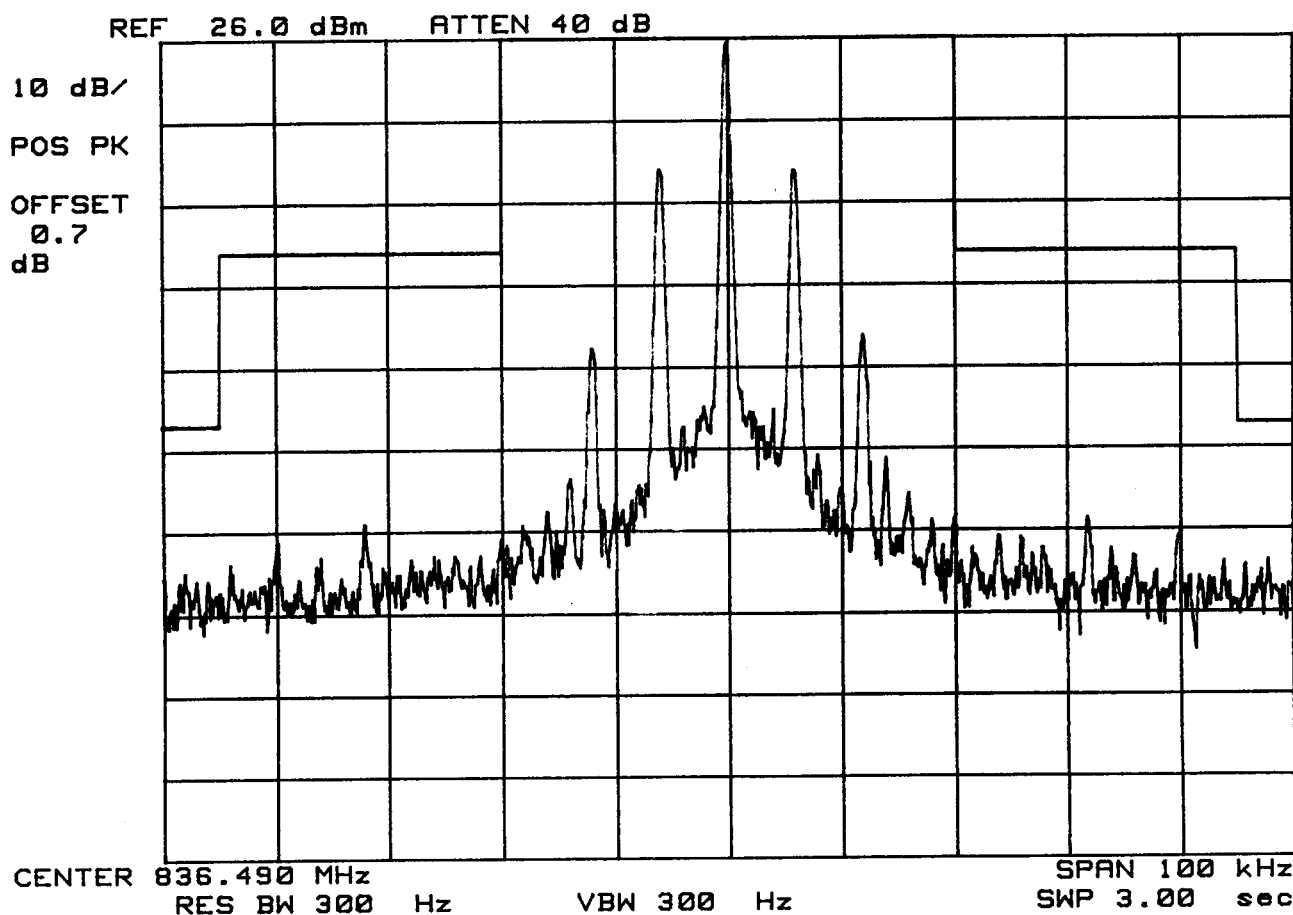
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM160

LG Electronics

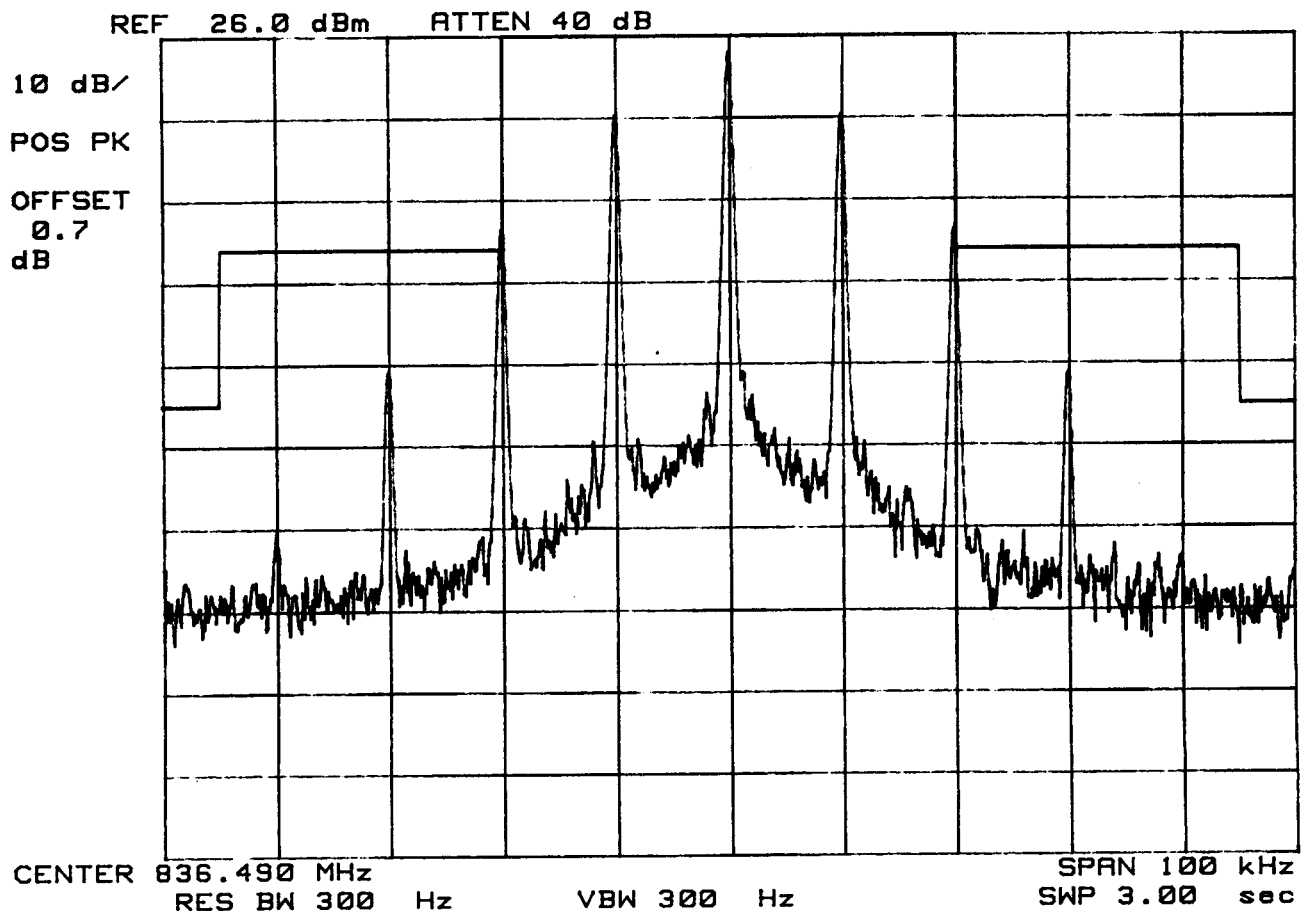
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM160

LG Electronics

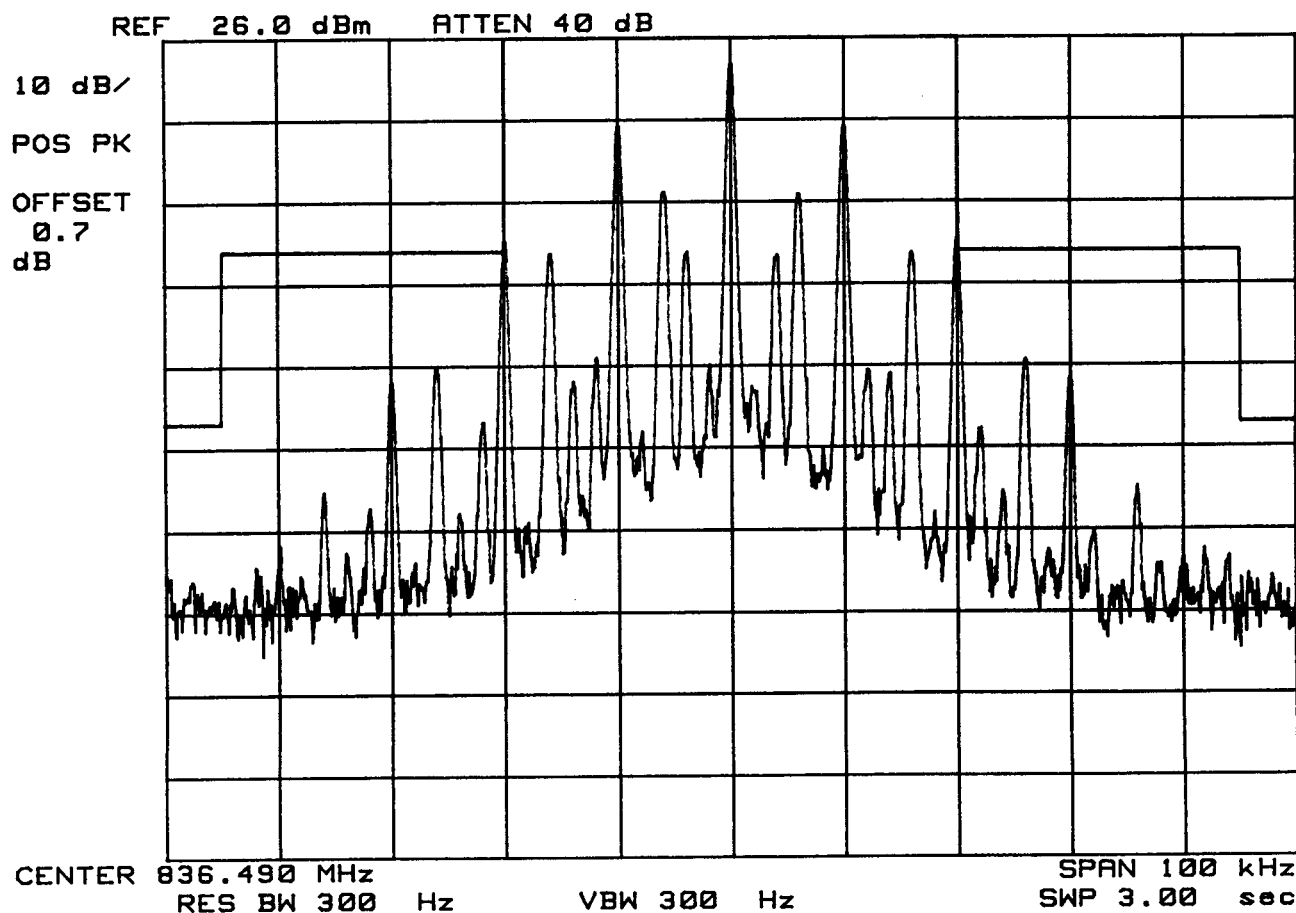
Dual-Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + ST



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SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM160

LG Electronics

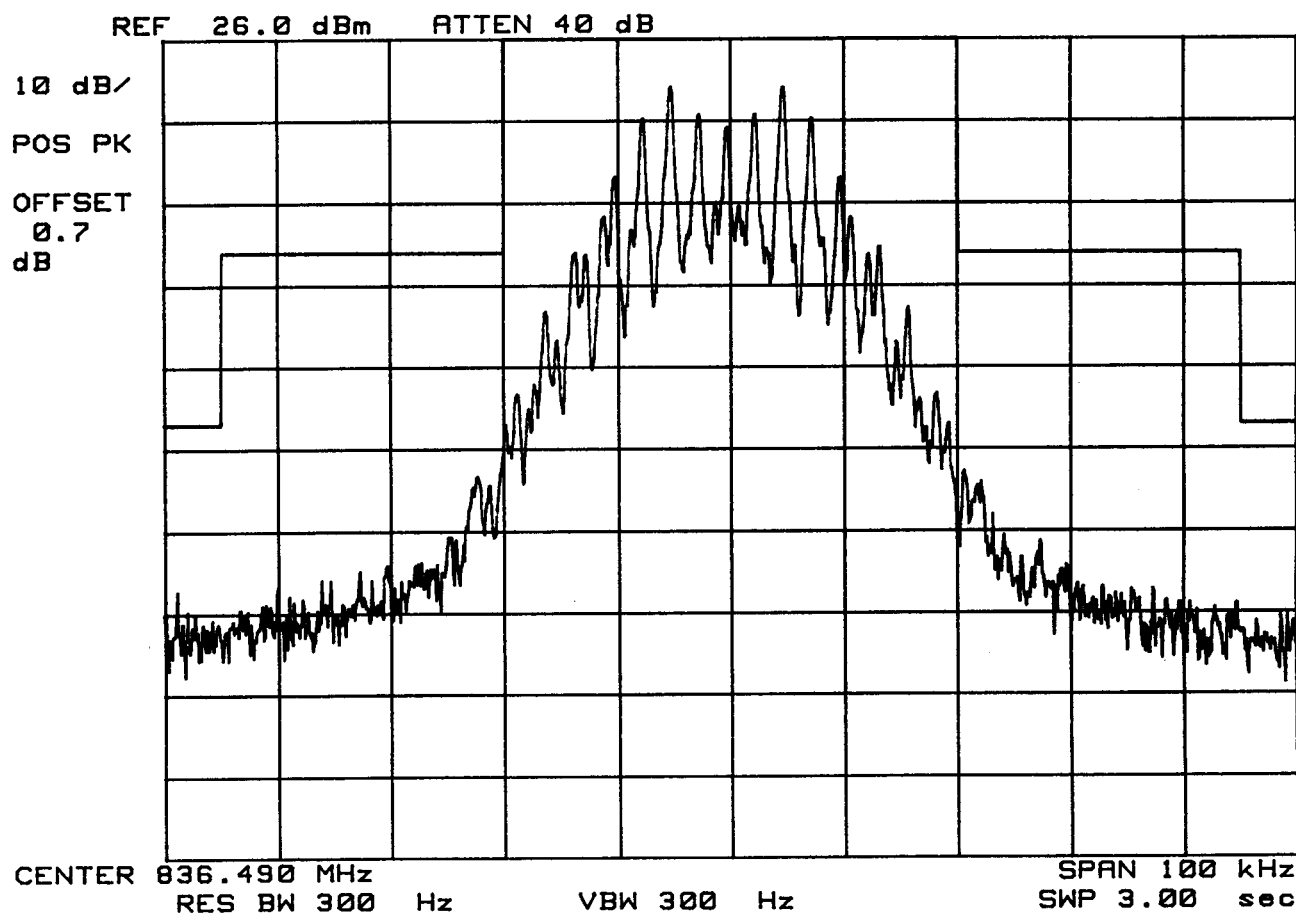
Dual-Mode Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:BEJDM160

LG Electronics

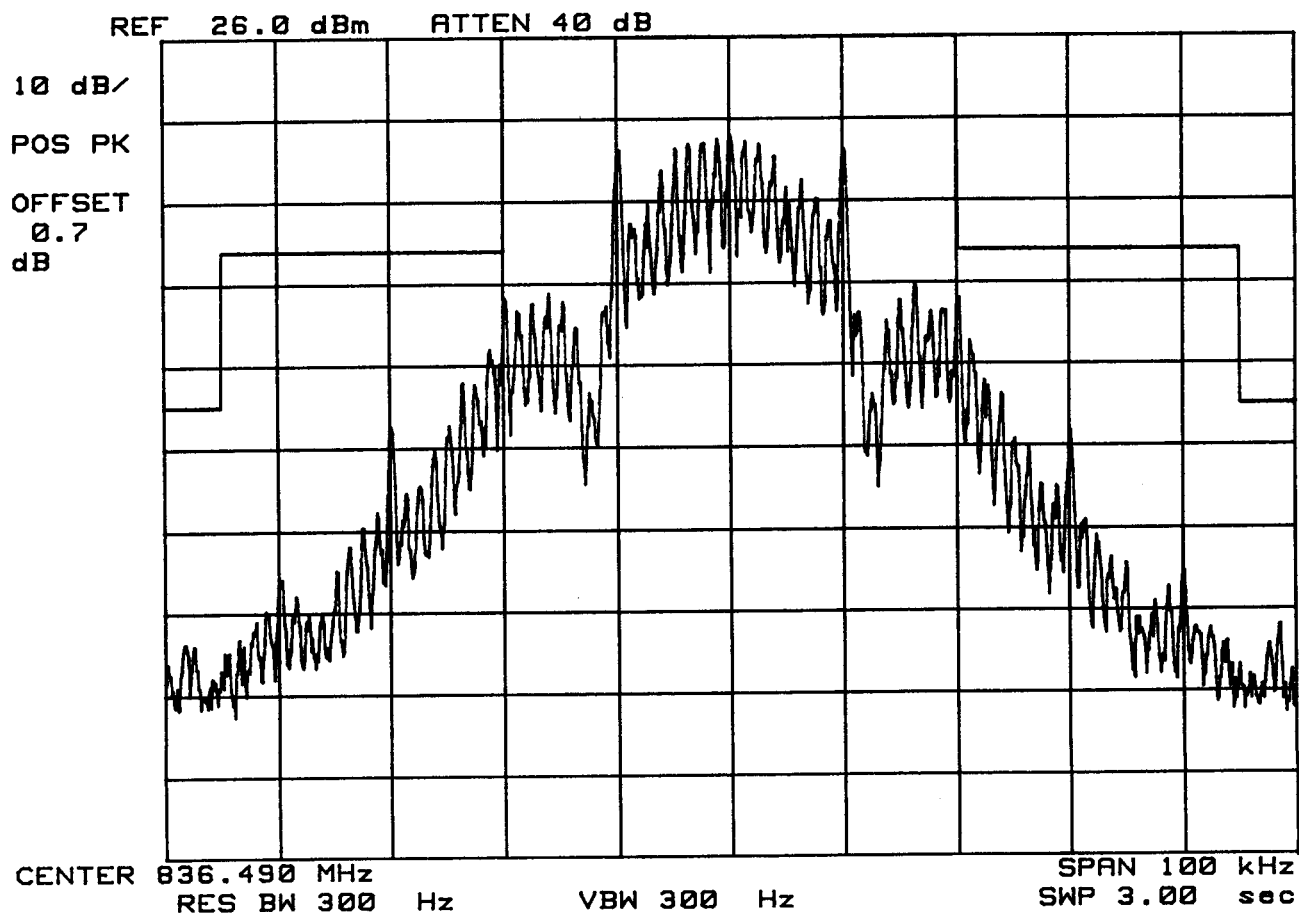
Dual-Mode Phone

FM Channel 383

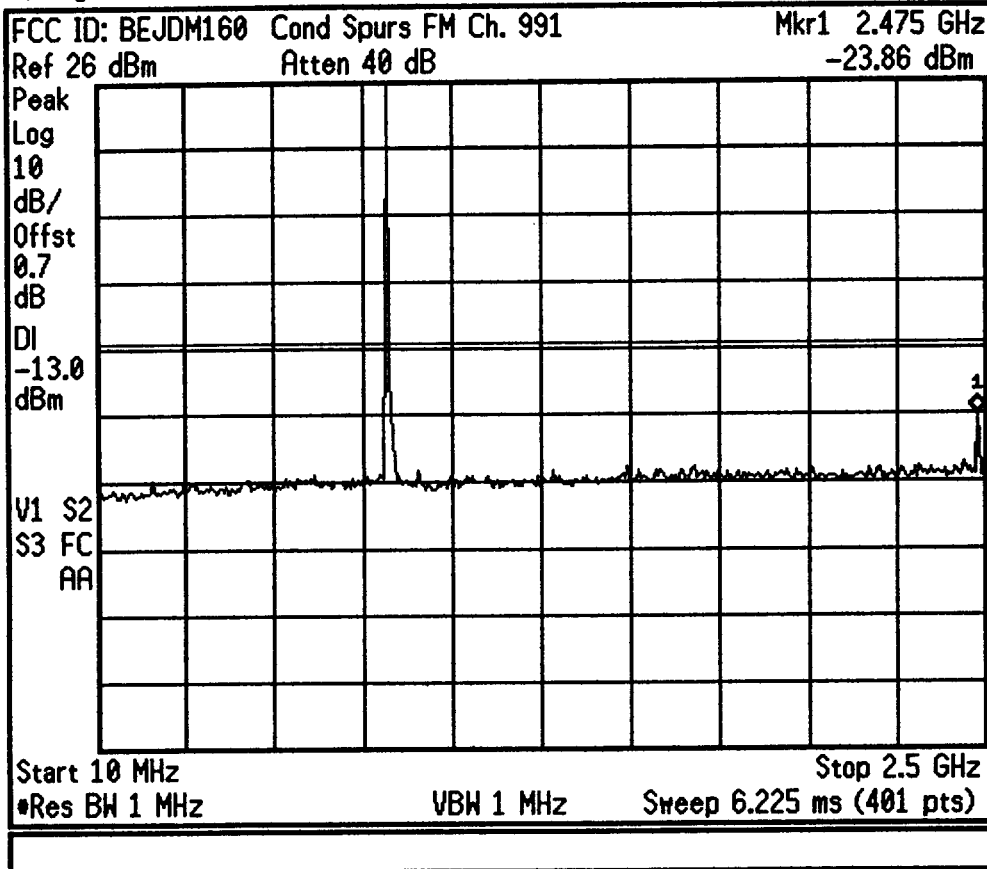
Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Wide Band Data

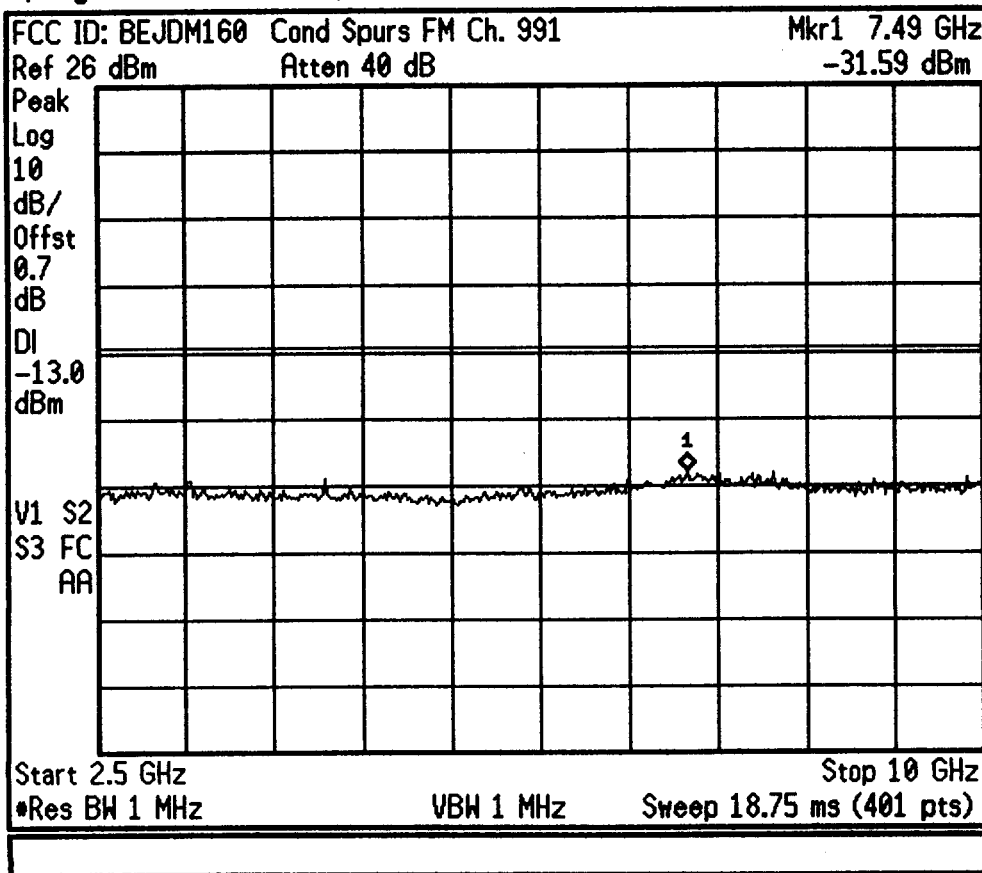


* Agilent 06:34:27 Sep 24, 2001



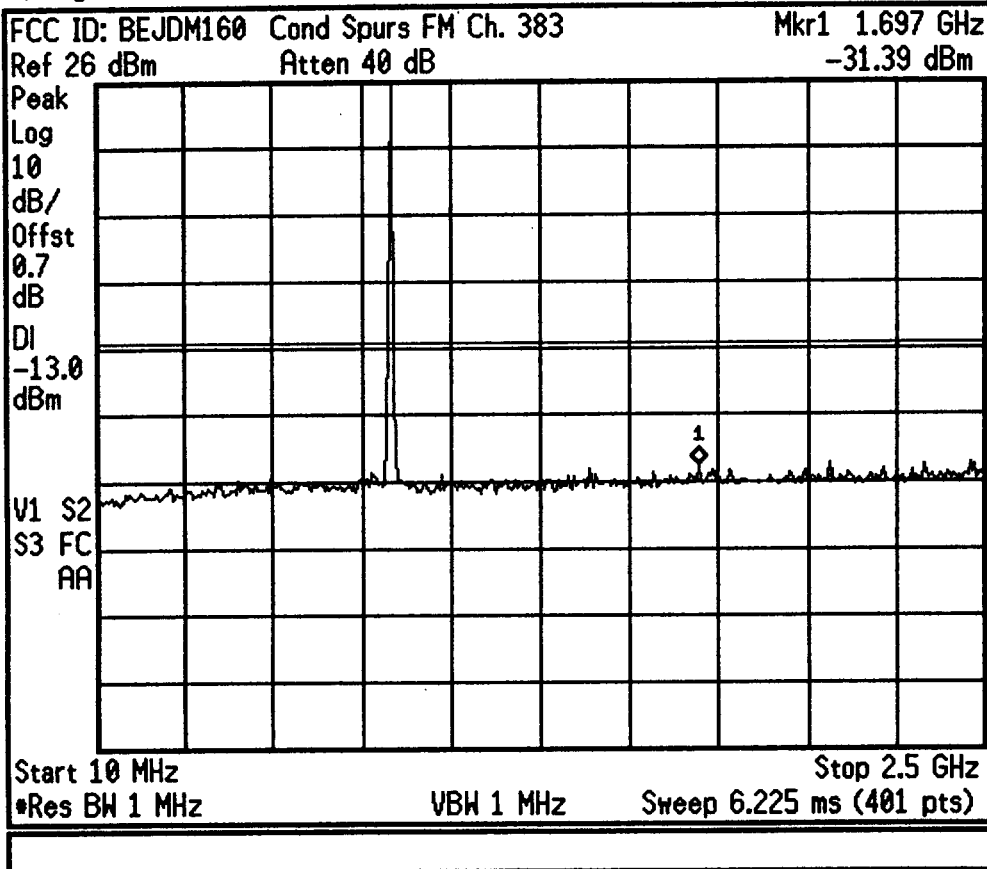
Freq/Channel
Center Freq 1.25500000 GHz
Start Freq 10.0000000 MHz
Stop Freq 2.50000000 GHz
CF Step 249.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 06:35:26 Sep 24, 2001



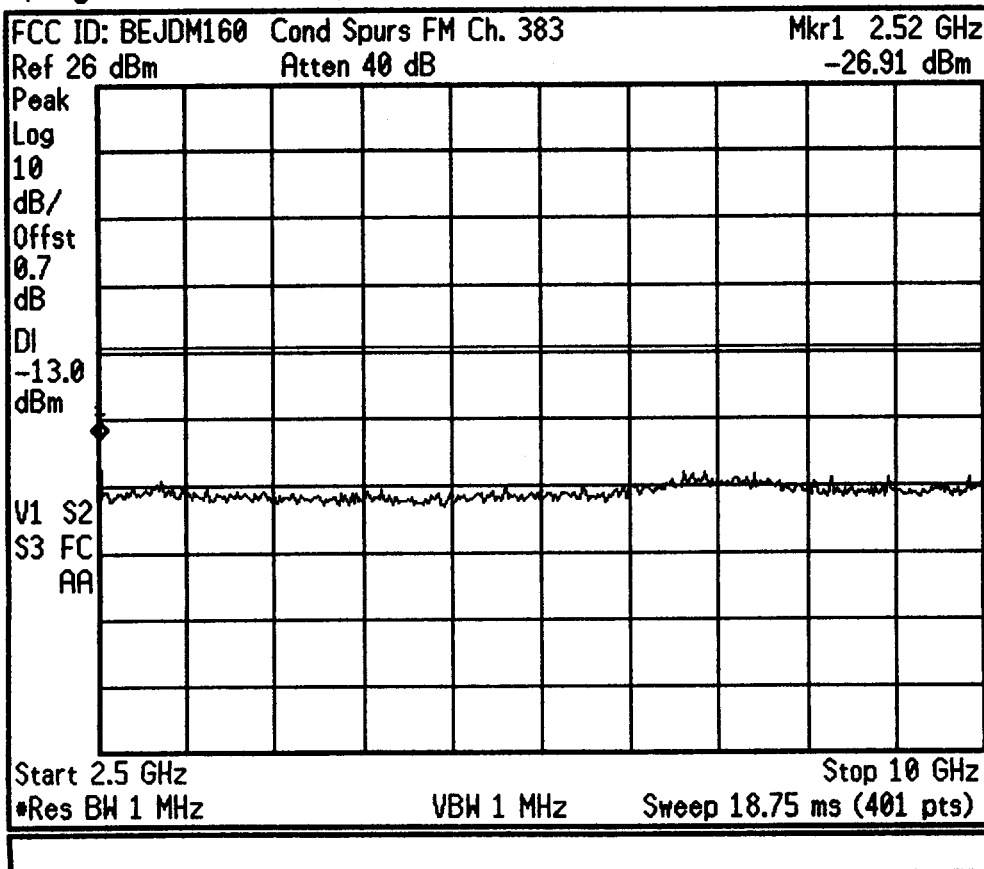
Freq/Channel
Center Freq 6.25000000 GHz
Start Freq 2.50000000 GHz
Stop Freq 10.0000000 GHz
CF Step 750.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 06:43:32 Sep 24, 2001



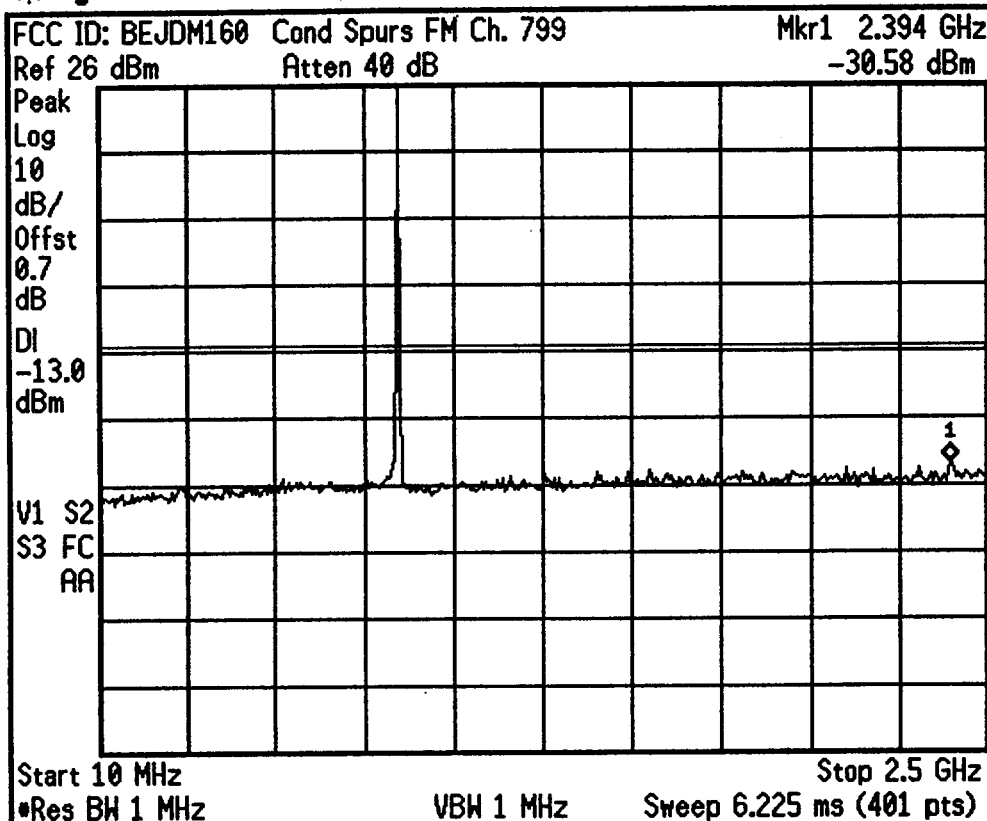
Freq/Channel
Center Freq 1.25500000 GHz
Start Freq 10.0000000 MHz
Stop Freq 2.50000000 GHz
CF Step 249.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 06:44:20 Sep 24, 2001



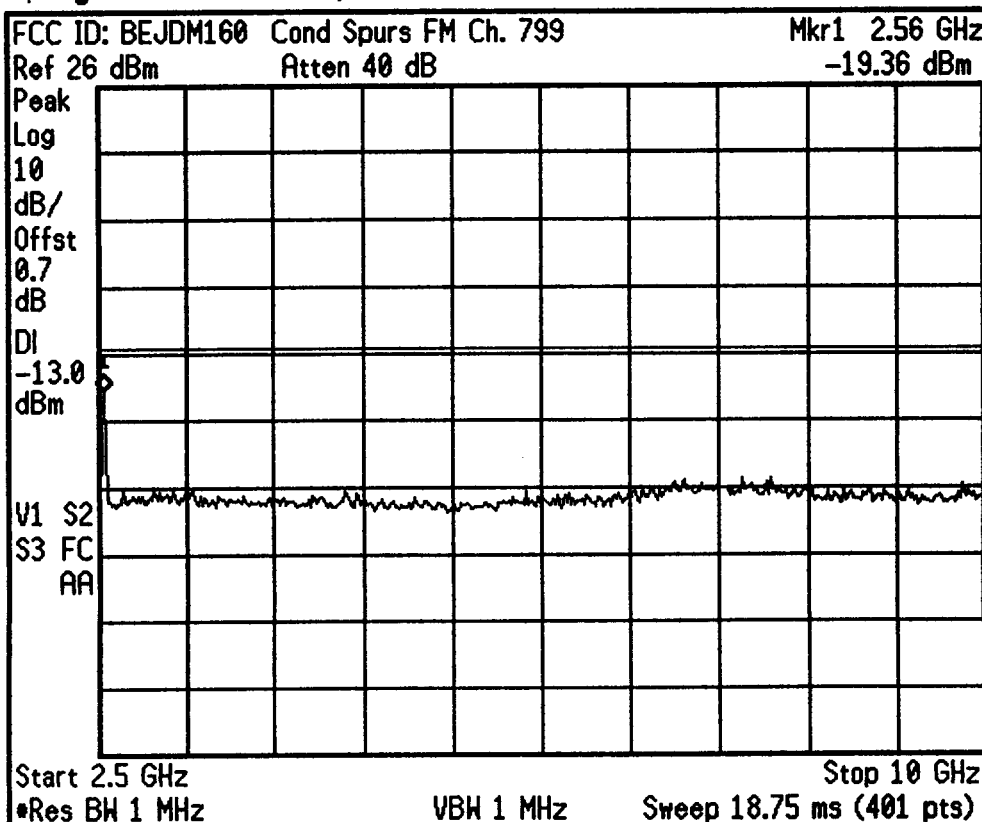
Freq/Channel
Center Freq 6.25000000 GHz
Start Freq 2.50000000 GHz
Stop Freq 10.0000000 GHz
CF Step 750.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 06:45:25 Sep 24, 2001



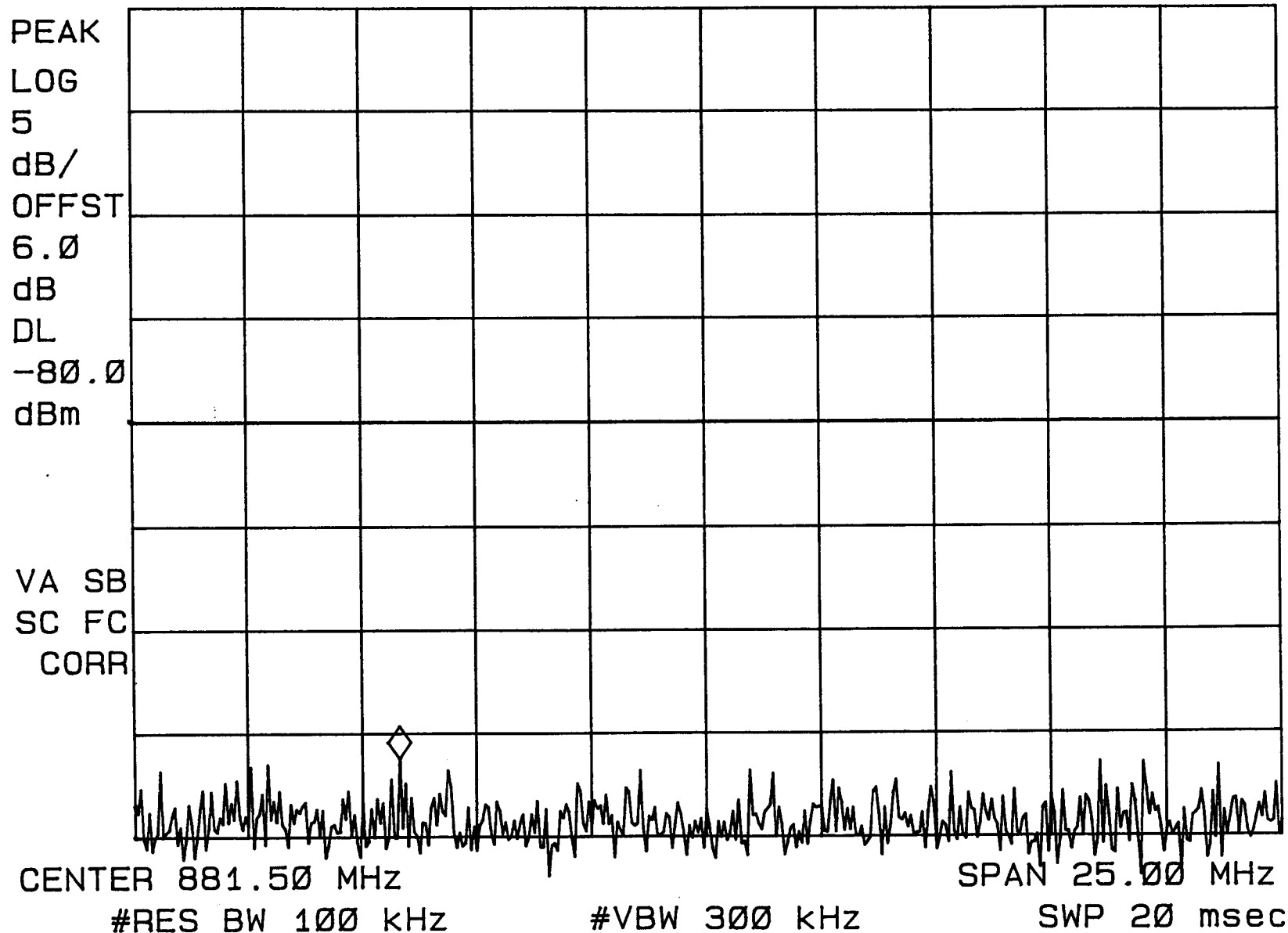
Freq/Channel
Center Freq 1.25500000 GHz
Start Freq 10.0000000 MHz
Stop Freq 2.50000000 GHz
CF Step 249.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 06:46:26 Sep 24, 2001

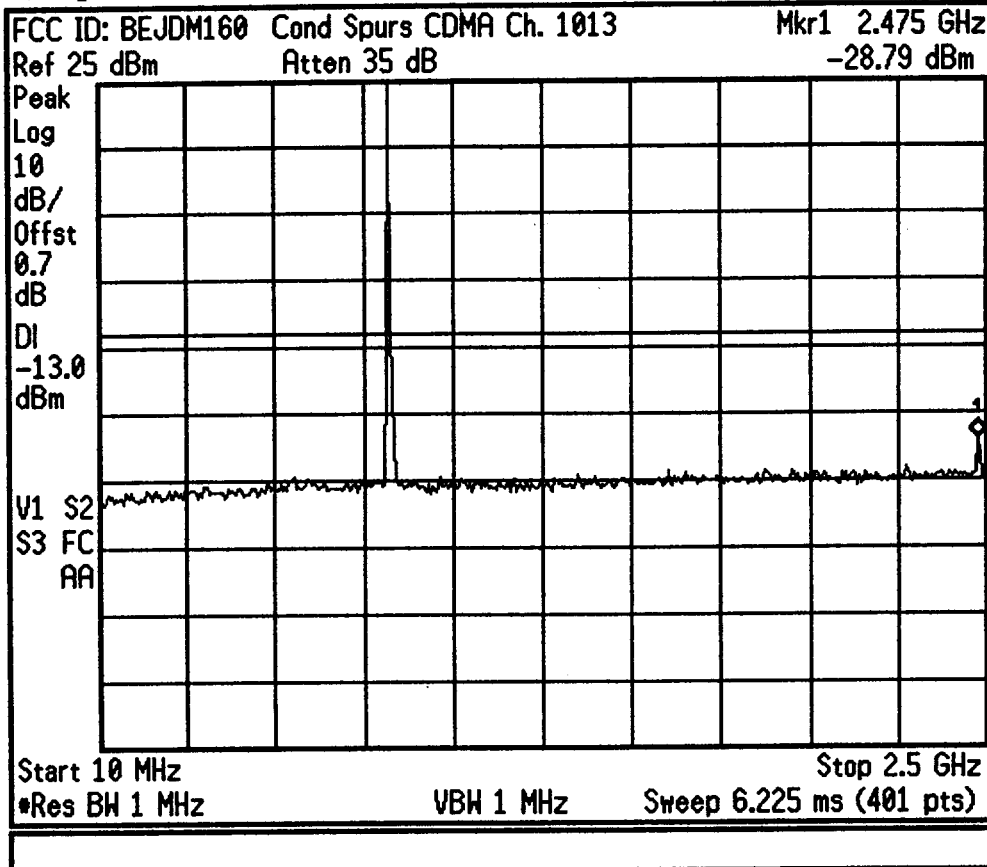


Freq/Channel
Center Freq 6.25000000 GHz
Start Freq 2.50000000 GHz
Stop Freq 10.0000000 GHz
CF Step 750.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

~~h~~ FCC ID: BEJDM160 FM MODE MKR 874.81 MHz
REF -60.0 dBm ATTEN 10 dB PG 25.0 dB -96.22 dBm

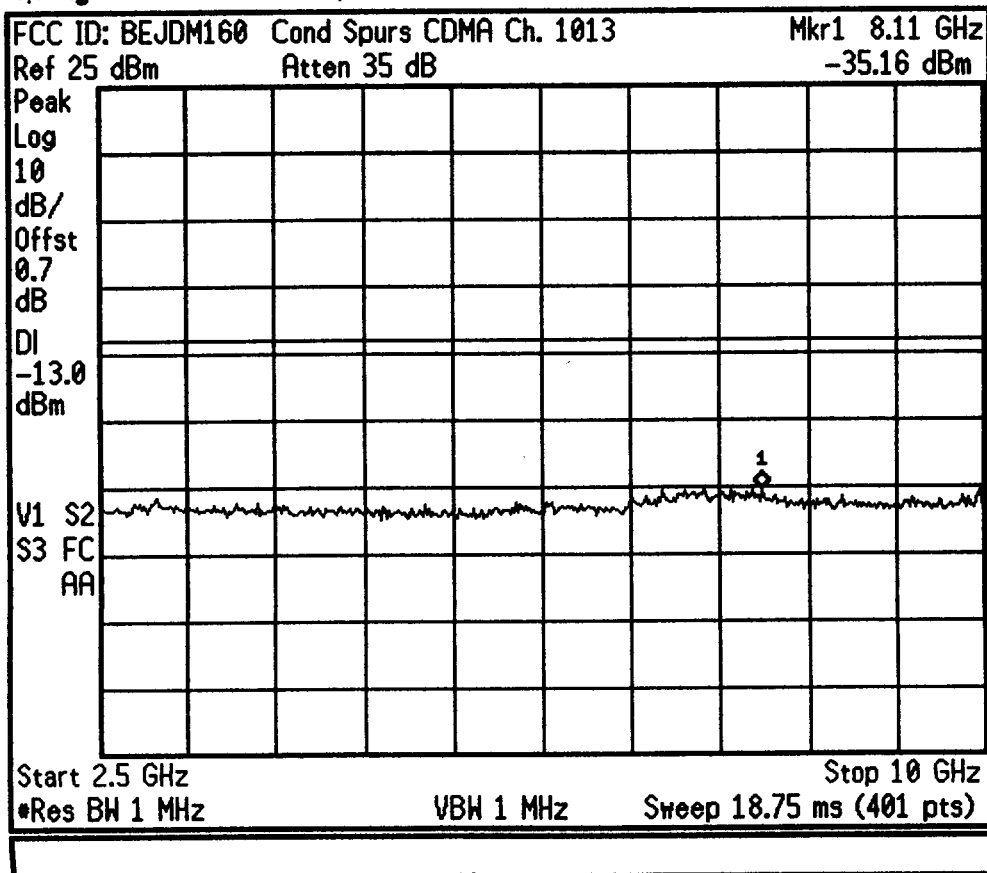


* Agilent 06:50:33 Sep 24, 2001



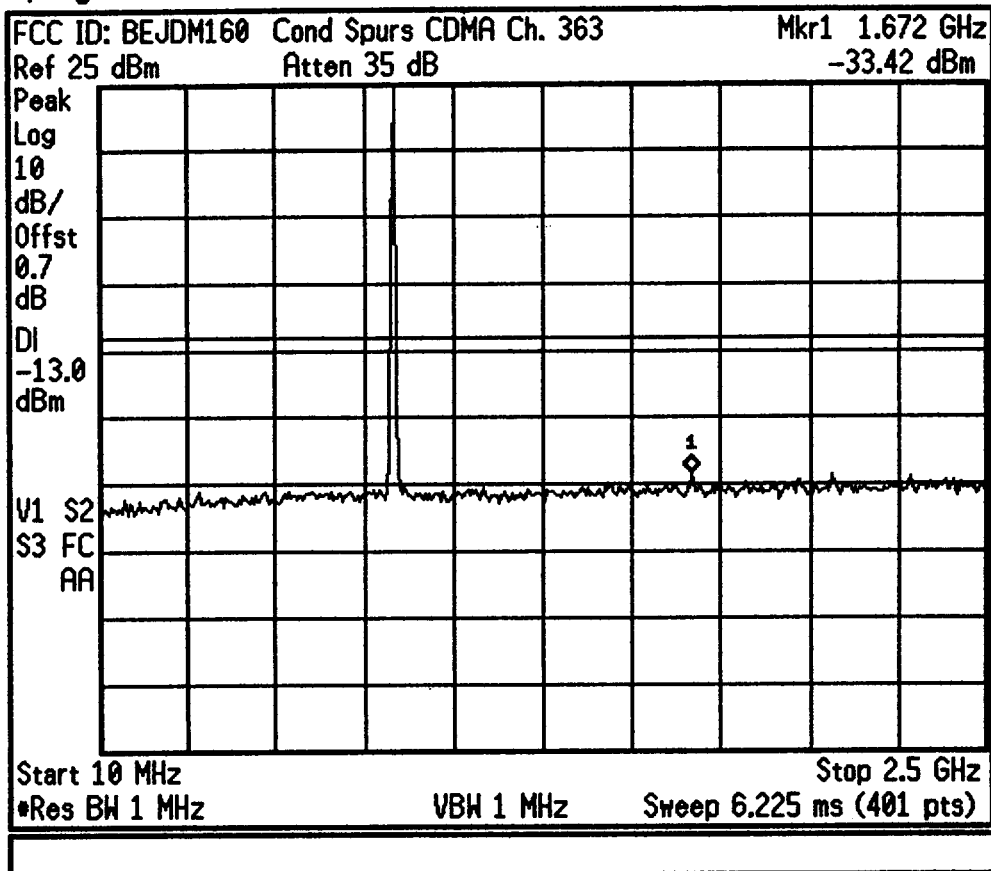
Freq/Channel
Center Freq 1.25500000 GHz
Start Freq 10.0000000 MHz
Stop Freq 2.50000000 GHz
CF Step 249.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 06:51:20 Sep 24, 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 06:52:43 Sep 24, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

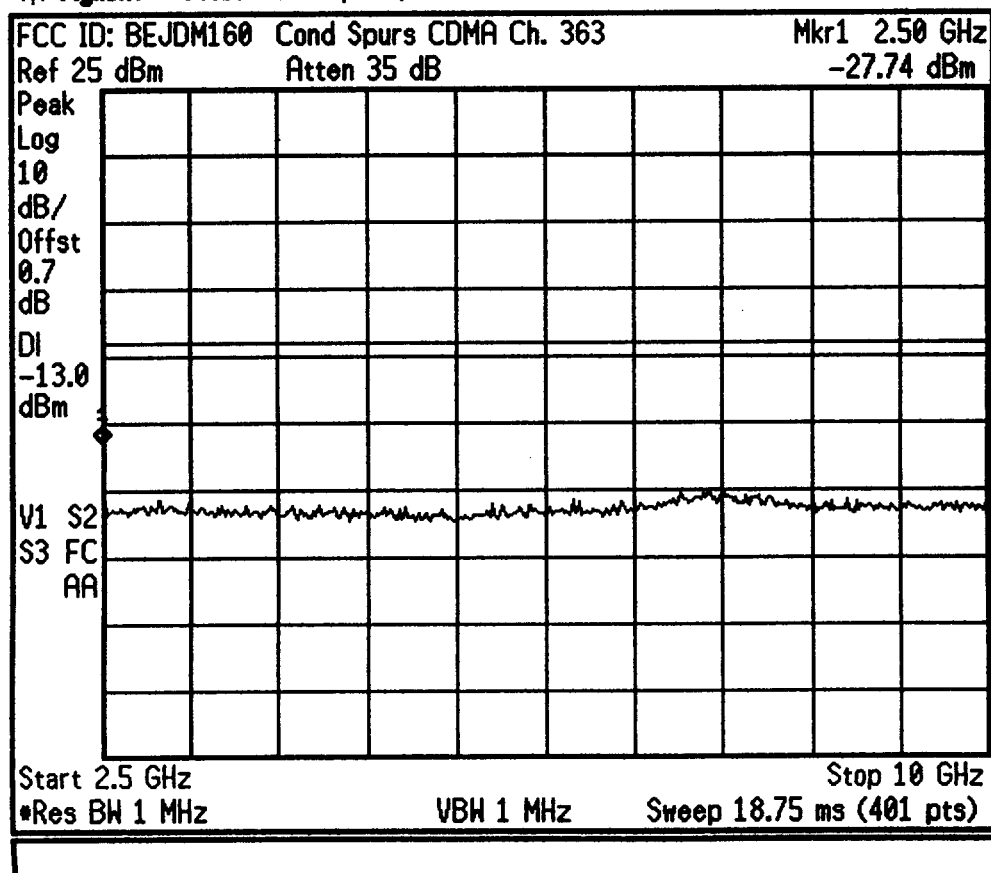
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 06:53:28 Sep 24, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

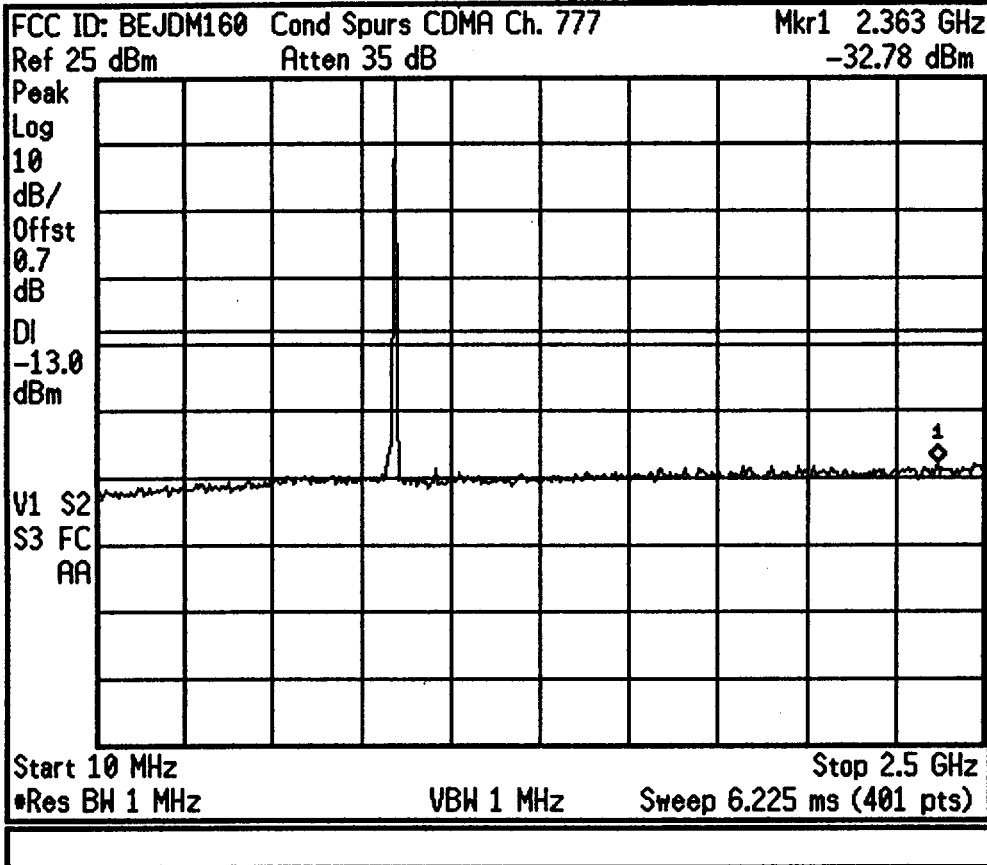
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

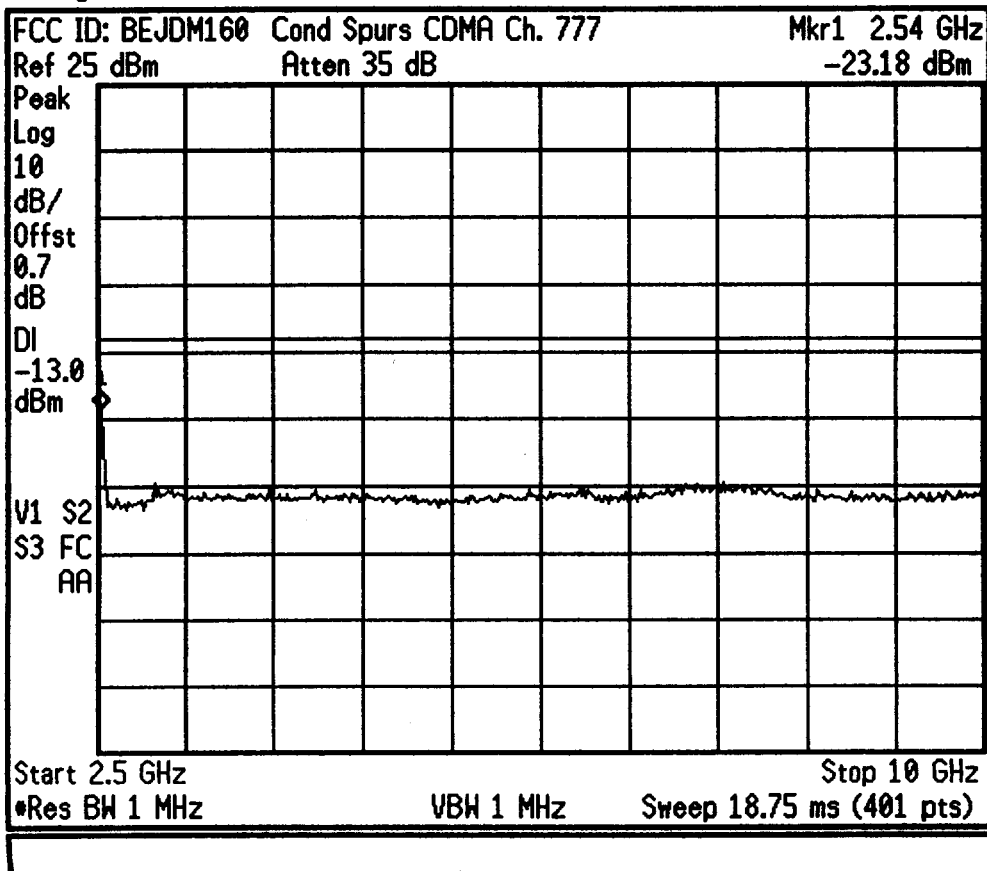
Signal Track
 On Off

* Agilent 06:56:00 Sep 24, 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 06:57:03 Sep 24, 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 07:03:20 Sep 24, 2001

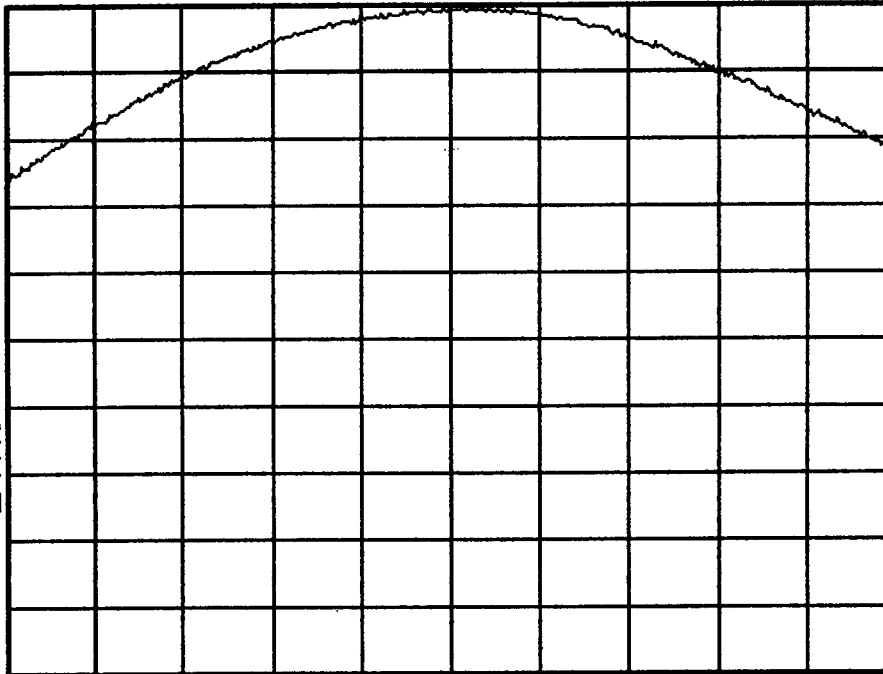
FCC ID: BEJDM160 POWER OUT CDMA Ch. 1013

Ref 25 dBm

Atten 35 dB

Peak
Log
10
dB/
Offst
0.7
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 07:04:46 Sep 24, 2001

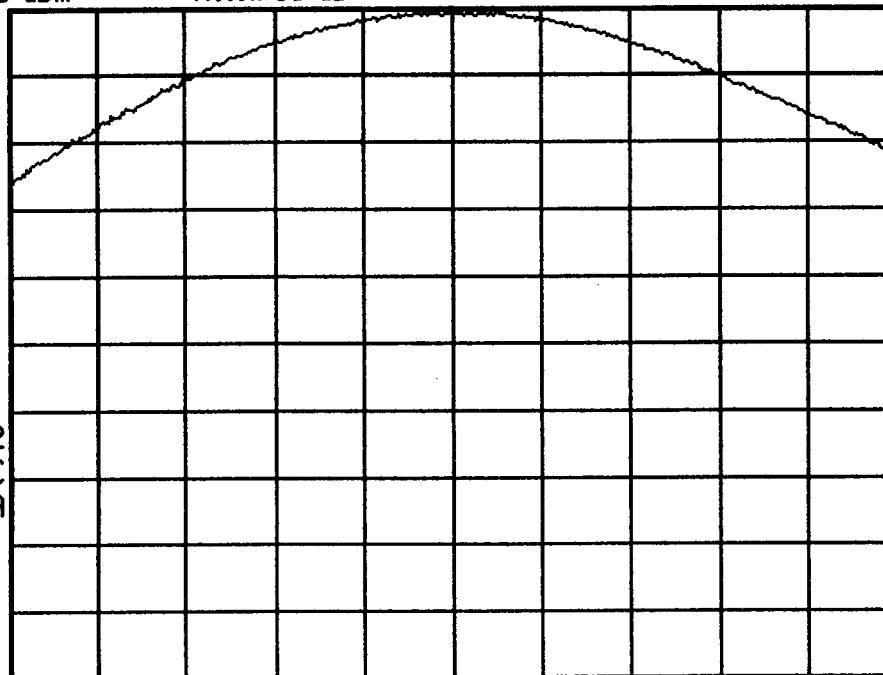
FCC ID: BEJDM160 POWER OUT CDMA Ch. 777

Ref 25 dBm

Atten 35 dB

Peak
Log
10
dB/
Offst
0.7
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

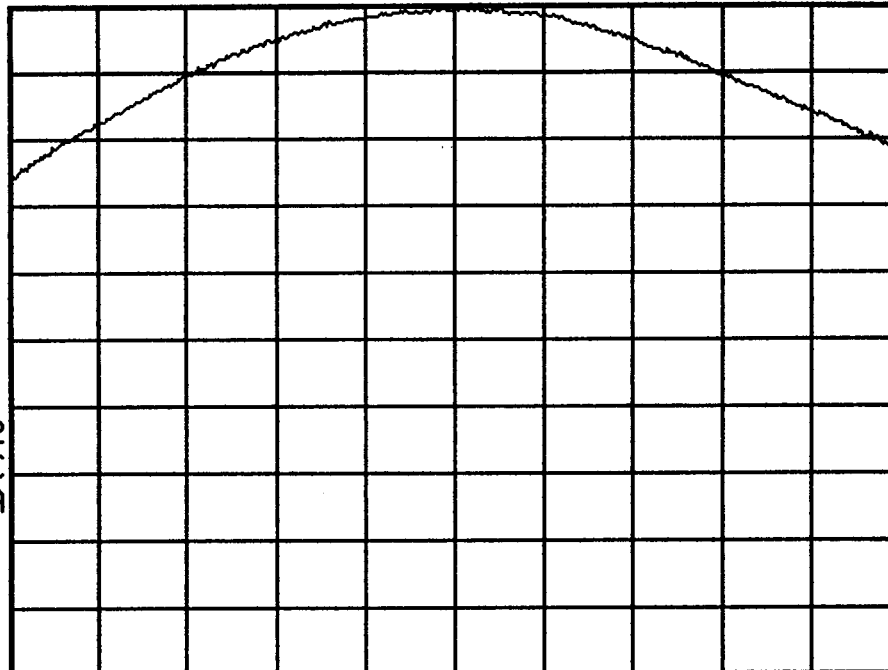
* Agilent 07:07:12 Sep 24, 2001

FCC ID: BEJDM160 POWER OUT CDMA Ch. 363

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

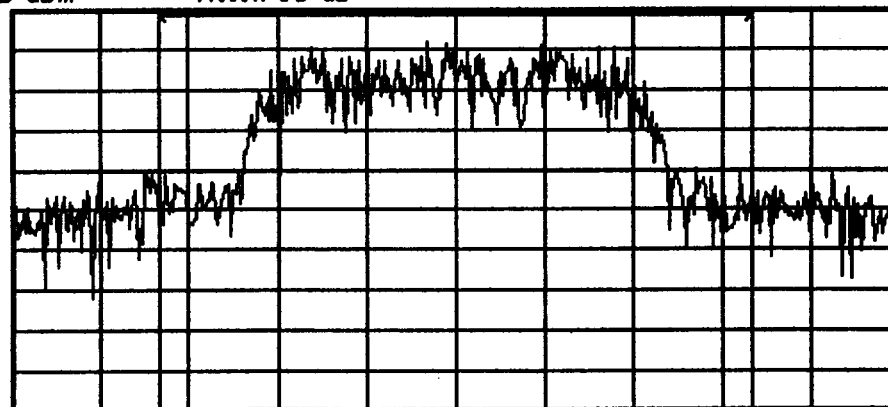
Signal Track
On Off

* Agilent 07:09:38 Sep 24, 2001

FCC ID: BEJDM160 POWER OUT CDMA Ch. 363

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

* Agilent 07:22:36 Sep 24, 2001

FCC ID: BEJDM160 BAND EDGE CDMA Ch. 1013

Ref 25 dBm

Atten 35 dB

Peak

Log

10

dB/

Offst

0.7

dB

DI

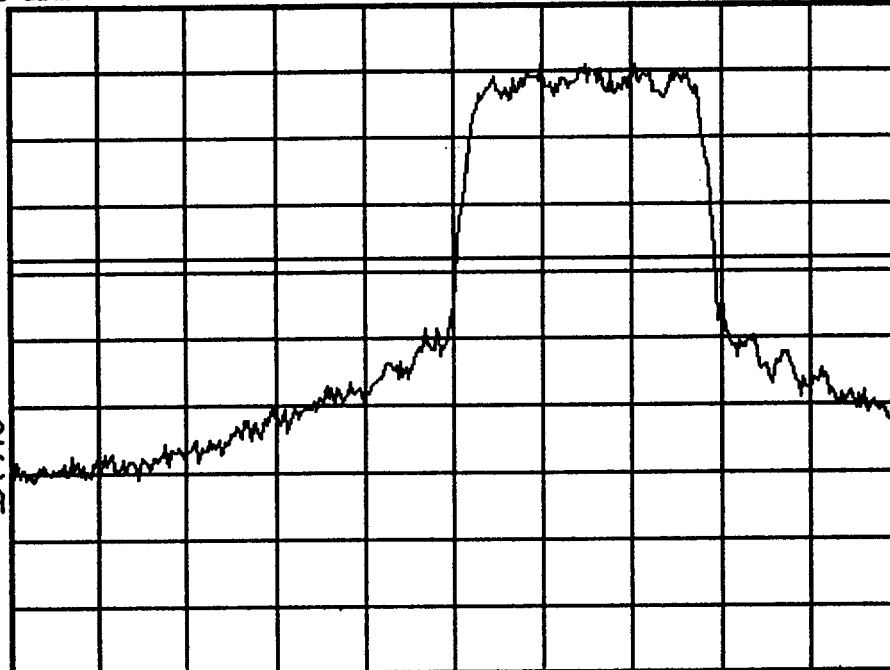
-13.0

dBm

V1 S2

S3 FC

AA



Center 824 MHz

Res BW 30 kHz

VBW 30 kHz

Sweep 13.89 ms (401 pts)

Span 5 MHz

Freq/Channel

Center Freq

824.000000 MHz

Start Freq

821.500000 MHz

Stop Freq

826.500000 MHz

CF Step

500.000000 kHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

* Agilent 07:25:43 Sep 24, 2001

FCC ID: BEJDM160 BAND EDGE CDMA Ch. 777

Ref 25 dBm

Atten 35 dB

Peak

Log

10

dB/

Offst

0.7

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA



Center 849 MHz

Res BW 30 kHz

VBW 30 kHz

Sweep 13.89 ms (401 pts)

Span 5 MHz

Freq/Channel

Center Freq

849.000000 MHz

Start Freq

846.500000 MHz

Stop Freq

851.500000 MHz

CF Step

500.000000 kHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

PCTEST Engineering Lab., Inc.

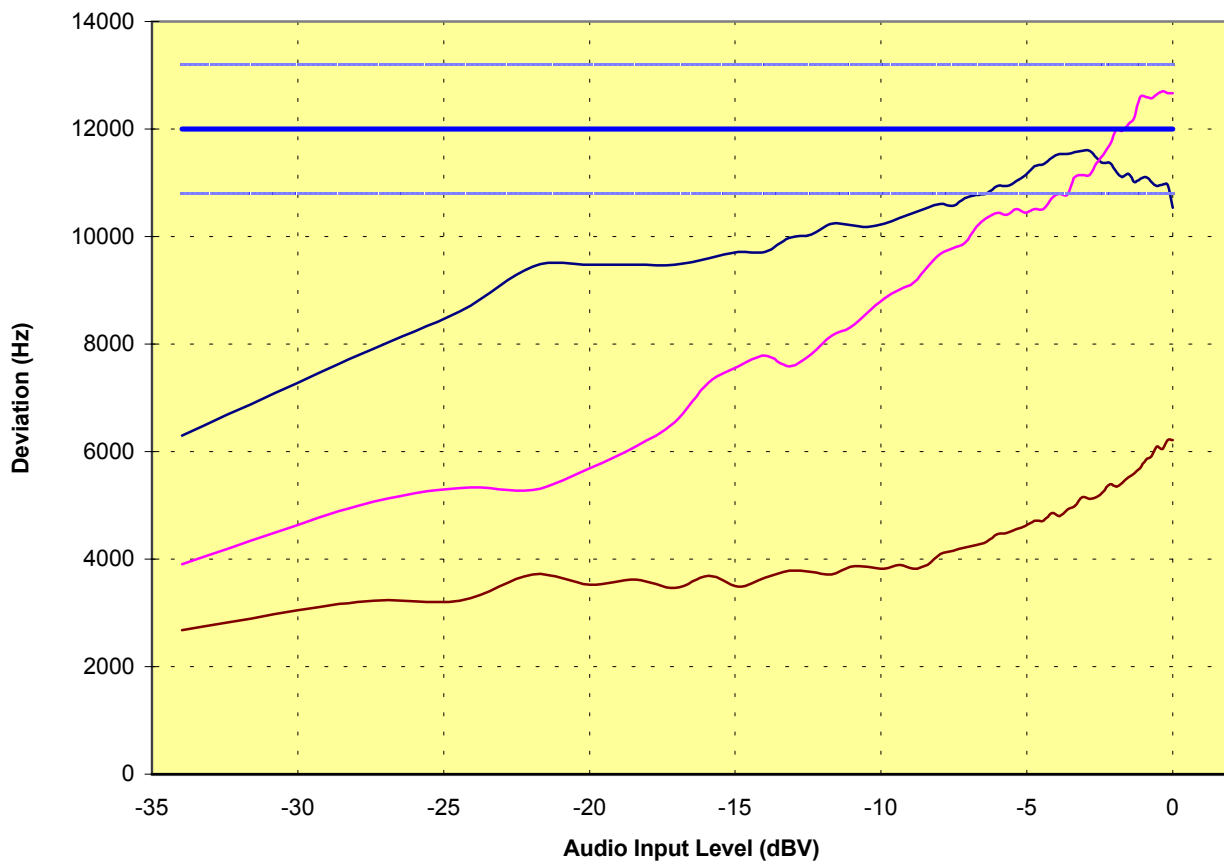
SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No. 22.210918545.BEJ
Test Date: 09.21.2001

EUT: LGE Dual-Mode Cellular Phone (AMPS/CDMA)
Model: LG-DM160
FCC ID: BEJDM160

REFERENCE: 1 kHz = 0 dB

Modulation Limiting



LGE Dual-Mode Cellular Phone (AMPS/CDMA)
FCC ID: FFMDM160

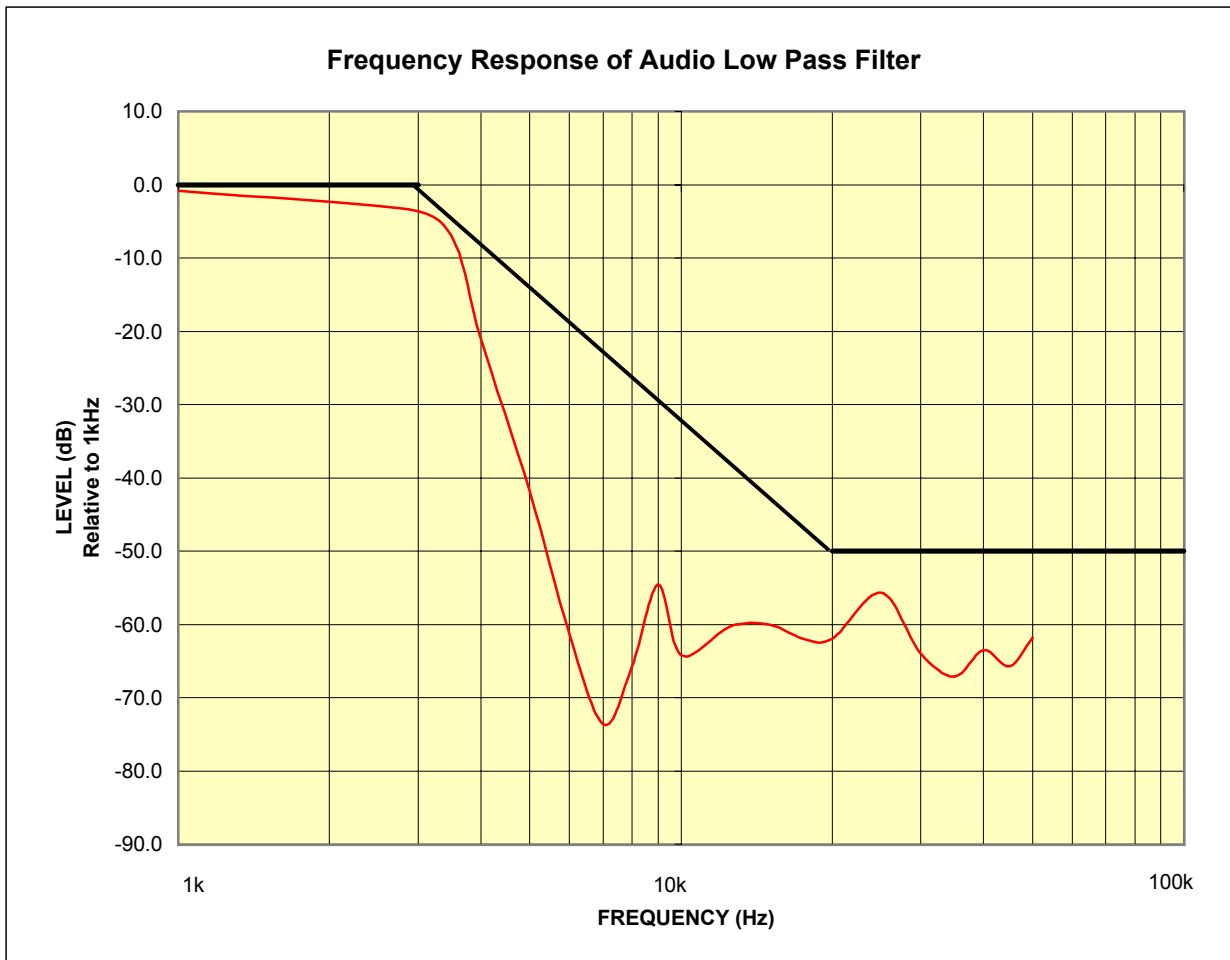
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No. 22.210918545.BEJ
Test Date: 09.21.2001

EUT: LGE Dual-Mode Cellular Phone (AMPS/CDMA)
Model: LG-DM160
FCC ID: BEJDM160

REFERENCE: 1 kHz = 0 dB



LGE Dual-Mode Cellular Phone (AMPS/CDMA)
FCC ID: FFMDM160

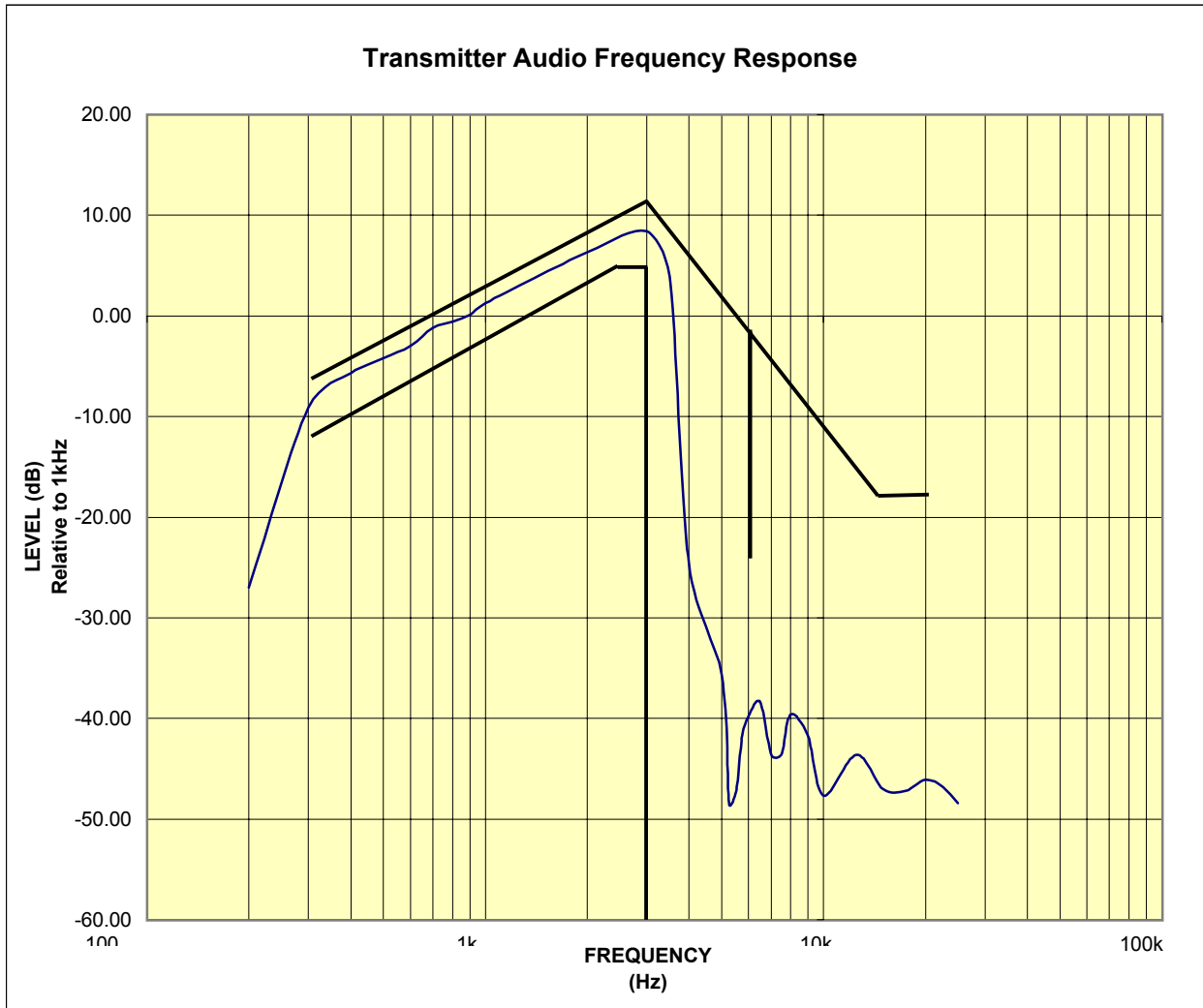
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No. 22.210918545.BEJ
Test Date: 09.21.2001

EUT: LGE Dual-Mode Cellular Phone (AMPS/CDMA)
Model: LG-DM160
FCC ID: BEJDM160

REFERENCE: 1 kHz = 0 dB



LGE Dual-Mode Cellular Phone (AMPS/CDMA)
FCC ID: FFMDM160