

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHN255

SAMSUNG

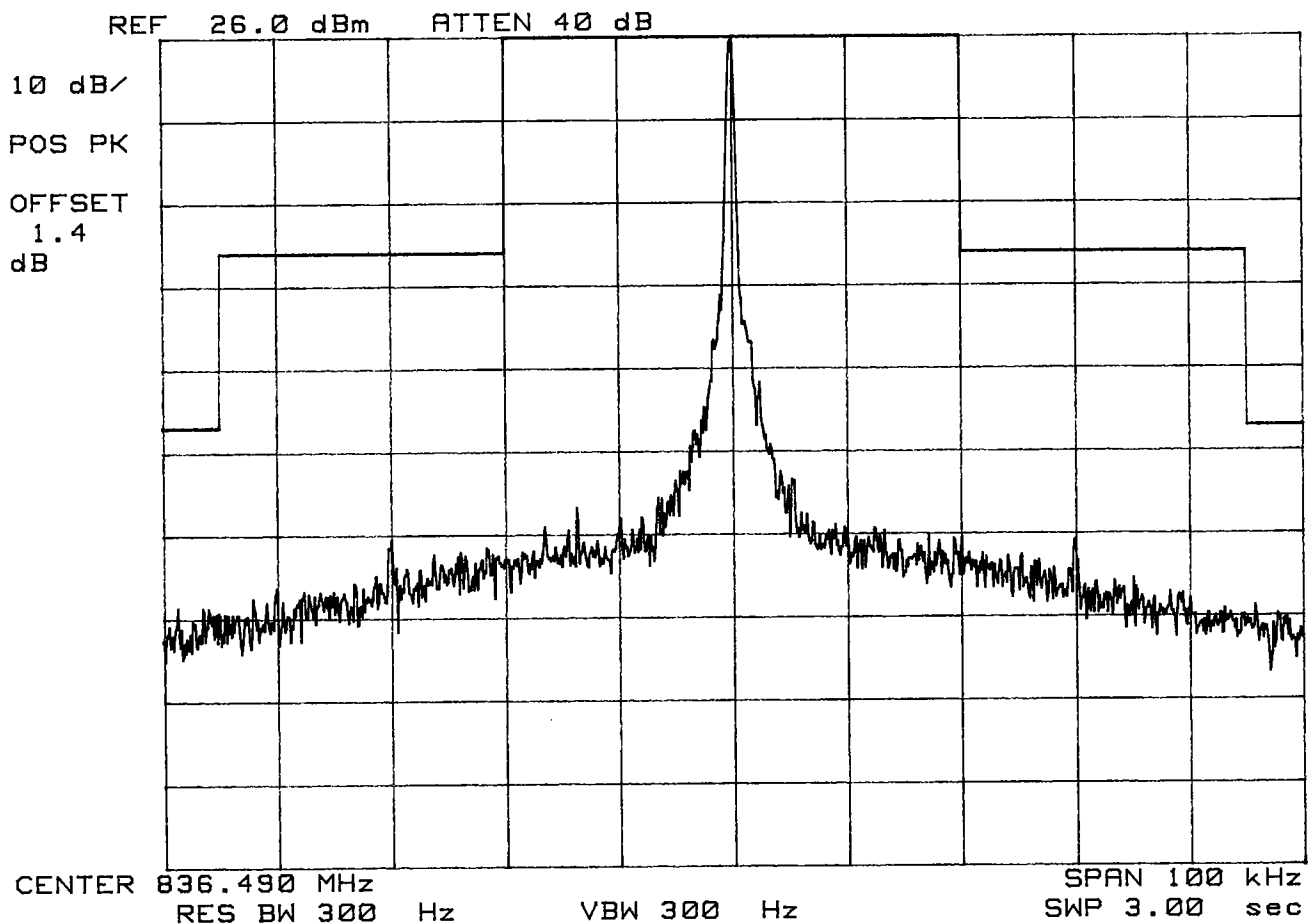
Dual Mode Phone

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:A3LSCHN255

SAMSUNG

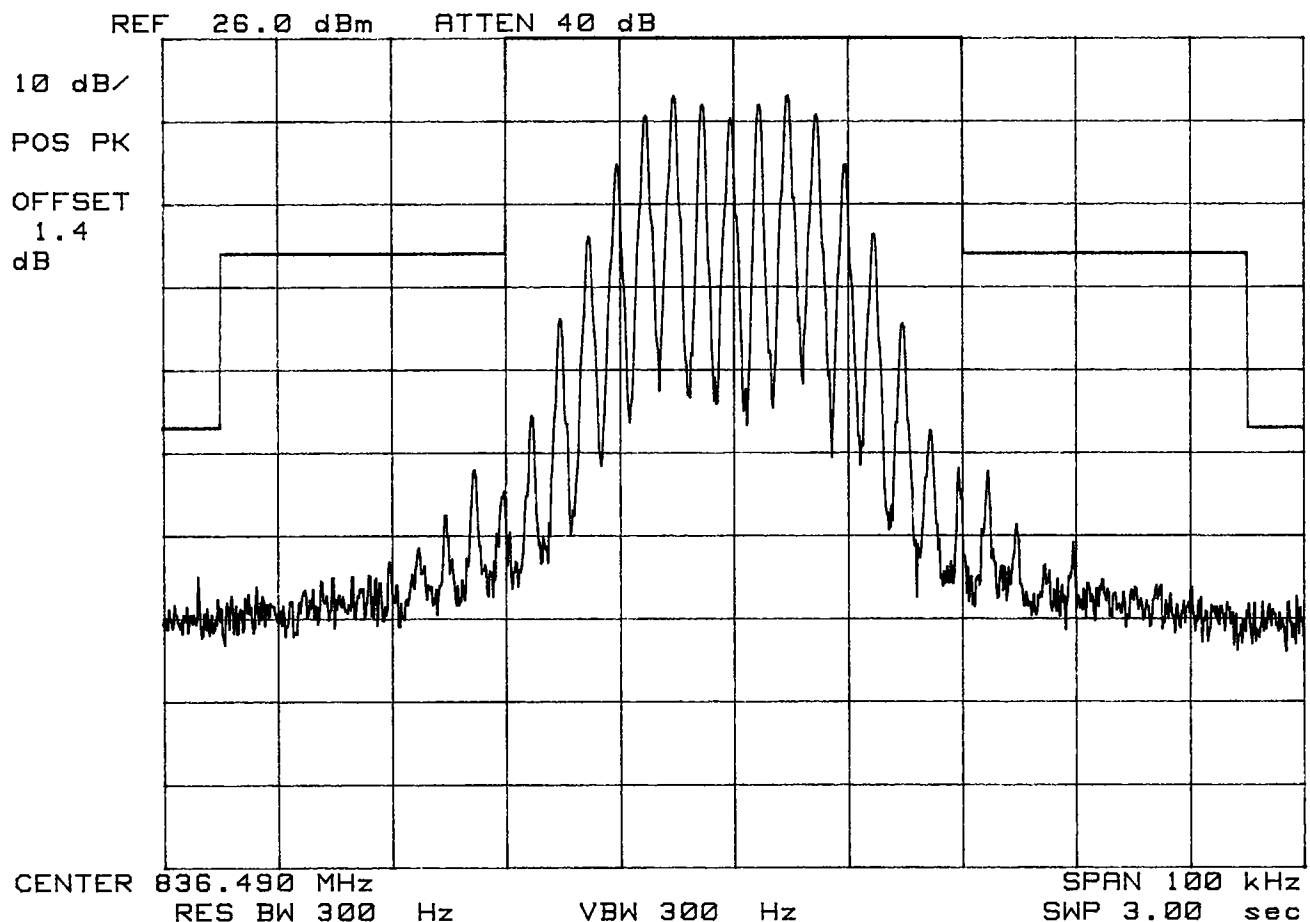
Dual Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHN255

SAMSUNG

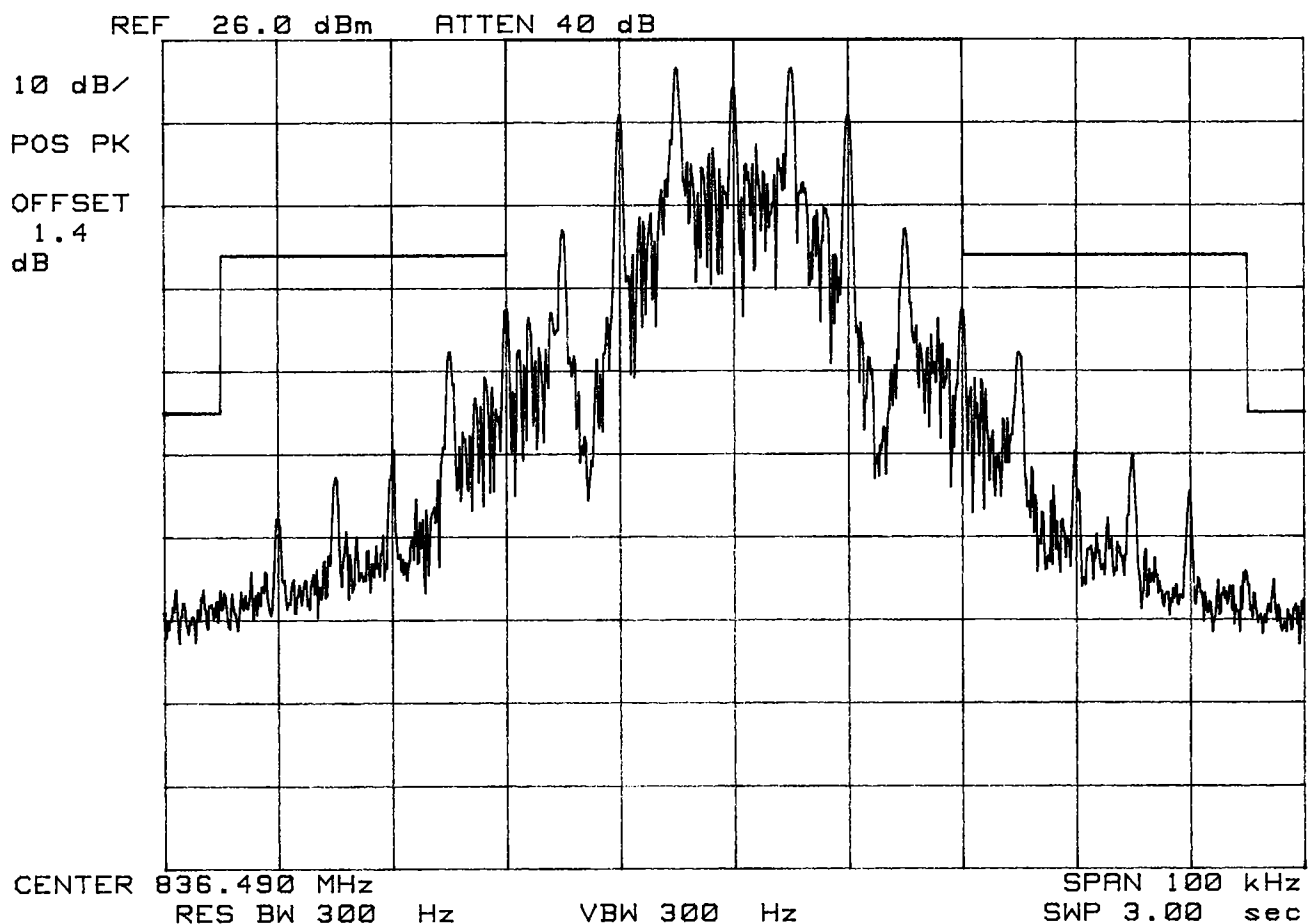
Dual Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Wide Band Data



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SAMSUNG

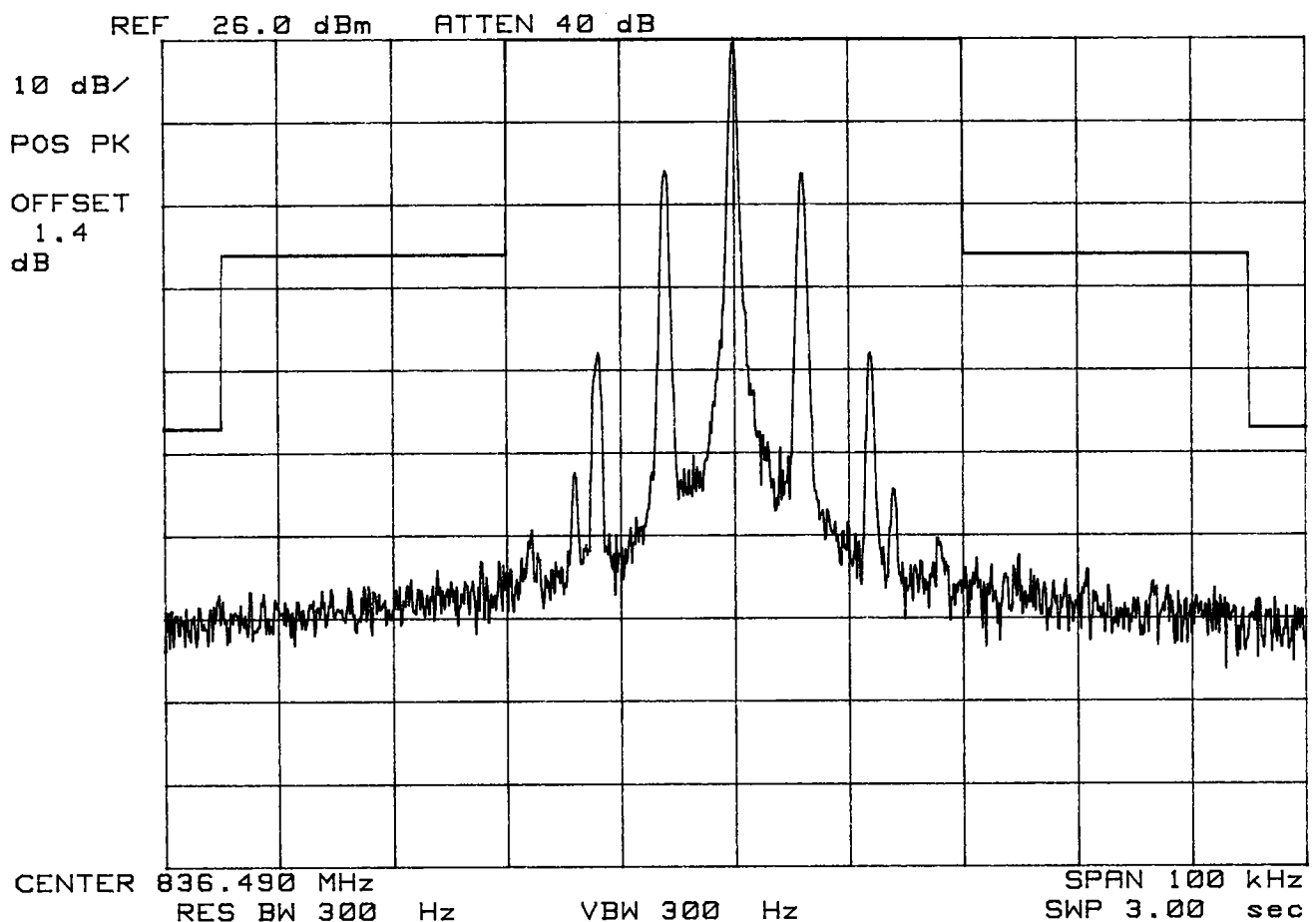
Dual Mode Phone

FM Channel 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHN255

SAMSUNG

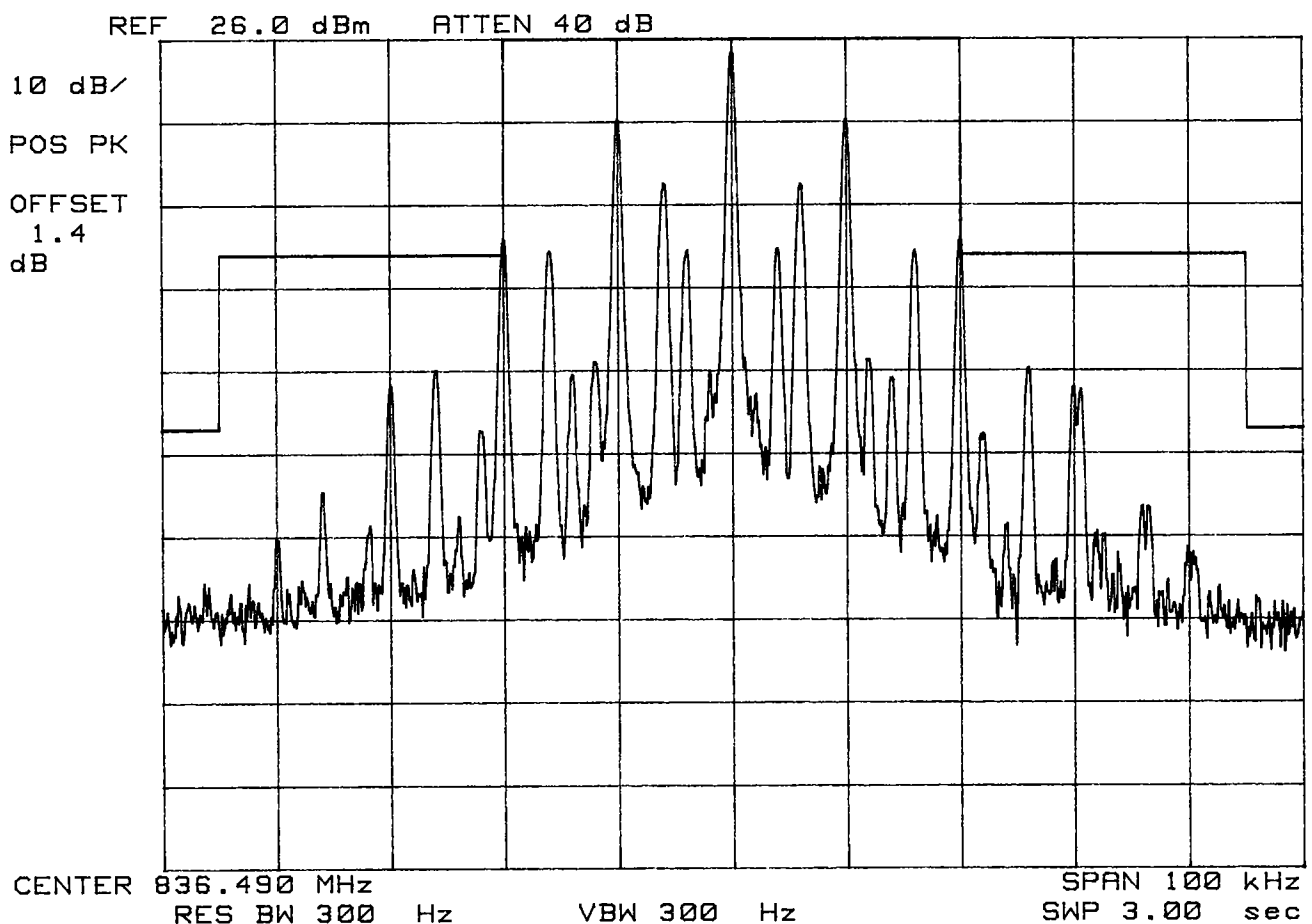
Dual Mode Phone

FM Channel 383

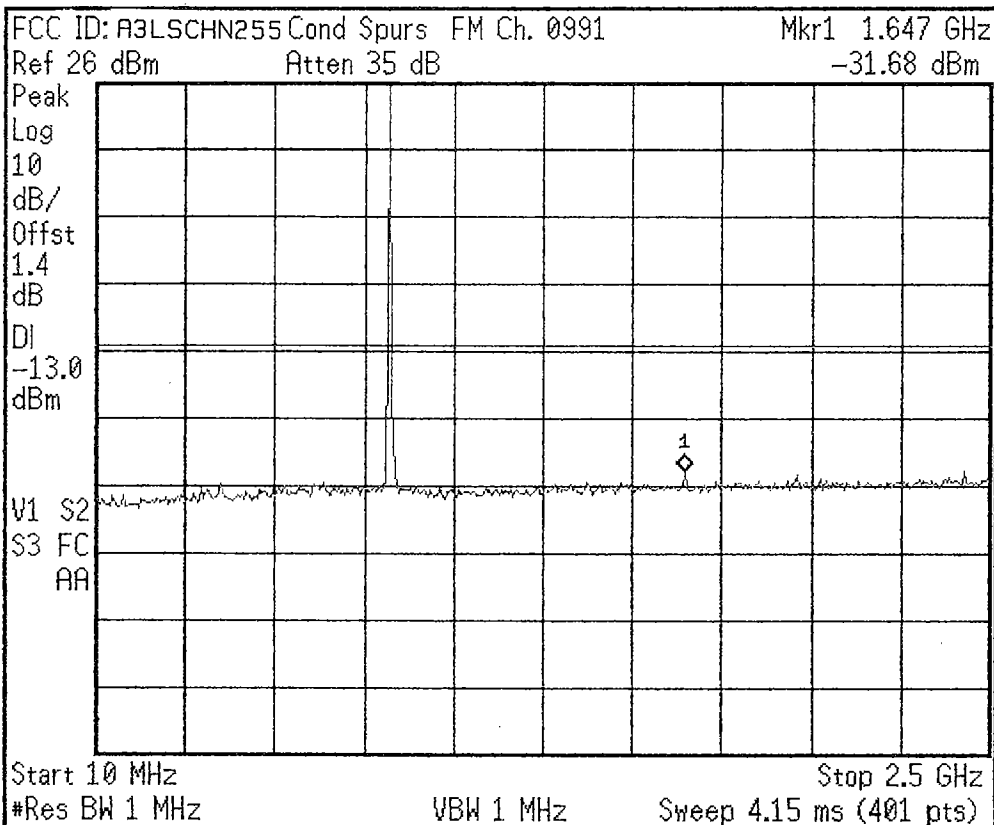
Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + ST



✱ Agilent



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

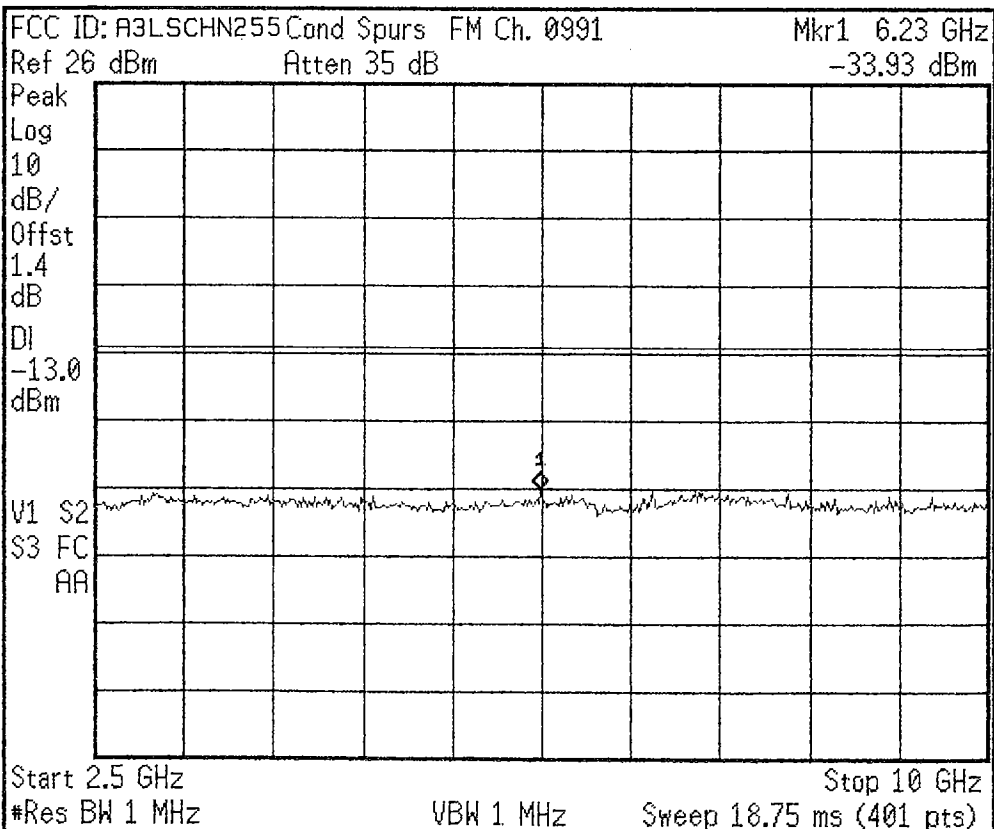
Signal Track

On Off

Scale Type

Log Lin

✱ Agilent



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

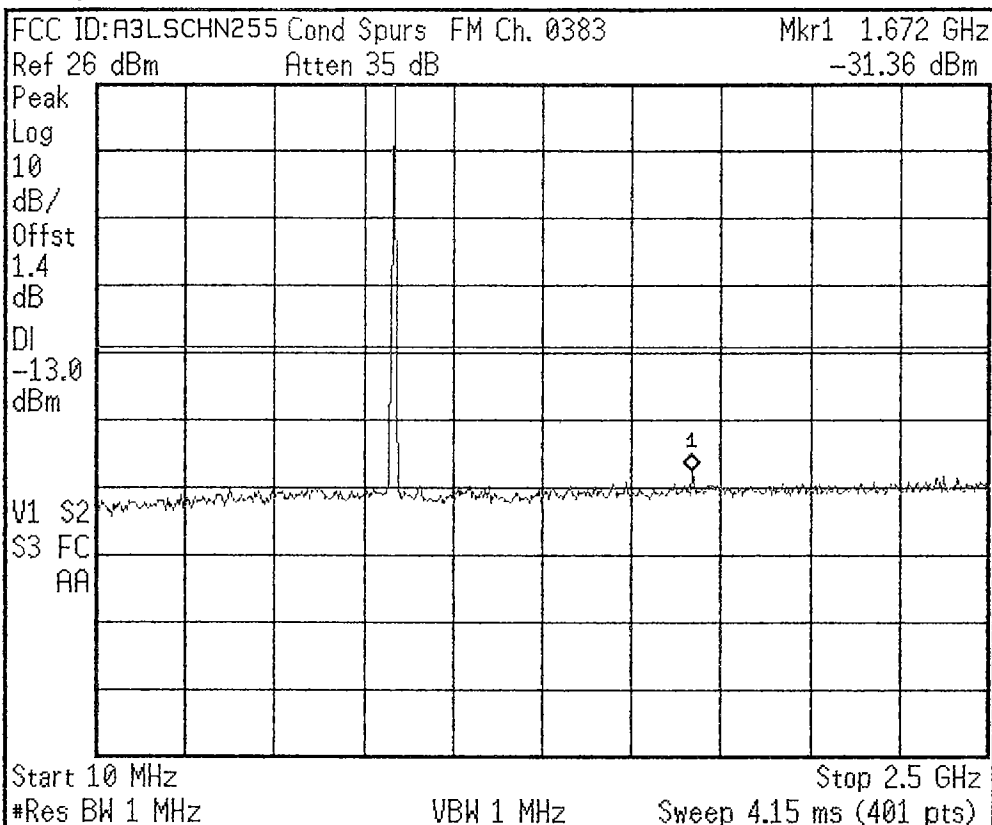
Signal Track

On Off

Scale Type

Log Lin

* Agilent



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

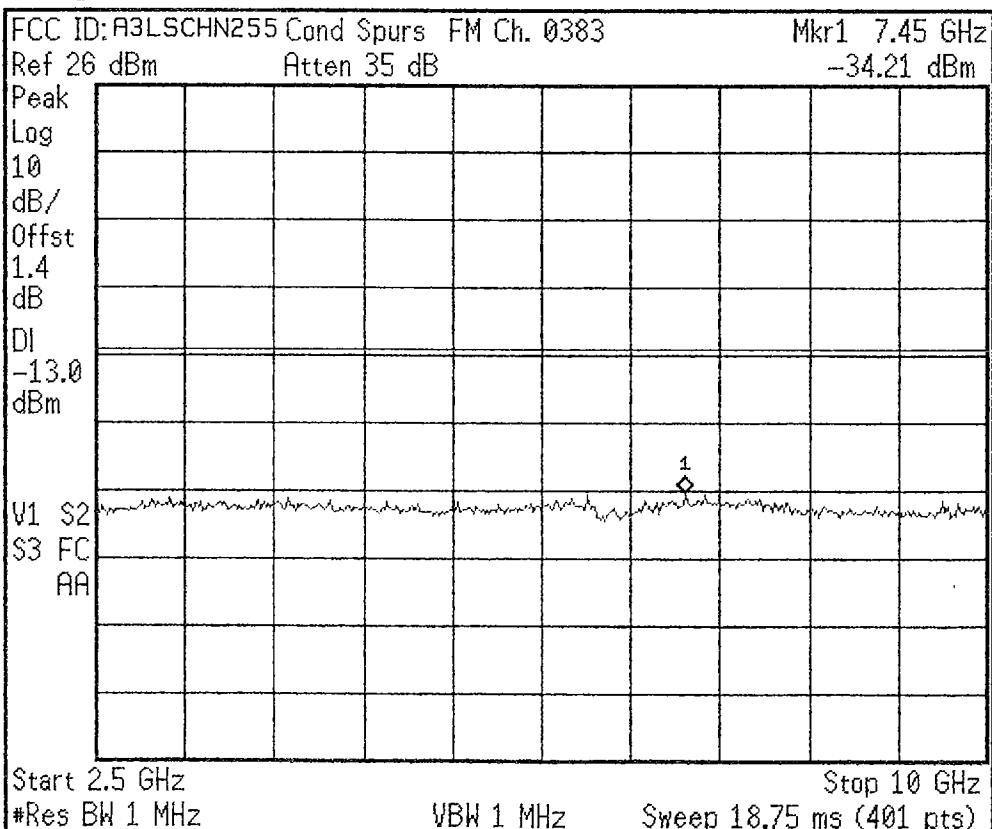
CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

* Agilent



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

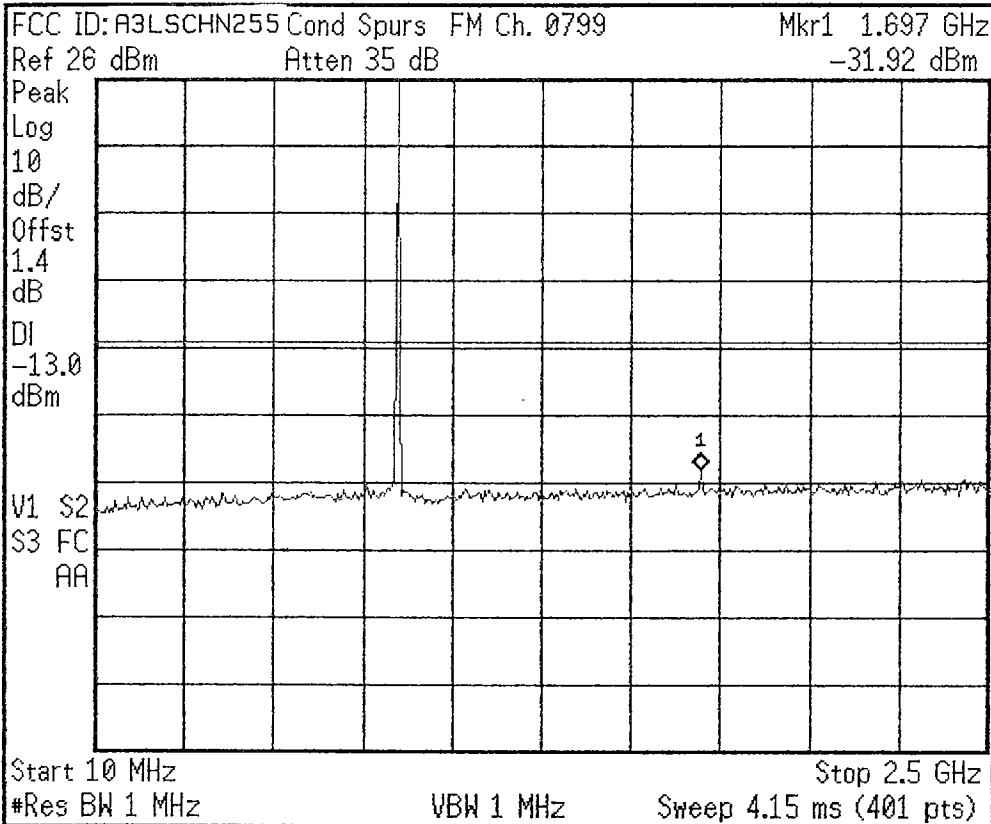
Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent

Agilent



Freq/Channel

Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

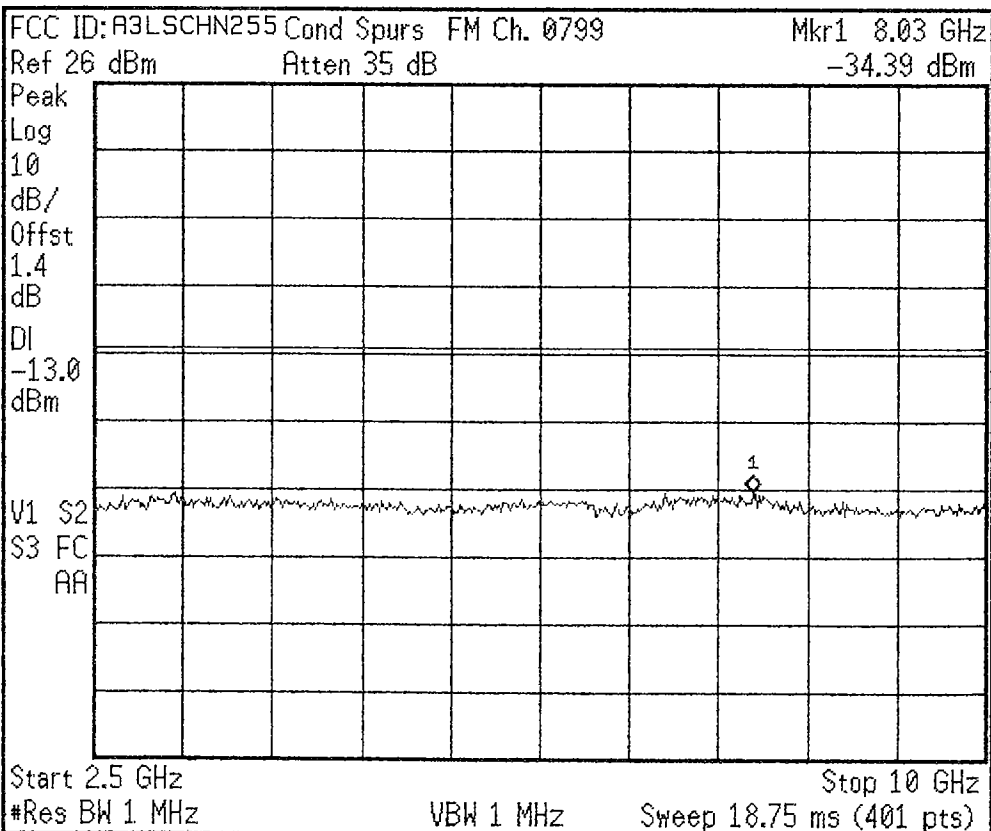
CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

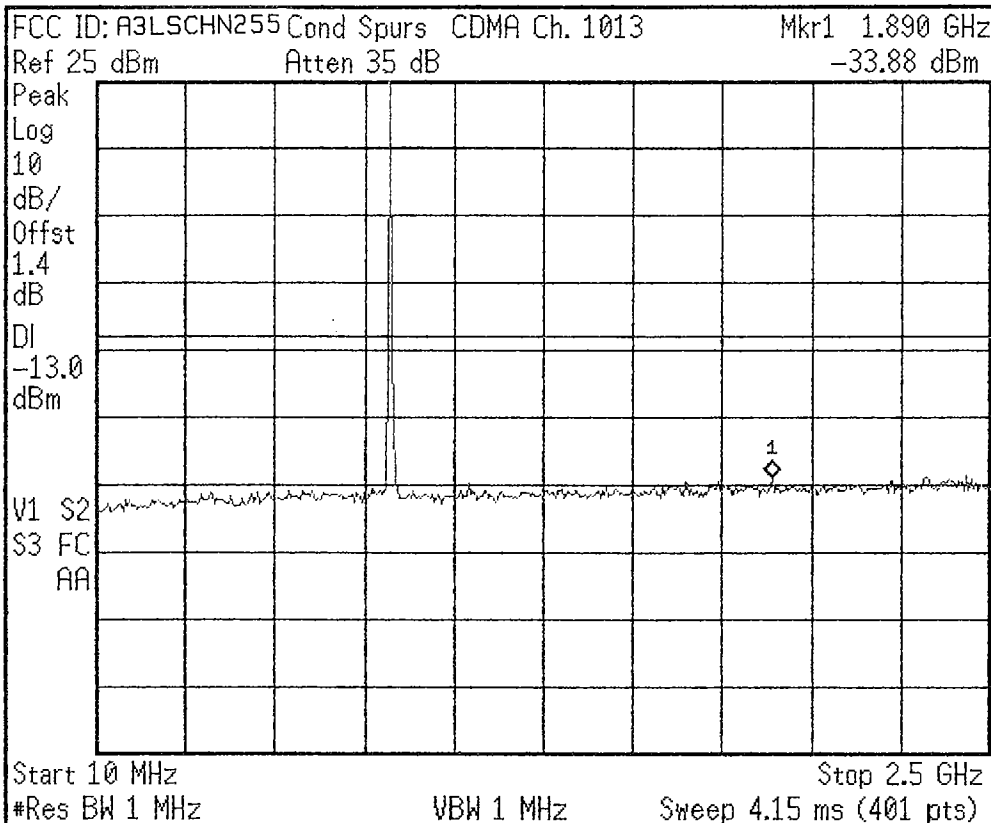
CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

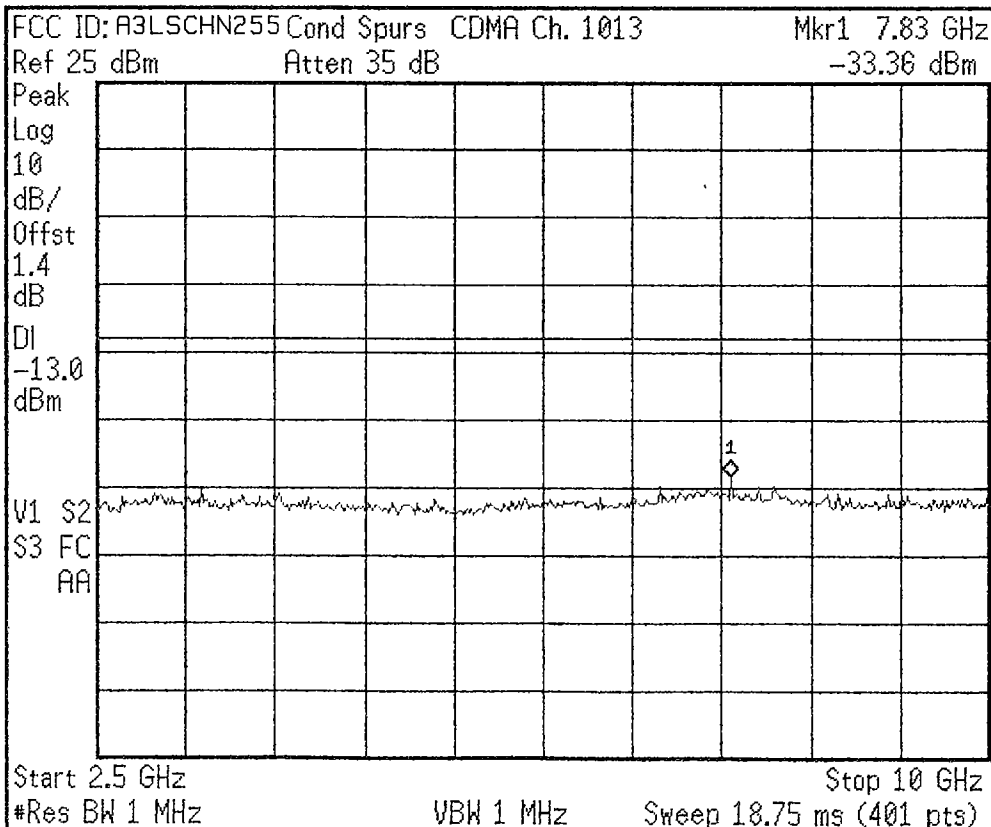
CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

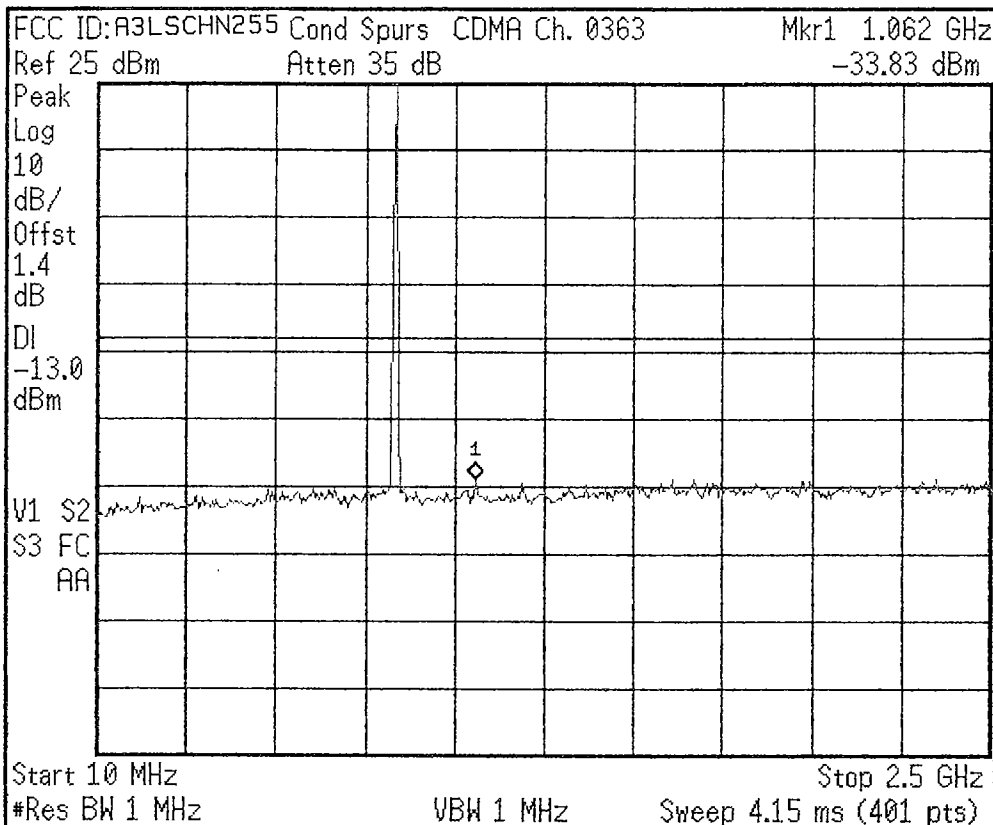
CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

* Agilent



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

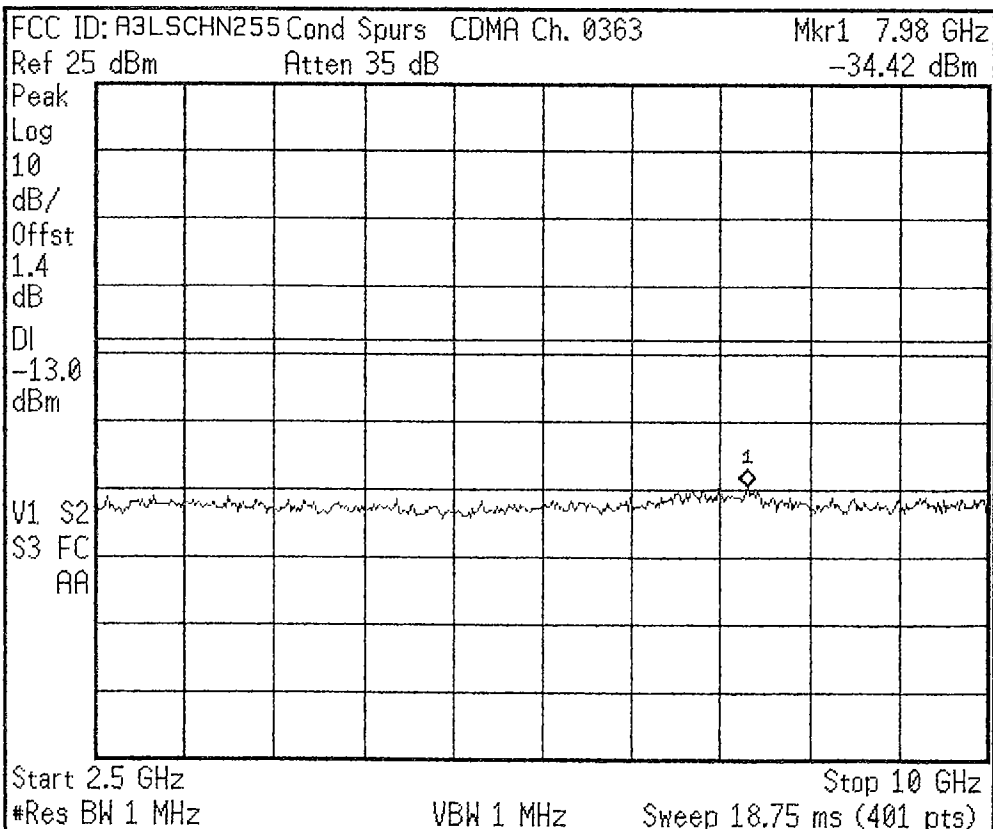
CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

* Agilent



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

Stop Freq
 10.0000000 GHz

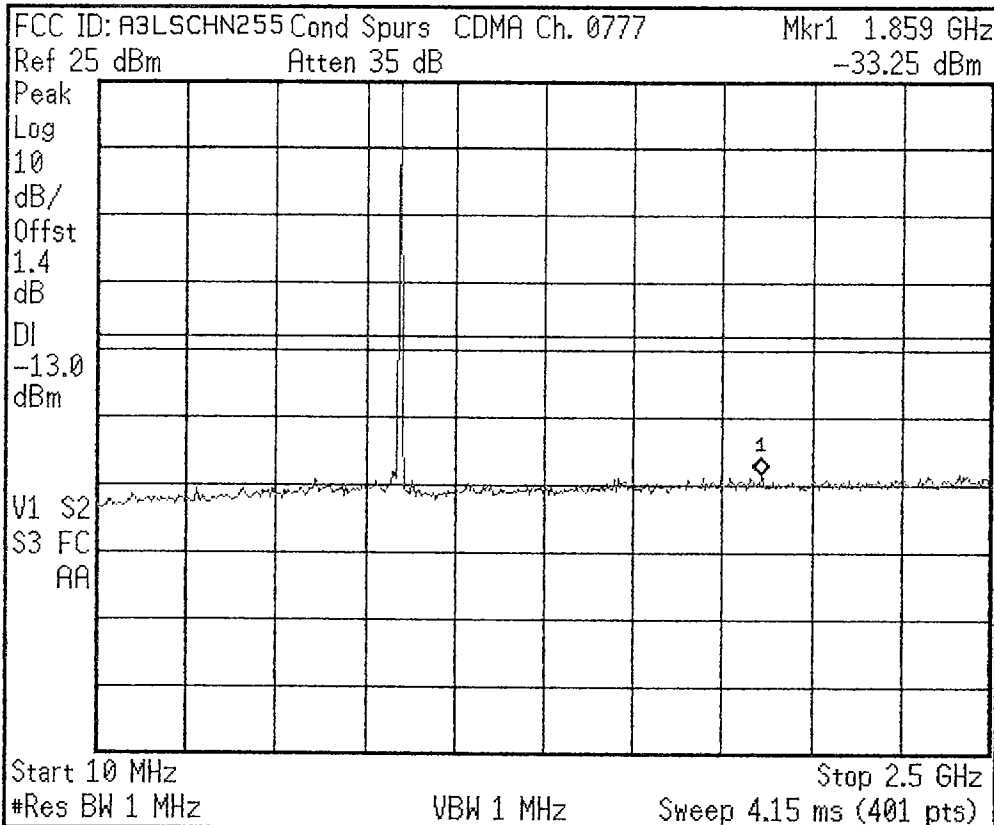
CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

Stop Freq
 2.50000000 GHz

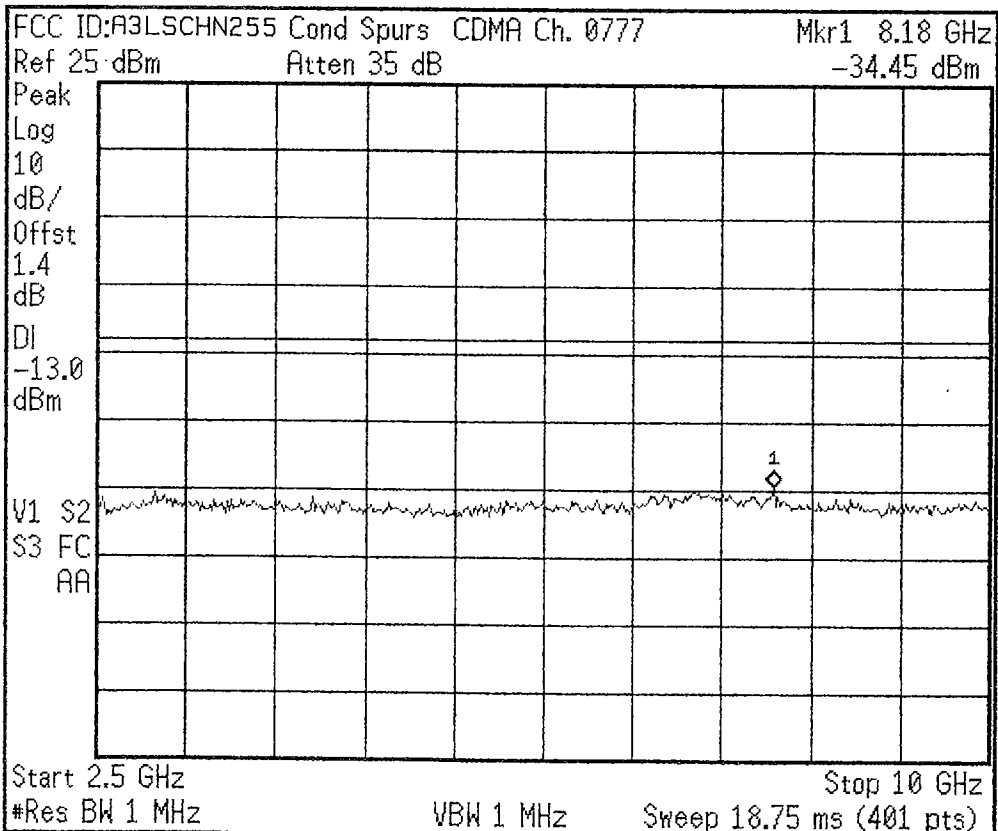
CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Scale Type
 Log Lin

Agilent



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

Scale Type
 Log Lin

✱ Agilent

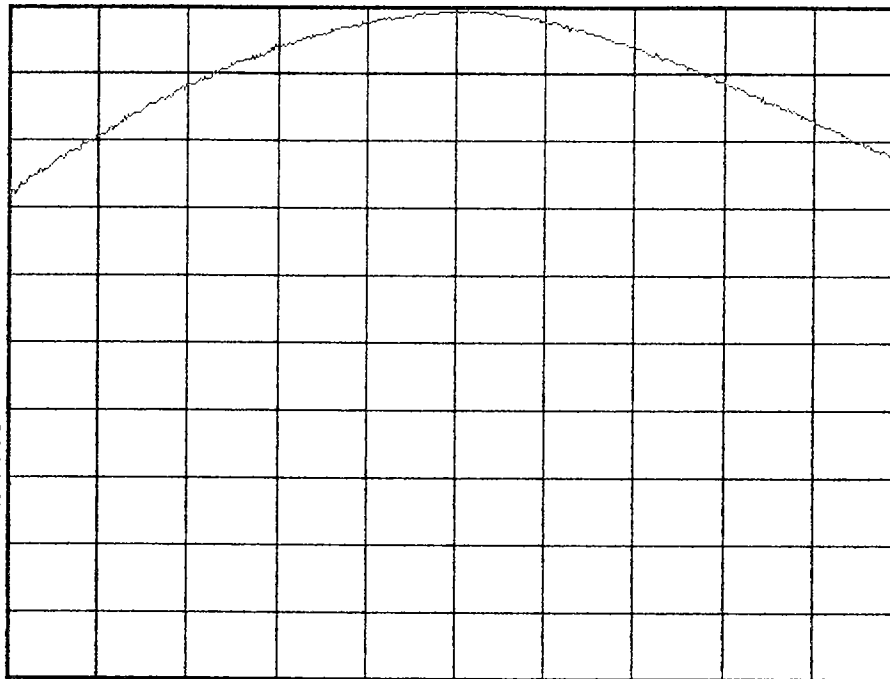
FCC ID: A3LSCHN255 POWER OUT CDMA Ch. 1013

Ref 25 dBm

Atten 35 dB

Samp
Log
10
dB/
Offst
1.4
dB

VAvg
100
V1 S2
S3 FC
AA



Center 824.7 MHz

*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz
Sweep 4 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

Scale Type
Log Lin

✱ Agilent

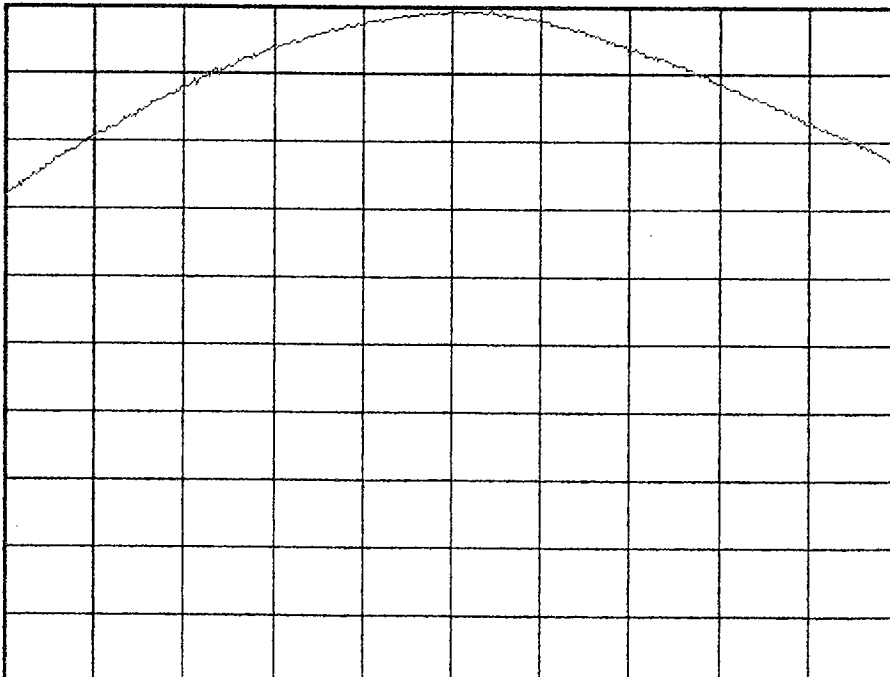
FCC ID: A3LSCHN255 POWER OUT CDMA Ch. 0777

Ref 25 dBm

Atten 35 dB

Samp
Log
10
dB/
Offst
1.4
dB

VAvg
100
V1 S2
S3 FC
AA



Center 848.3 MHz

*Res BW 3 MHz

VBW 3 MHz

Span 10 MHz
Sweep 4 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

Scale Type
Log Lin

Agilent

FCC ID: A3LSCHN255 POWER OUT CDMA Ch. 0363

Ref 25 dBm

Atten 35 dB

Samp

Log

10

dB/

Offst

1.4

dB

VAvg

100

V1 S2

S3 FC

AA

Center 835.9 MHz

#Res BW 3 MHz

VBW 3 MHz

Span 10 MHz
Sweep 4 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

Scale Type

Log

Lin

Agilent

Ch Freq 835.9 MHz

Trig Free

Channel Power

FCC ID: A3LSCHN255 POWER OUT CDMA Ch. 0363

Ref 25 dBm

Atten 35 dB

#Avg

Log

10

dB/

Offst

1.4

dB

Center 835.9 MHz

Res BW 30 kHz

VBW 300 kHz

Span 3 MHz
Sweep 8 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

Scale Type

Log

Lin

Channel Power

25.00 dBm /2.0000 MHz

Power Spectral Density

-38.02 dBm/Hz

Agilent

FCC ID: A3LSCHN255 BAND EDGE CDMA Ch. 1013

Ref 25 dBm

Atten 35 dB

Samp

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

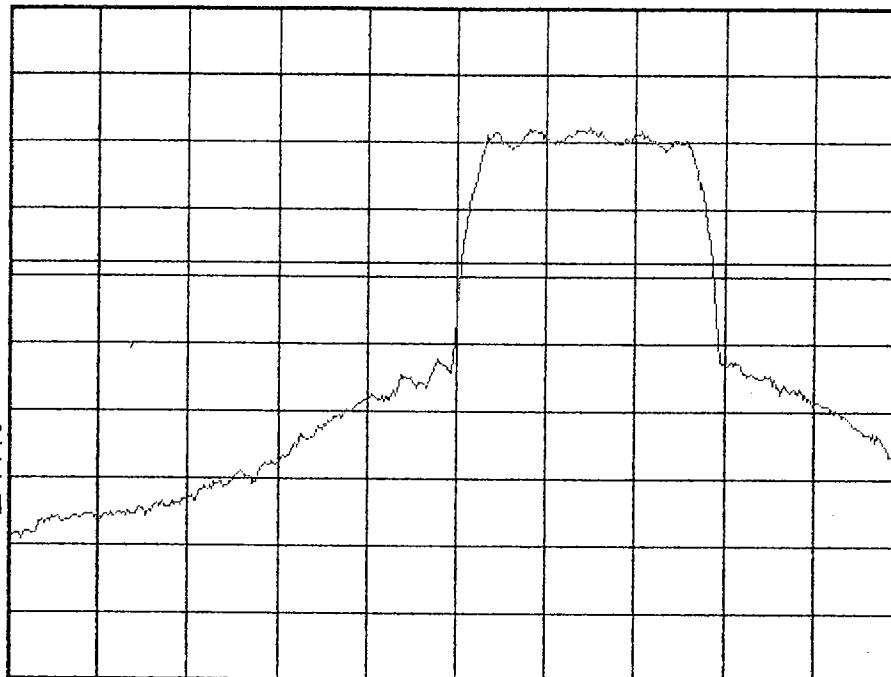
VAvg

100

V1 S2

S3 FC

AA



Center 824 MHz

#Res BW 30 kHz

VBW 30 kHz

Span 5 MHz

Sweep 11.32 ms (401 pts)

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

Scale Type

Log

Lin

Agilent

FCC ID: A3LSCHN255 BAND EDGE CDMA Ch. 0777

Ref 25 dBm

Atten 35 dB

Samp

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

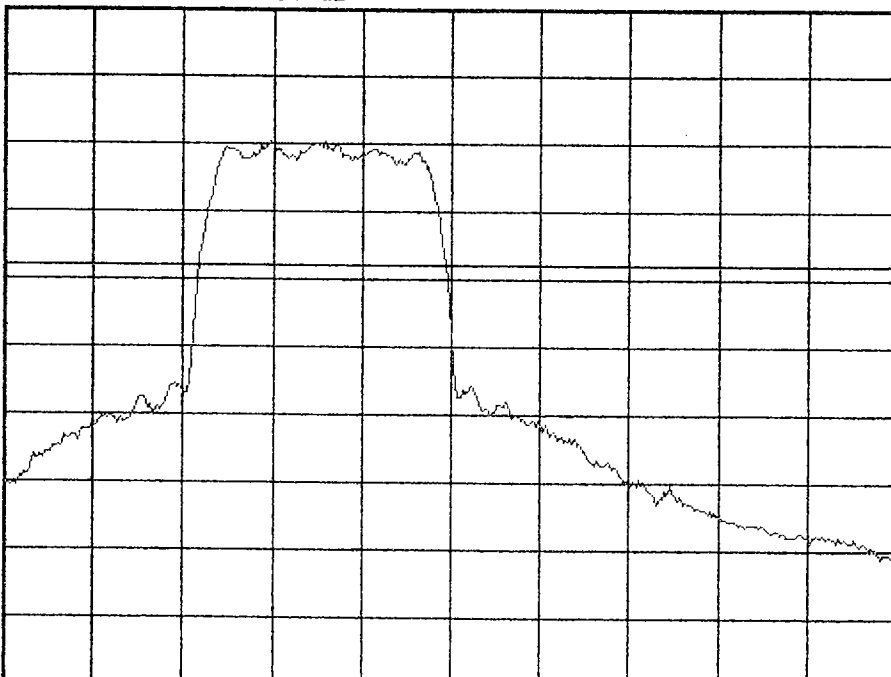
VAvg

100

V1 S2

S3 FC

AA



Center 849 MHz

#Res BW 30 kHz

VBW 30 kHz

Span 5 MHz

Sweep 11.32 ms (401 pts)

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

Scale Type

Log

Lin

~~HP~~ FCC ID: A3LSCHN255 FM

MKR 886.69 MHz

REF -60.0 dBm ATTEN 10 dB PG 25.0 dB

-95.58 dBm

PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-80.0
dBm

VA SB
SC FC
CORR

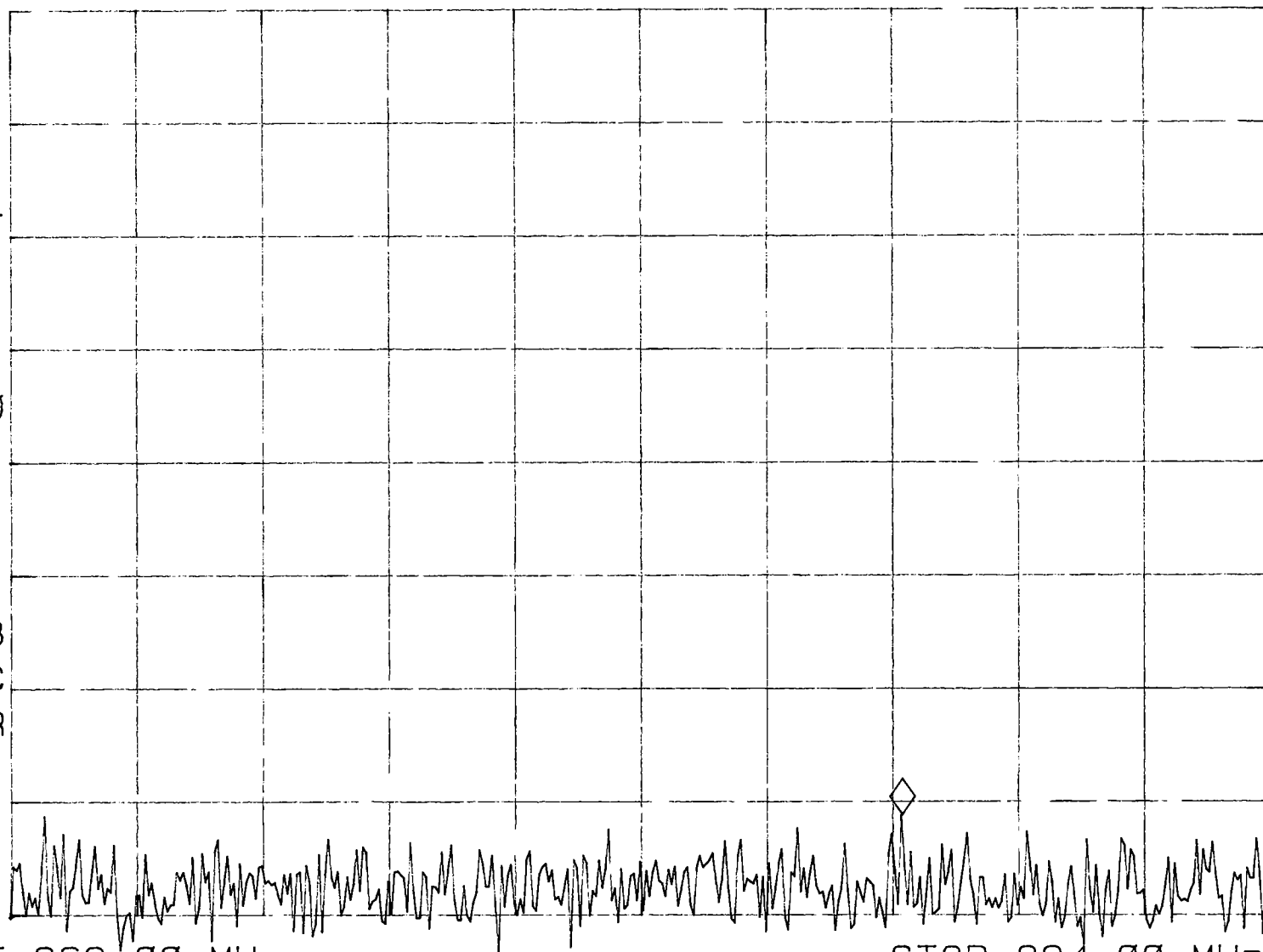
START 869.00 MHz

#RES BW 100 kHz

#VBW 300 kHz

STOP 894.00 MHz

SWP 20 msec



FCC ID: A3LSCHN255 CDMA

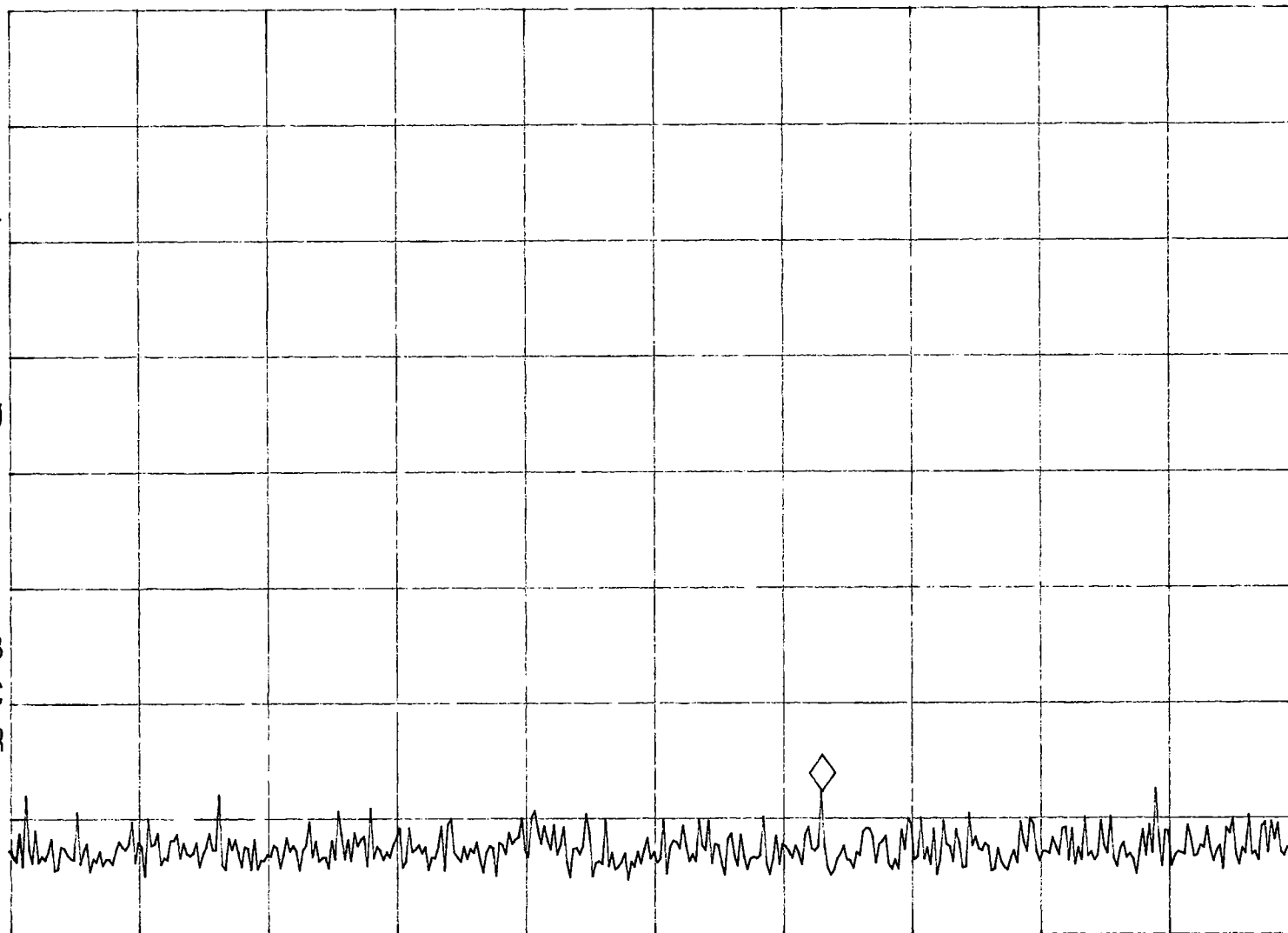
MKR 884.75 MHz

REF -60.0 dBm ATTEN 10 dB PG 25.0 dB

-93.83 dBm

PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-80.0
dBm

VA SB
SC FC
CORR



START 869.00 MHz

STOP 894.00 MHz

#RES BW 100 kHz

#VBW 300 kHz

SWP 20 msec

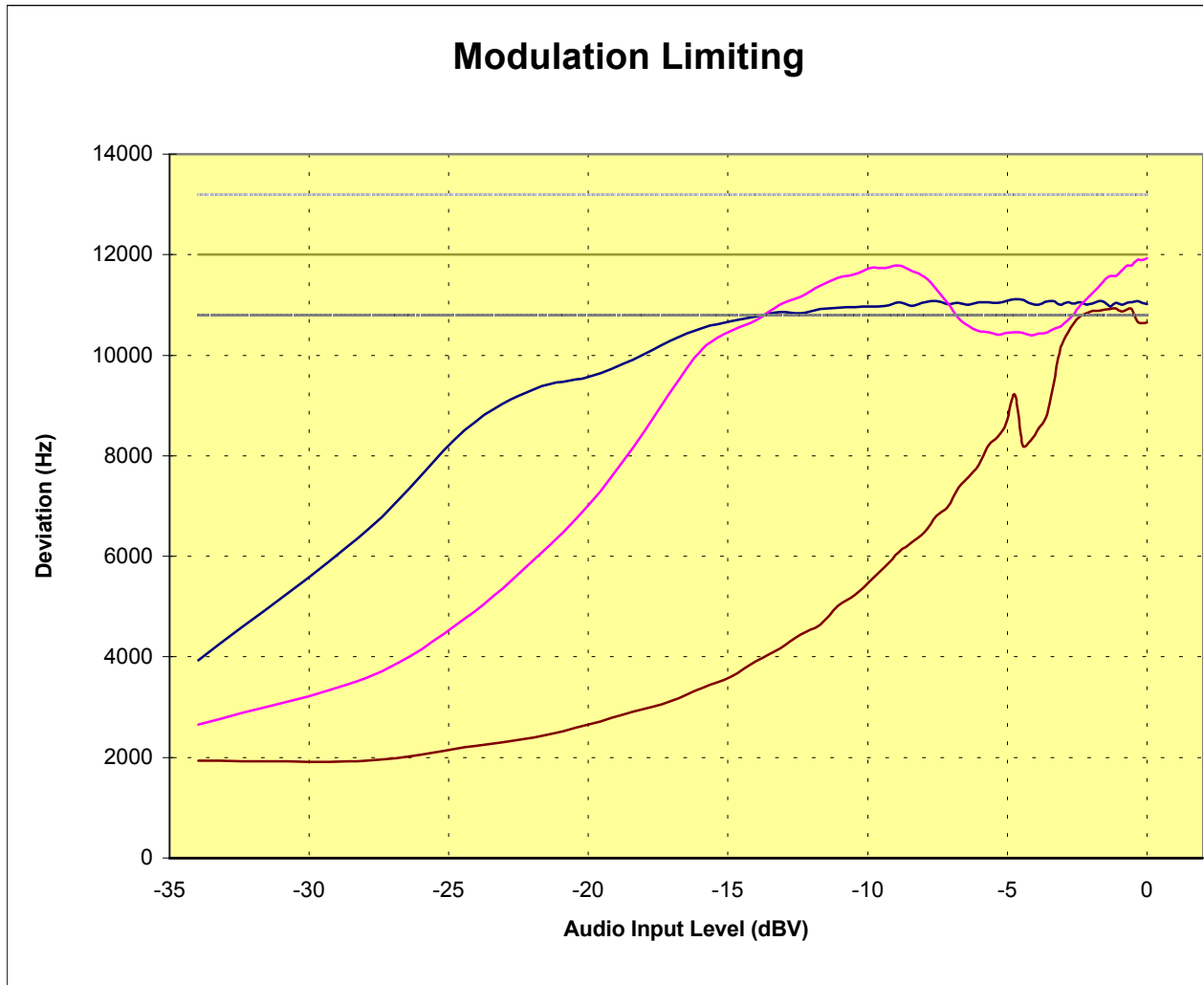
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No. 22.220401145.A31
Test Date: 04.04.2002

EUT: SAMSUNG Dual-Mode Cellular Phone (AMPS/CDMA)
Model: SCH-N255
FCC ID: A3LSCHN255

REFERENCE: 1 kHz = 0 dB



SAMSUNG Dual-Mode Cellular Phone (AMPS/CDMA)
FCC ID: A3LSCHN255

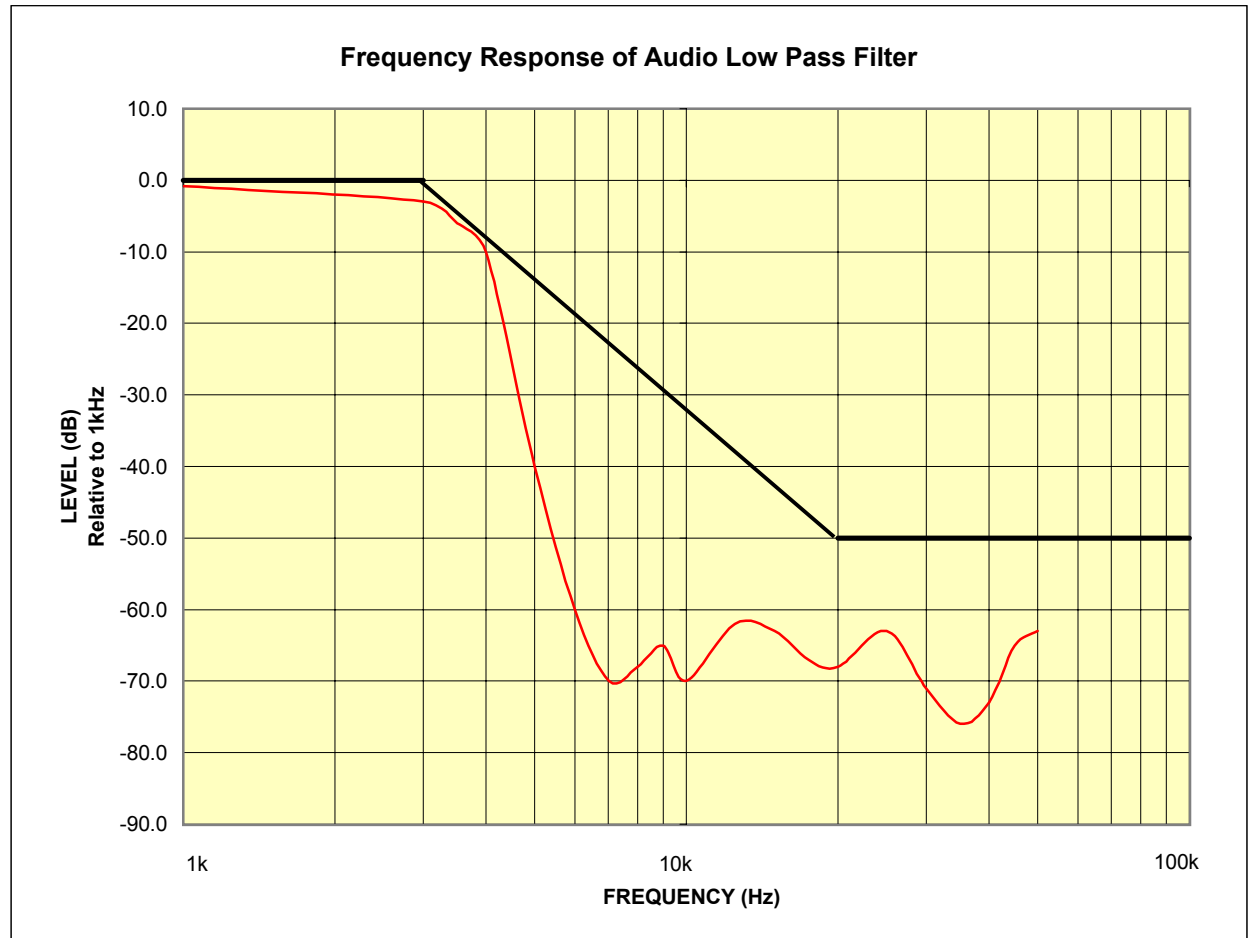
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No. 22.220401145.A3L
Test Date: 04.04.2002

EUT: SAMSUNG Dual-Mode Cellular Phone (AMPS/CDMA)
Model: SCH-N255
FCC ID: A3LSCHN255

REFERENCE: 1 kHz = 0 dB



SAMSUNG Dual-Mode Cellular Phone (AMPS/CDMA)
FCC ID: A3LSCHN255

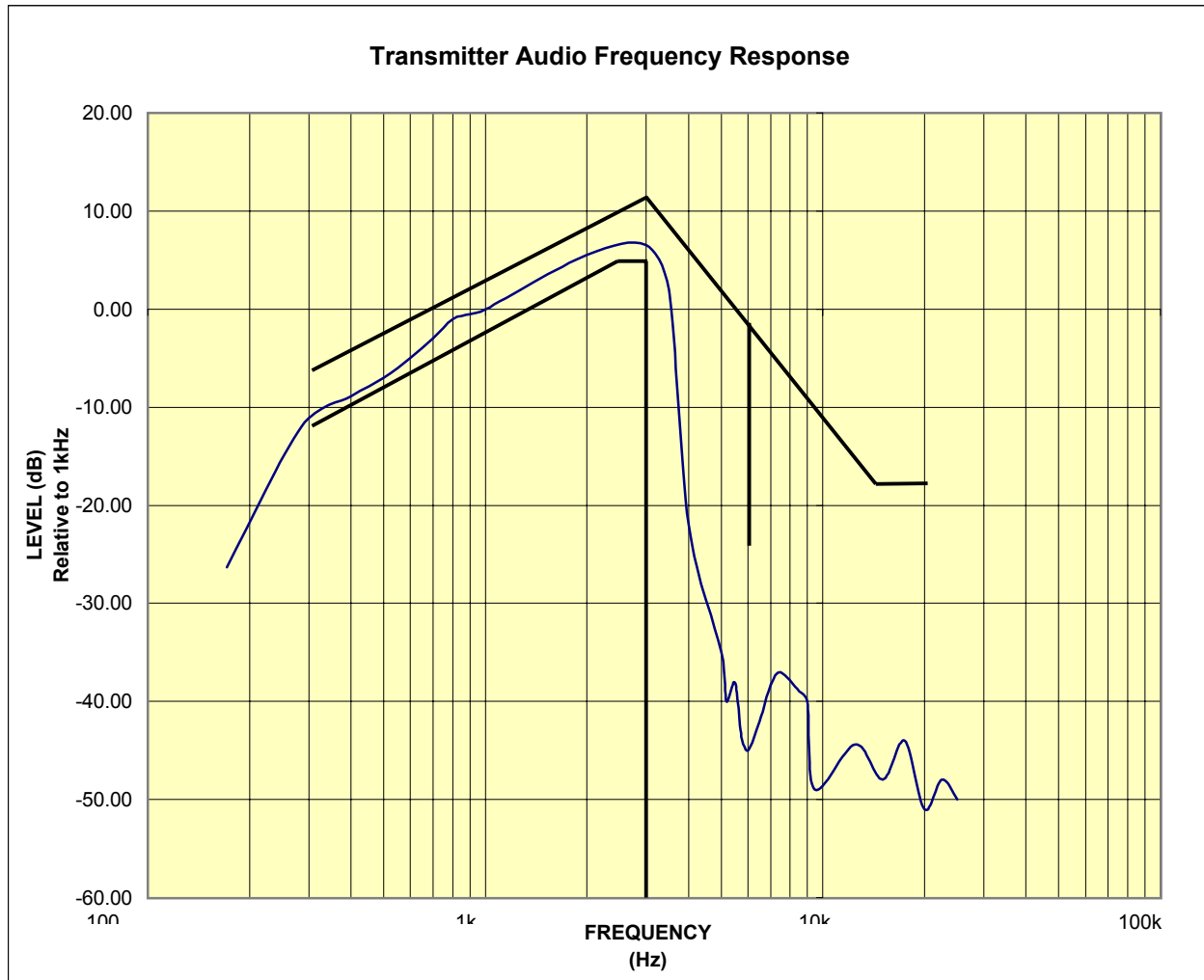
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No. 22.220401145.A31
Test Date: 04.04.2002

EUT: SAMSUNG Dual-Mode Cellular Phone (AMPS/CDMA)
Model: SCH-N255
FCC ID: A3LSCHN255

REFERENCE: 1 kHz = 0 dB



SAMSUNG Dual-Mode Cellular Phone (AMPS/CDMA)
FCC ID: A3LSCHN255