

ATTACHMENT D – TEST PLOTS

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHI355

SAMSUNG

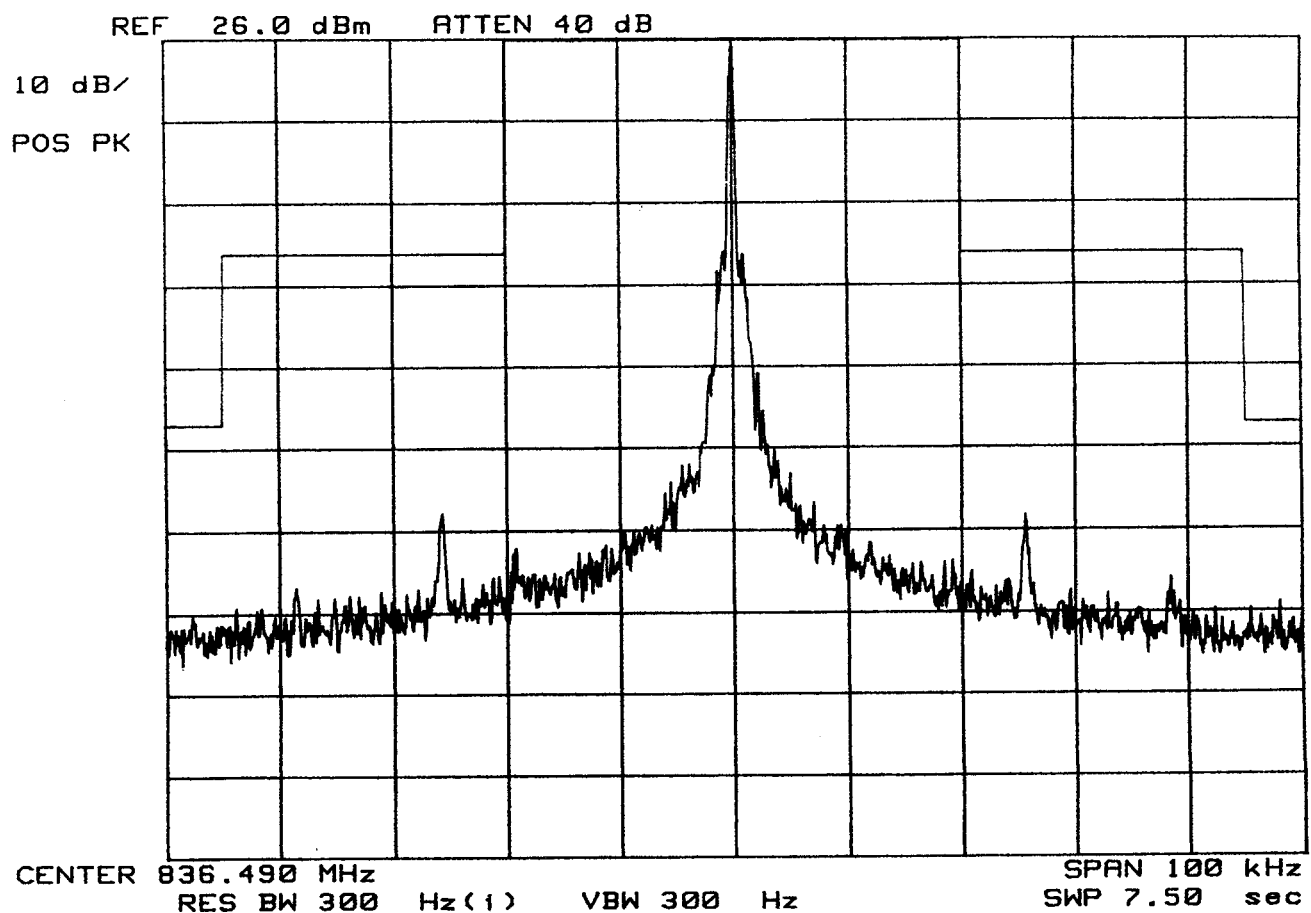
DUAL-MODE Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHI355

SAMSUNG

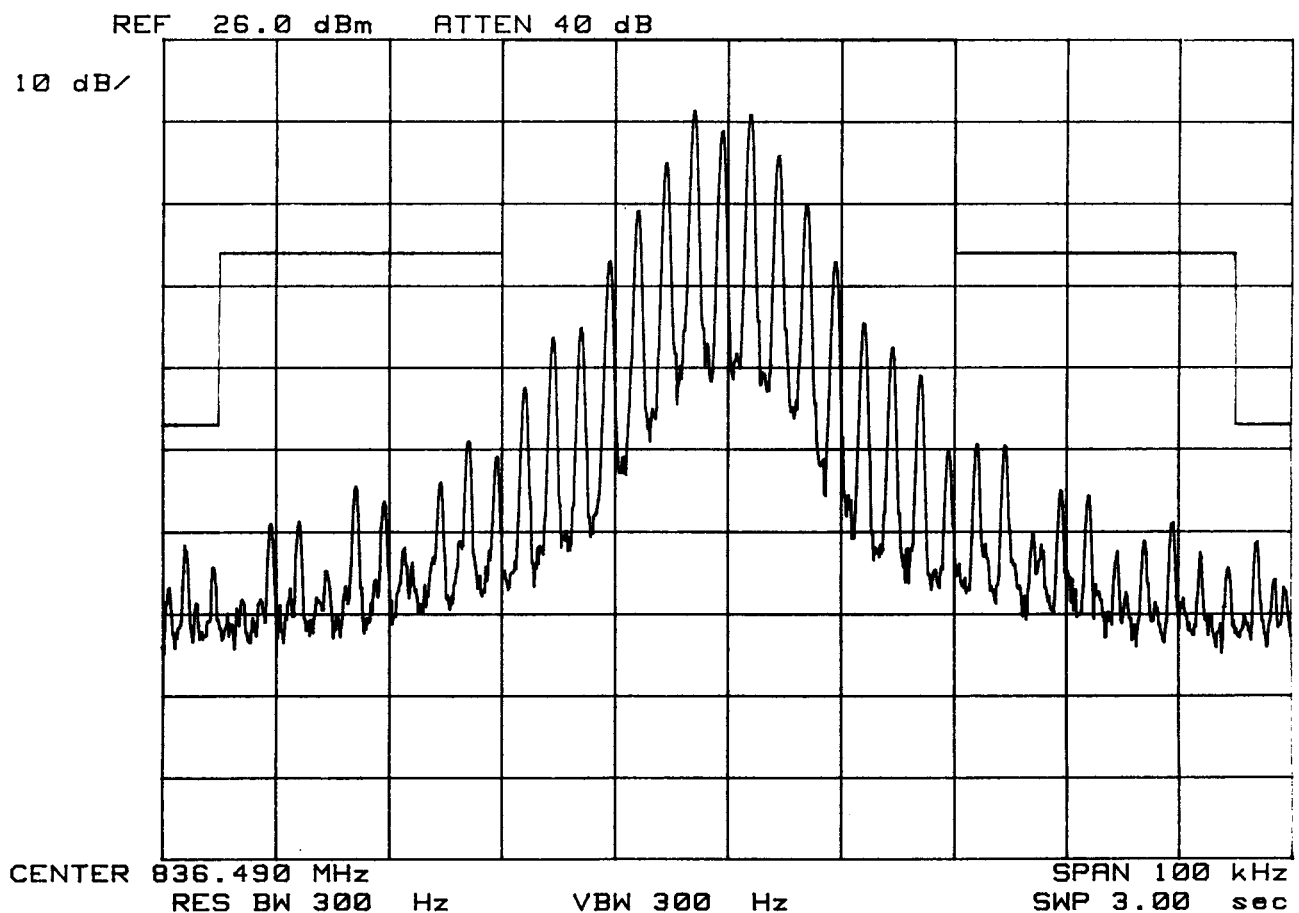
DUAL-MODE Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHI355

SAMSUNG

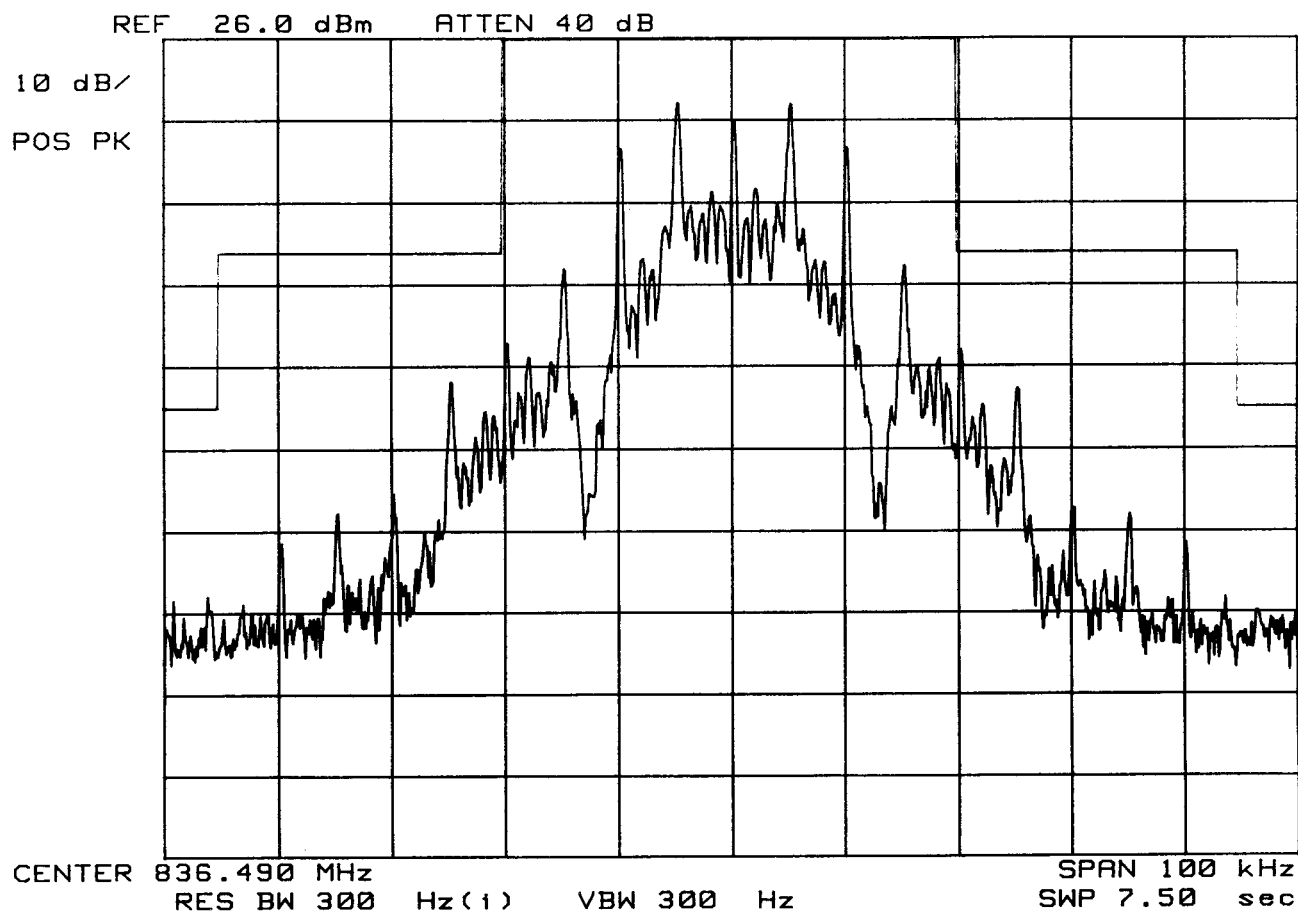
DUAL-MODE Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Wide Band Data



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHI355

SAMSUNG

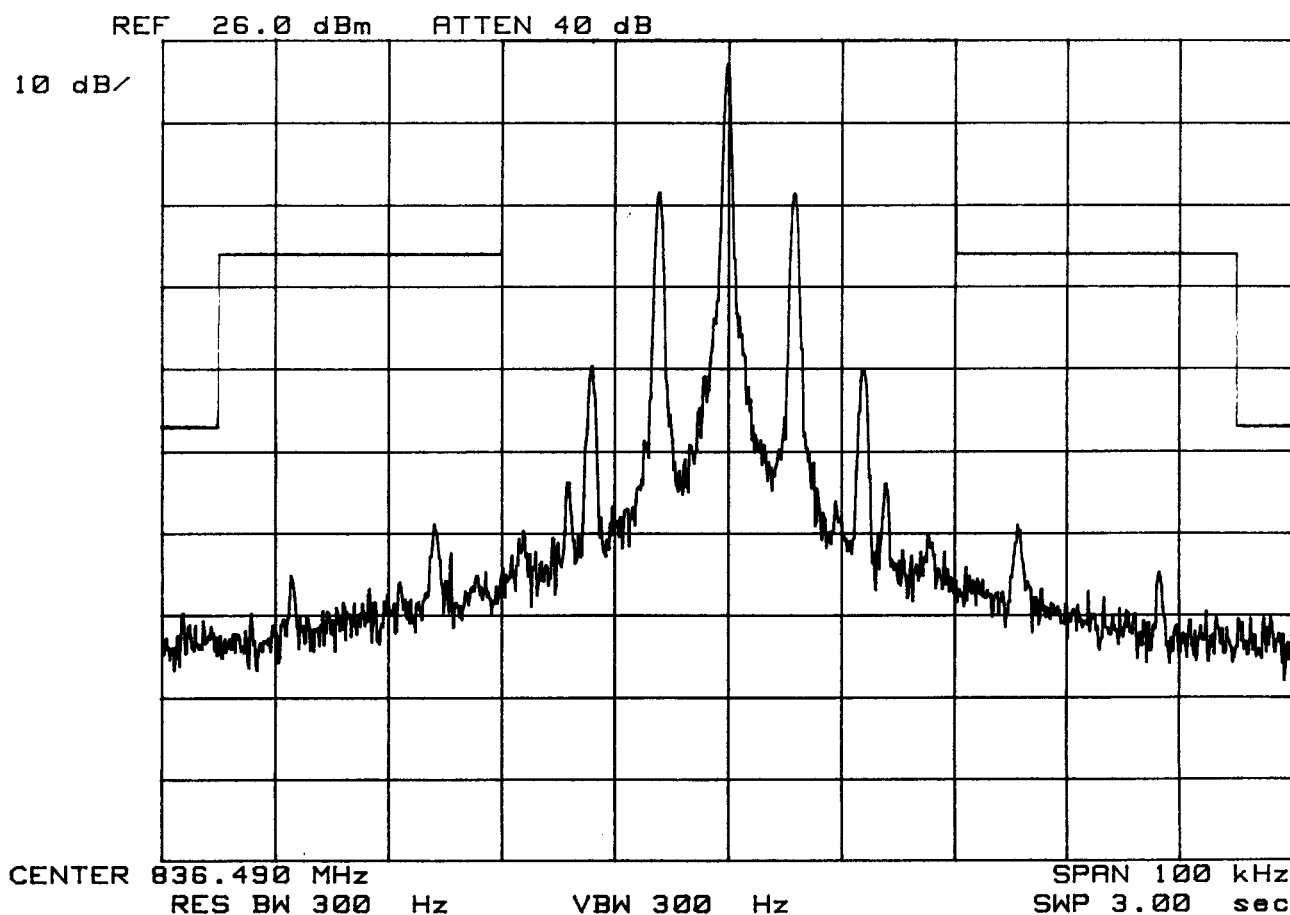
DUAL-MODE Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHI355

SAMSUNG

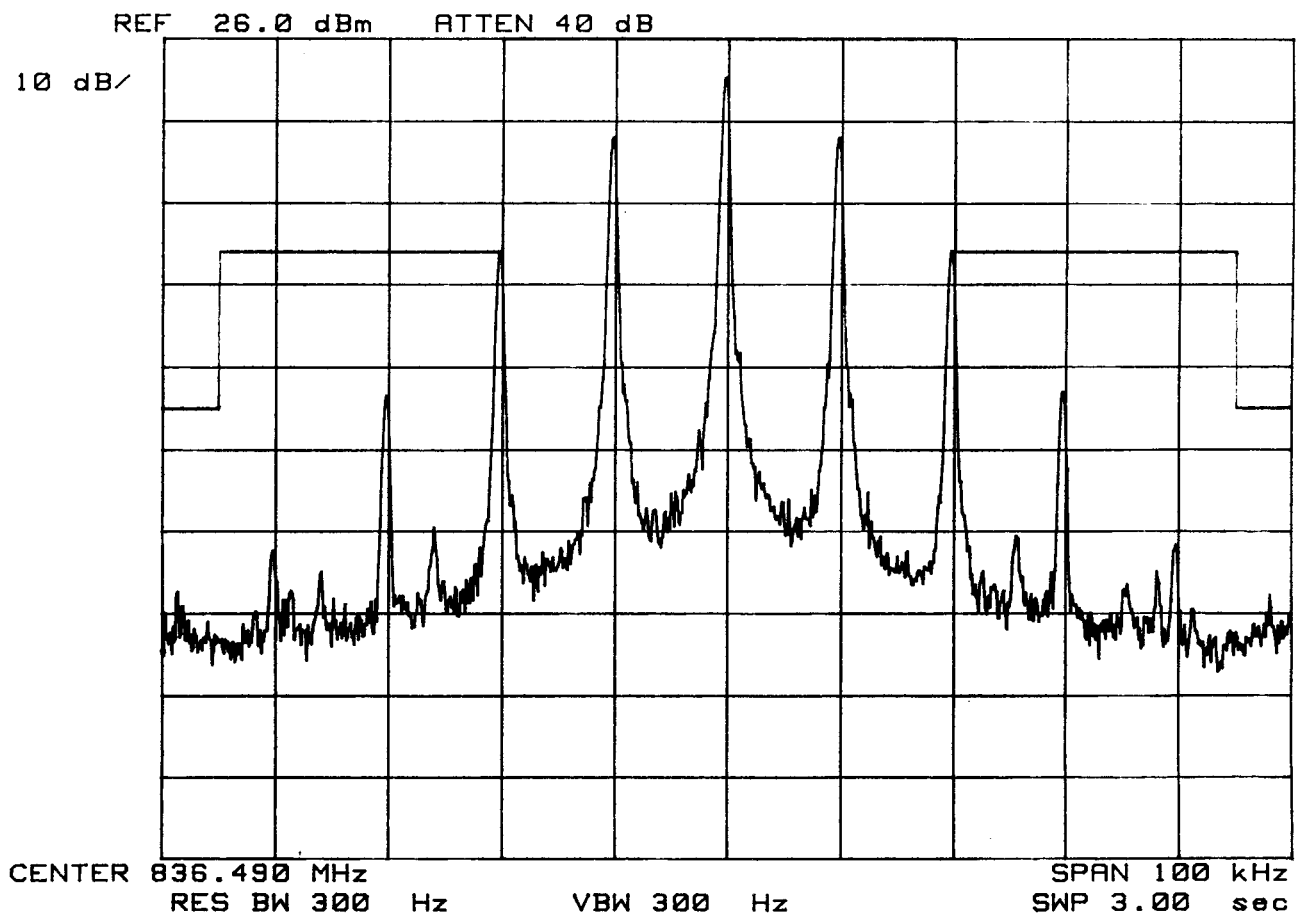
DUAL-MODE Phone

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHI355

SAMSUNG

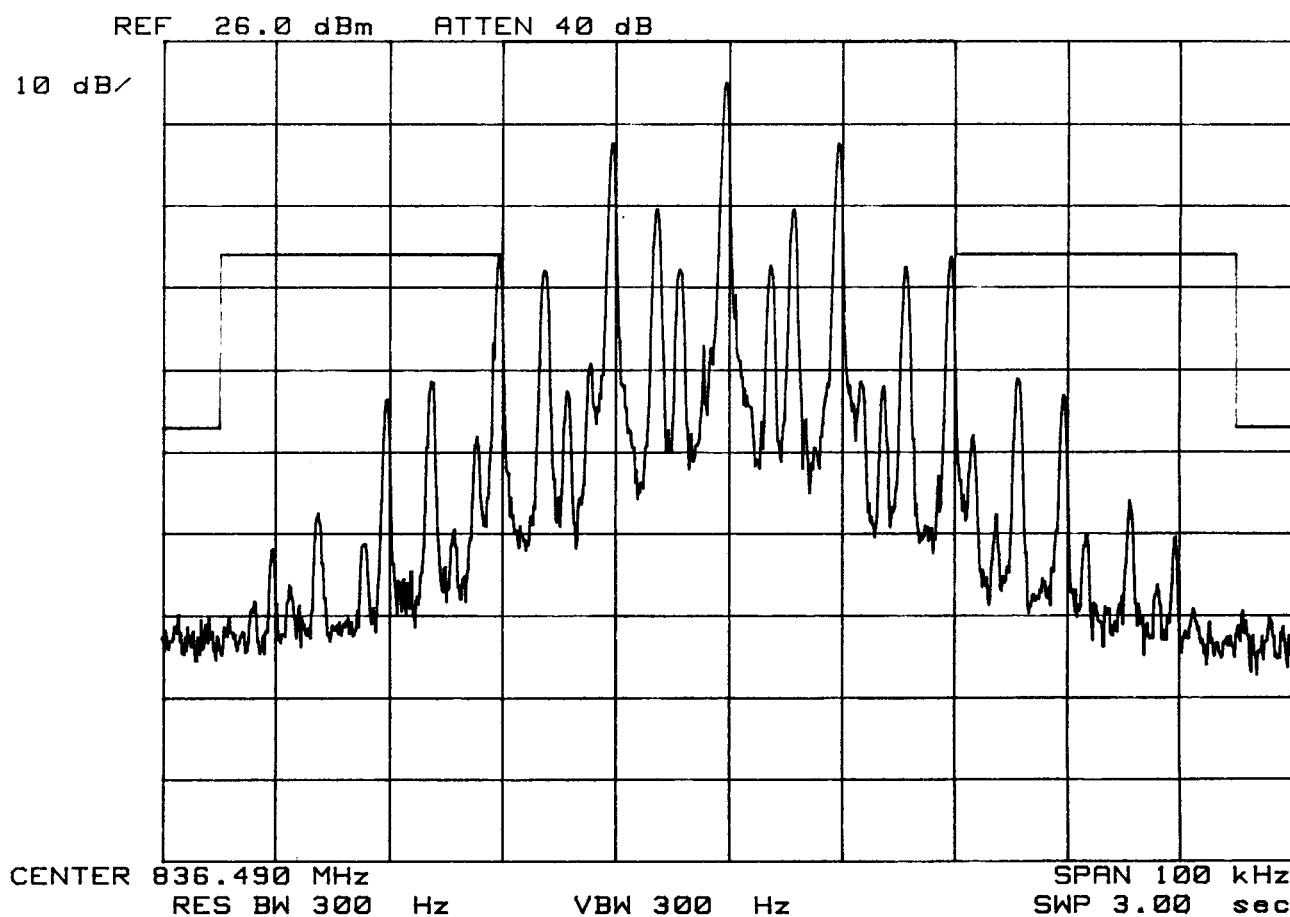
DUAL-MODE Phone

FM Channel 0383

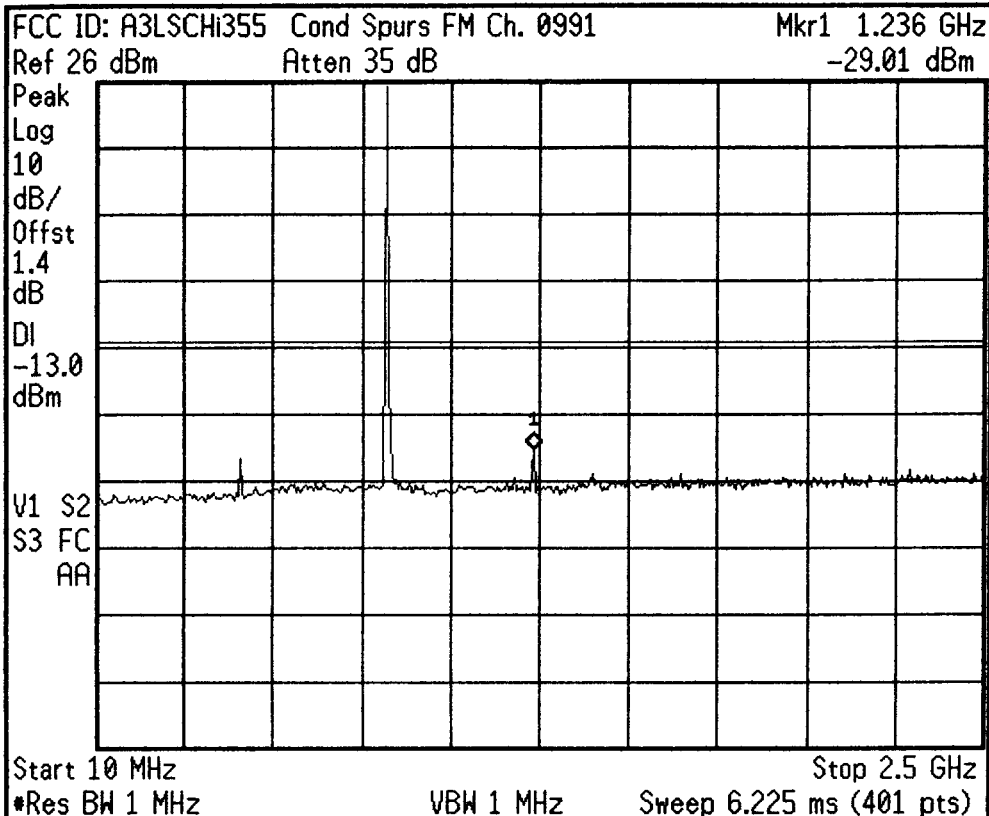
Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + ST



* Agilent 12:05:54 May 1, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

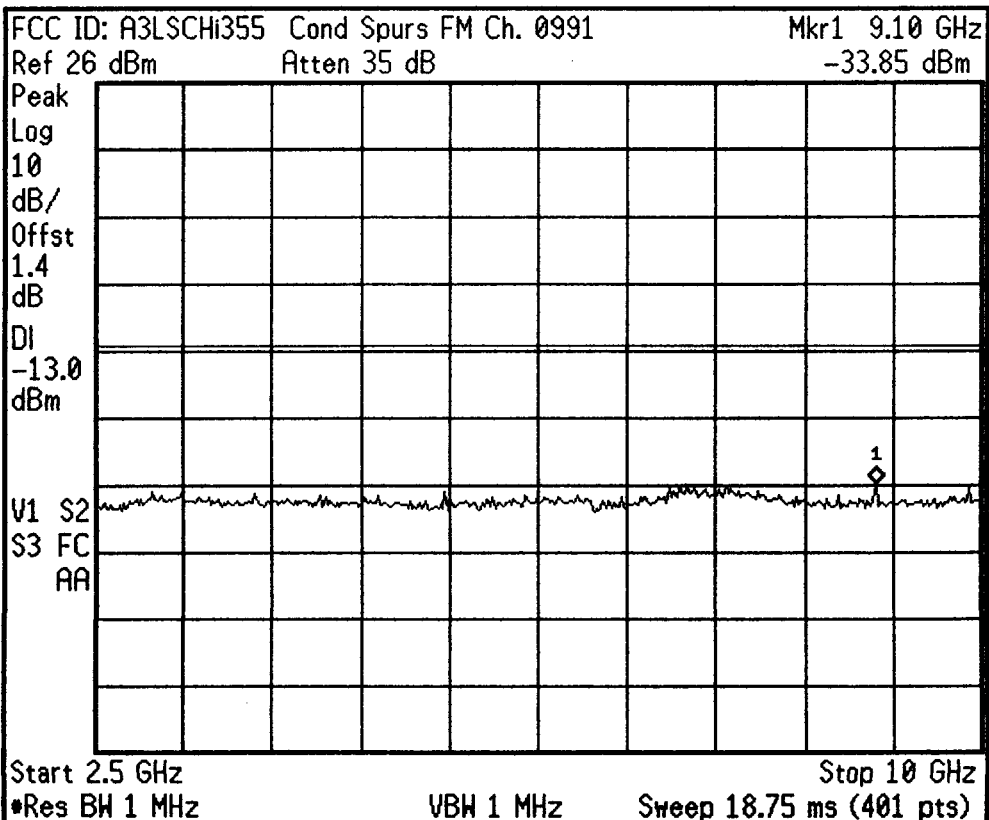
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:06:40 May 1, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

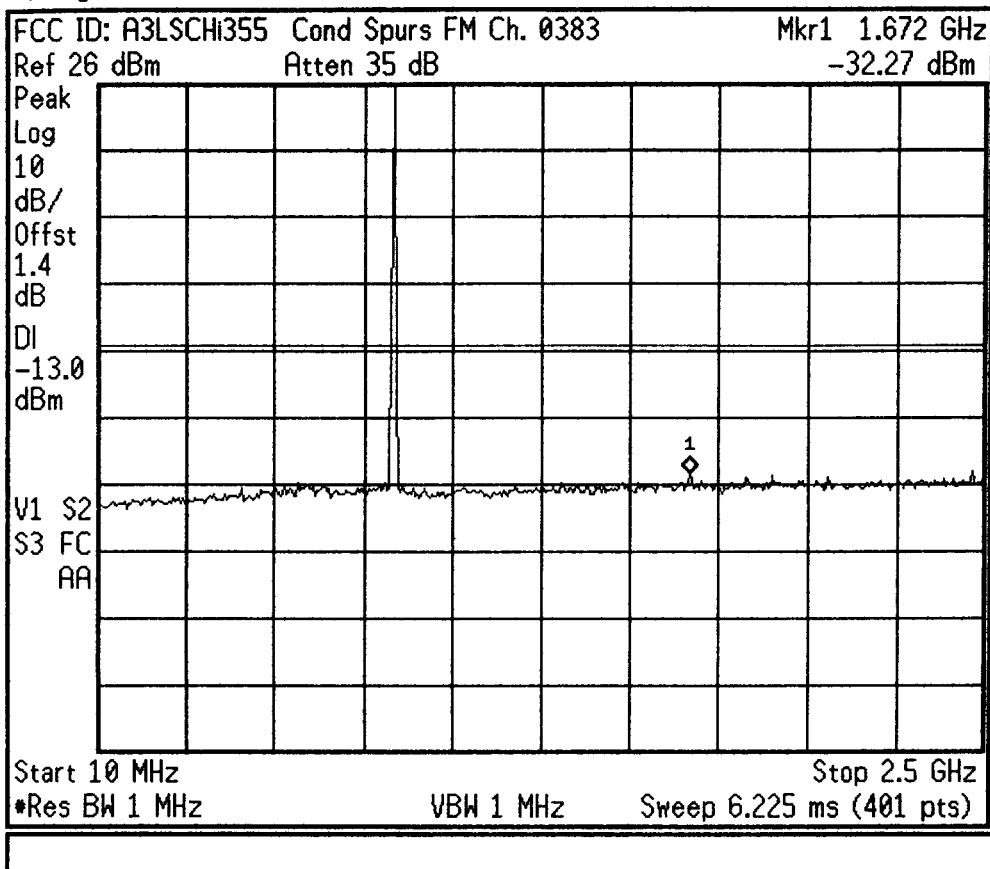
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

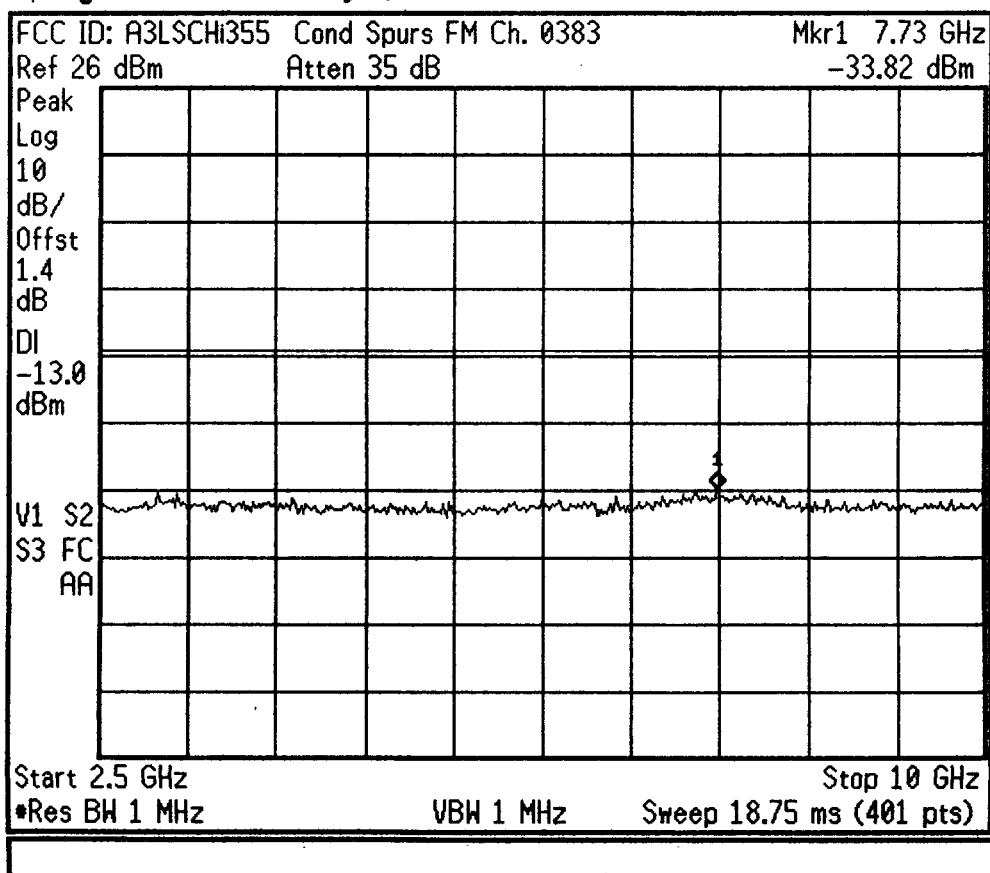
Signal Track
 On Off

* Agilent 12:19:53 May 1, 2001



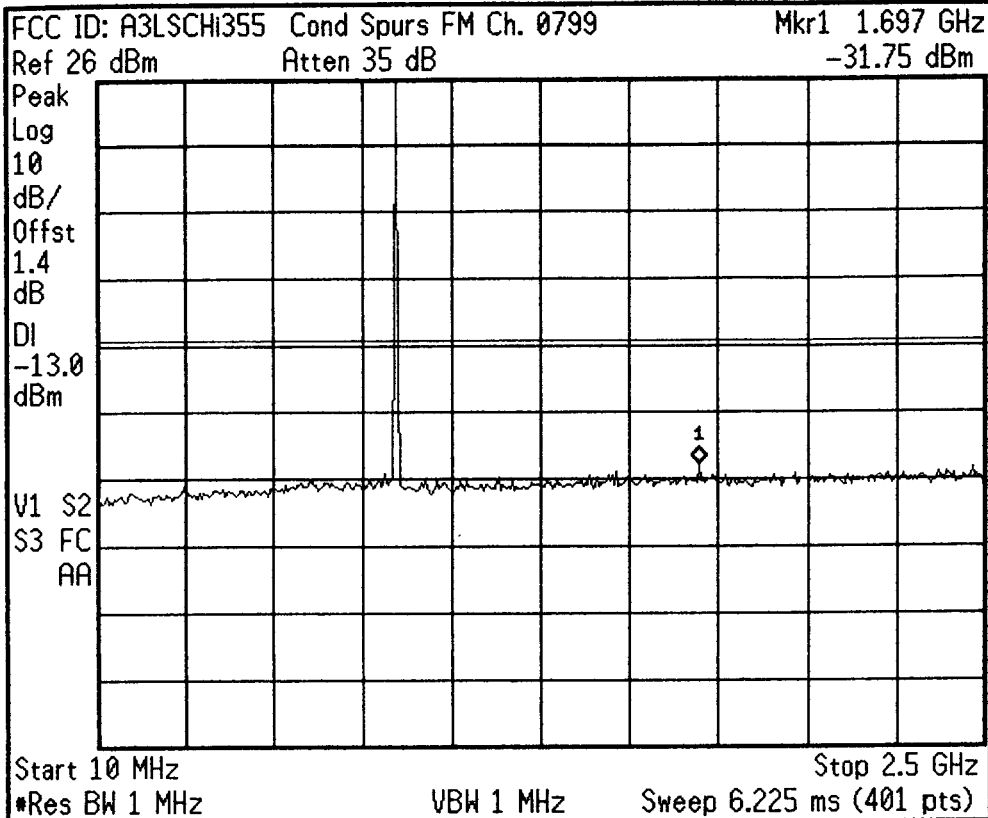
Freq/Channel
Center Freq 1.25500000 GHz
Start Freq 10.0000000 MHz
Stop Freq 2.50000000 GHz
CF Step 249.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

* Agilent 12:20:46 May 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

* Agilent 12:17:03 May 1, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

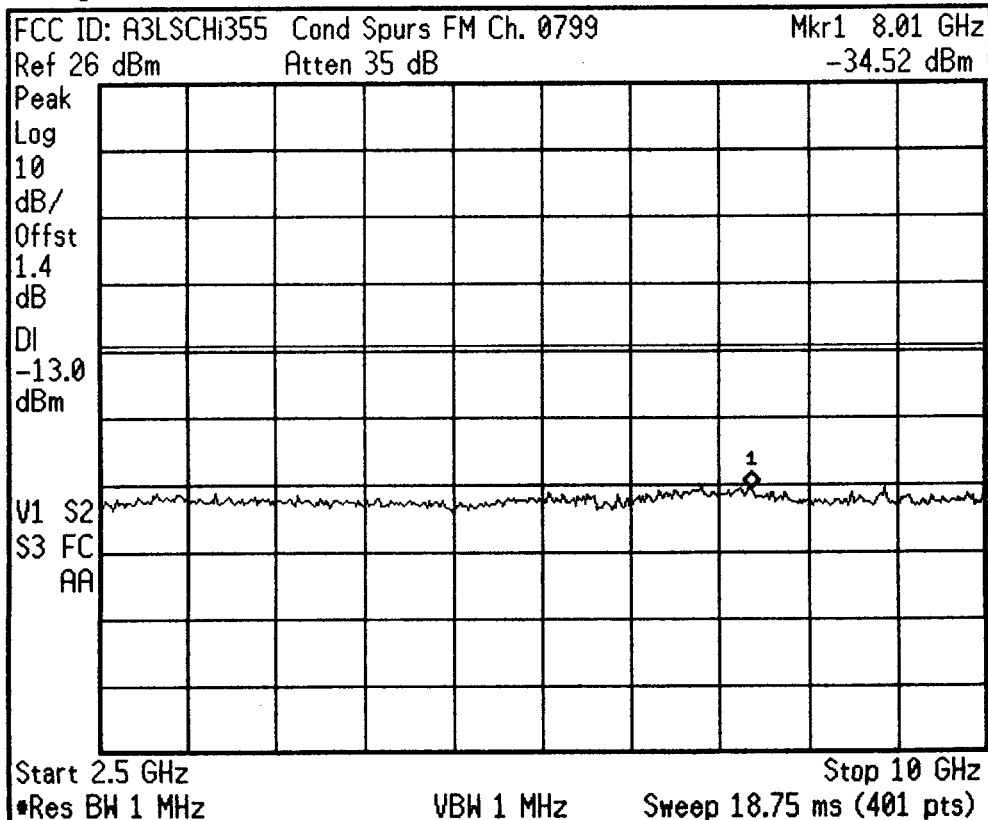
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 12:17:59 May 1, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

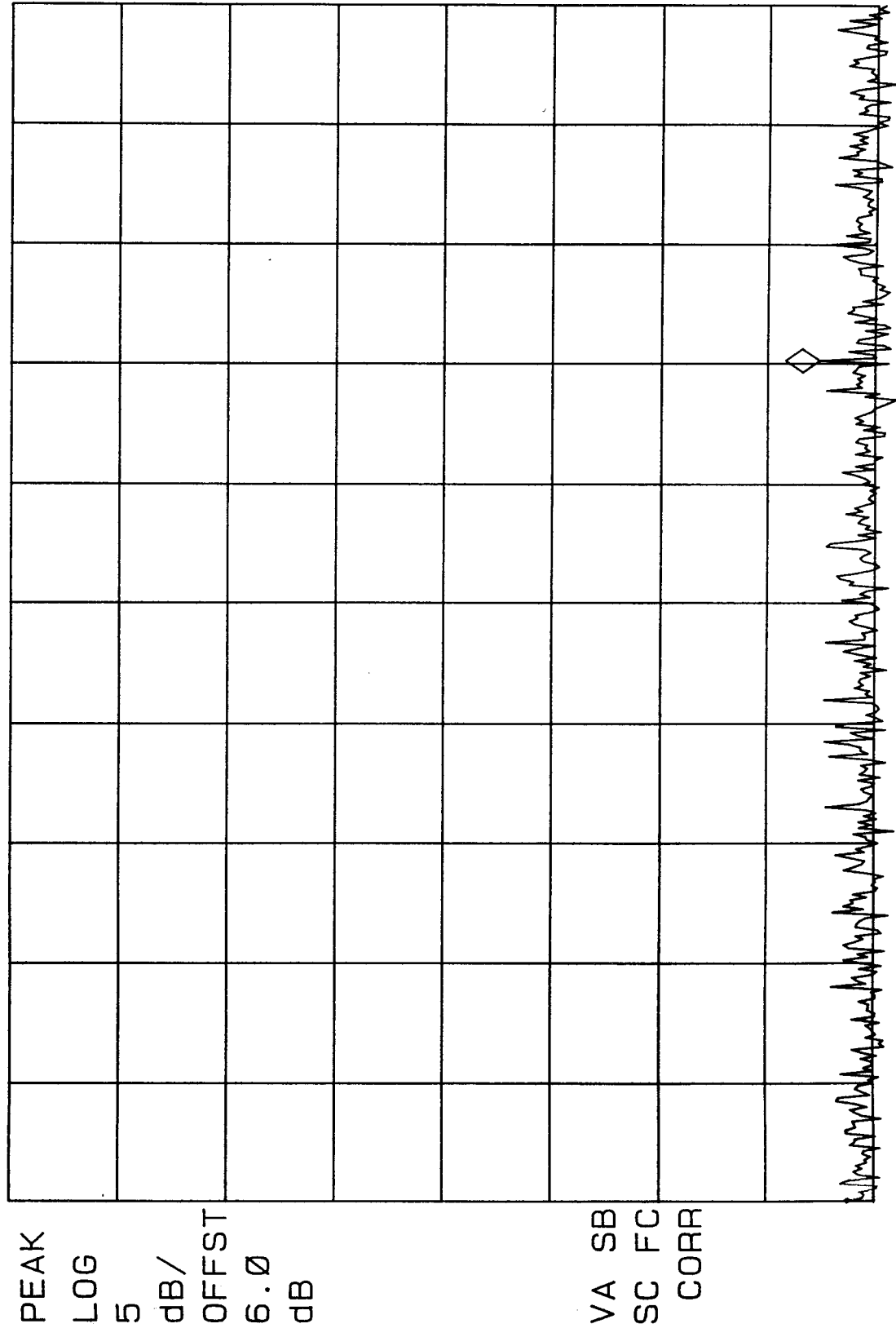
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

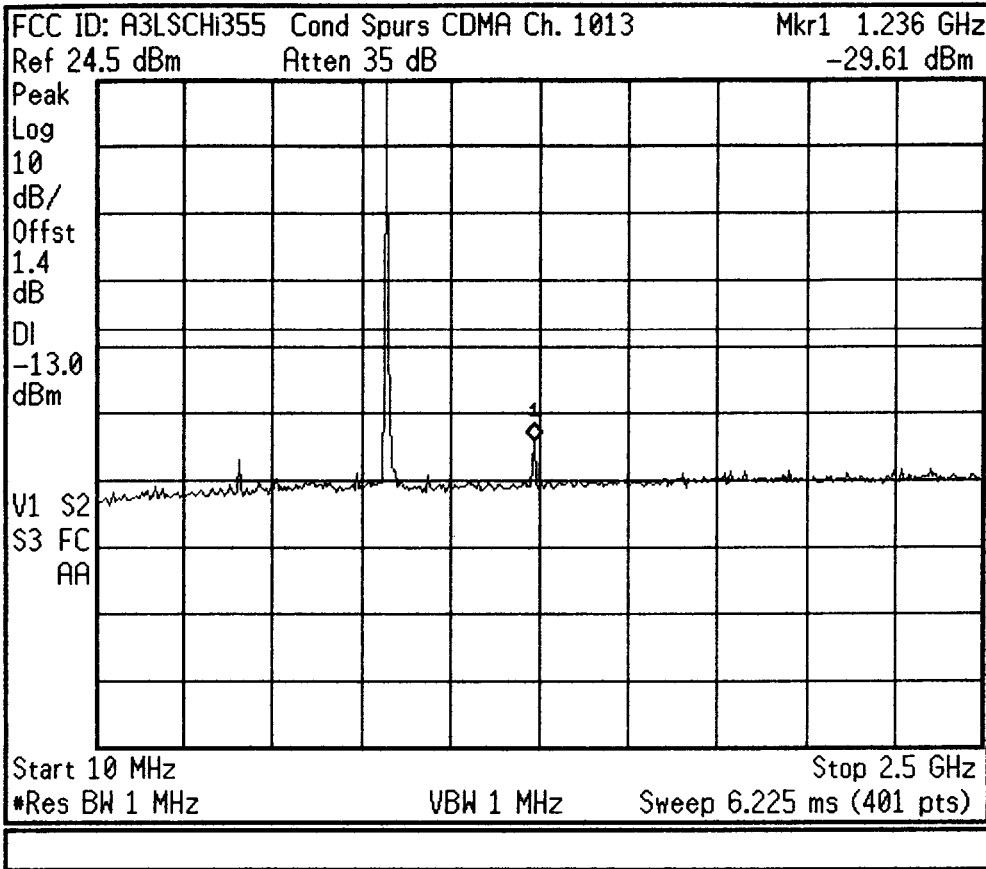
Signal Track
 On Off

FGCC ID: A3LSCHI355 FM MODE MKR 886.44 MHz
REF -60.0 dBm #ATTEN 10 dB PG 26.0 dB -97.41 dBm



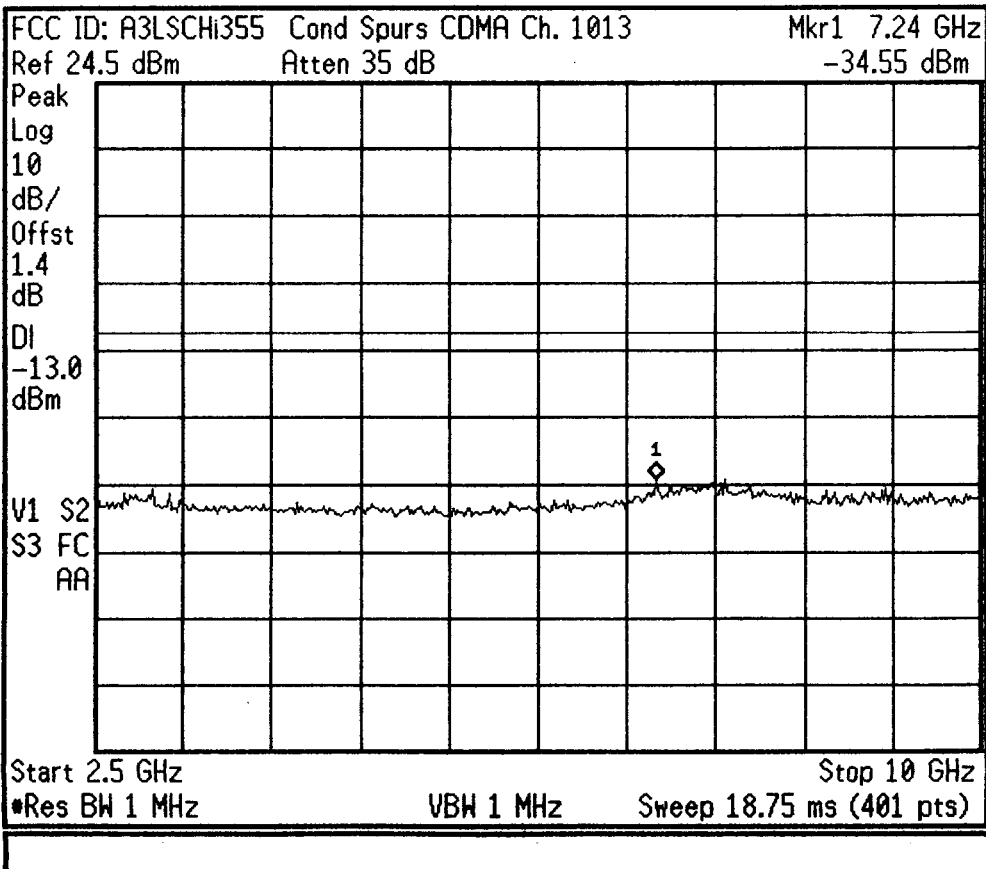
CENTER 881.37 MHz
#RES BW 100 KHZ
SPAN 25.00 MHz
SWP 20 msec

* Agilent 13:06:12 May 1, 2001



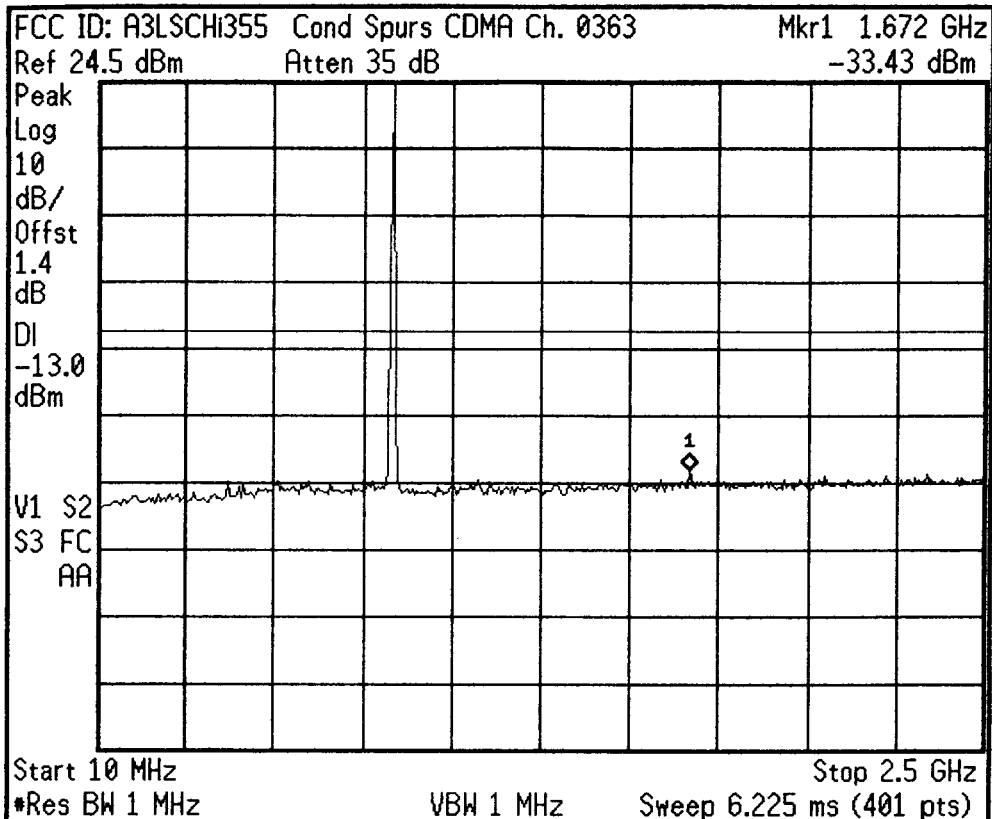
Freq/Channel	
Center Freq	1.25500000 GHz
Start Freq	10.0000000 MHz
Stop Freq	2.50000000 GHz
CF Step	249.000000 MHz Auto Man
Freq Offset	0.00000000 Hz
Signal Track	On Off

* Agilent 13:06:43 May 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

* Agilent 13:07:54 May 1, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

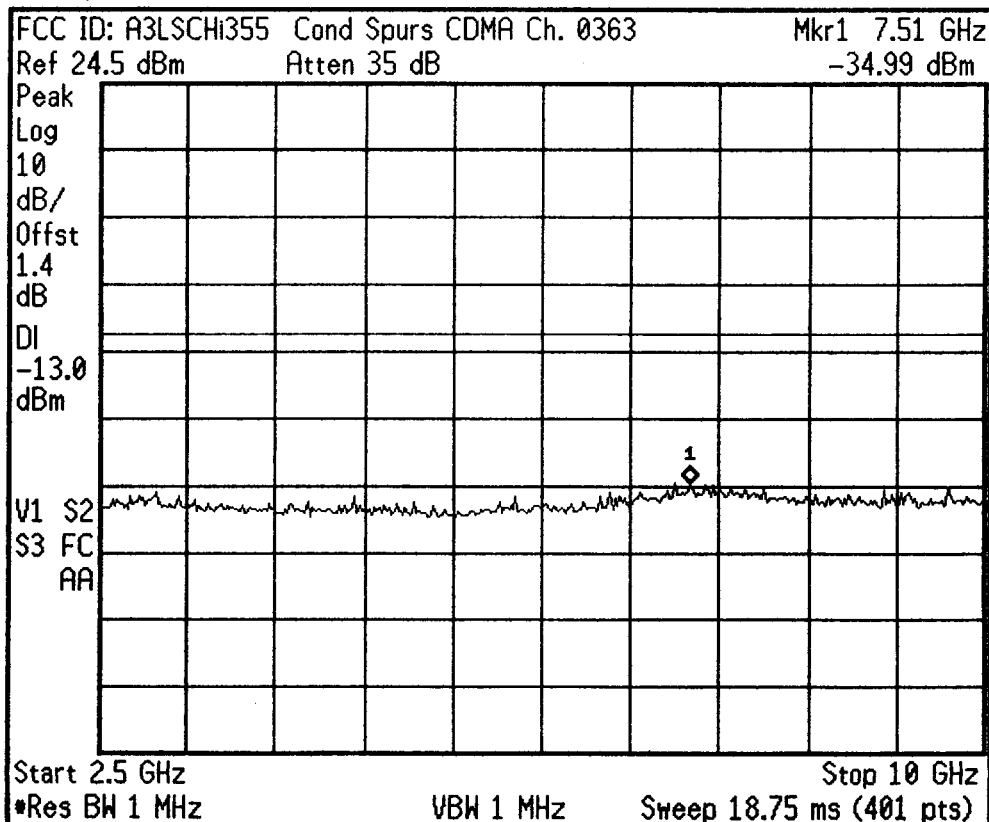
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

* Agilent 13:08:26 May 1, 2001



Freq/Channel

Center Freq
 6.25000000 GHz

Start Freq
 2.50000000 GHz

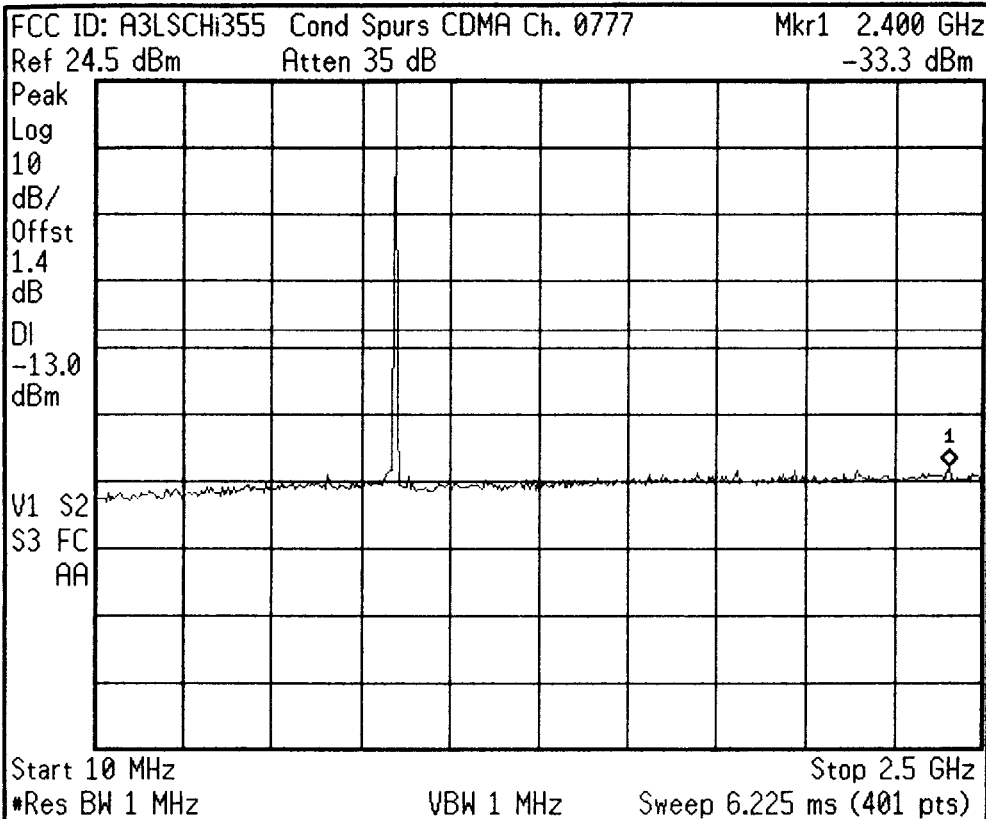
Stop Freq
 10.0000000 GHz

CF Step
 750.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Agilent 13:09:33 May 1, 2001



Freq/Channel

Center Freq
 1.25500000 GHz

Start Freq
 10.0000000 MHz

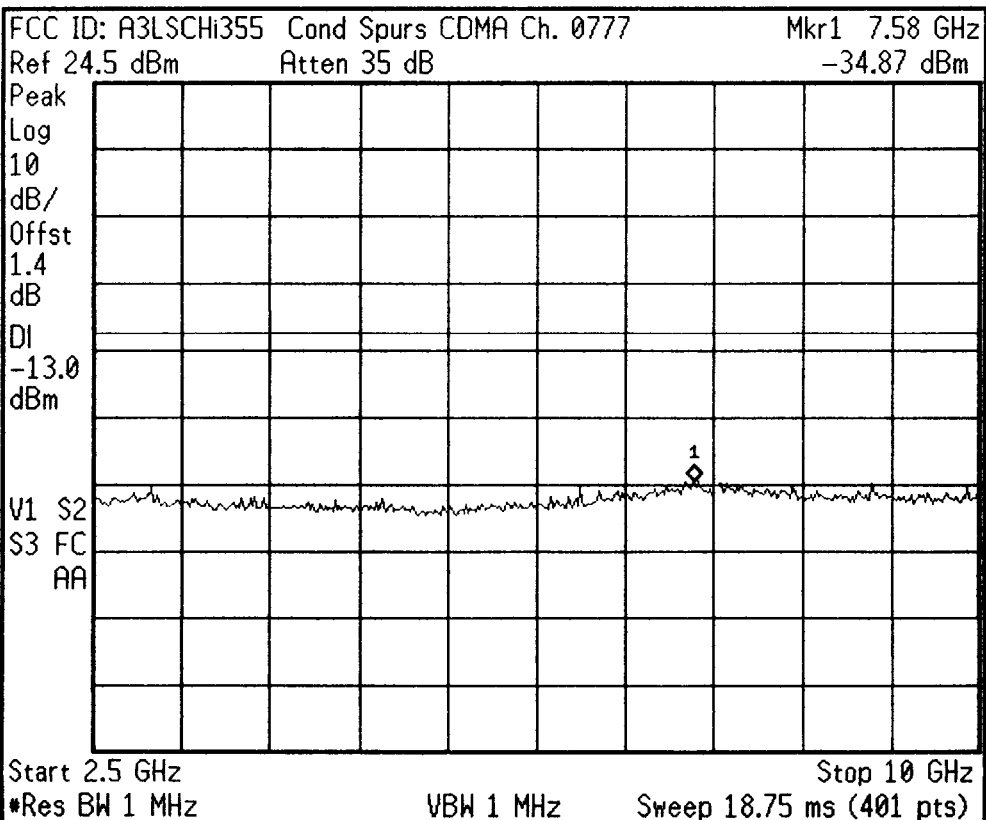
Stop Freq
 2.50000000 GHz

CF Step
 249.000000 MHz
 Auto Man

Freq Offset
 0.00000000 Hz

Signal Track
 On Off

Agilent 13:10:14 May 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

Agilent 12:55:26 May 1, 2001

FCC ID: A3LSCHI355 POWER OUT CDMA Ch. 1013

Ref 24.5 dBm Atten 35 dB

Peak
Log
10
dB/
Offst
1.4
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 12:56:16 May 1, 2001

FCC ID: A3LSCHI355 POWER OUT CDMA Ch. 0777

Ref 24.5 dBm Atten 35 dB

Peak
Log
10
dB/
Offst
1.4
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 12:52:43 May 1, 2001

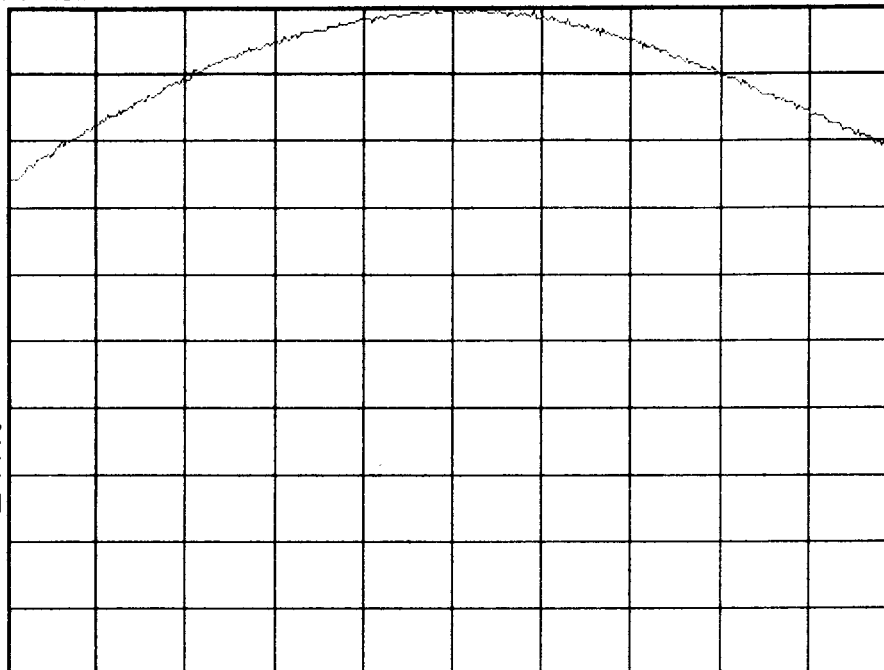
FCC ID: A3LSCHi355 POWER OUT CDMA Ch. 1013

Ref 24.5 dBm

Atten 35 dB

Peak
Log
10
dB/
Offst
1.4
dB

V1 S2
S3 FC
AA



Center 824.7 MHz

Span 10 MHz

*Res BW 3 MHz

VBW 3 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 12:53:46 May 1, 2001

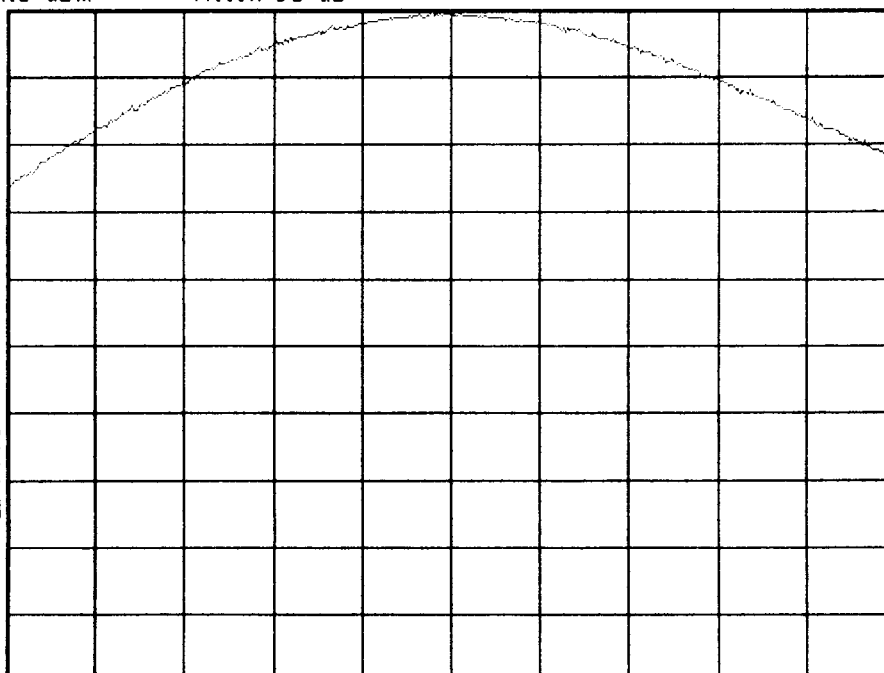
FCC ID: A3LSCHi355 POWER OUT CDMA Ch. 1013

Ref 24.5 dBm

Atten 35 dB

Peak
Log
10
dB/
Offst
1.4
dB

V1 S2
S3 FC
AA



Center 848.3 MHz

Span 10 MHz

*Res BW 3 MHz

VBW 3 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

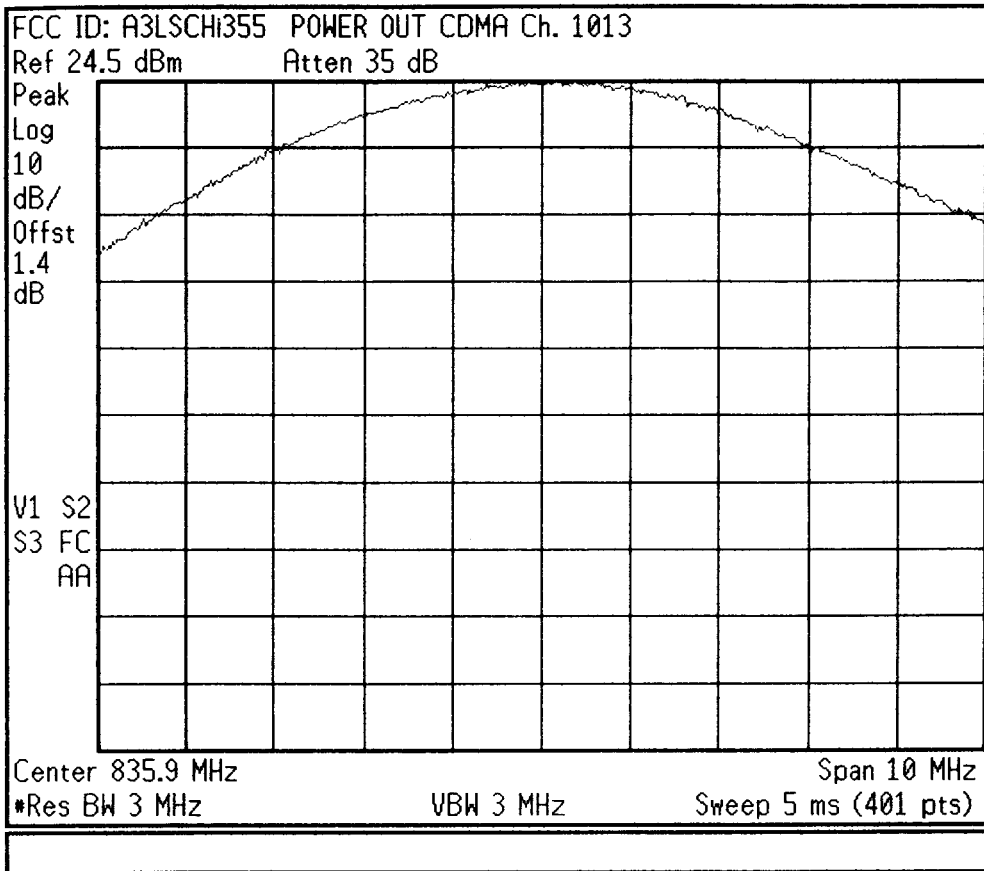
0.00000000 Hz

Signal Track

On

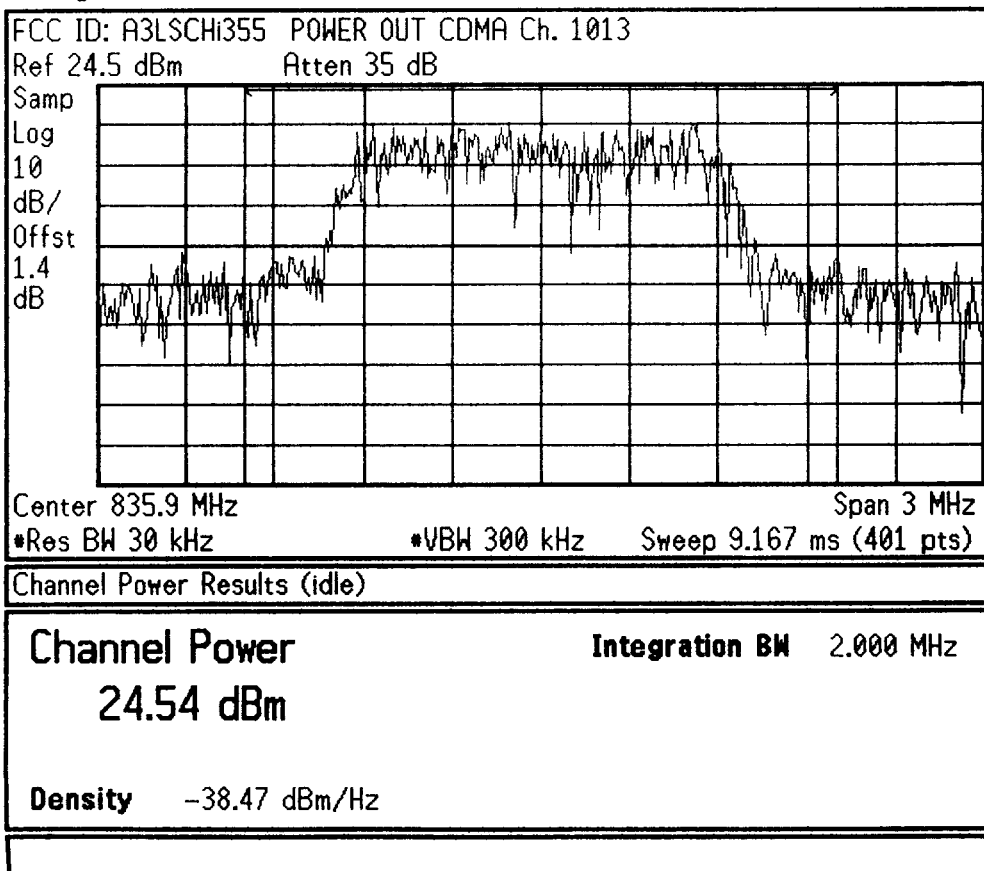
Off

Agilent 12:49:28 May 1, 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 12:50:57 May 1, 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

Agilent 12:59:00 May 1, 2001

FCC ID: A3LSCHi355 BAND EDGE CDMA Ch. 1013

Ref 24.5 dBm Atten 35 dB

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 824 MHz

*Res BW 30 kHz

VBW 30 kHz

Span 5 MHz Sweep 13.89 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

Agilent 13:00:22 May 1, 2001

FCC ID: A3LSCHi355 BAND EDGE CDMA Ch. 0777

Ref 24.5 dBm Atten 35 dB

Peak

Log

10

dB/

Offst

1.4

dB

DI

-13.0

dBm

V1 S2

S3 FC

AA

Center 849 MHz

*Res BW 30 kHz

VBW 30 kHz

Span 5 MHz Sweep 13.89 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

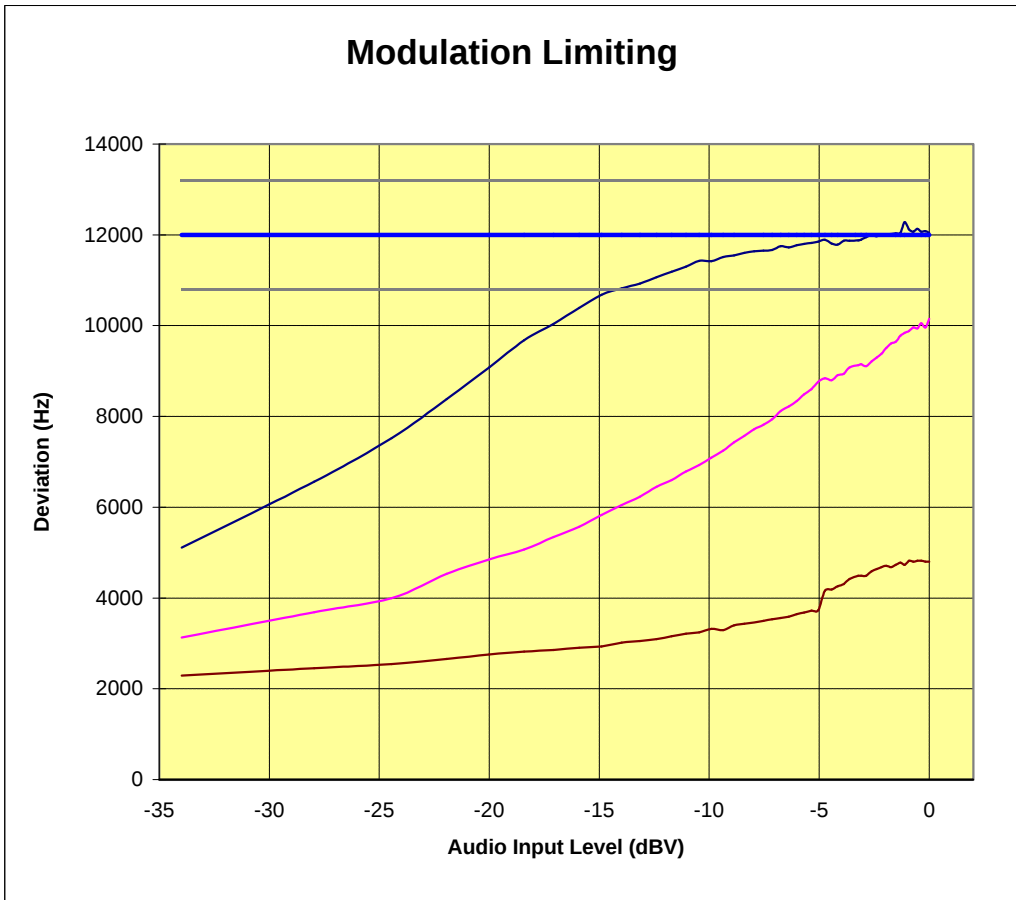
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No.: 24/22.210411217.A3L
Test Date: 05.02.2001

EUT: SAMSUNG Dual-Mode Cellular Phone (AMPS/CDMA)
Model: SCH-I355
FCC ID: A3LSCHI355

REFERENCE: 1 kHz = 0 dB



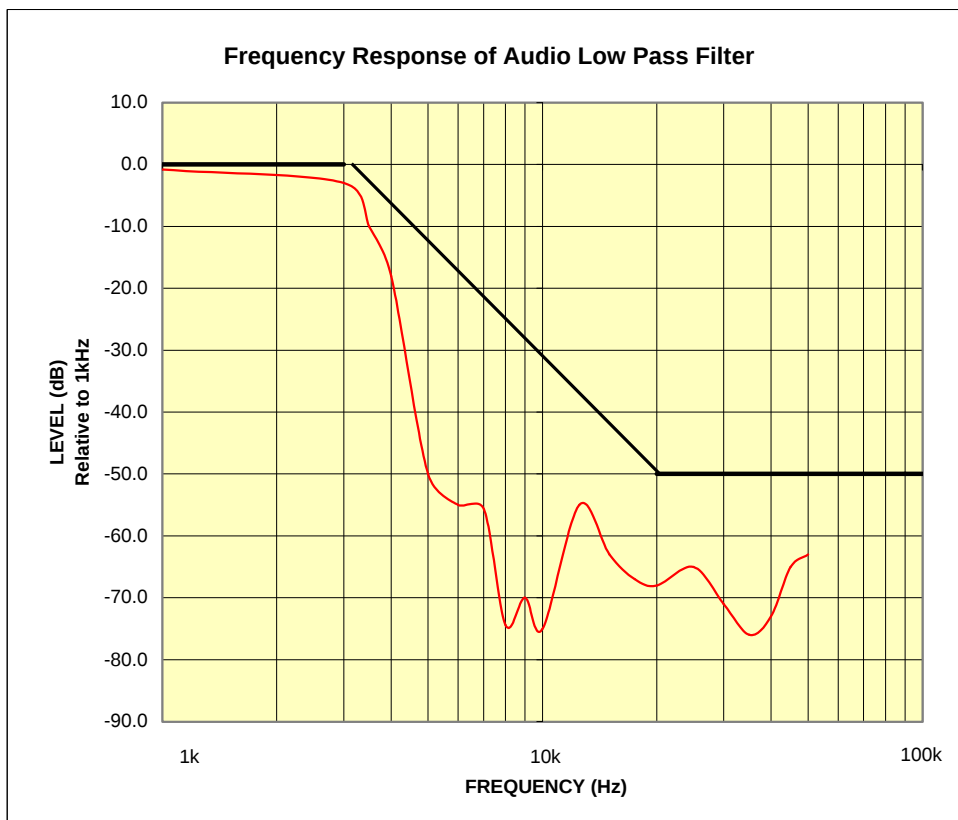
PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 24/22

Test Report No.: 24/22.210411217.A3L
Test Date: 05.02.2001

EUT: SAMSUNG Dual-Mode Cellular Phone (AMPS/CDMA)
Model: SCH-I355
FCC ID: A3LSCHI355

REFERENCE: 1 kHz = 0 dB



PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 24/22

Test Report No.: 24/22.210411217.A3L
Test Date: 05.02.2001

EUT: SAMSUNG Dual-Mode Cellular Phone (AMPS/CDMA)
Model: SCH-I355
FCC ID: A3LSCHI355

REFERENCE: 1 kHz = 0 dB

