

ATTACHMENT D – TEST PLOTS

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHA205

SAMSUNG

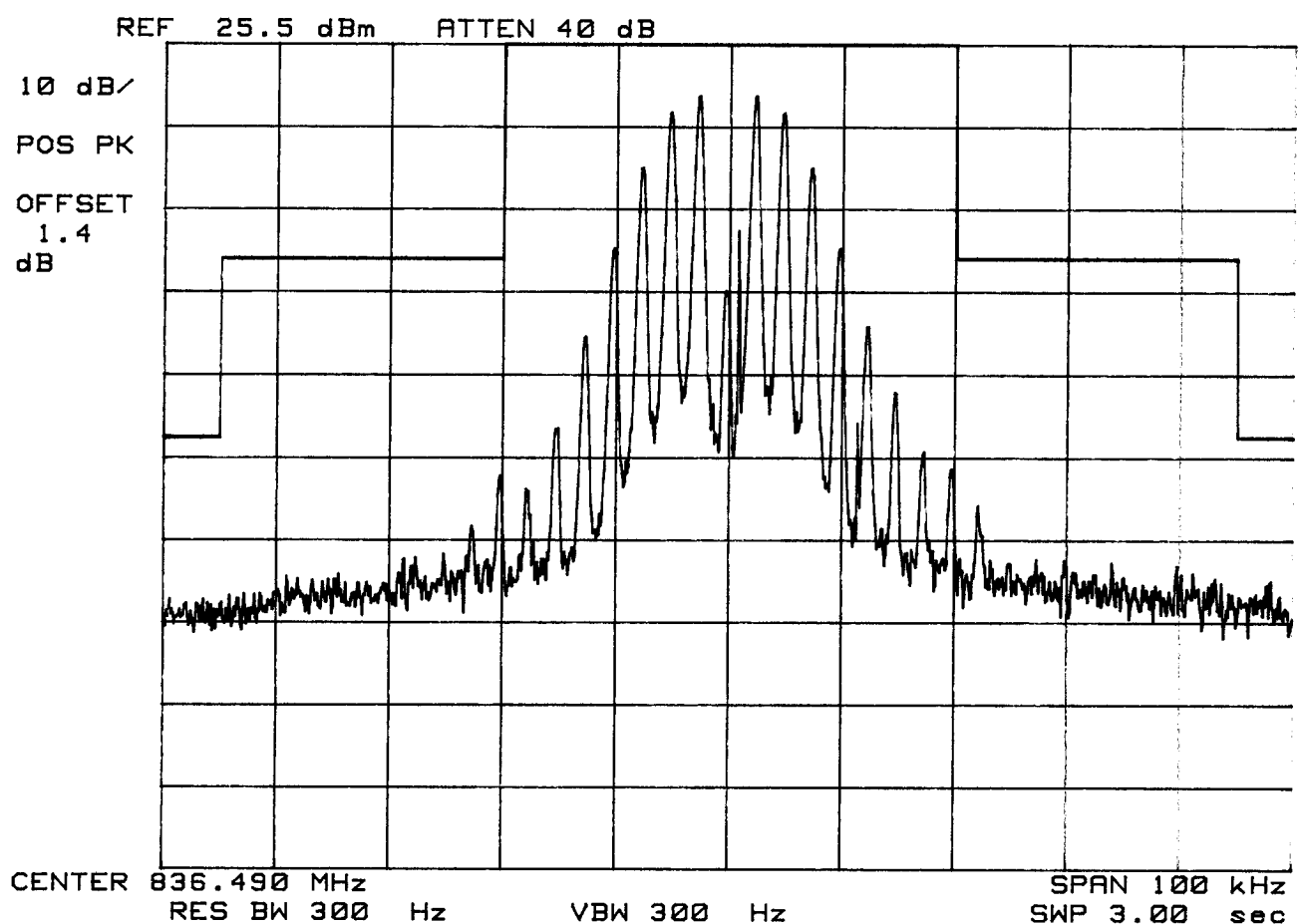
DUAL MODE

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHA205

SAMSUNG

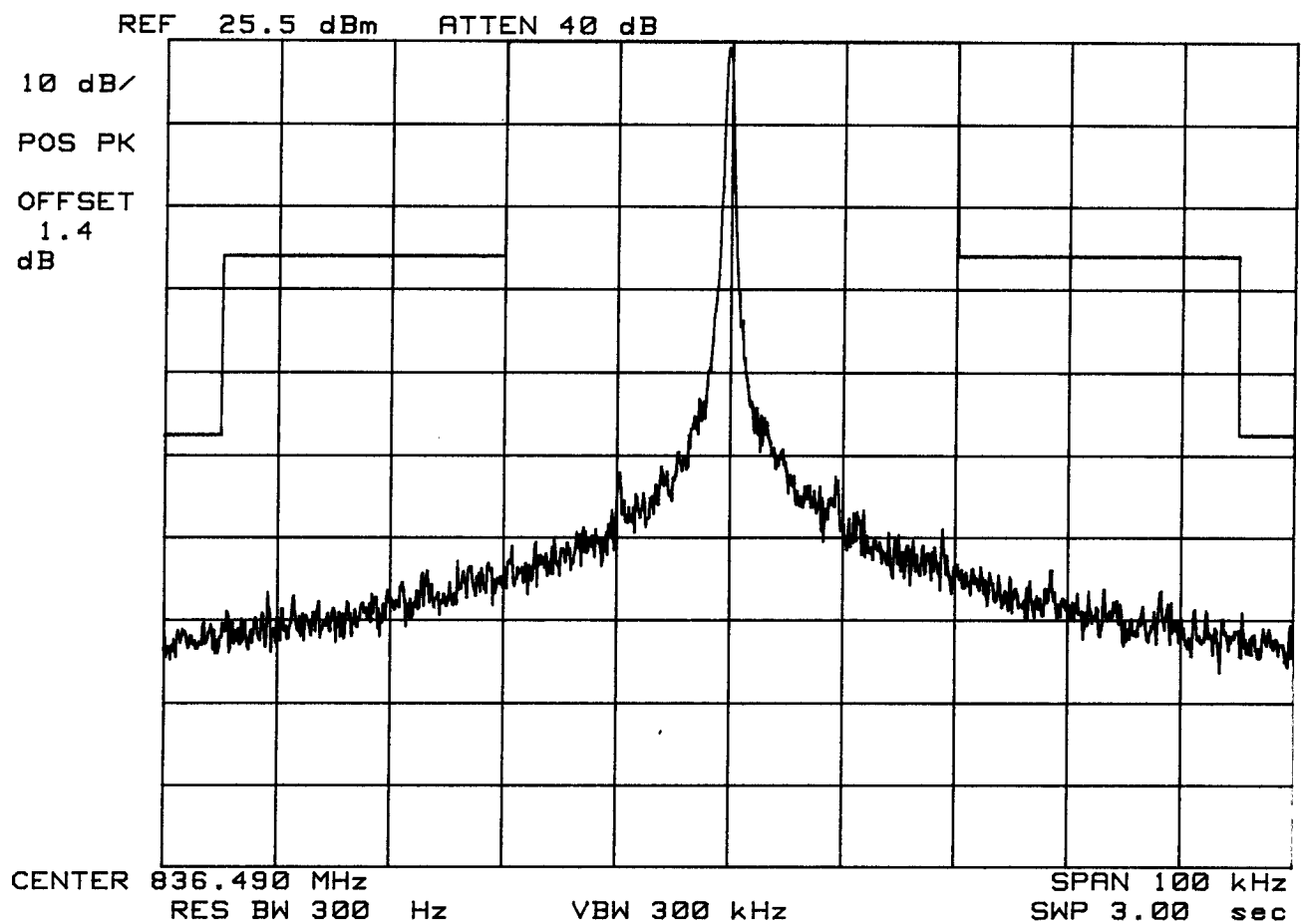
DUAL MODE

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:Unmodulated Signal

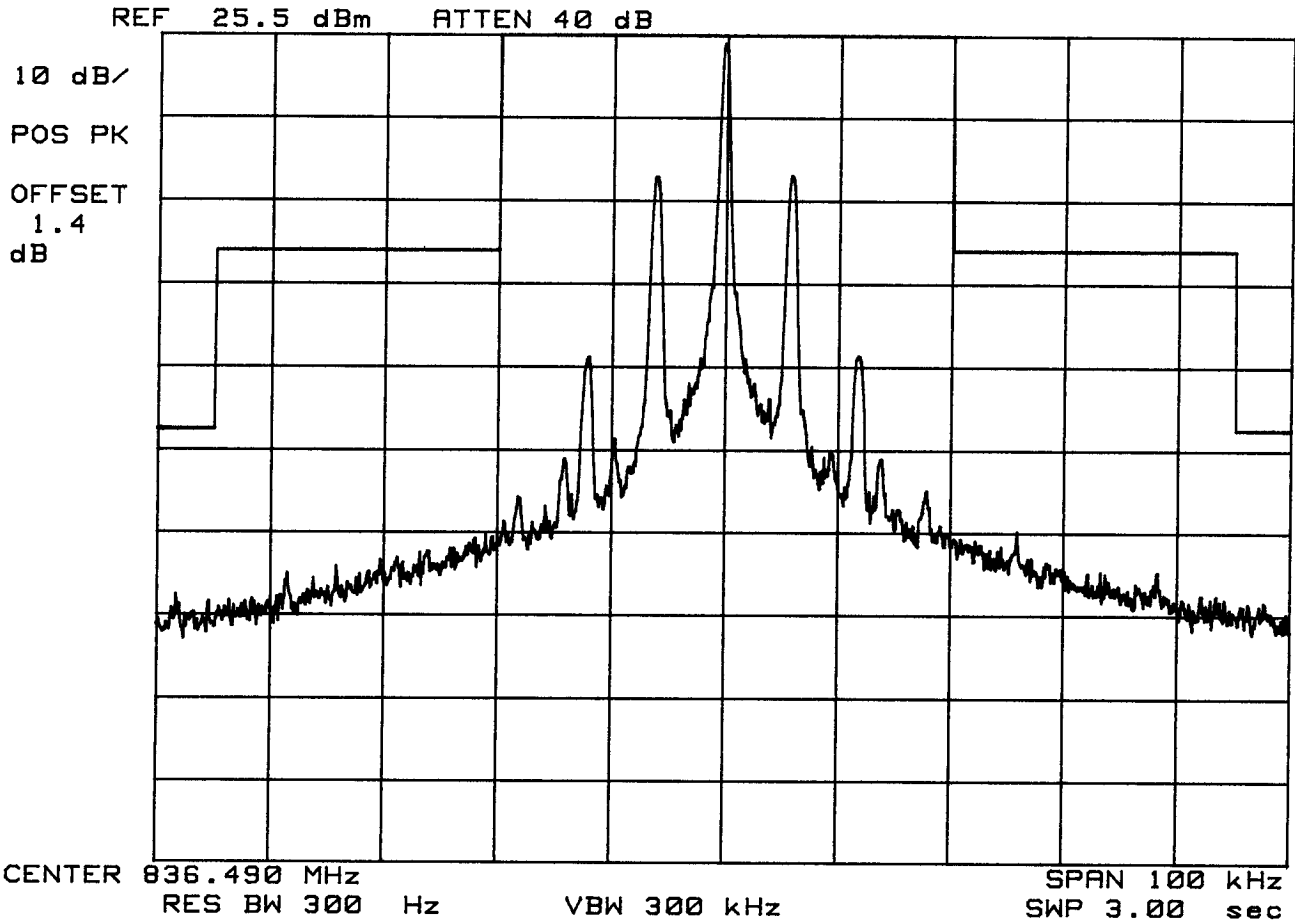


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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHA205
SAMSUNG
DUAL MODE
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 25.5 dBm

Test Mode:SAT



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHA205

SAMSUNG

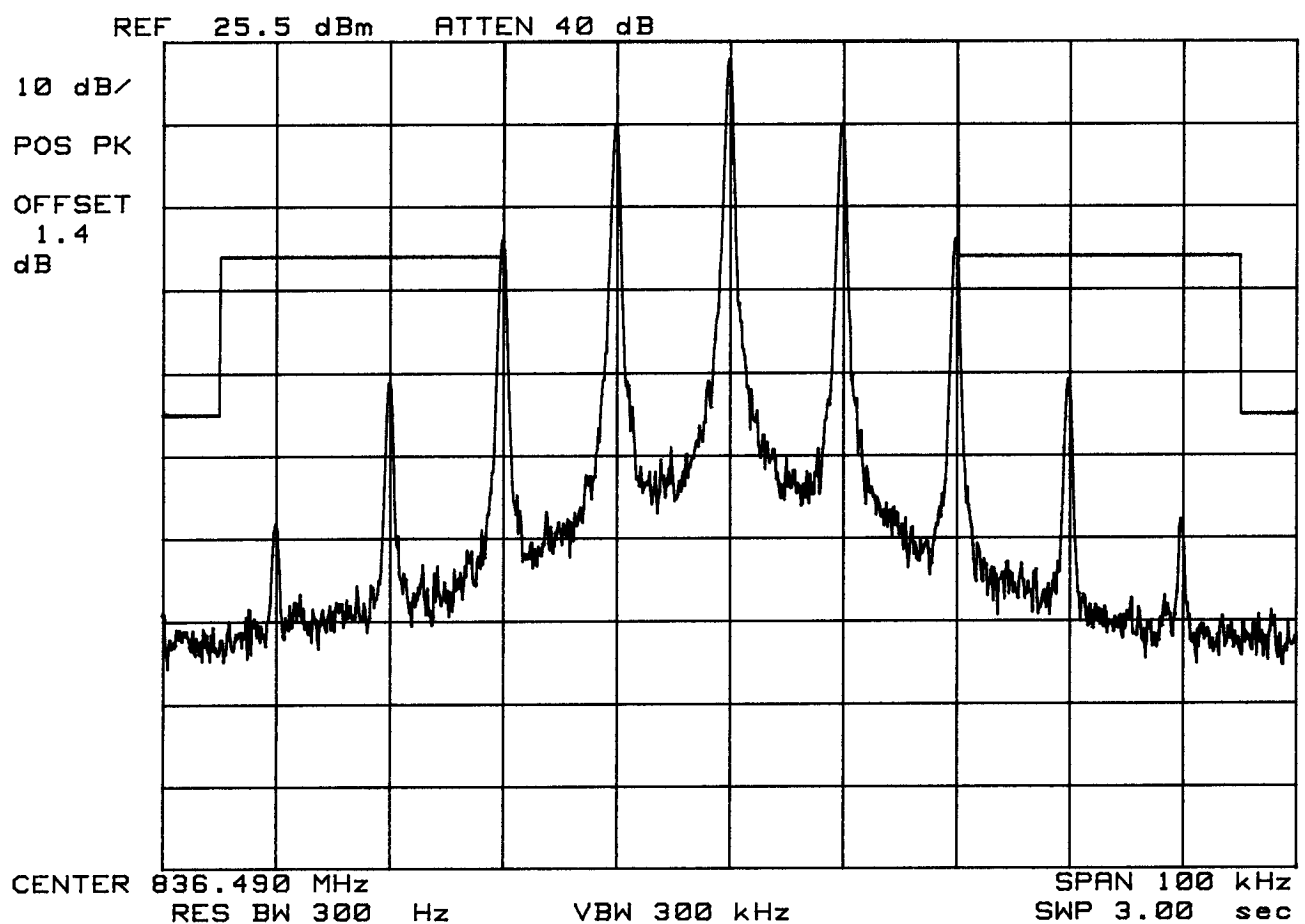
DUAL MODE

FM Channel 0383

Operating Frequency: 836.490 MHz

Output Power : 25.5 dBm

Test Mode:ST

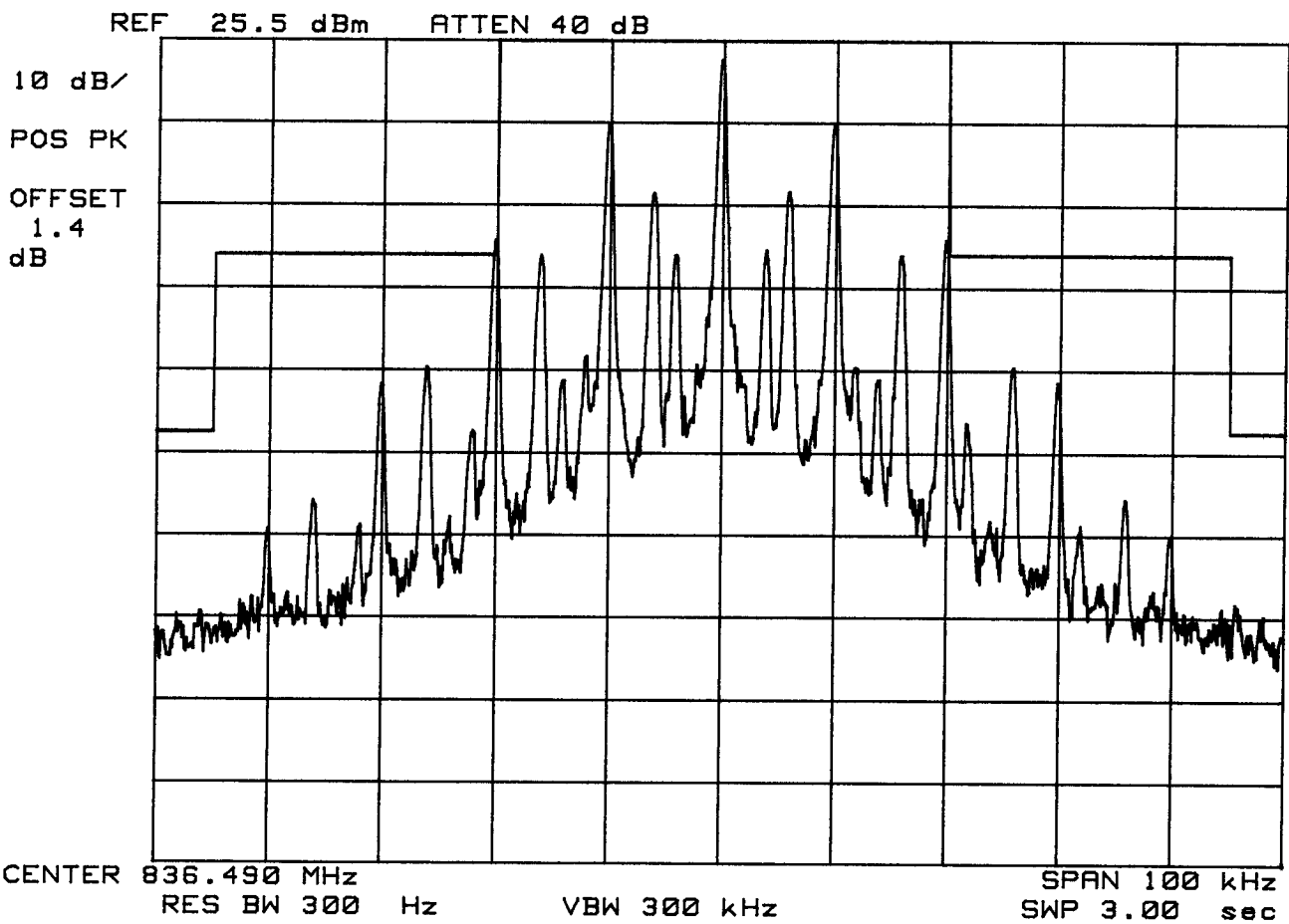


PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCHA205
SAMSUNG
DUAL MODE
FM Channel 0383
Operating Frequency: 836.490 MHz
Output Power : 25.5 dBm

Test Mode:SAT + ST



FCC ID A3LSCHA205 COND. SPURS FM Ch. 0991 MKR 1.646 GHz
h_p REF 25.5 dBm ATTEN 40 dB -29.80 dBm

10 dB/

POS PK

OFFSET

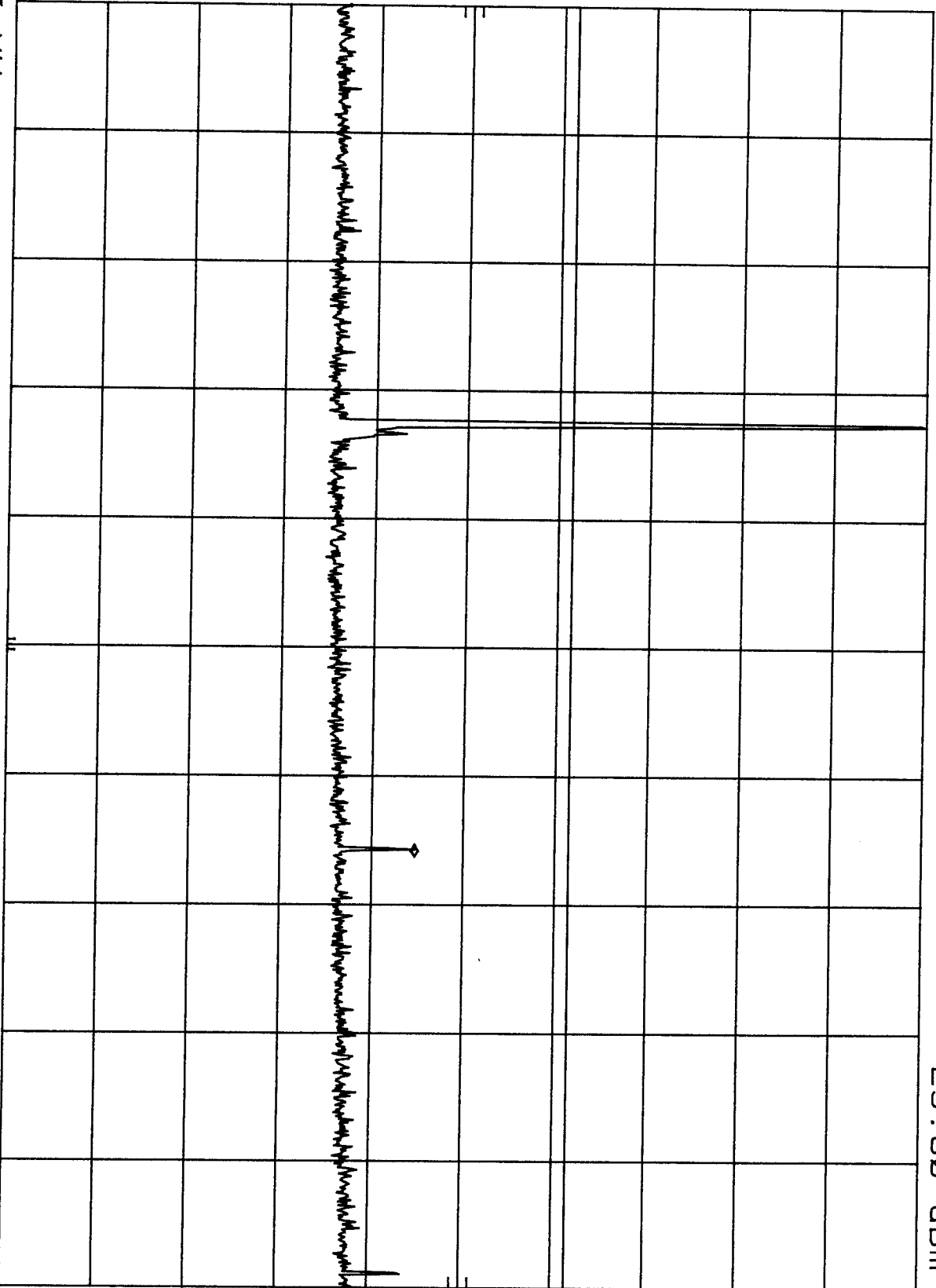
1.4

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz

VBW 1 MHz

STOP 2.50 GHz

SWP 62.3 msec

FCC ID A3LSCHA205 COND. SPURS FM Ch. 0991 MKR 9.520 GHz
hpa REF 25.5 dBm ATTEN 40 dB -30.30 dBm

10 dB/

POS PK

OFFSET

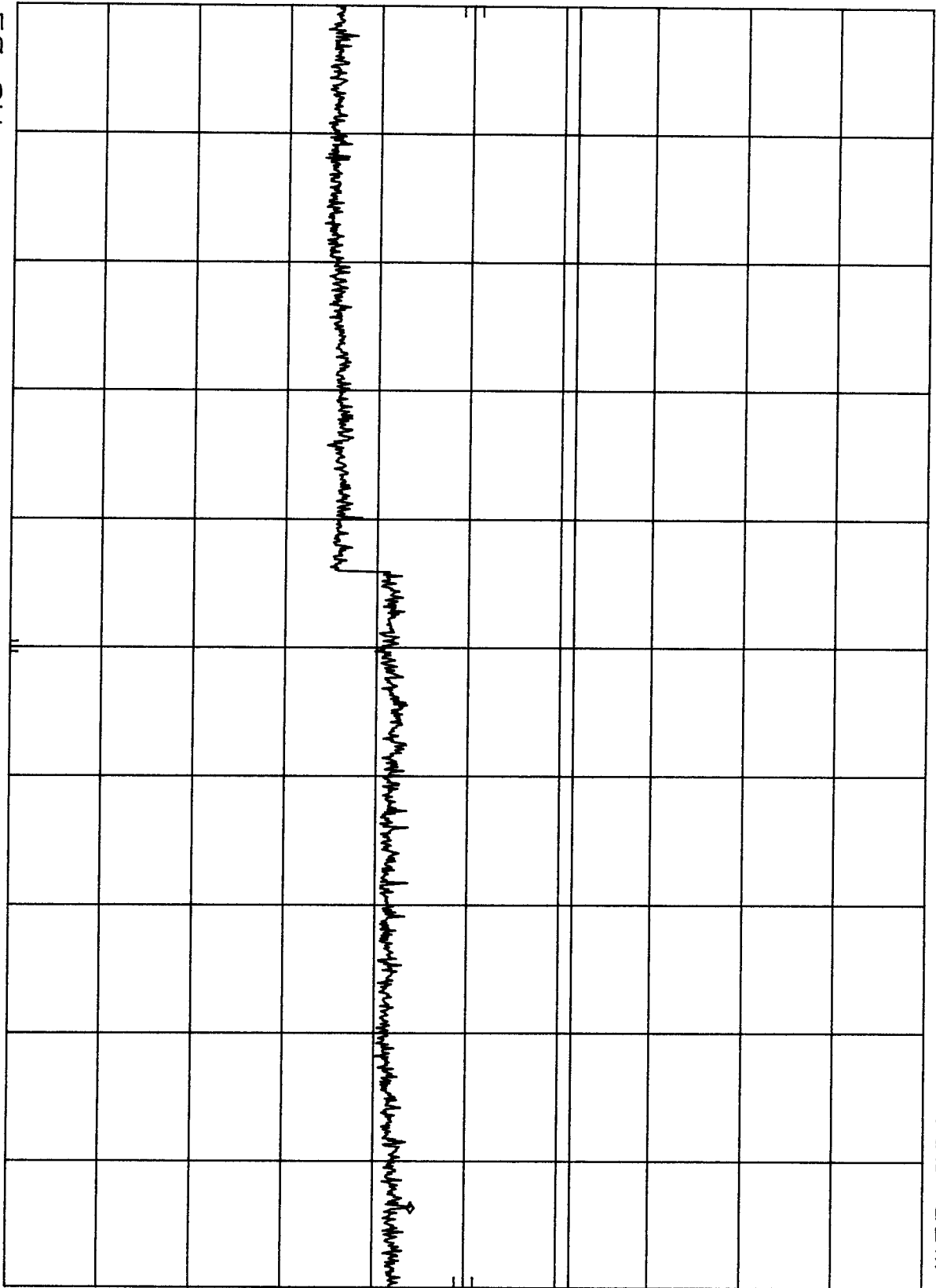
1.4

dB

DL

-13.0

dBm



START 2.50 GHz

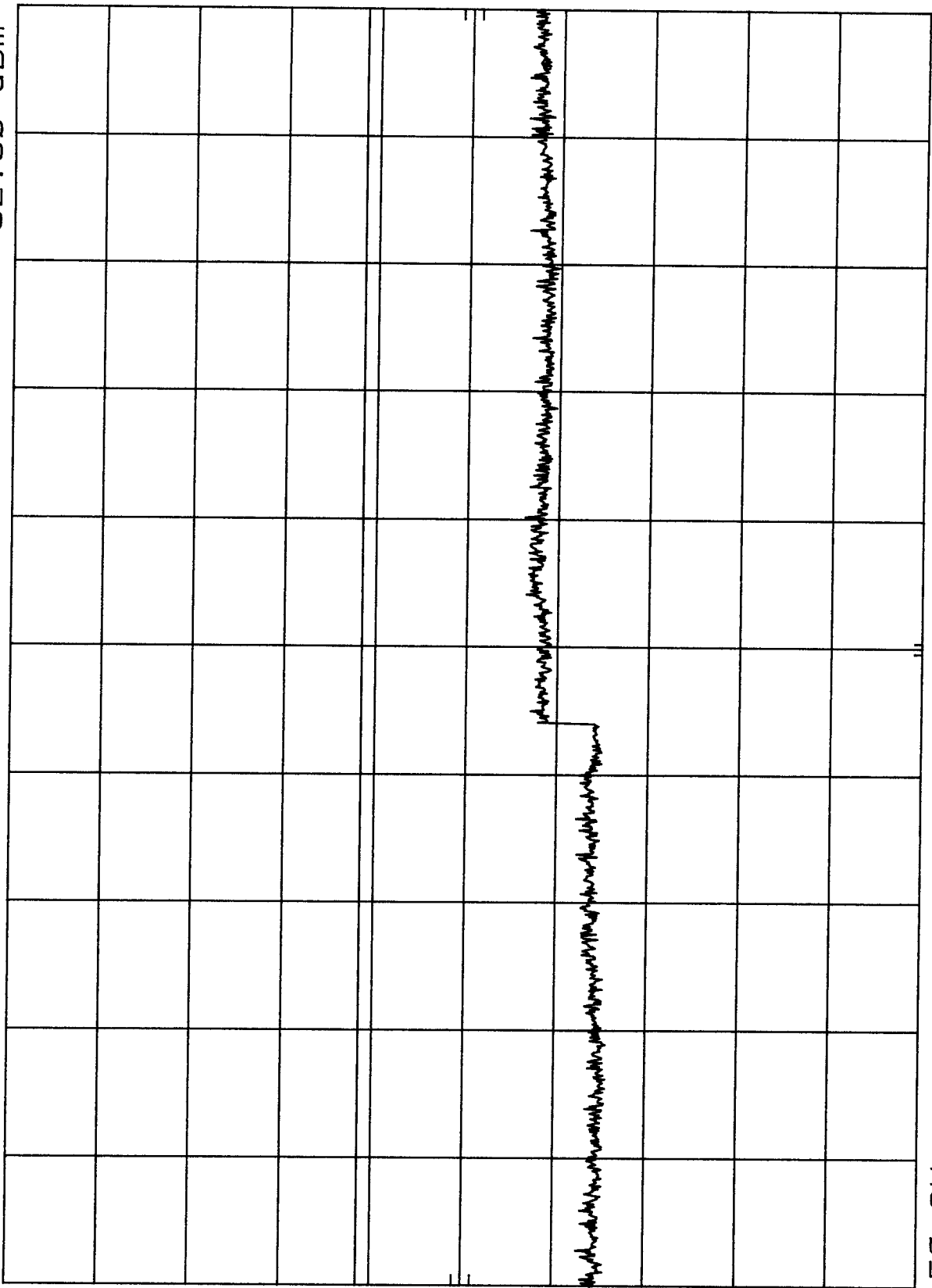
RES BW 1 MHz

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

FCC ID A3LSCHA205 COND. SPURS FM Ch.0383 MKR 9.678 GHz
hpa REF 25.5 dBm ATTEN 40 dB -32.30 dBm



START 2.50 GHz RES BW 1 MHz VBW 1 MHz STOP 10.00 GHz SWP 188 msec

FCC ID A3LSCHA205 COND. SPURS FM CH. 0383 MKR 1.671 GHz
7p REF 25.5 dBm ATTEN 40 dB -29.20 dBm

10 dB/

POS PK

OFFSET

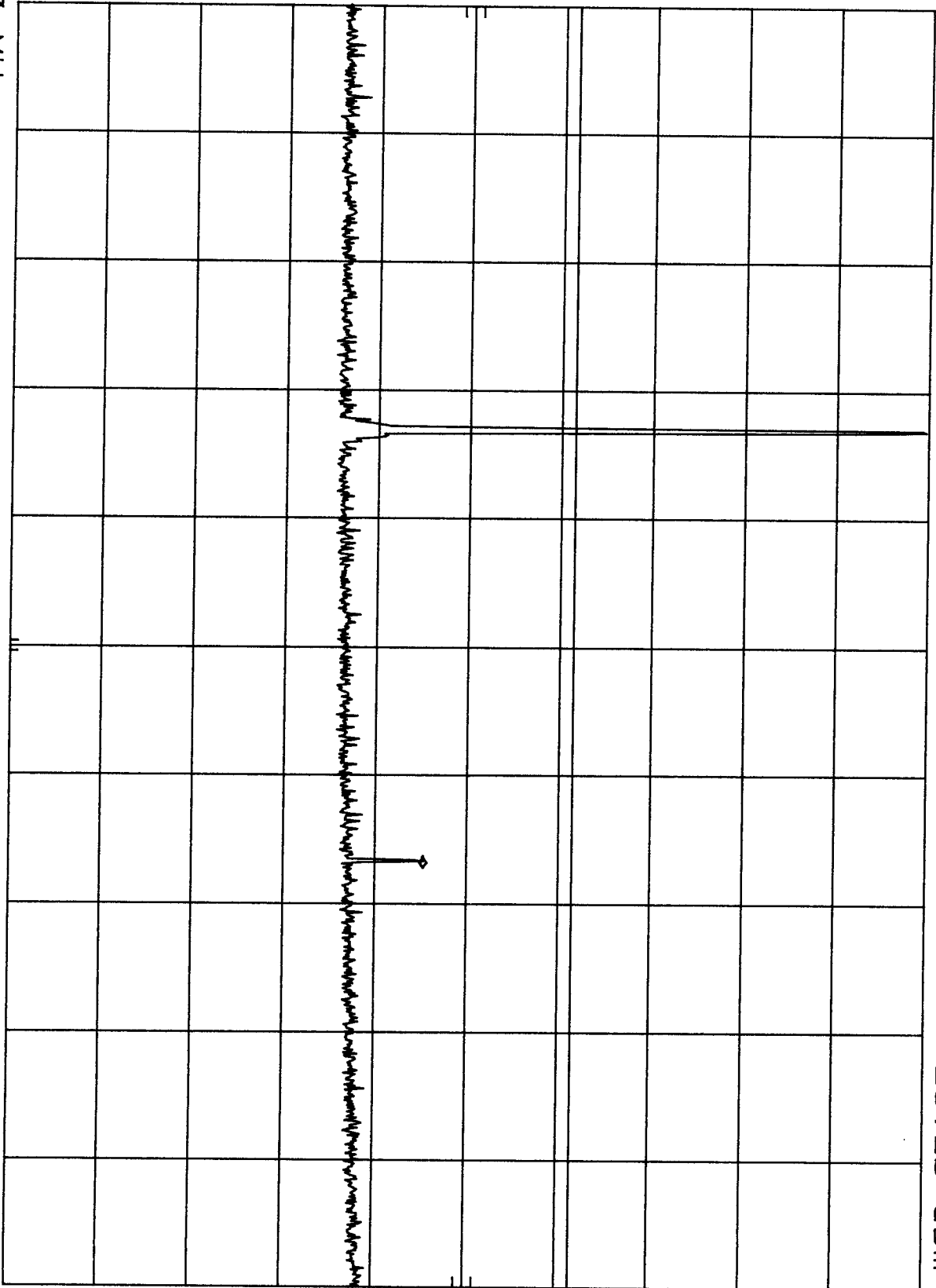
1.4

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz

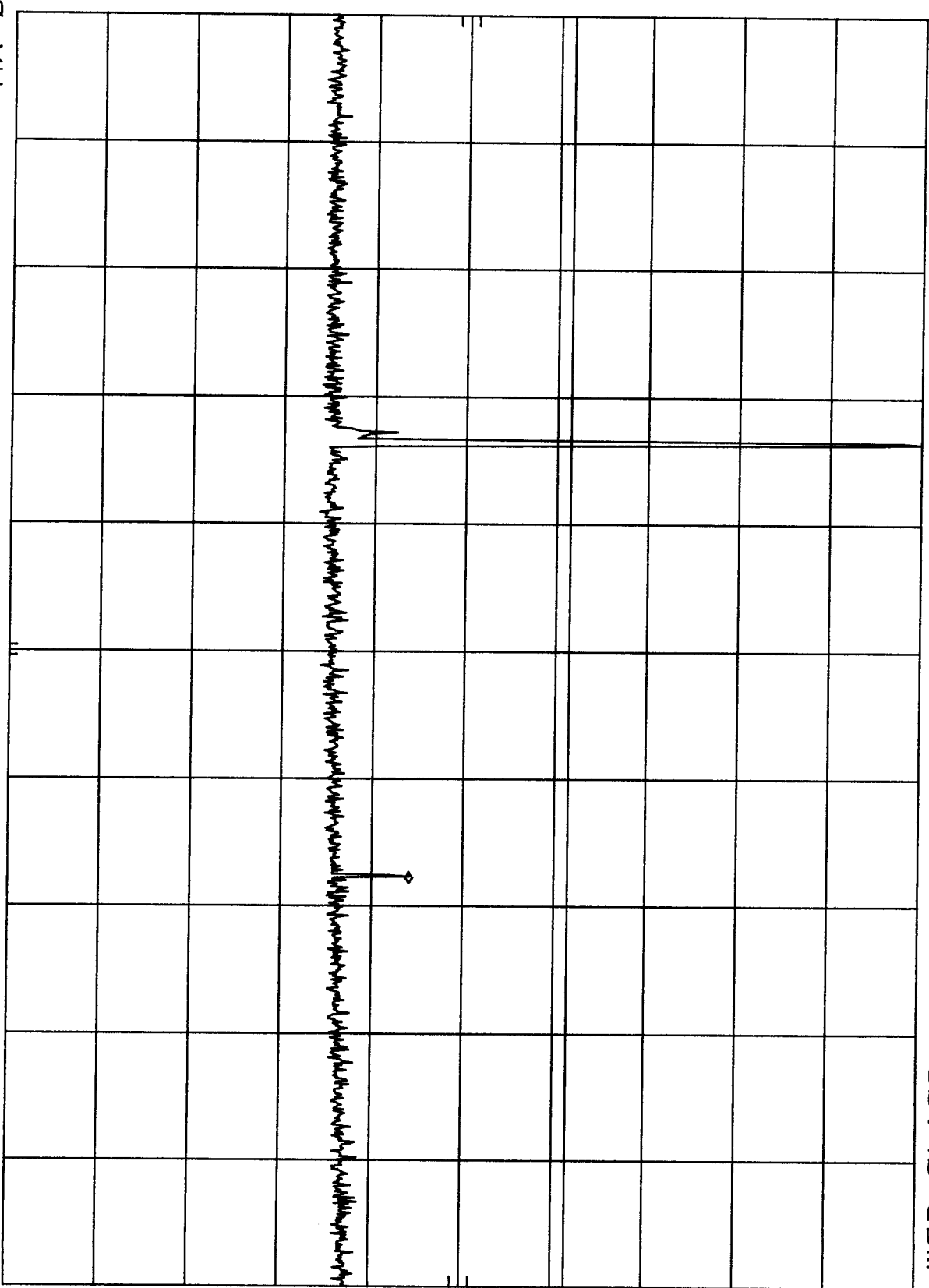
VBW 1 MHz

STOP 2.50 GHz

SWP 62.3 msec

FCC ID A3LSCHA205 COND. SPURS FM Ch. 0799 MKR 1.696 GHz
70 REF 25.5 dBm ATTEN 40 dB -30.40 dBm

10 dB/
POS PK
OFFSET
1.4
dB
DL
-13.0
dBm



START 10 MHz
RES BW 1 MHz
VBW 1 MHz
STOP 2.50 GHz
SWP 62.3 msec

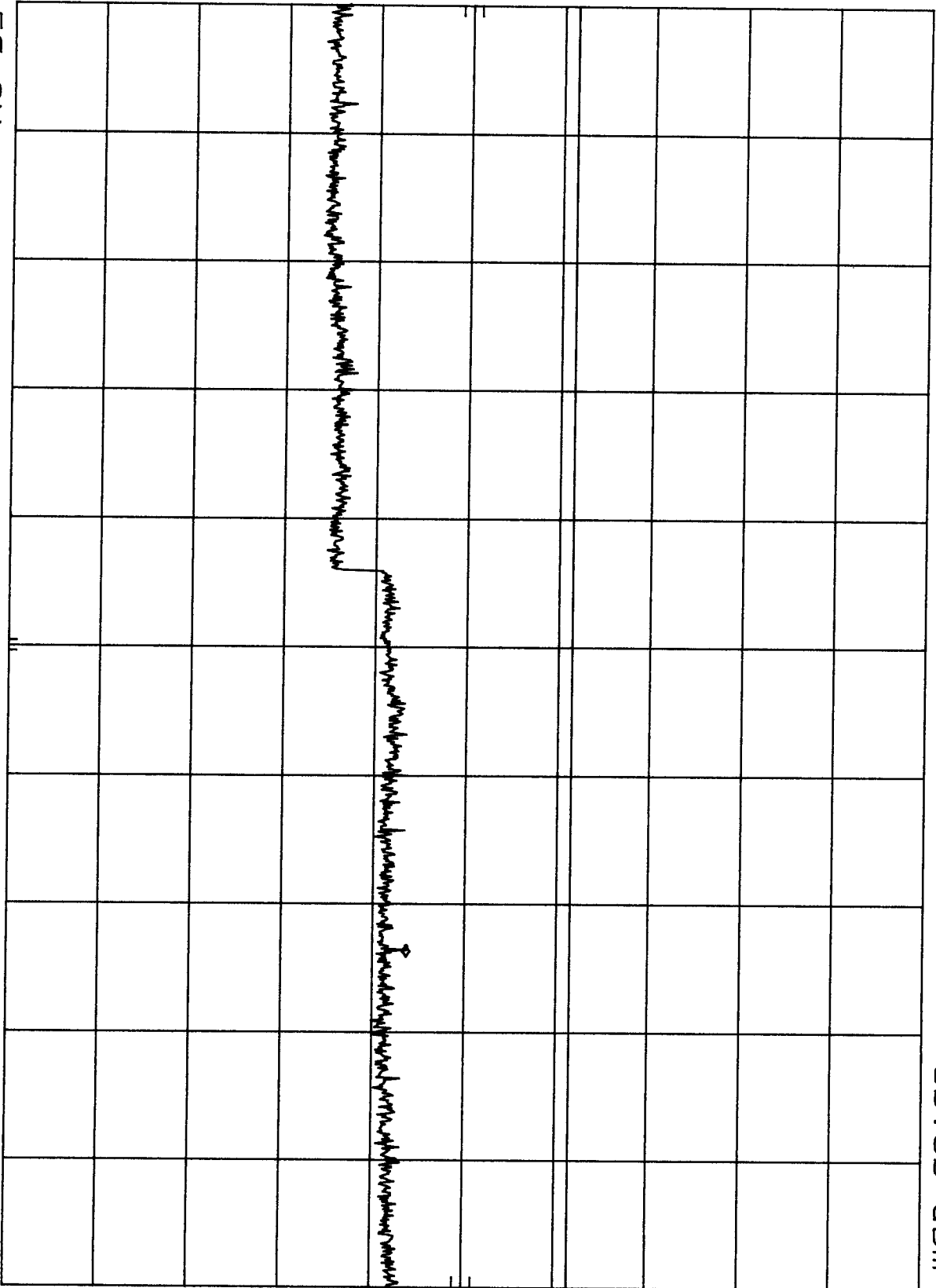
FCC ID A3LSCHA205 COND. SPURS FM Ch. 0799 MKR 8.020 GHz
hpo REF 25.5 dBm ATTEN 40 dB -30.80 dBm

10 dB/

POS PK

OFFSET
1.4
dB

DL
-13.0
dBm



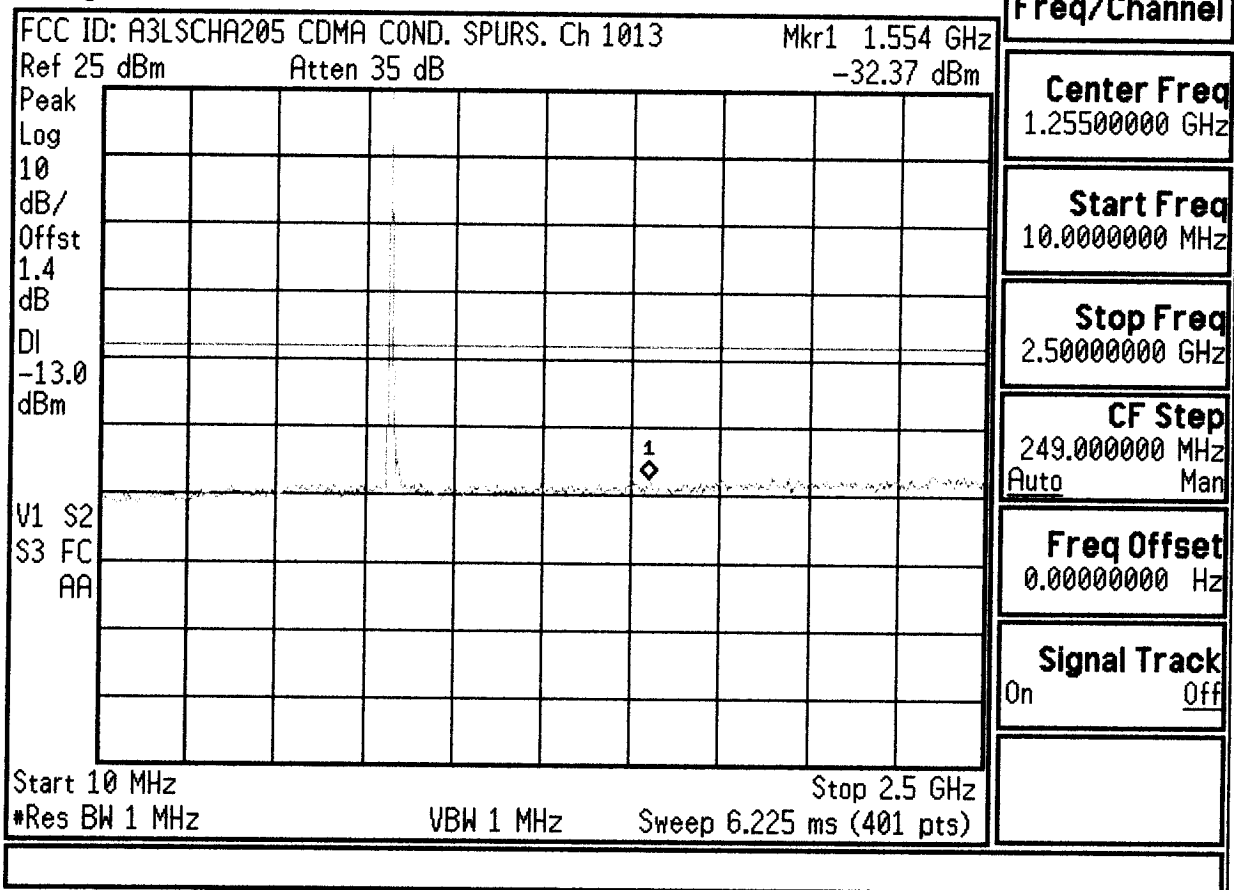
START 2.50 GHz STOP 10.00 GHz
RES BW 1 MHz VBW 1 MHz SWP 188 msec

FCC ID: A3LSCHA205 FM MODE
REF -60.0 dBm #ATTEN 10 dB PG 26.0 dB

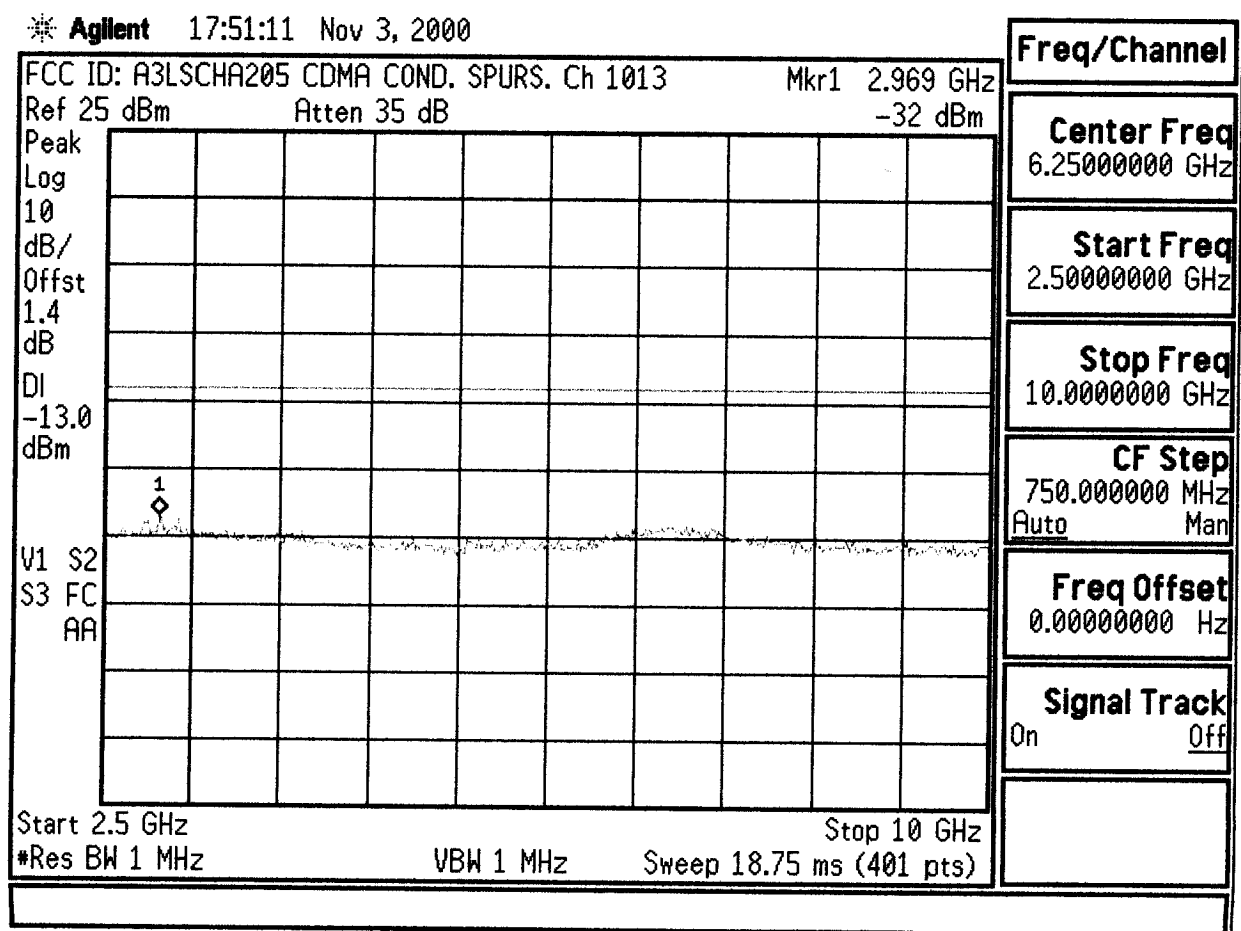
[illegible]

```
START 869.00 MHz
#RES BW 100 KHZ
#VBW 100 KHZ
STOP 894.00 MHz
SWP 20 msec
```

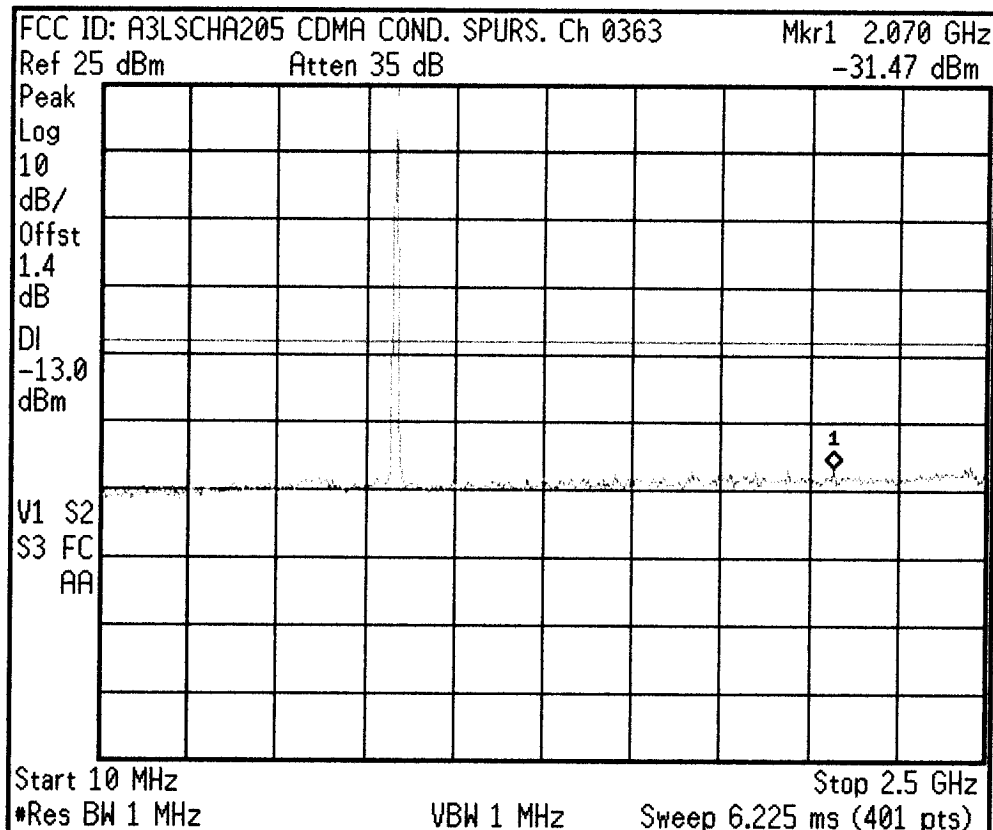
* Agilent 17:47:08 Nov 3, 2000



* Agilent 17:51:11 Nov 3, 2000

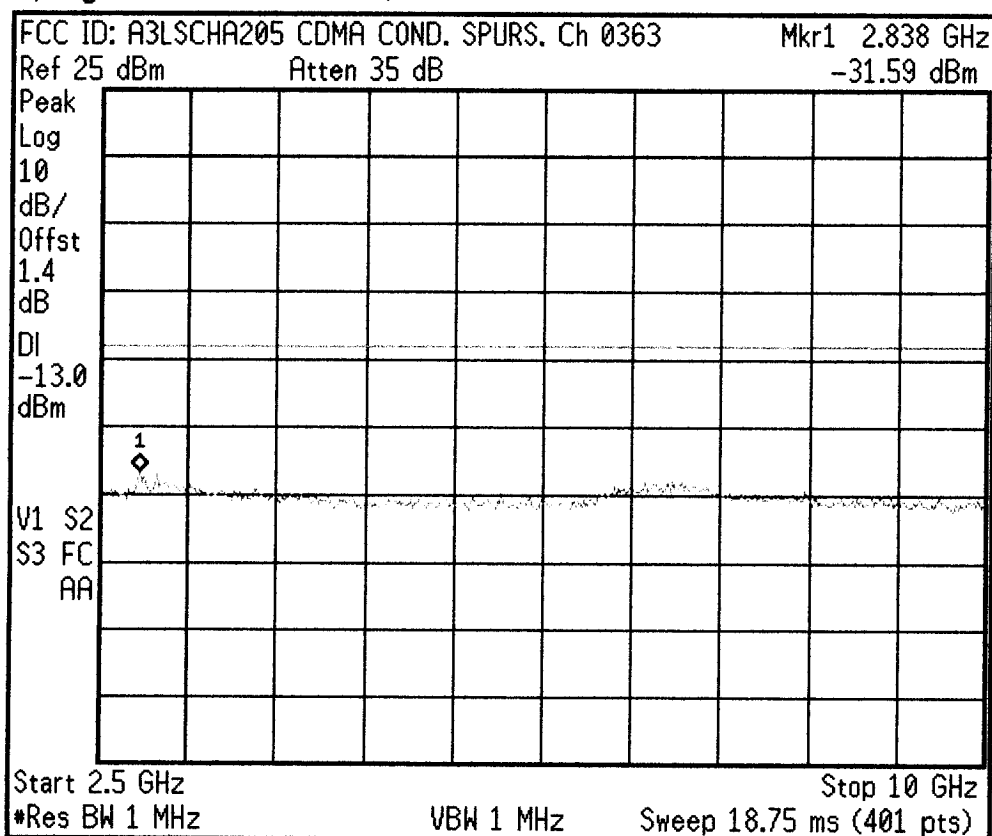


Agilent 17:43:38 Nov 3, 2000



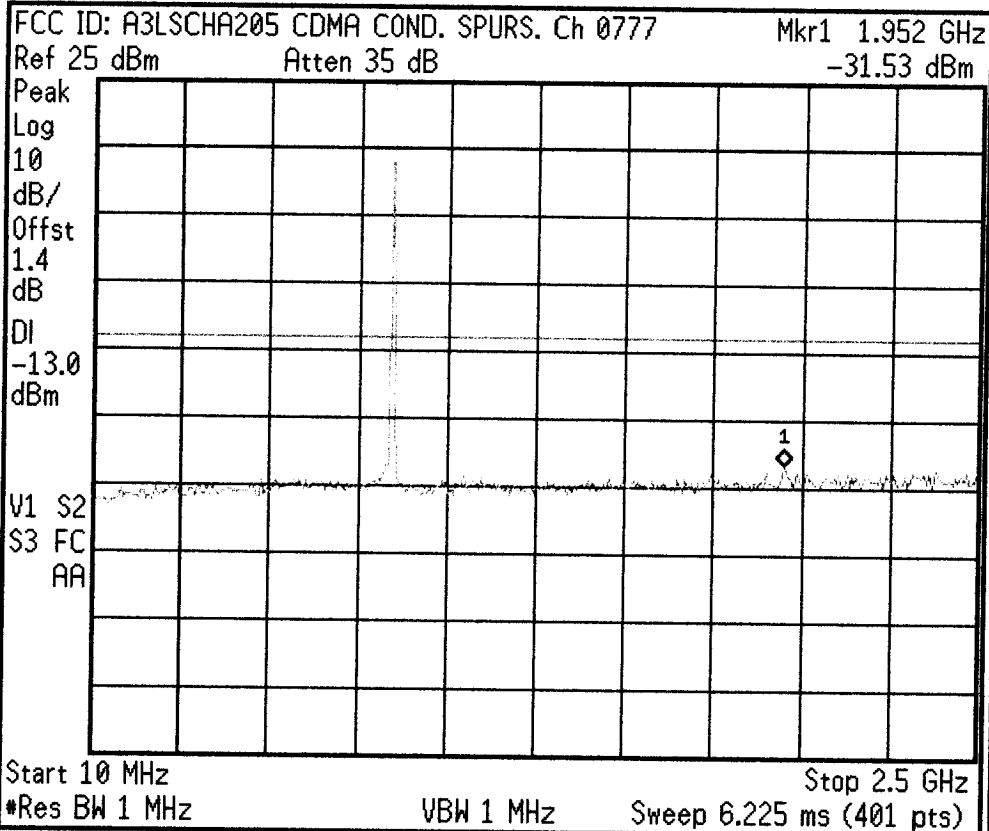
Freq/Channel
Center Freq 1.25500000 GHz
Start Freq 10.0000000 MHz
Stop Freq 2.50000000 GHz
CF Step 249.000000 MHz Auto Man
Freq Offset 0.00000000 Hz
Signal Track On Off

Agilent 17:44:43 Nov 3, 2000



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 17:40:26 Nov 3, 2000



Freq/Channel

Center Freq
1.25500000 GHz

Start Freq
10.0000000 MHz

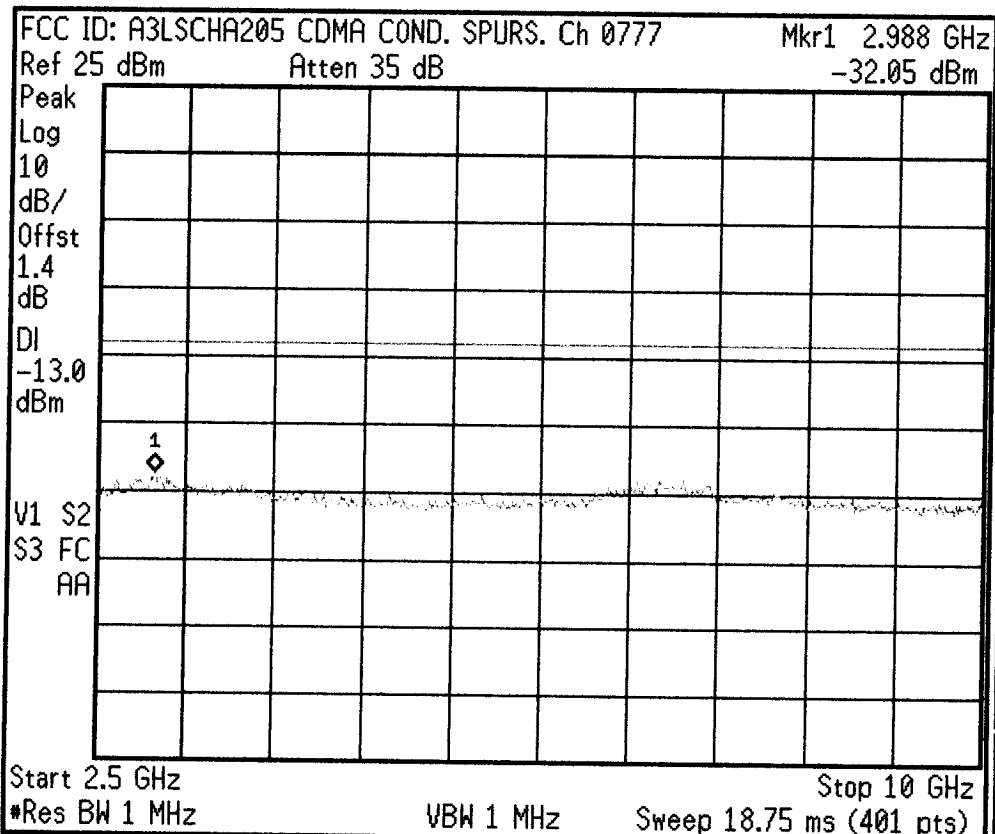
Stop Freq
2.50000000 GHz

CF Step
249.000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

* Agilent 17:42:18 Nov 3, 2000



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 17:54:52 Nov 3, 2000

FCC ID: A3LSCHA205 CDMA POWER OUT Ch 1013

Ref 25 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 17:56:16 Nov 3, 2000

FCC ID: A3LSCHA205 CDMA POWER OUT Ch 0777

Ref 25 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

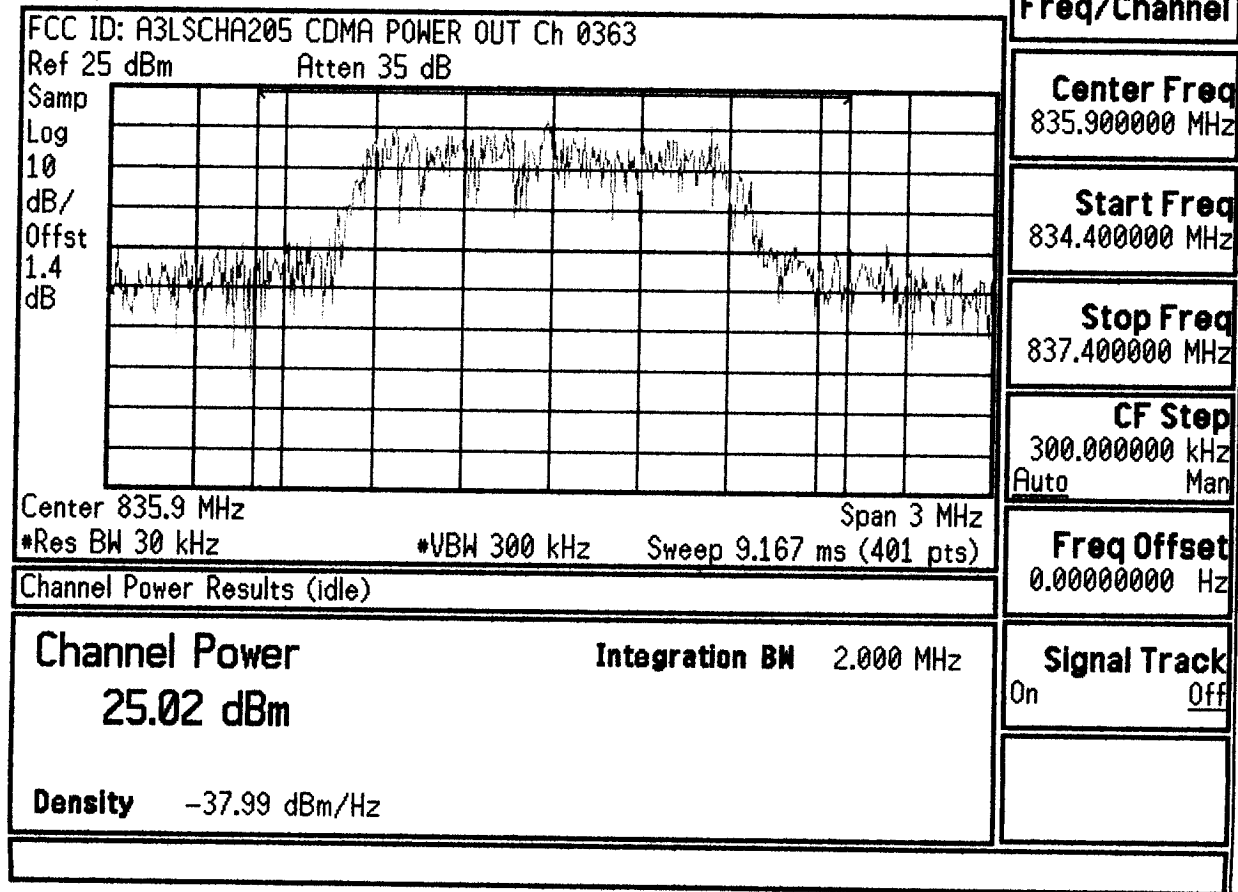
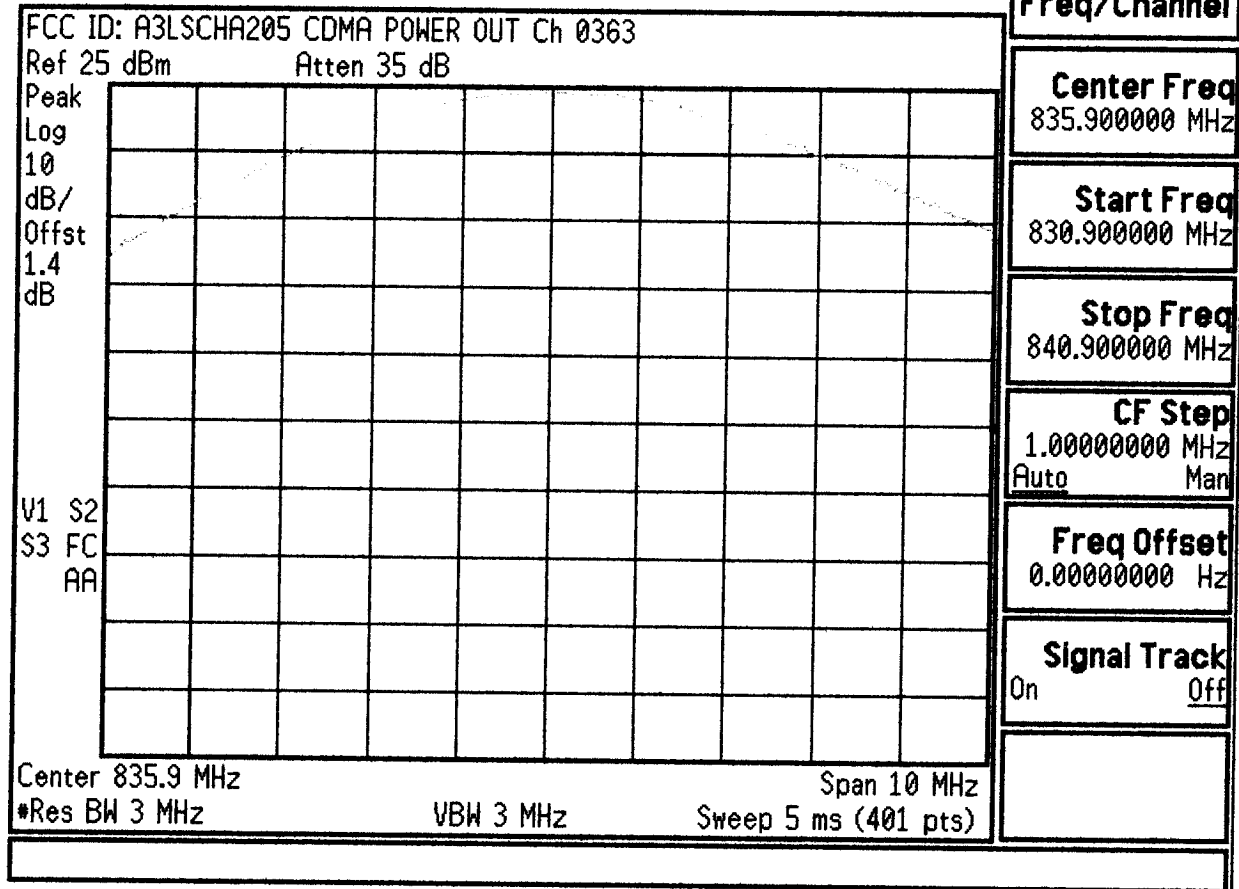
1.00000000 MHz
Auto Man

Freq Offset

0.00000000 Hz

Signal Track

On Off



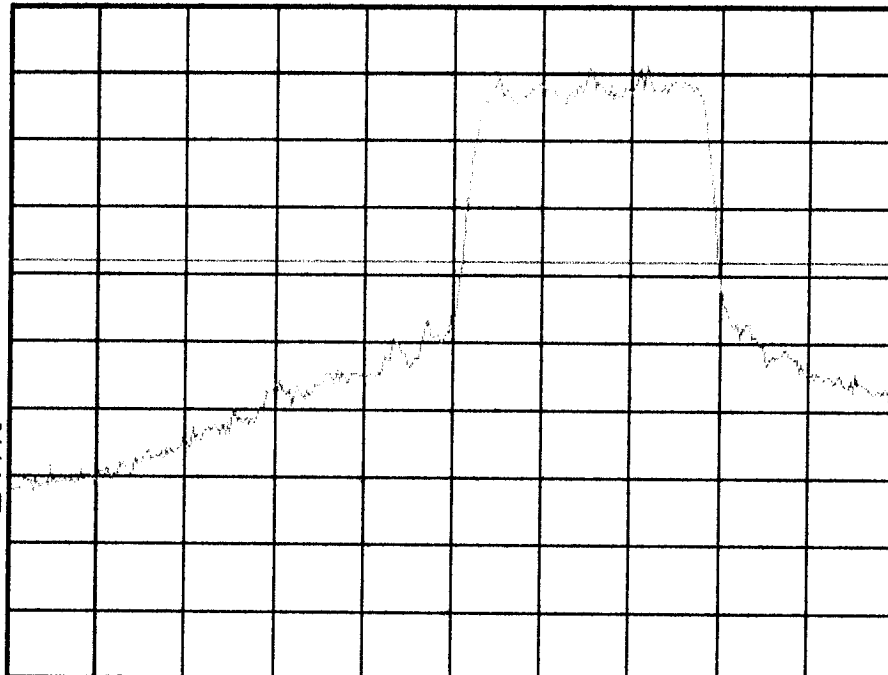
* Agilent 17:26:26 Nov 3, 2000

FCC ID: A3LSCHA205 CDMA BAND EDGE Ch 1013

Ref 25 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

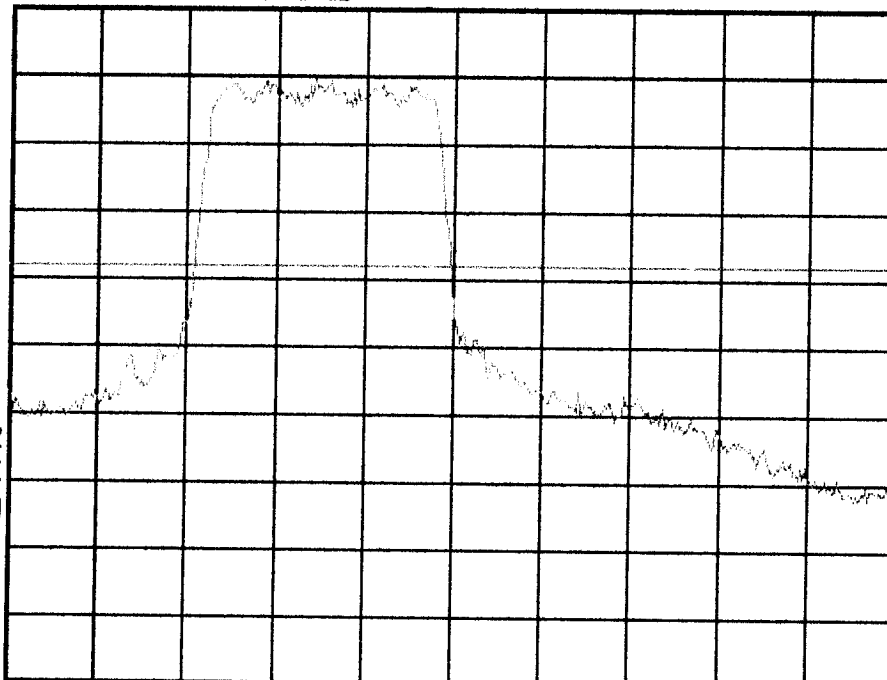
* Agilent 17:29:27 Nov 3, 2000

FCC ID: A3LSCHA205 CDMA BAND EDGE Ch 0777

Ref 25 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

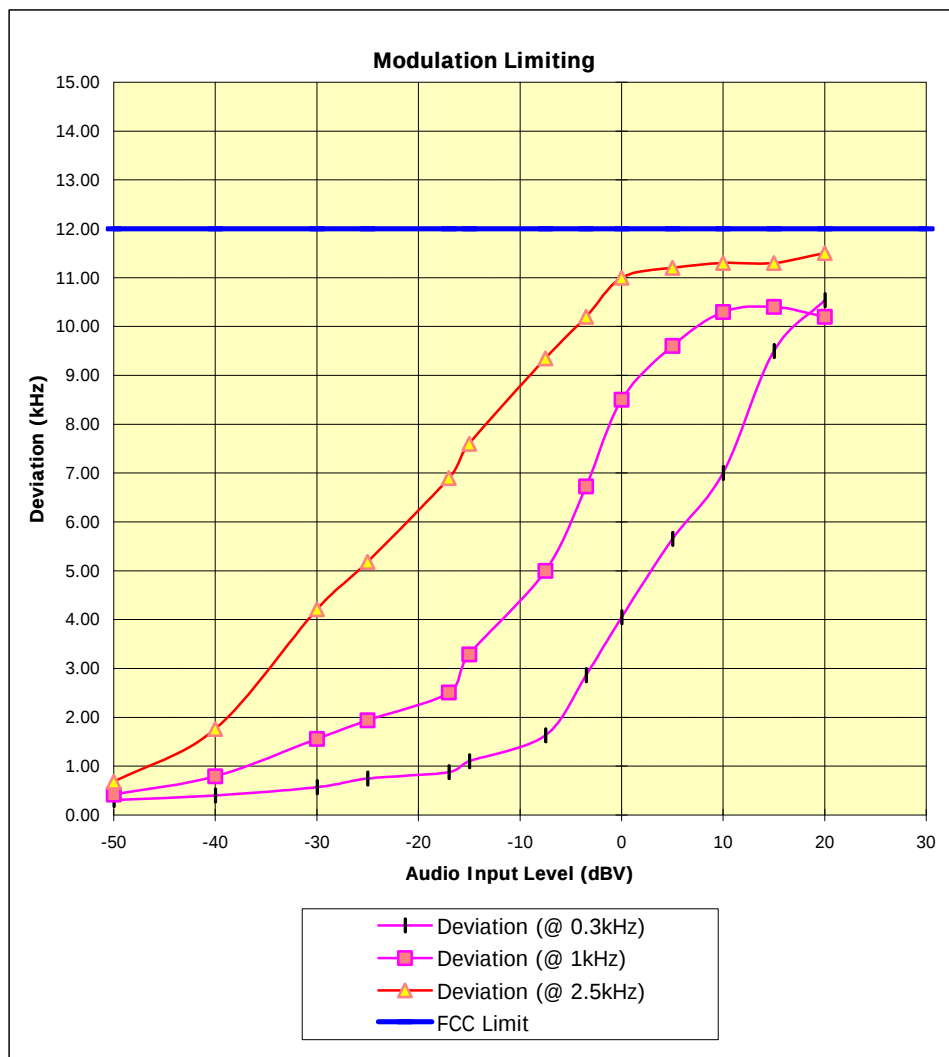
Test Report No.: 22.201023533.A3L
Test Date: 10.26.2000

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

Model: SCH-A205

FCC ID: A3LSCHA205

MODE: Audio 1V = 0dB @ 2.5 kHz



PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

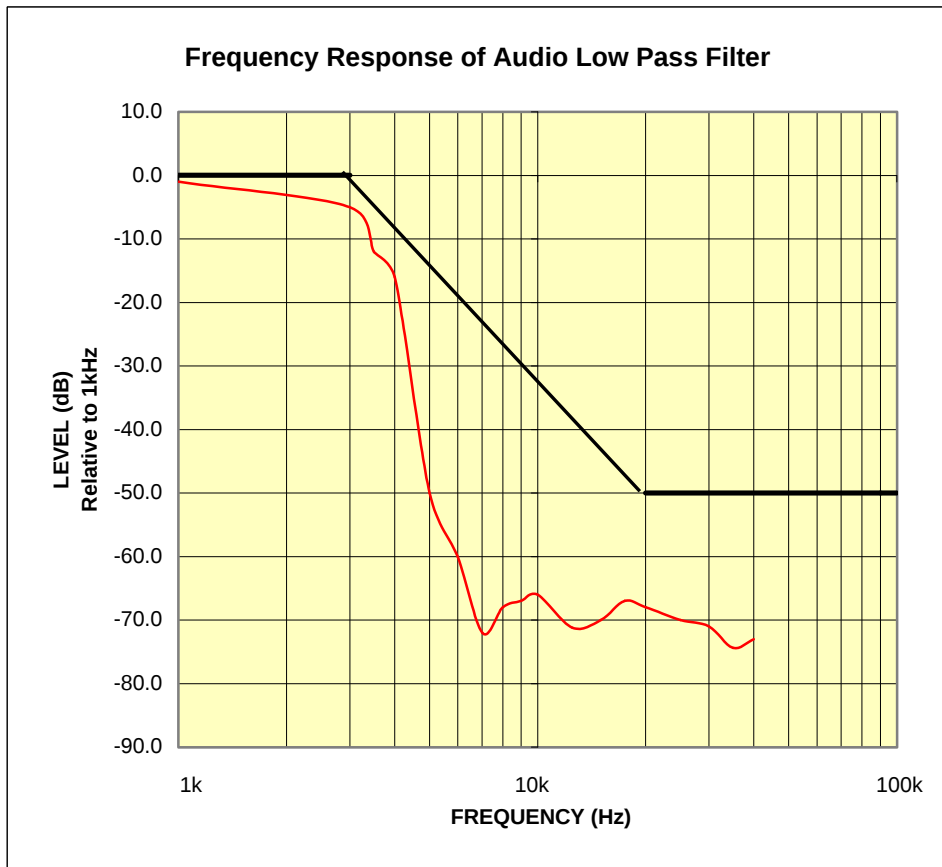
Test Report No.: 22.201023533.A3L
Test Date: 10.26.2000

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

Model: SCH-A205

FCC ID: A3LSCHA205

REFERENCE: 1 kHz = 0 dB



PCTEST Engineering Lab., Inc.

SUBJECT: Modulation Characteristics
FCC Part 22

Test Report No.: 22.201023533.A3L
Test Date: 10.26.2000

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

Model: SCH-A205

FCC ID: A3LSCHA205

REFERENCE: 1 kHz = 0 dB

