

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH411

SAMSUNG DUAL MODE PHONE

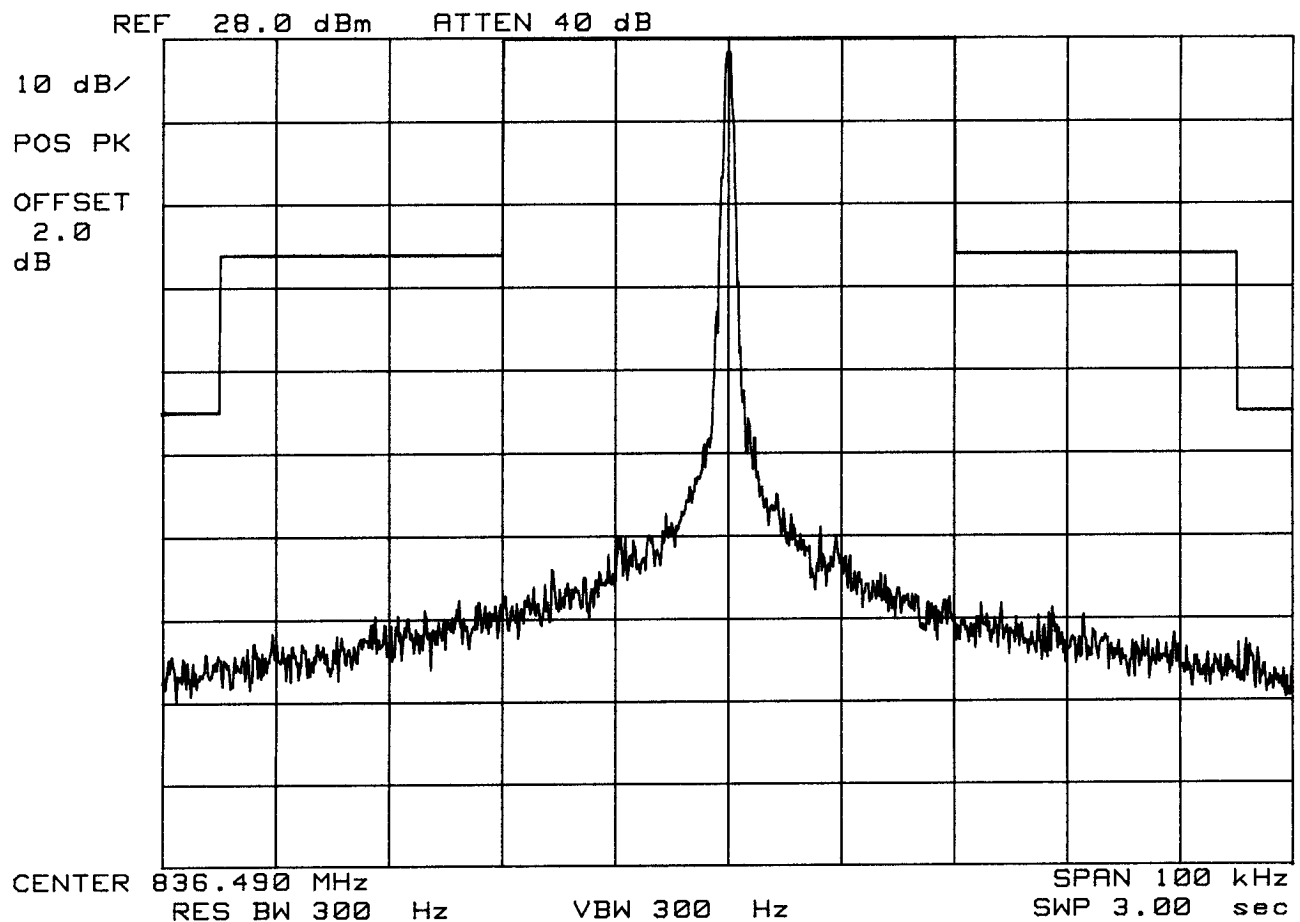
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH411

SAMSUNG DUAL MODE PHONE

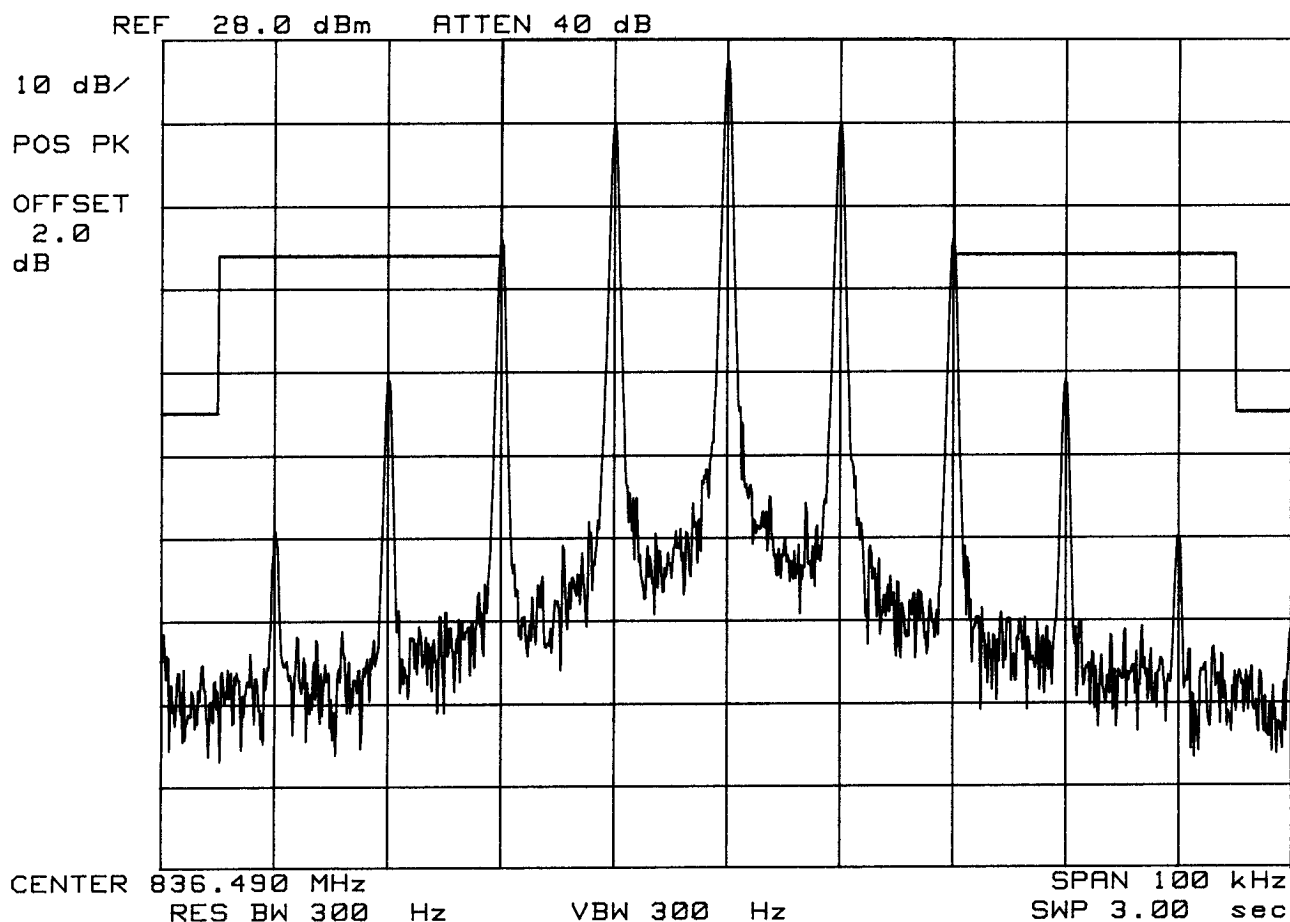
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH411

SAMSUNG DUAL MODE PHONE

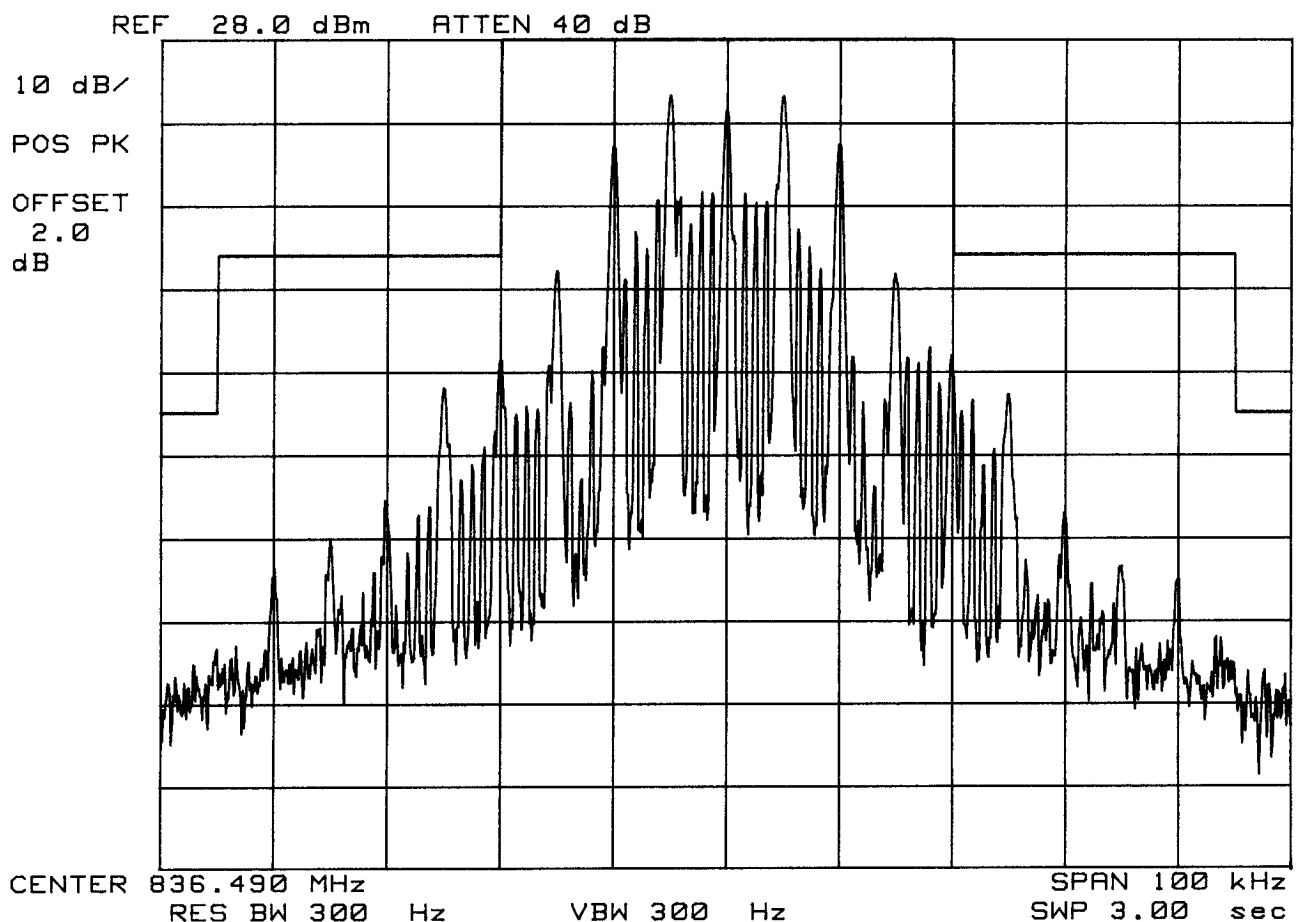
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:Wide Band Data



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH411

SAMSUNG DUAL MODE PHONE

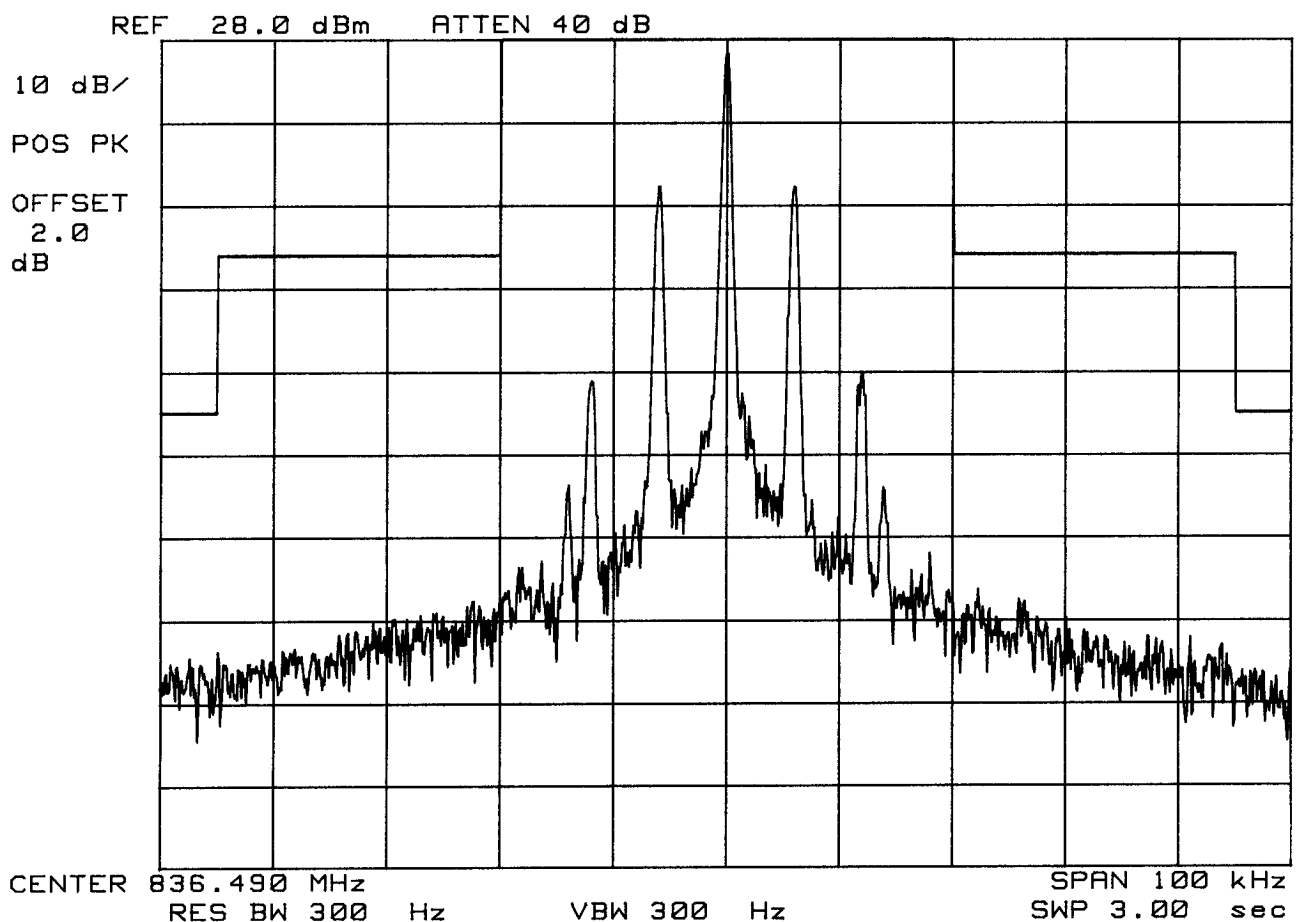
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:SAT



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH411

SAMSUNG DUAL MODE PHONE

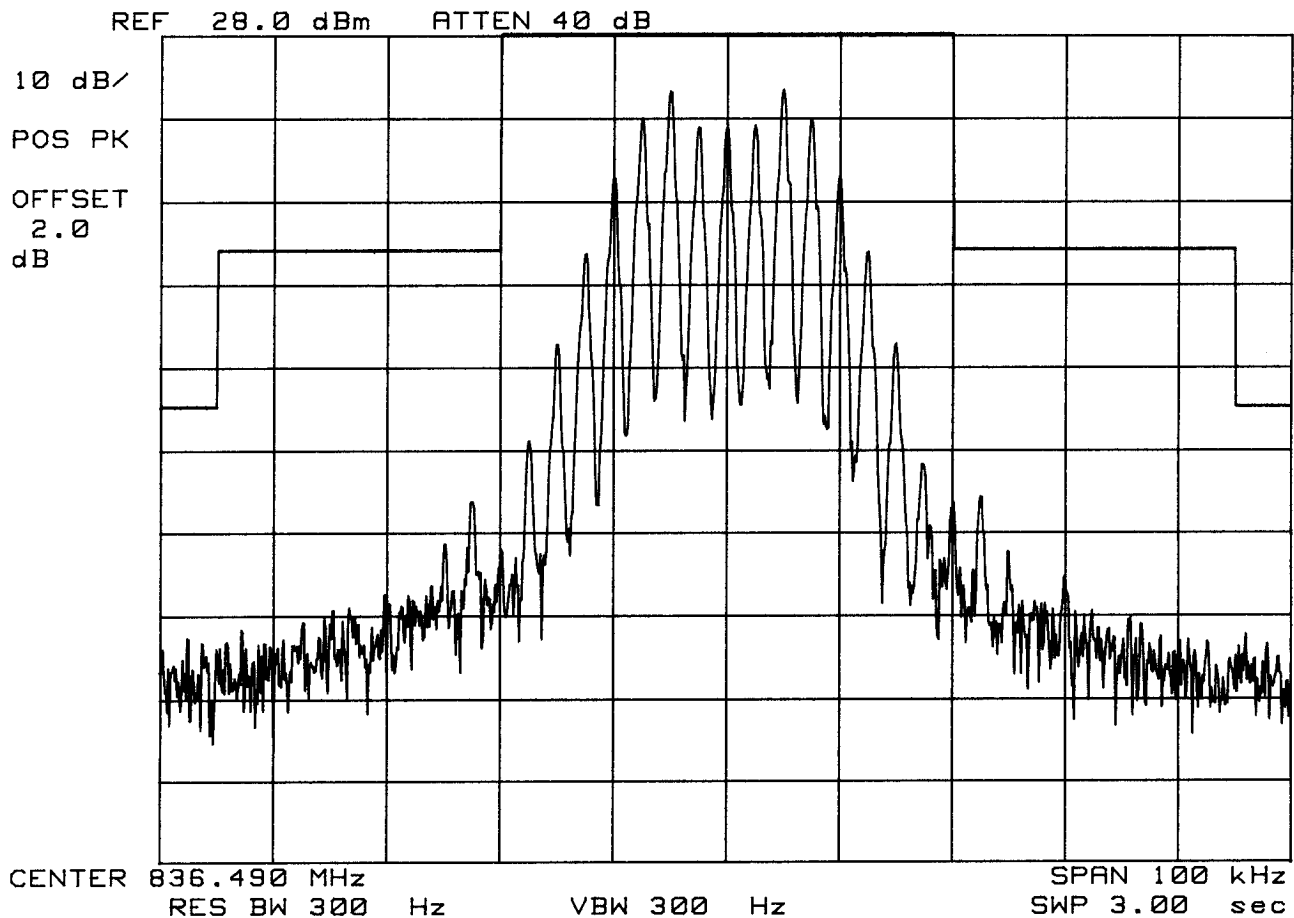
CH-383

FM MODE

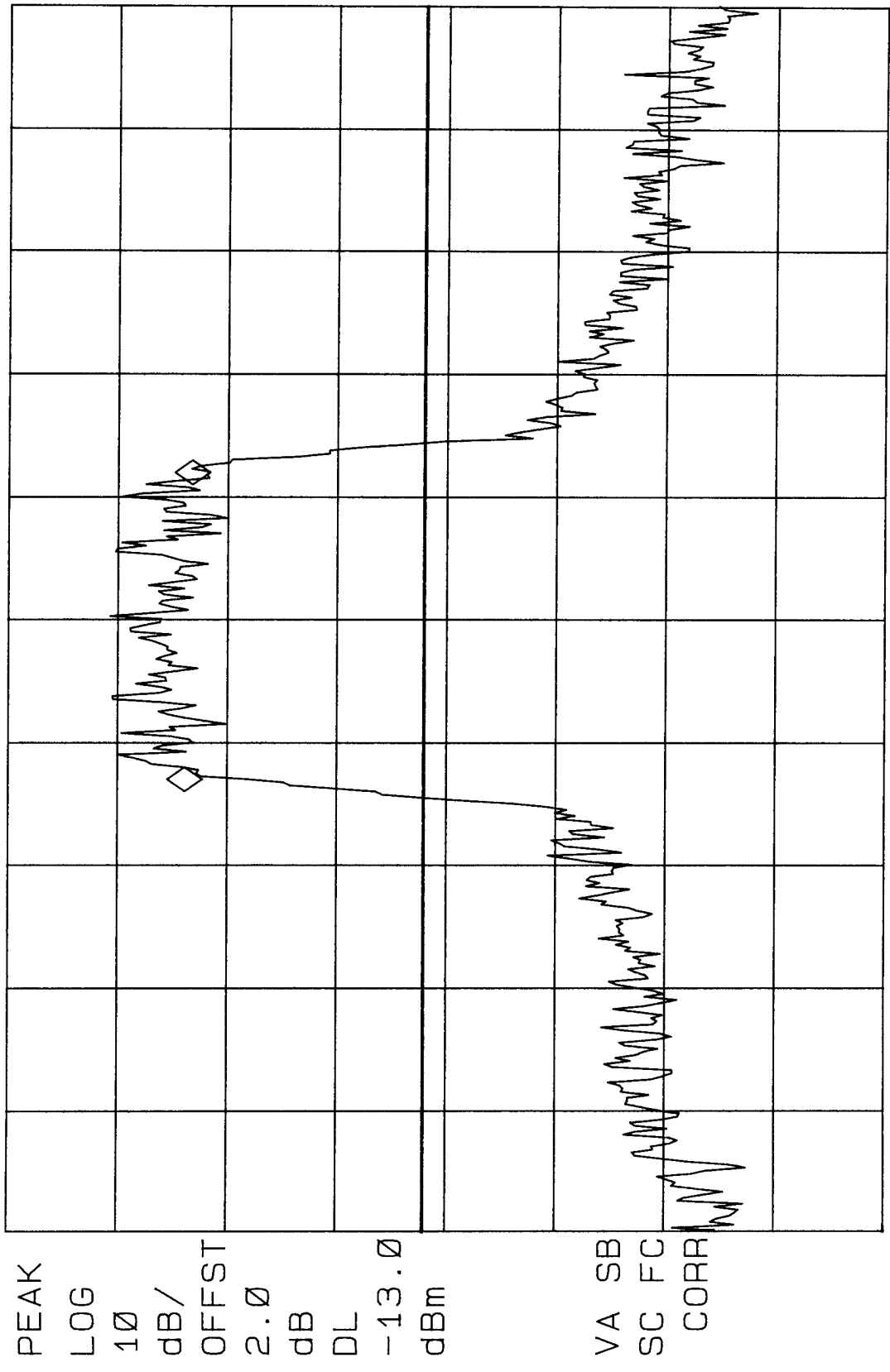
Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:Voice



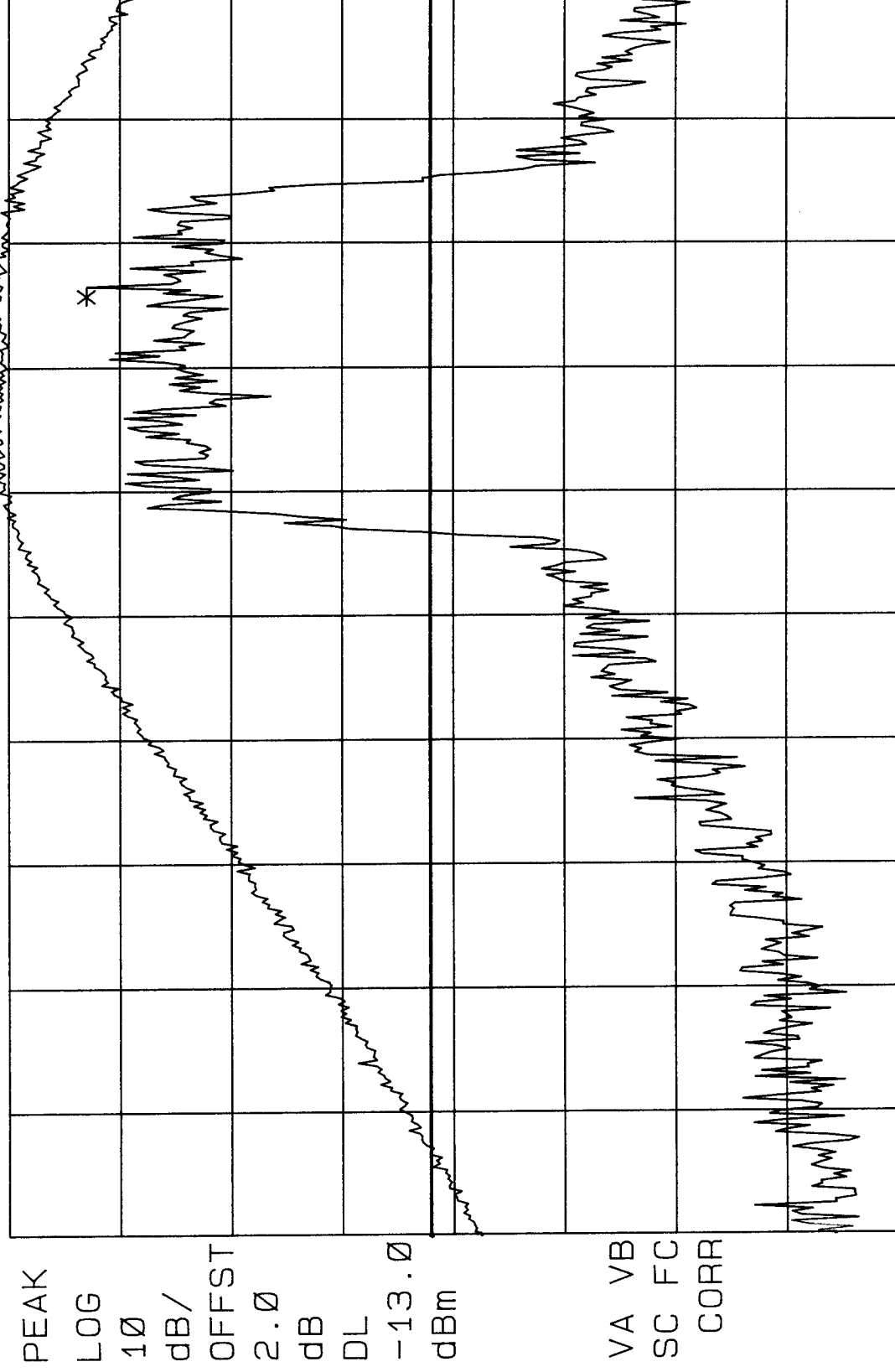
FCC ID: A3LSCH411 99% Pwr BW MKR Δ 1.250 MHz
REF 25.0 dBm ATTN 40 dB - .62 dB



CENTER 848.365 MHz SPAN 5.000 MHz
#RES BW 30 KHZ #VBW 30 KHZ SWP 20 msec

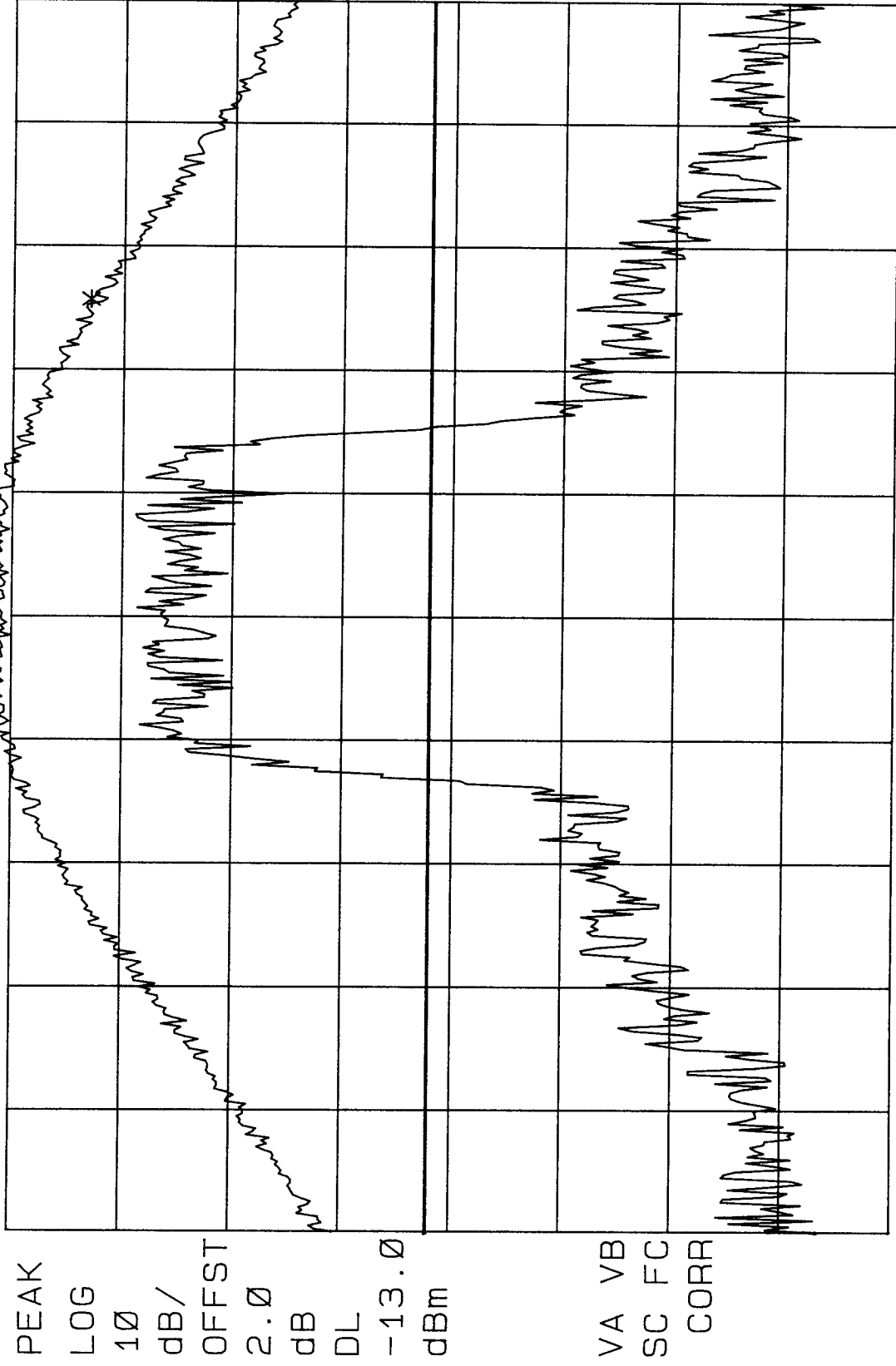
FCC ID: A3LSCH411 Ch.Low

REF 25.0 dBm #ATTEN 40 dB



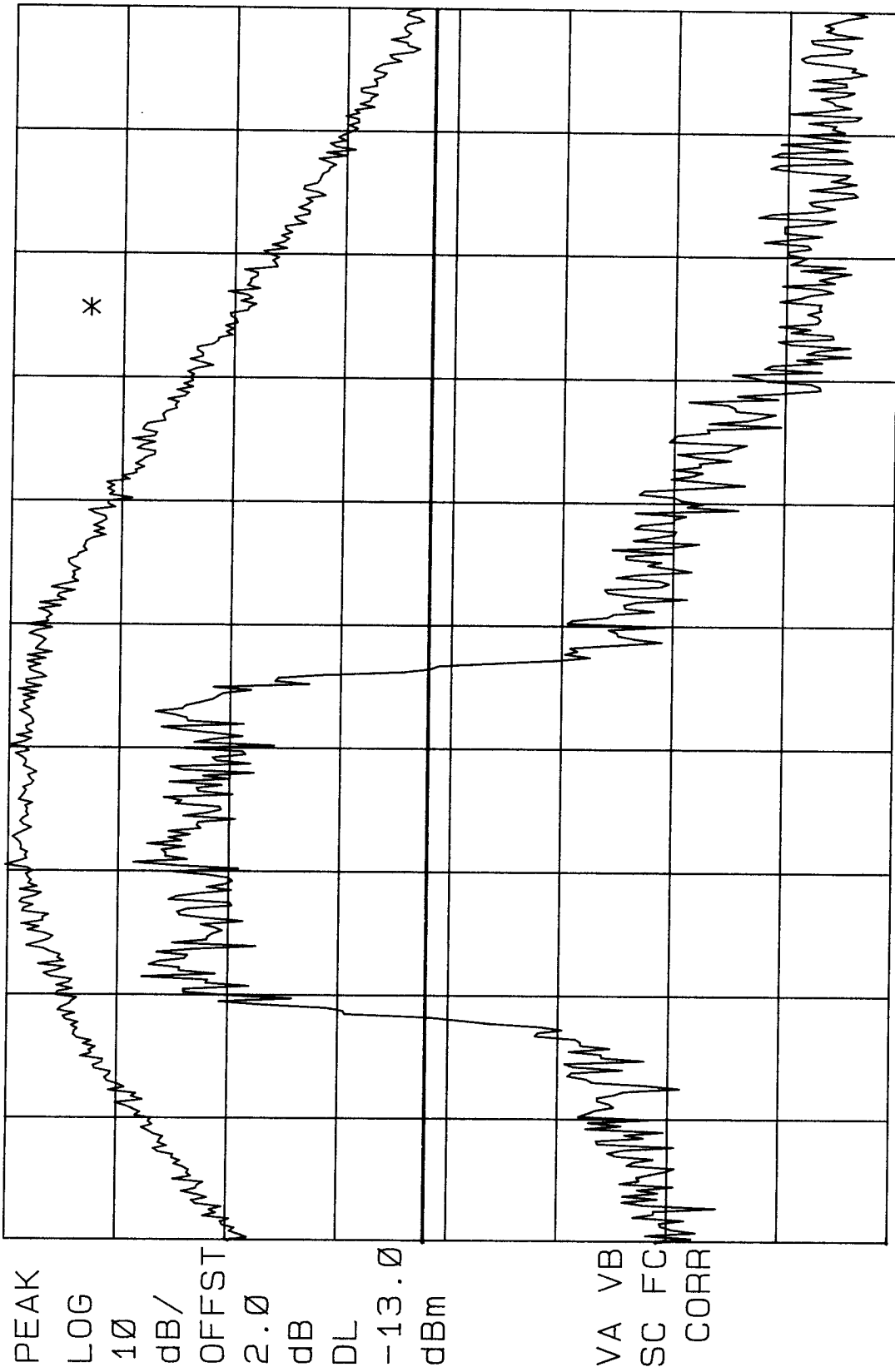
CENTER 824.000 MHz SPAN 5.000 MHz
#RES BW 30 KHZ #VBW 30 KHZ SWP 20 msec

FCC ID: A3LSCH411 Ch.Med
REF 25.0 dBm #ATTEN 40 dB



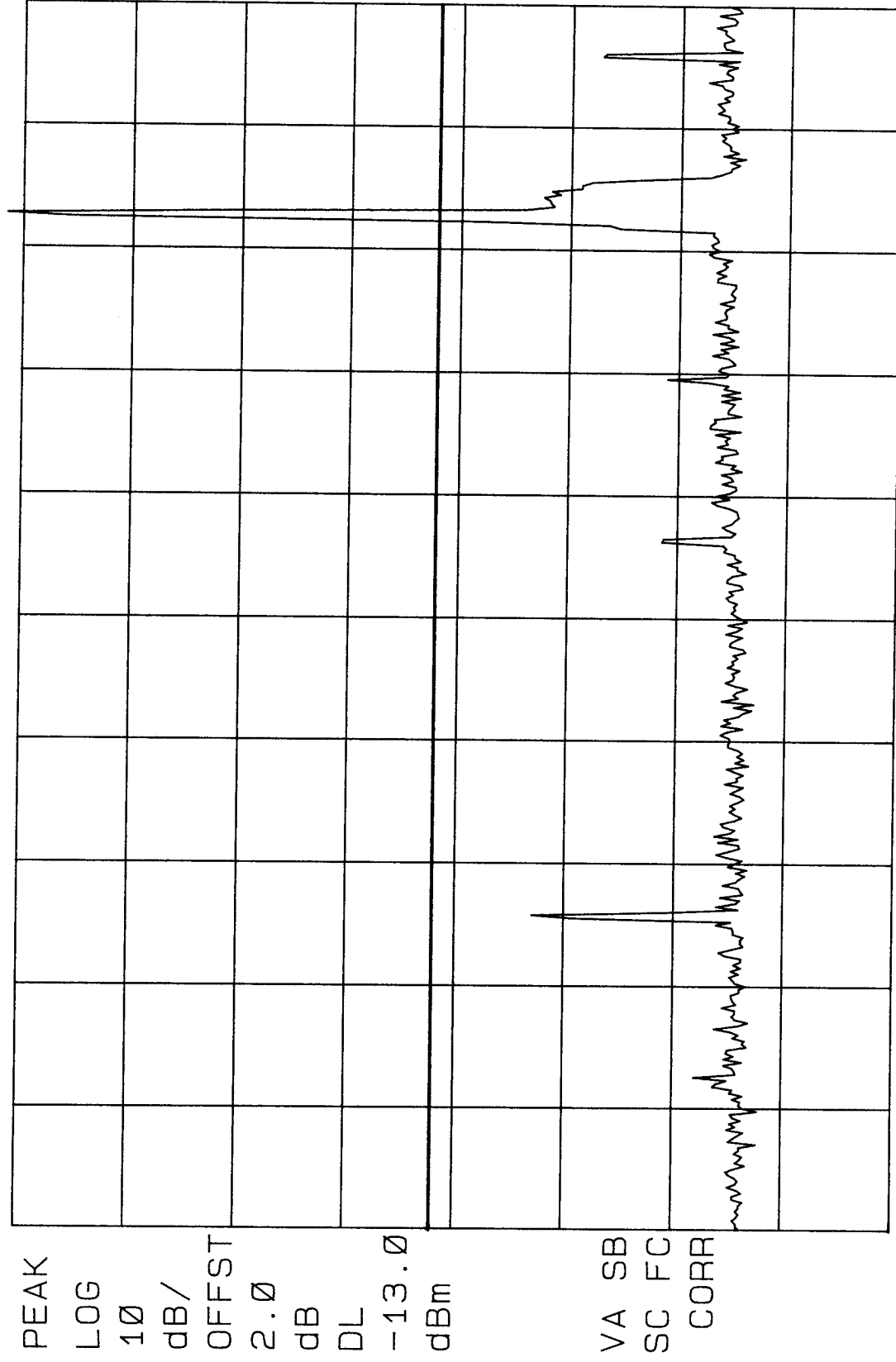
CENTER 836.000 MHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20 msec

FCC ID: A3LSCH411 Ch.High
REF 25.0 dBm #ATTEN 40 dB



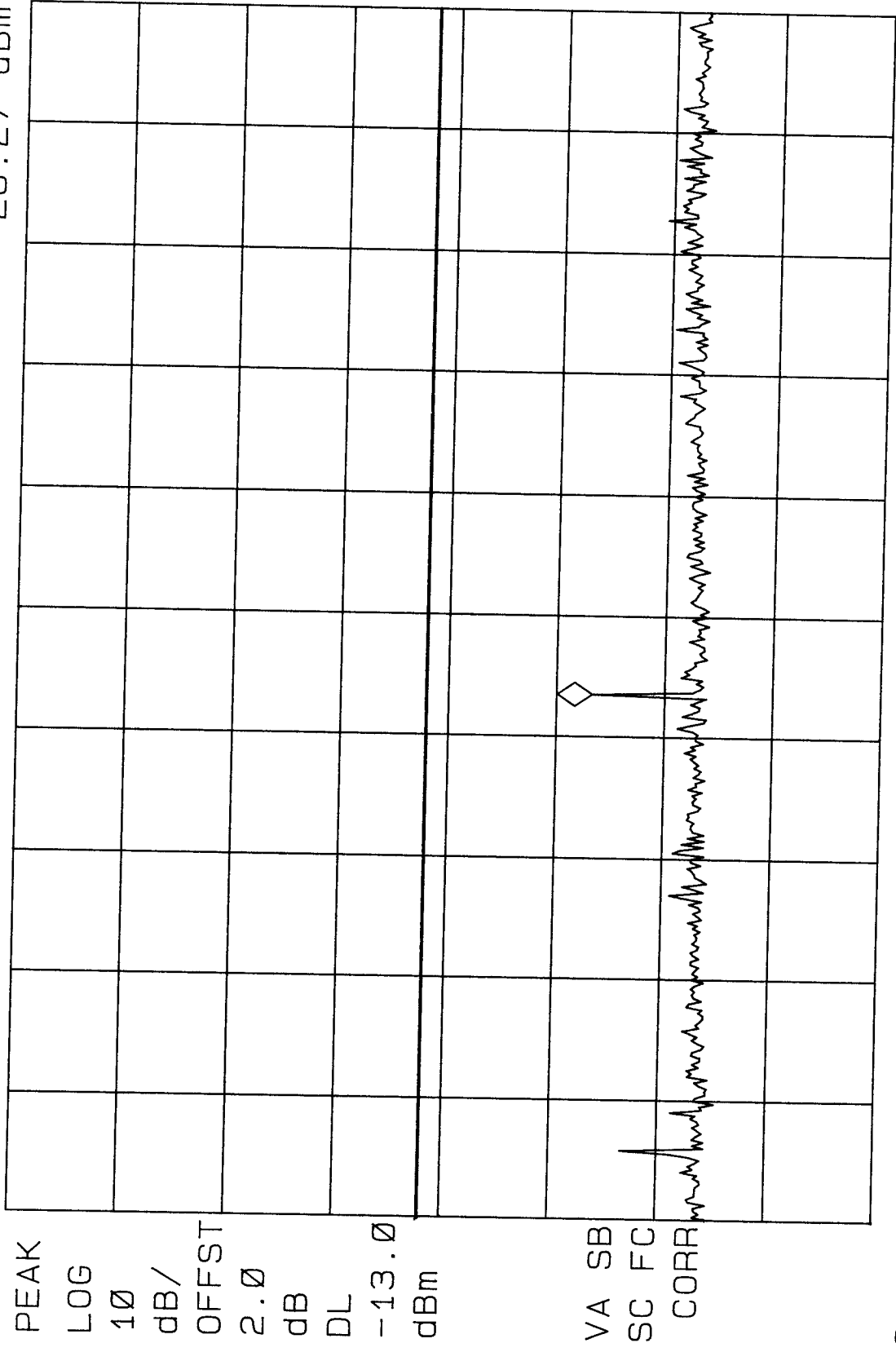
CENTER 848.970 MHz
#RES BW 30 KHZ
SPAN 5.000 MHz
#VBW 30 KHZ
SWP 20 msec

~~h~~ FCC ID: A3LSCH411 Ch.Low Cond.Spur.
REF 25.0 dBm #ATTEN 40 dB



START 10.0 MHz STOP 1.0000 GHz
#RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

FCC ID: A3LSCH411 Ch.Low Cond.Spur. MKR 1.653 GHz
REF 25.0 dBm #ATTEN 40 dB -28.27 dBm



START 1.000 GHz #RES BW 1.0 MHz STOP 2.500 GHz #VBW 1 MHz SWP 30 msec

FCC ID-A3LSCH411 Ch.Low Cond.Spur.
hpf REF 25.0 dBm ATTN 40 dB + 20 dB MKR 6.610 GHz
-28.60 dBm

10 dB/

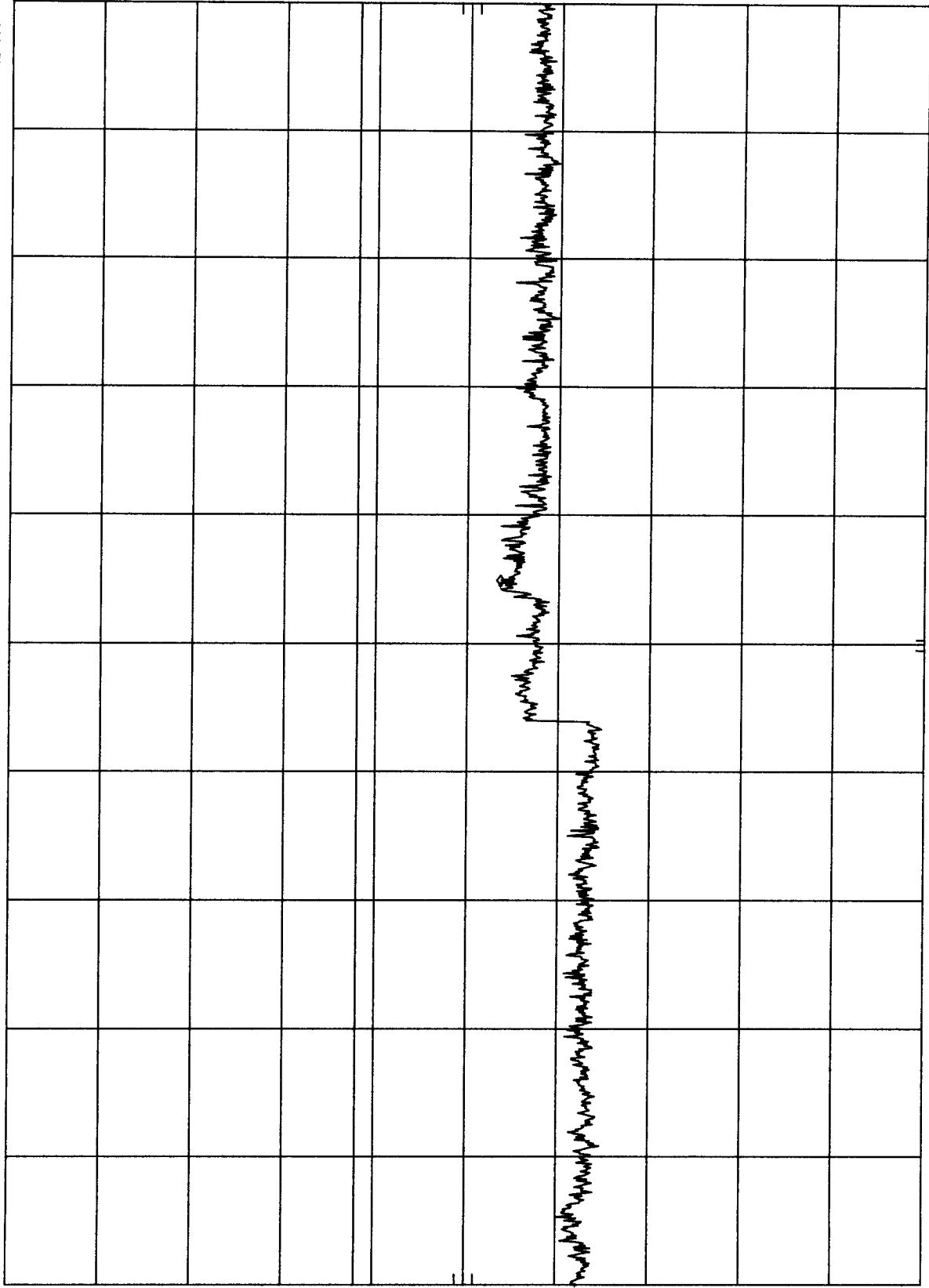
POS PK

OFFSET

2.0
dB

DL

-13.0
dBm



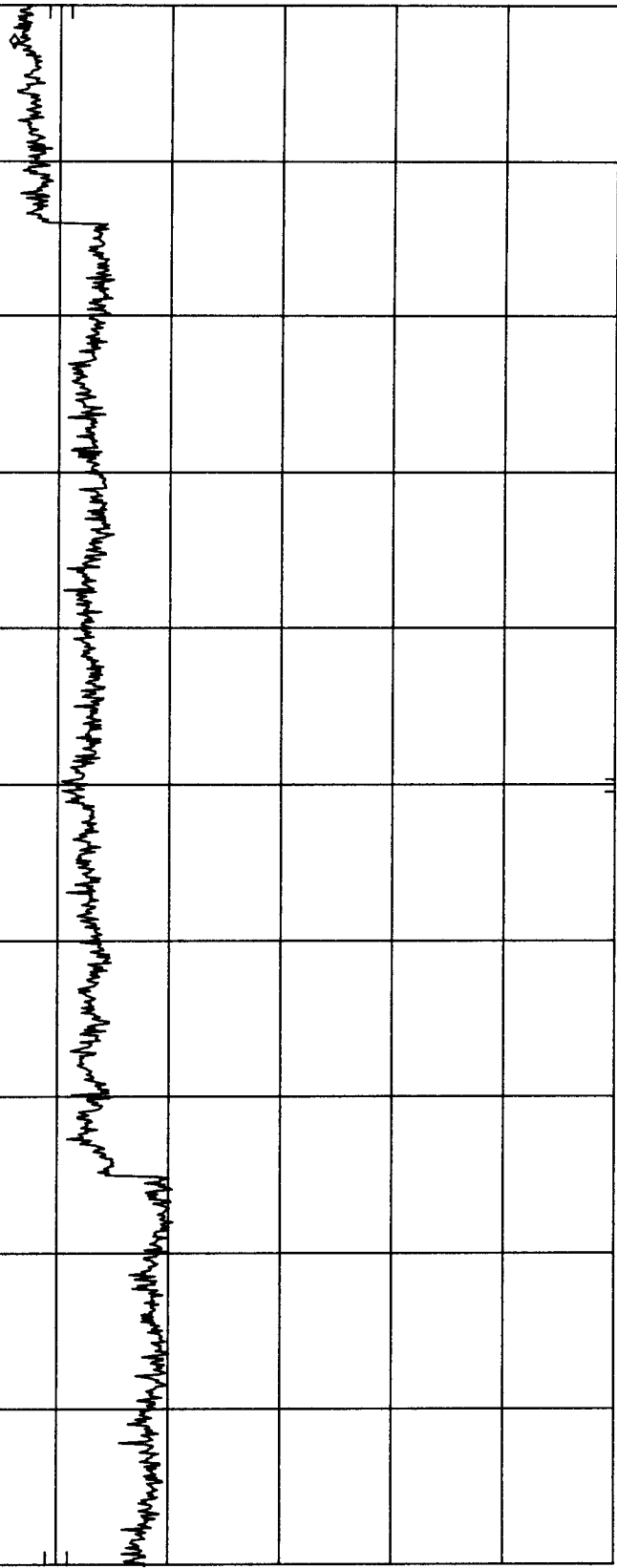
START 2.50 GHz RES BW 1 MHz (i) VBW 1 MHz STOP 10.00 GHz SWP 188 msec

MKR 19.76 GHz

ATTEN 40 dB + 20 dB

U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

[illegible][illegible]

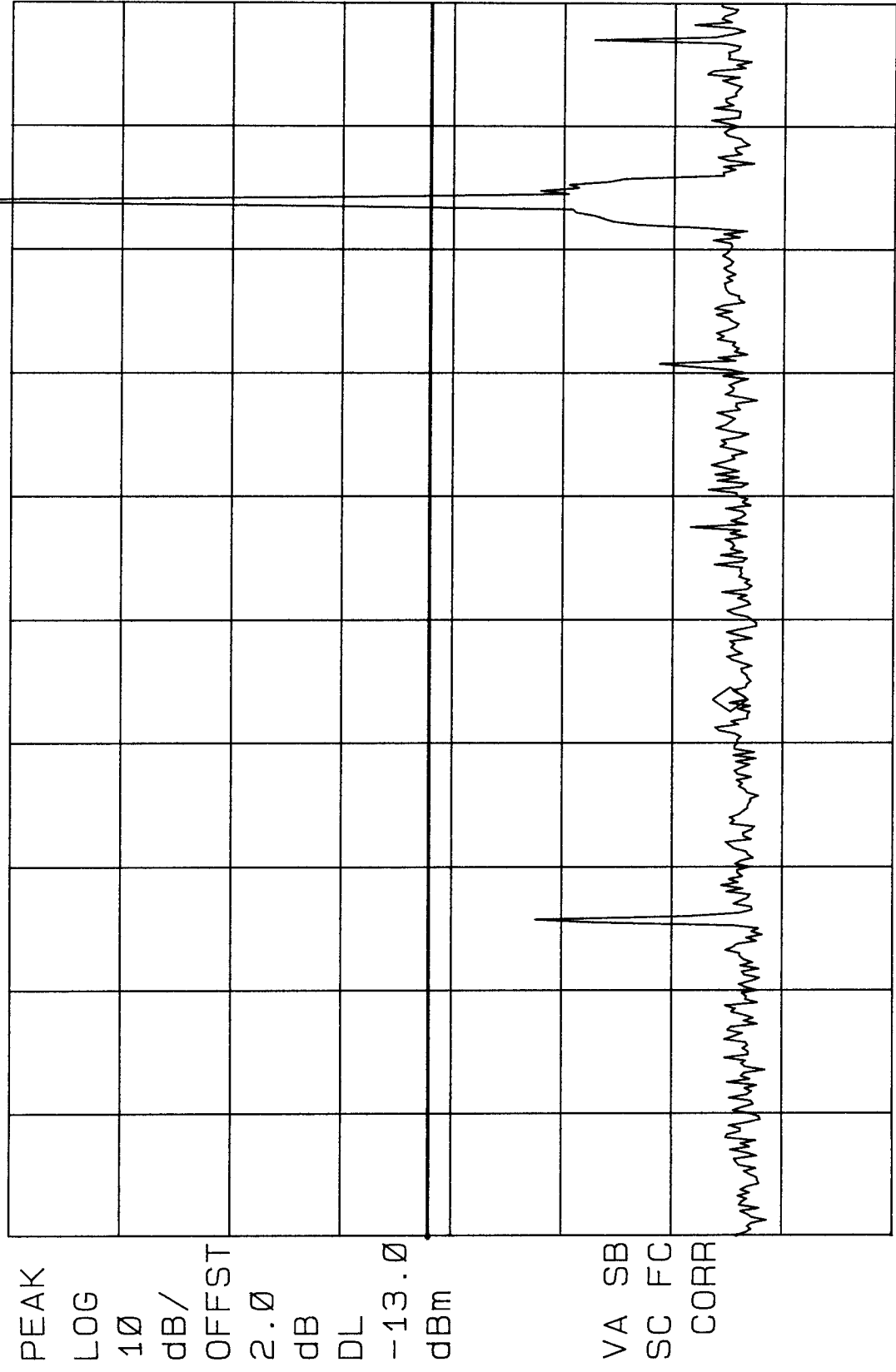
[illegible][illegible]

STOP 20.0 GHZ

VBW 1 MHz

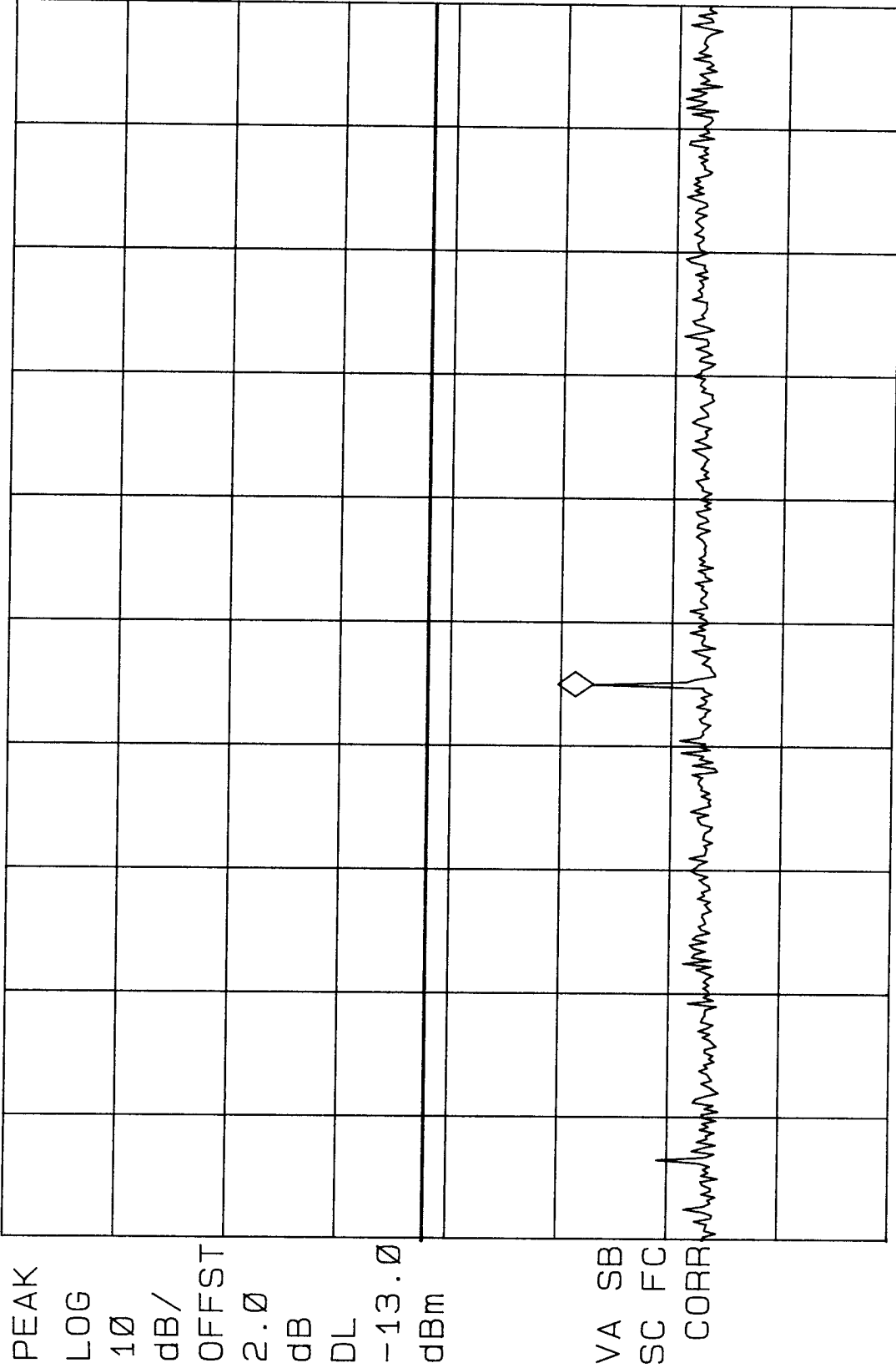
SWP 250 msec

FCC ID: A3LSCH411 Ch. Med Cond. Spur. MKR 440.7 MHz
REF 25.0 dBm #ATTEN 40 dB



START 10.0 MHz STOP 1.0000 GHz
#RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

FCC ID: A3LSCH411 Ch. Med Cond. Spur. MKR 1.675 GHz
REF 25.0 dBm #ATTEN 40 dB -27.90 dBm



START 1.000 GHz STOP 2.500 GHz
#RES BW 1.0 MHz #VBW 1 MHz SWP 30 msec

FCC ID-A3LSCH411 Ch.Med. Cond.Spur.
REF 25.0 dBm ATTEN 40 dB + 20 dB

MKR 6.783 GHz
-28.50 dBm

hp

10 dB/

POS PK

OFFSET

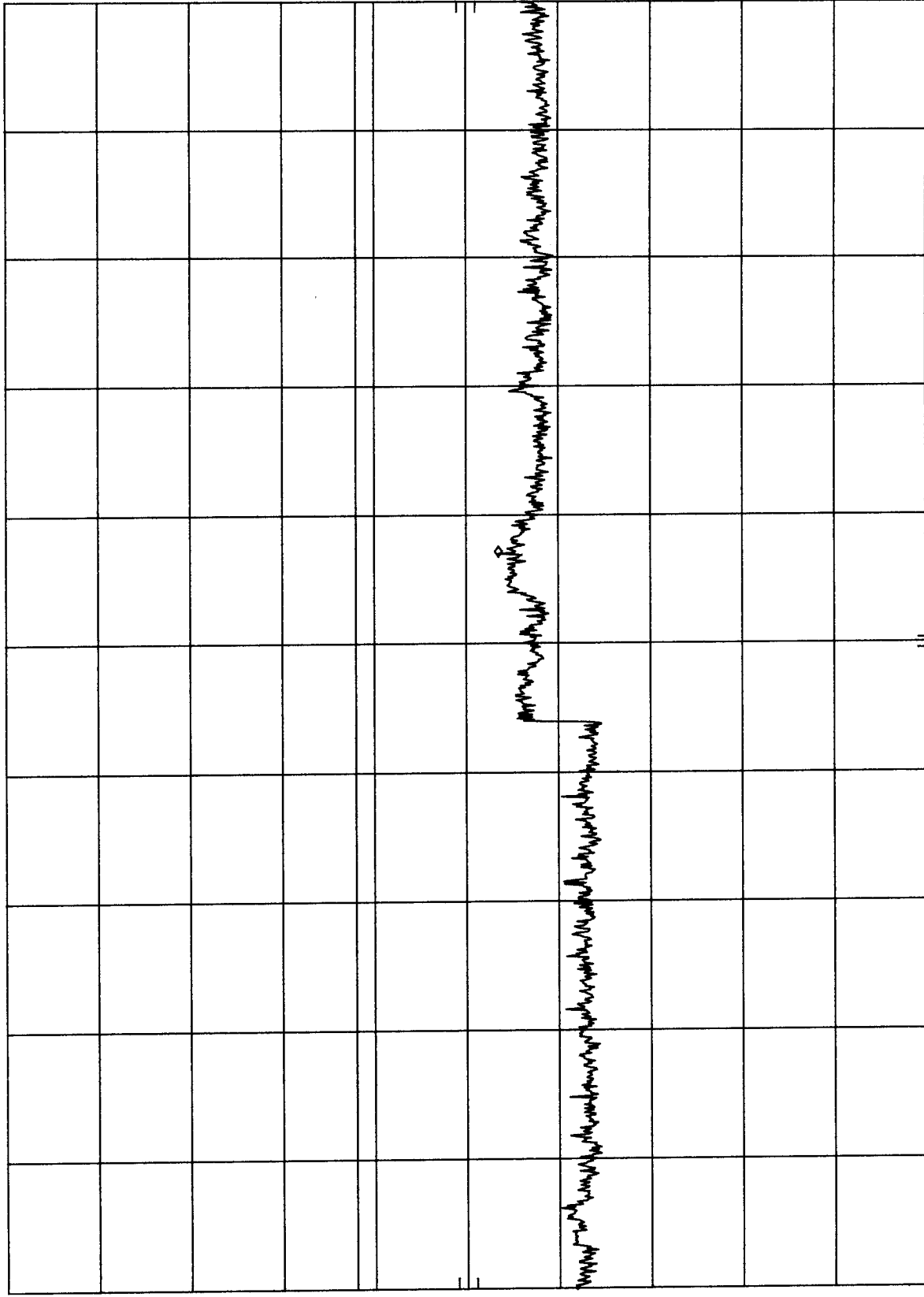
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

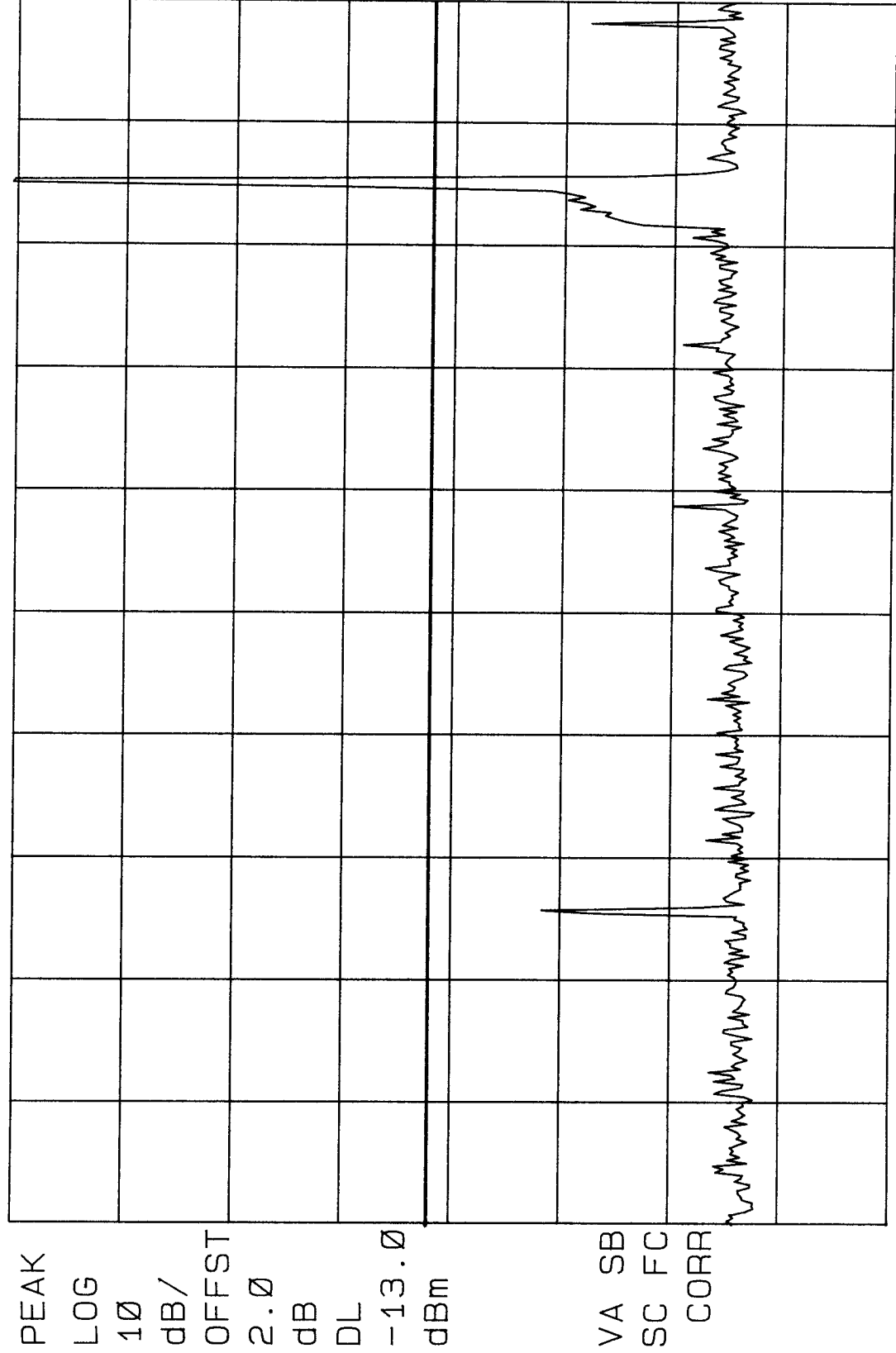
RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

~~AP~~ FCC ID: A3LSCH411 Ch.High Cond.Spur.
REF 25.0 dBm #ATTEN 40 dB



START 10.0 MHz STOP 1.0000 GHz
#RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

70	FCC ID: A3LSCH411	Ch. High	Cond. Spur.	MKR 1.109 GHz
	REF 25.0 dBm	#ATTEN 40 dB		-33.47 dBm

[illegible]

START	1.000	GHZ
#RES BW	1.0	MHZ
#VBW	1	MHZ
STOP	2.500	GHZ
SWP	30	msec

FCC ID-A3LSCH411 Ch.High Cond.Spur.
REF 25.0 dBm ATTN 40 dB + 20 dB

MKR 6.603 GHz
-27.80 dBm

HP

10 dB/

POS PK

OFFSET

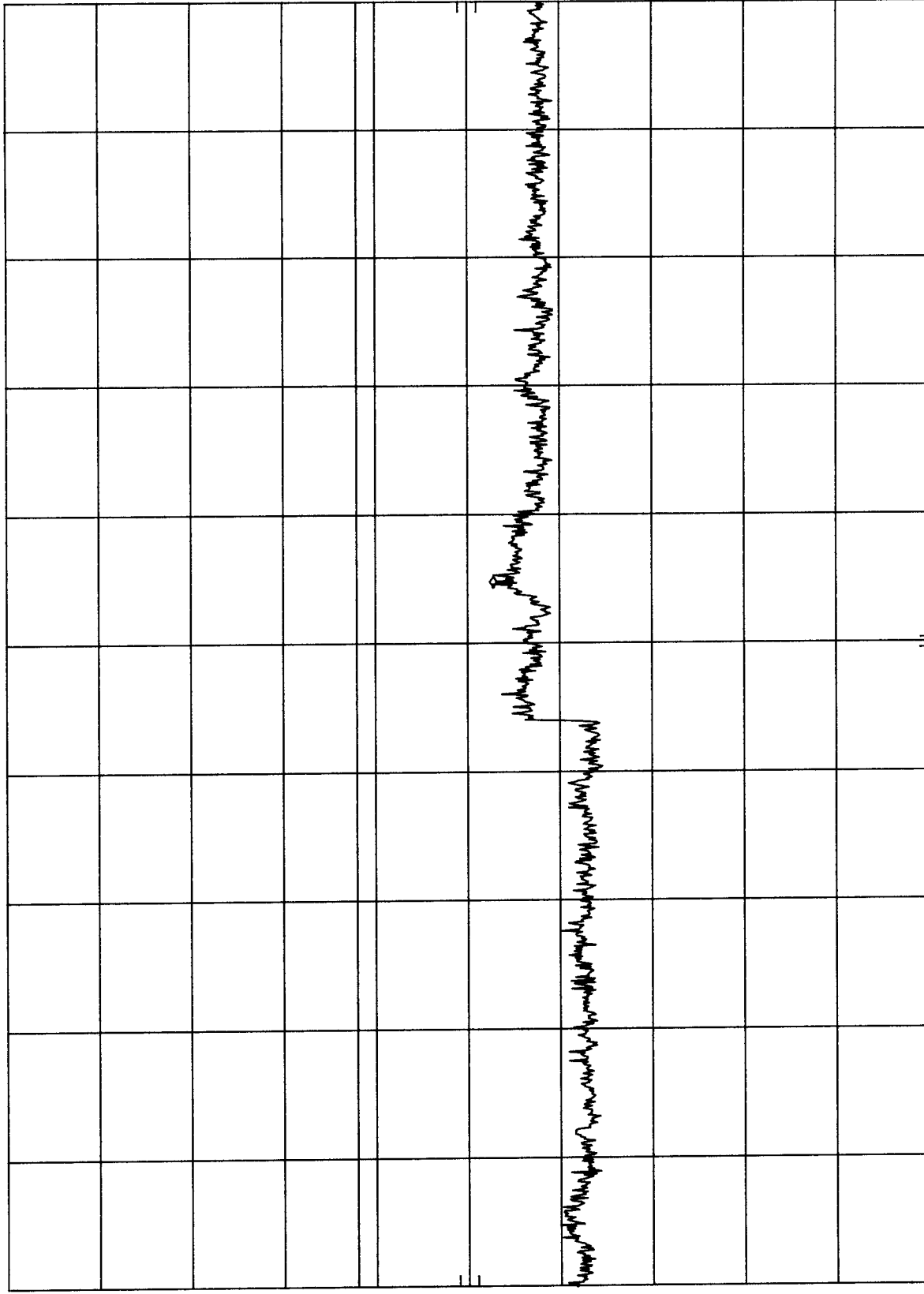
2.0

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

FCC ID-A3LSCH411 Ch.High Cond.Spur.
REF 25.0 dBm ATTN 40 dB + 20 dB MKR 19.86 GHz
-20.20 dBm

HP

10 dB/

POS PK

OFFSET

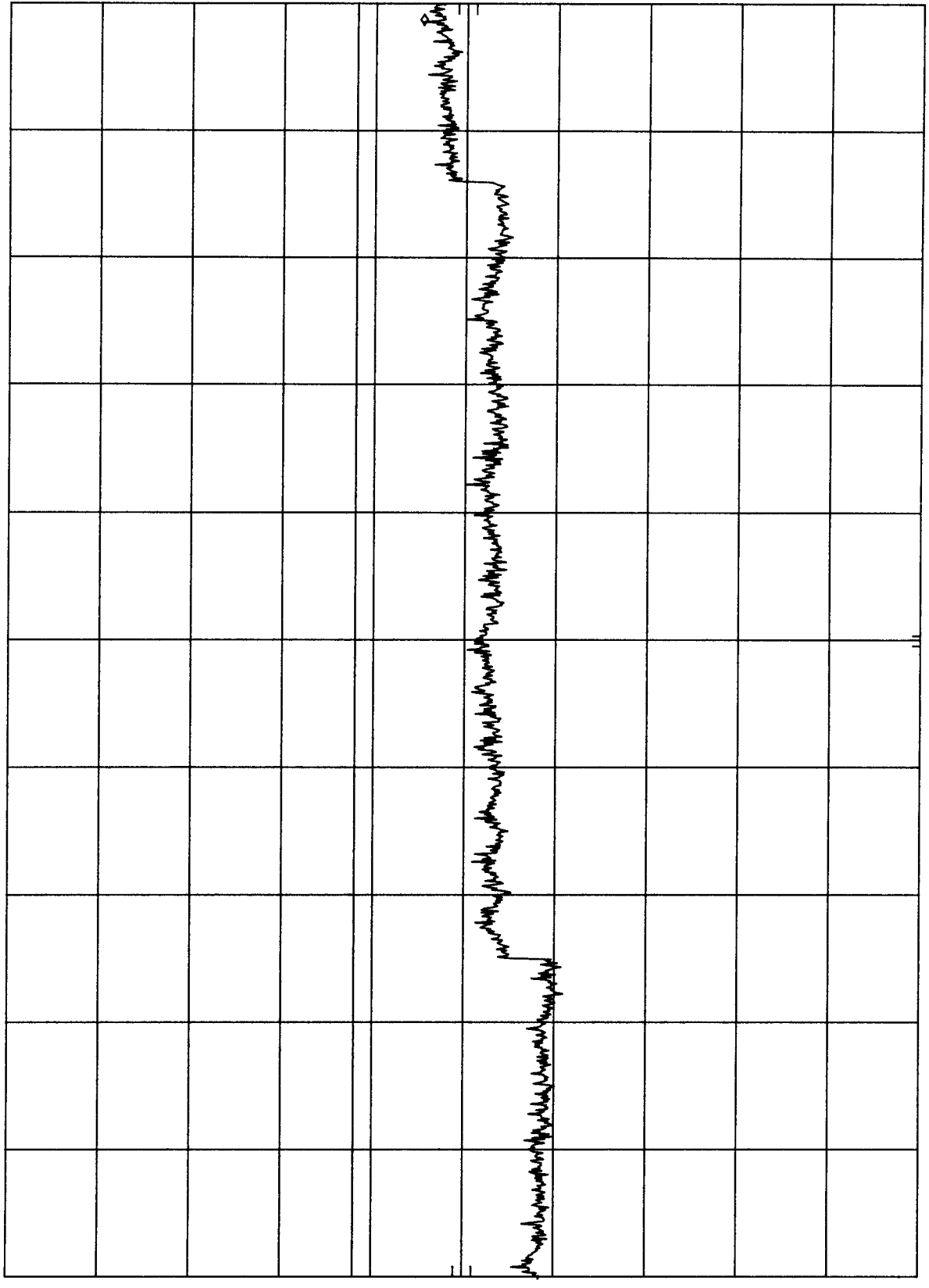
2.0

dB

DL

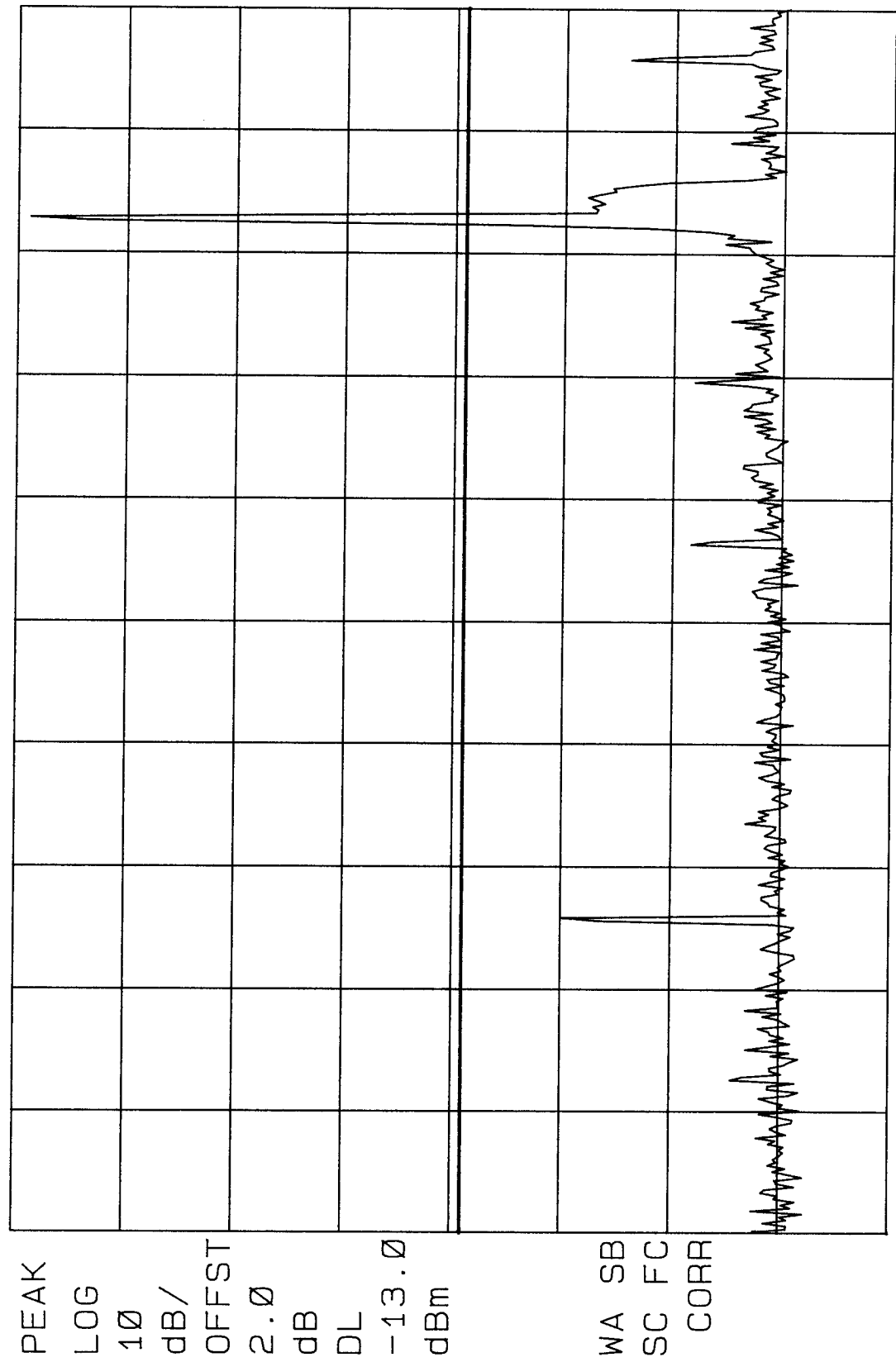
-13.0

dBm



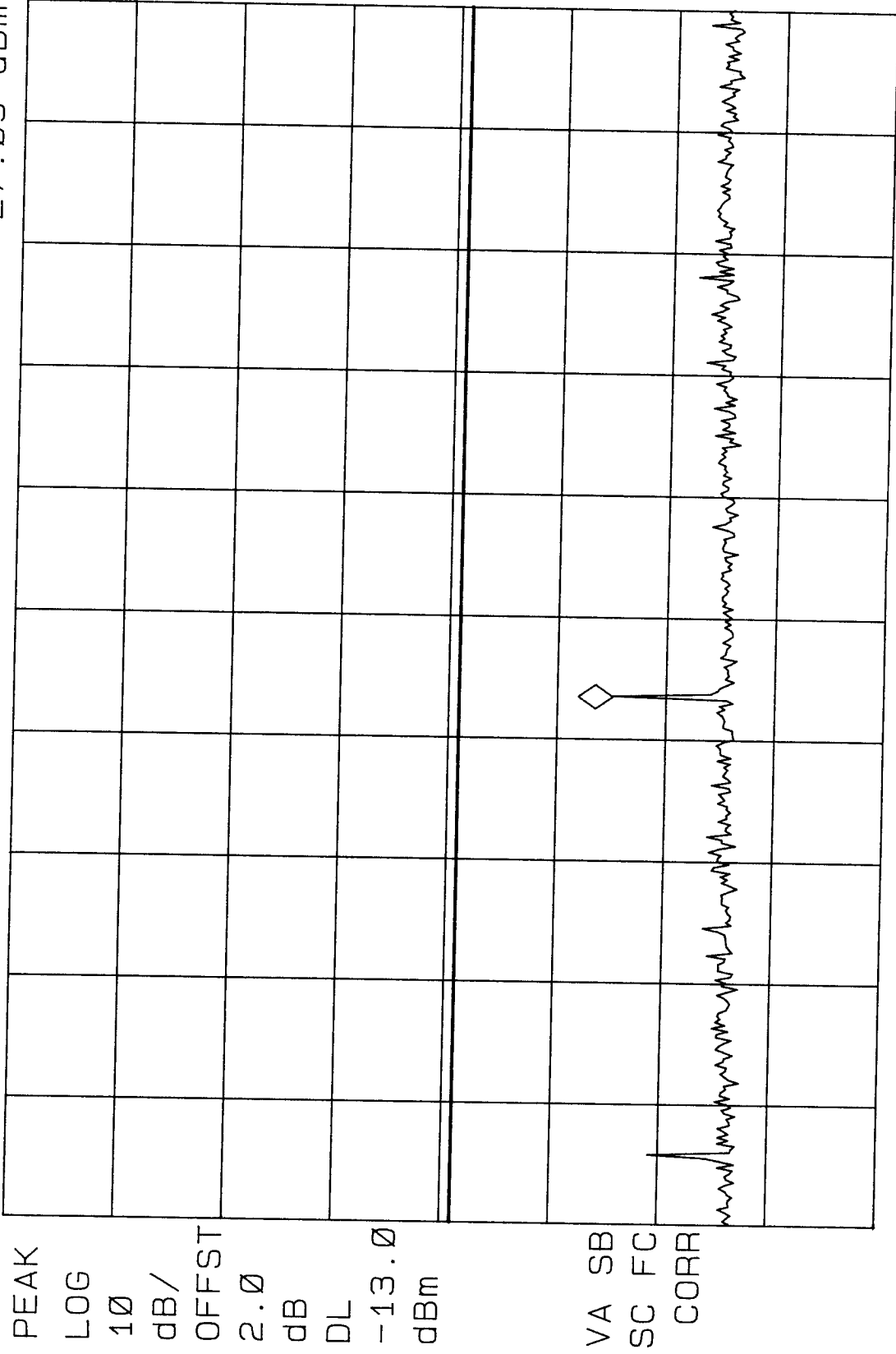
START 10.0 GHz RES BW 1 MHz (i) STOP 20.0 GHz
SWP 250 msec

~~AP~~ FCC ID: A3LSCH411 Ch.Low Cond.Spur.
REF 28.0 dBm #ATTEN 40 dB



START 10.0 MHz STOP 1.0000 GHz
#RES BW 1.0 MHz #VBW 1 MHz SWP 20 msec

FCC ID: A3LSCH411 Ch.Low Cond.Spur. MKR 1.653 GHz
REF 28.0 dBm #ATTEN 40 dB -27.09 dBm



START 1.000 GHz #RES BW 1.0 MHz STOP 2.500 GHz #VBW 1 MHz SWP 30 msec

FCC ID-A3LSCH411 Ch.Low Cond.Spur.
hpf REF 28.0 dBm ATTN 40 dB + 20 dB MKR 6.625 GHz
-28.10 dBm

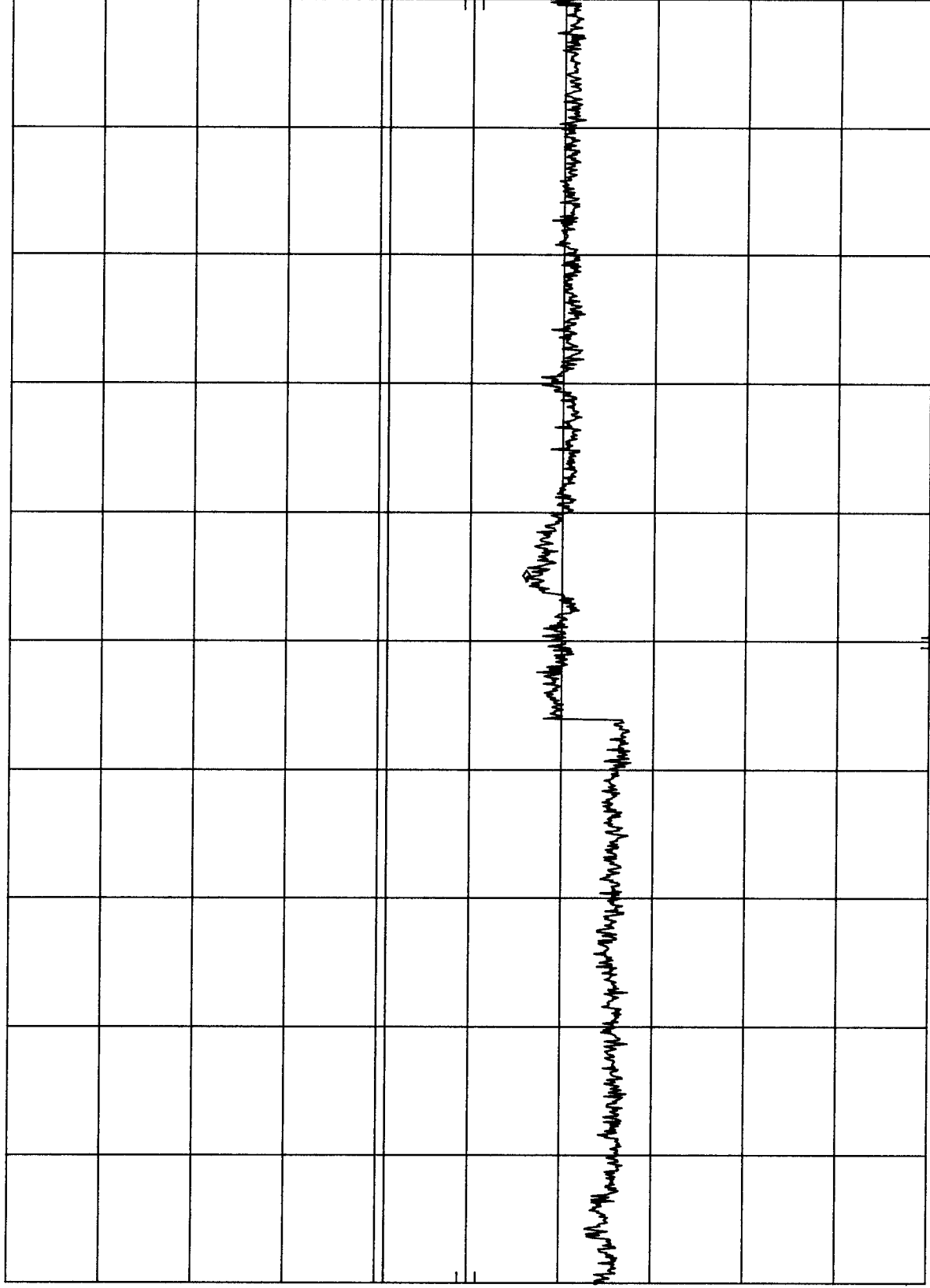
10 dB/

POS PK

OFFSET

2.0
dB

DL
-13.0
dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz
SWP 188 msec

FCC ID-A3LSCH411 Ch.Low Cond.Spur.
REF 28.0 dBm ATTN 40 dB + 20 dB MKR 19.87 GHz
-20.40 dBm

hp

10 dB/

POS PK

OFFSET

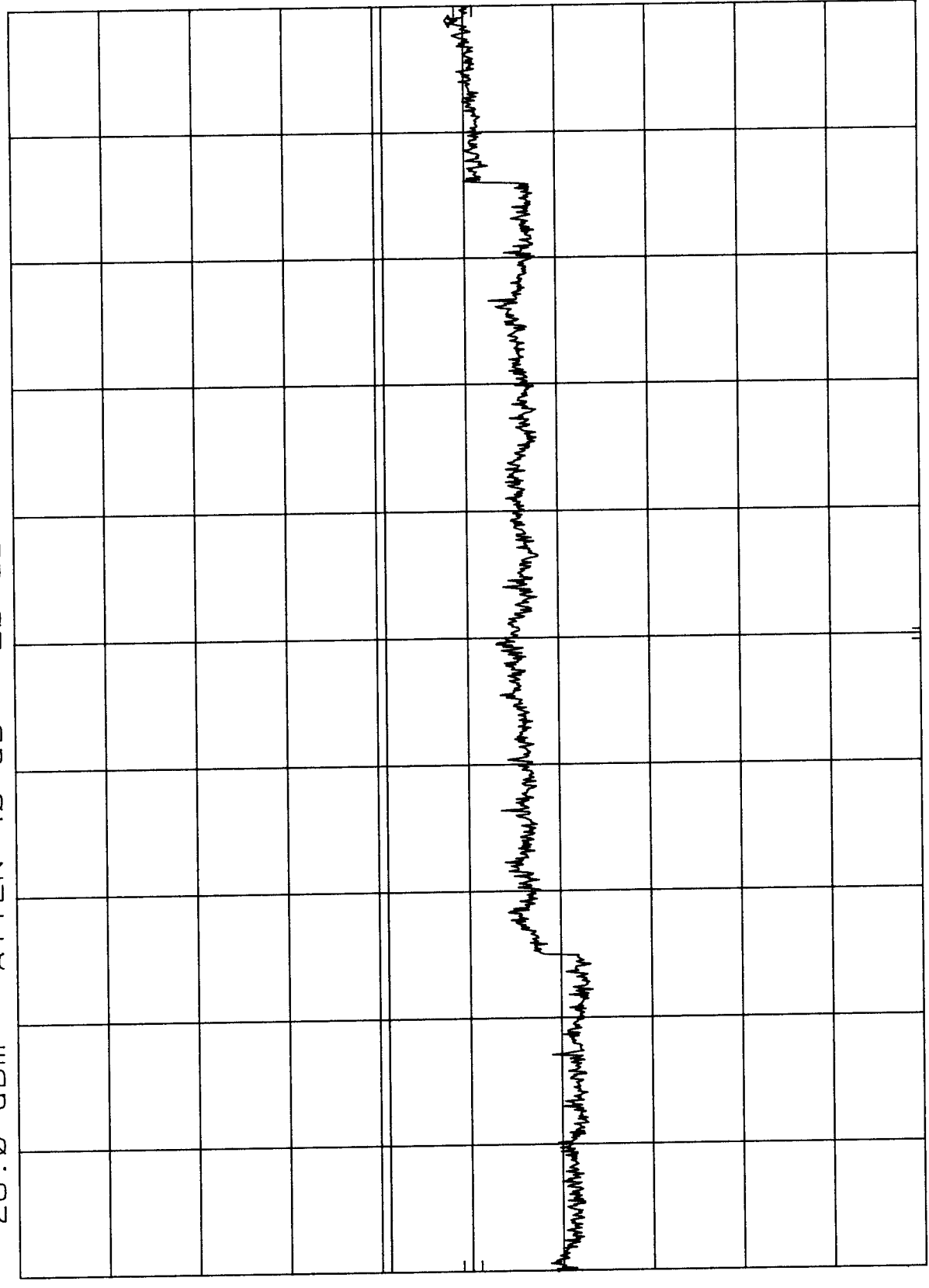
2.0

dB

DL

-13.0

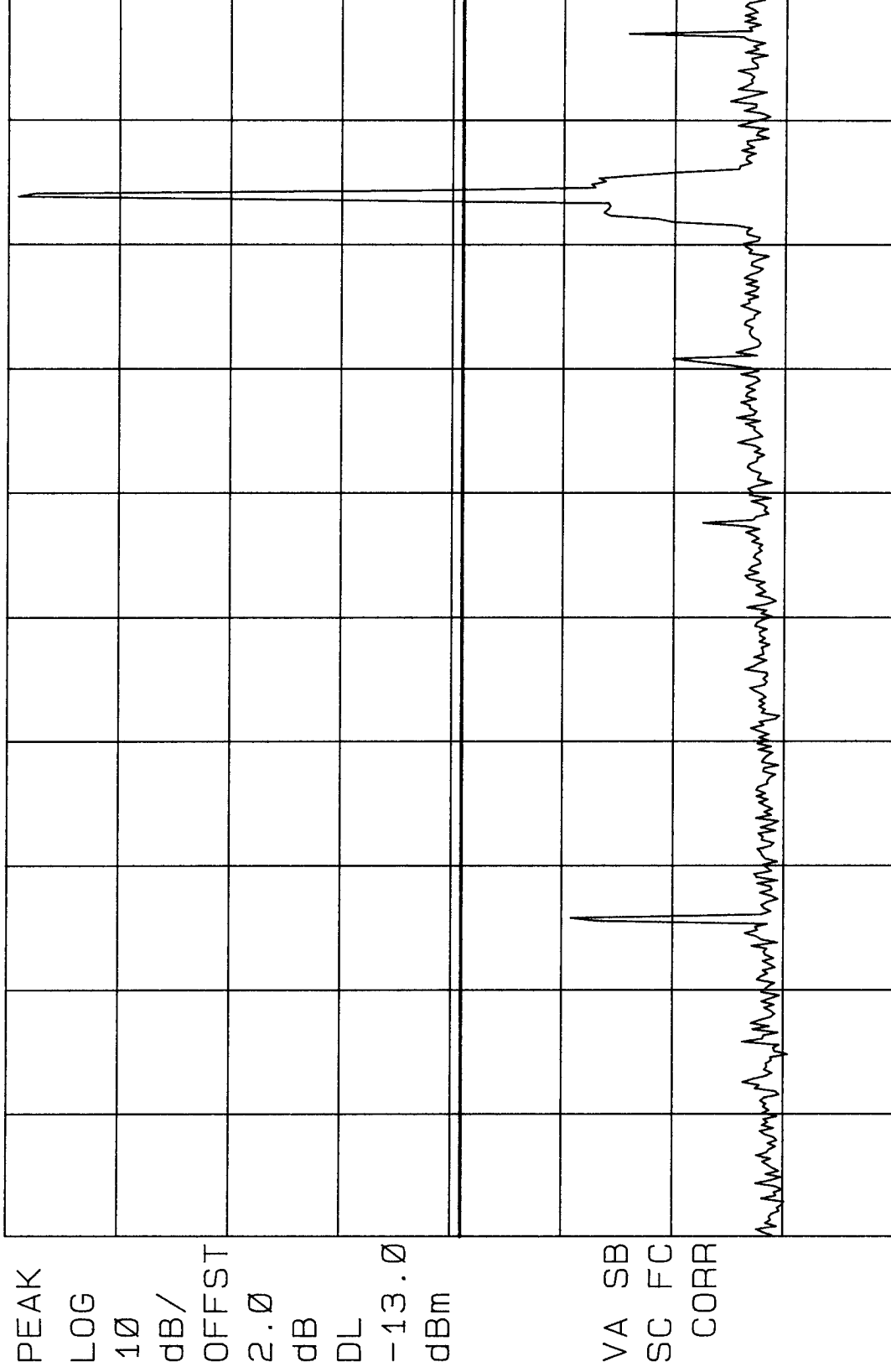
dBm



START 10.0 GHz RES BW 1 MHz (i) STOP 20.0 GHz SWP 250 msec VBW 1 MHz

h FCC ID: A3LSCH411 Ch.Med Cond.Spur.

REF 28.0 dBm #ATTEN 40 dB



START 10.0 MHz

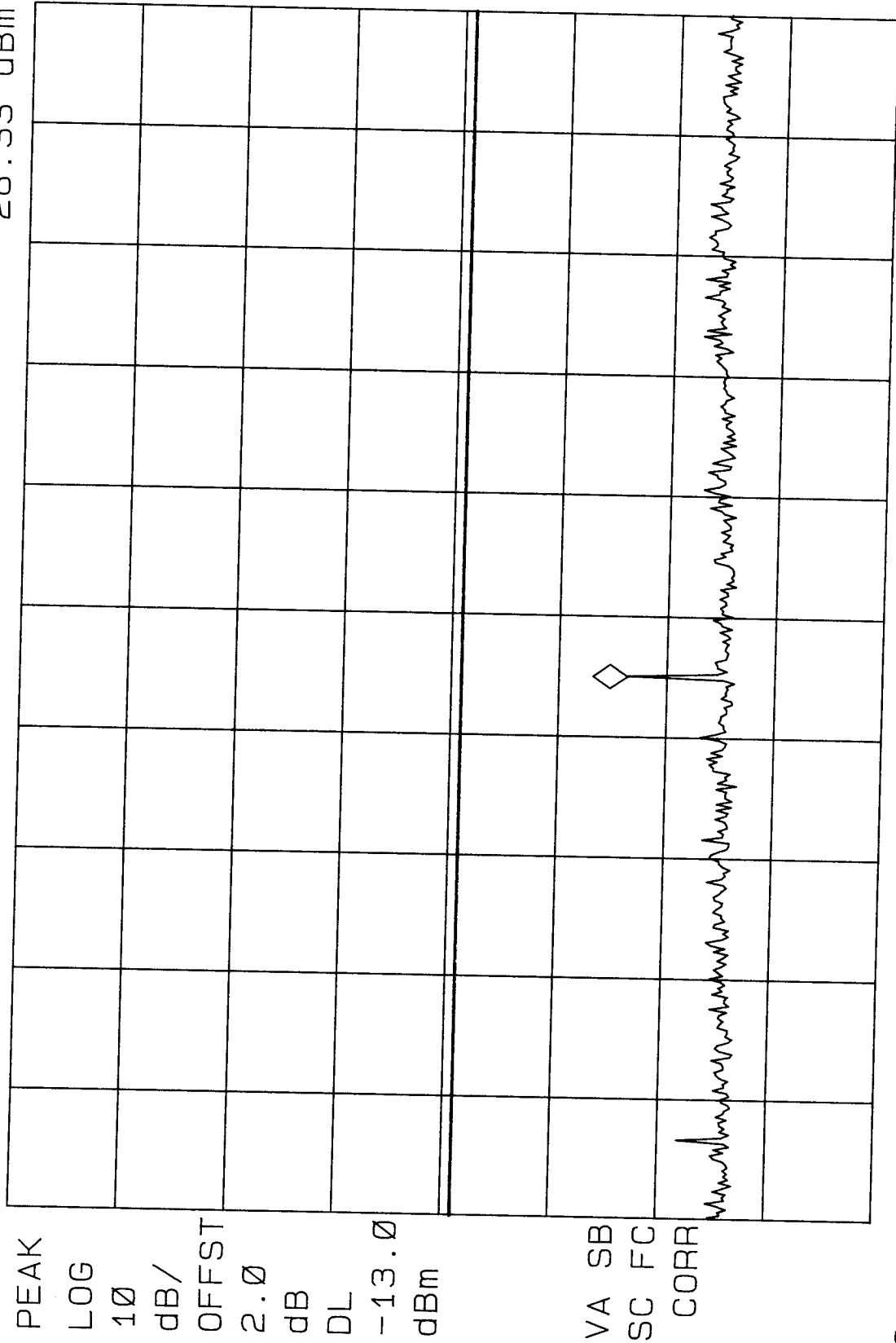
#RES BW 1.0 MHz

#VBW 1 MHz

STOP 1.0000 GHz

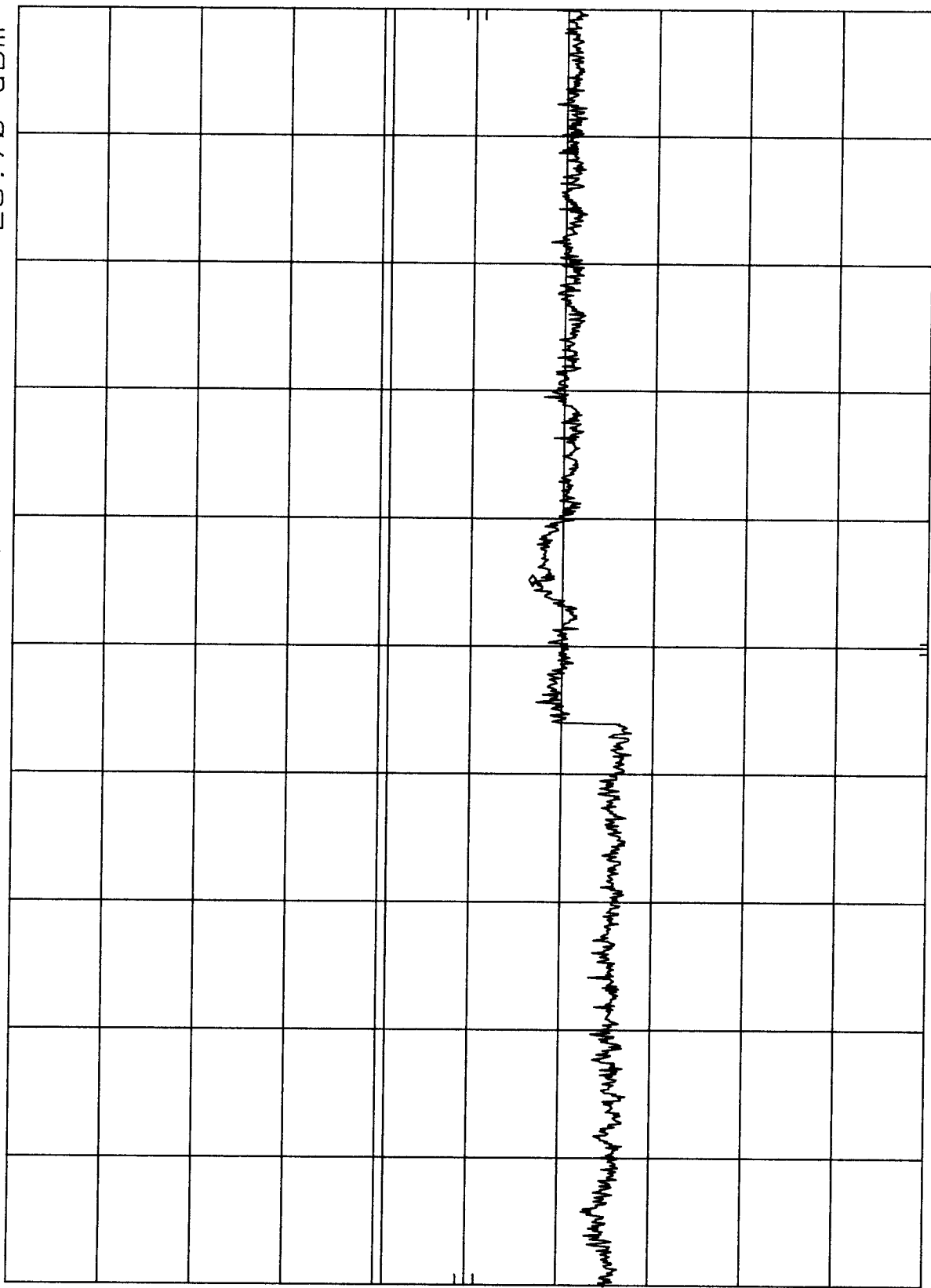
SWP 20 msec

FCC ID: A3LSCH411 Ch. Med Cond. Spur. MKR 1.675 GHz
REF 28.0 dBm #ATTEN 40 dB -28.33 dBm



START 1.000 GHz #RES BW 1.0 MHz STOP 2.500 GHz #VBW 1 MHz SWP 30 msec

FCC ID-A3LSCH411 Ch.Med Cond.Spur.
 REF 28.0 dBm ATTN 40 dB + 20 dB MKR 6.633 GHz
 h_p -28.70 dBm



10 dB/

POS PK

OFFSET

2.0

dB

DL

-13.0

dBm

START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

FCC ID-A3LSCH411 Ch.Med Cond.Spur.
hpf REF 28.0 dBm ATTN 40 dB + 20 dB MKR 19.90 GHz
-19.80 dBm

10 dB/

POS PK

OFFSET

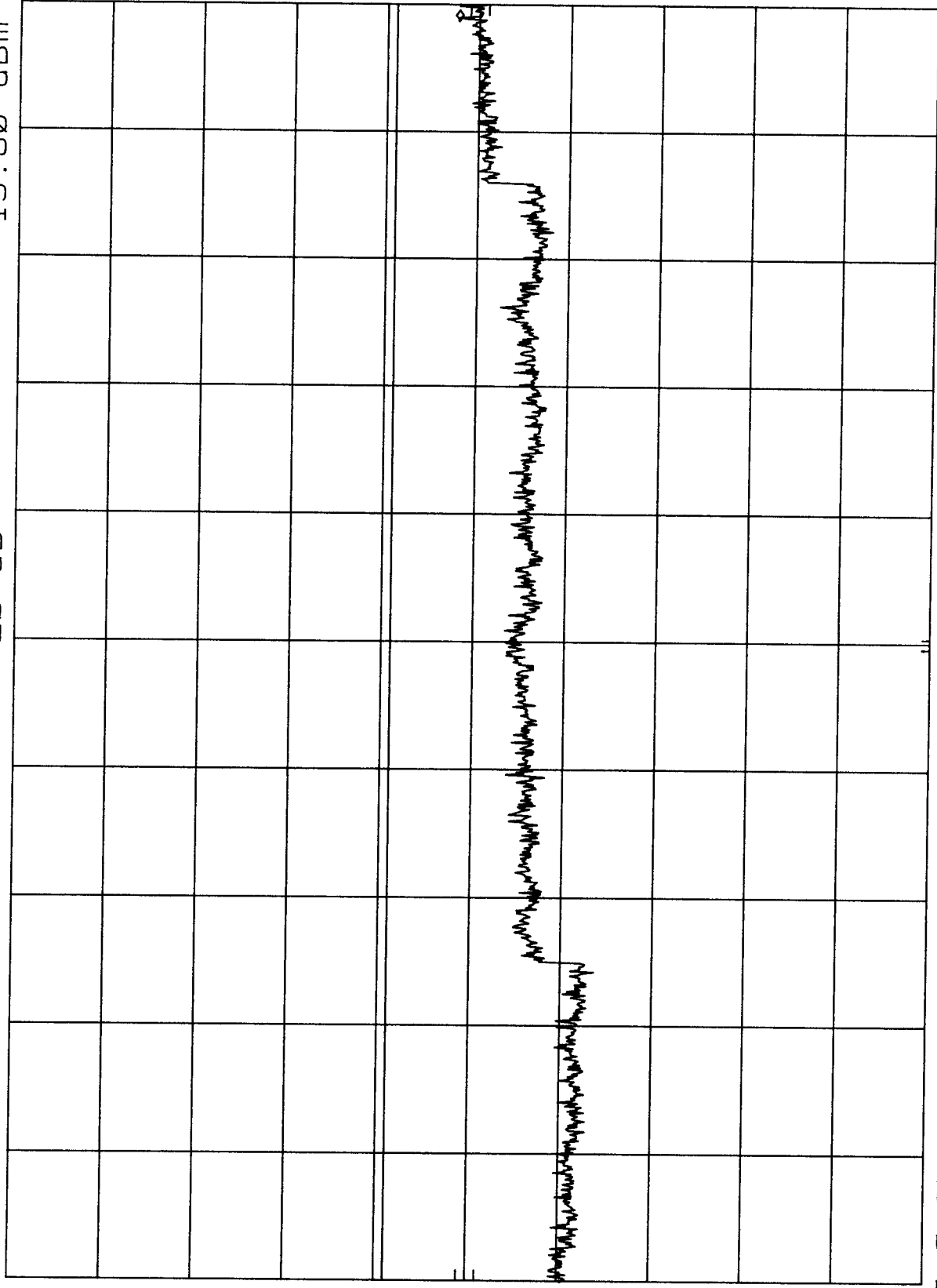
2.0

dB

DL

-13.0

dBm



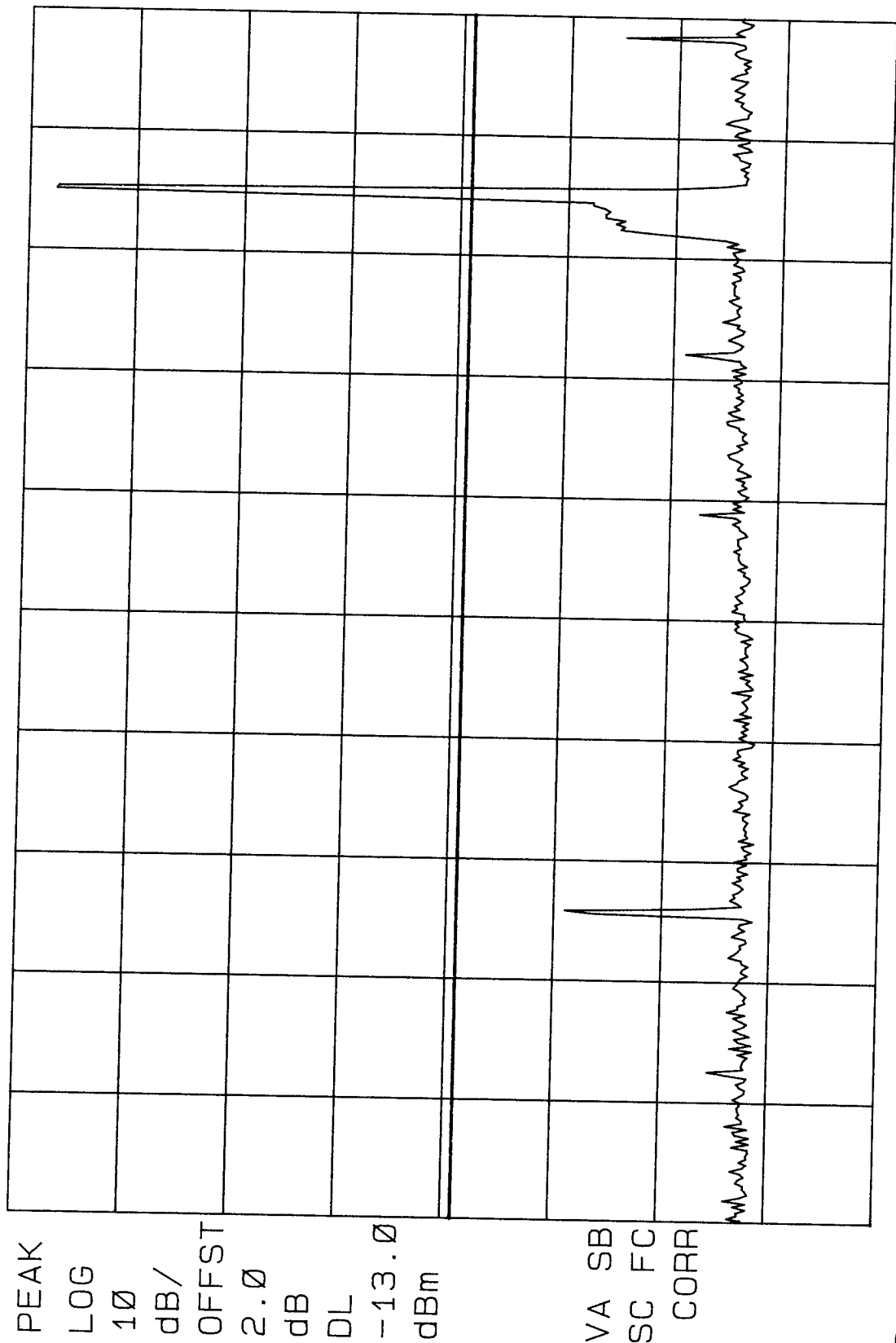
START 10.0 GHz

RES BW 1 MHz (i)

VBW 1 MHz

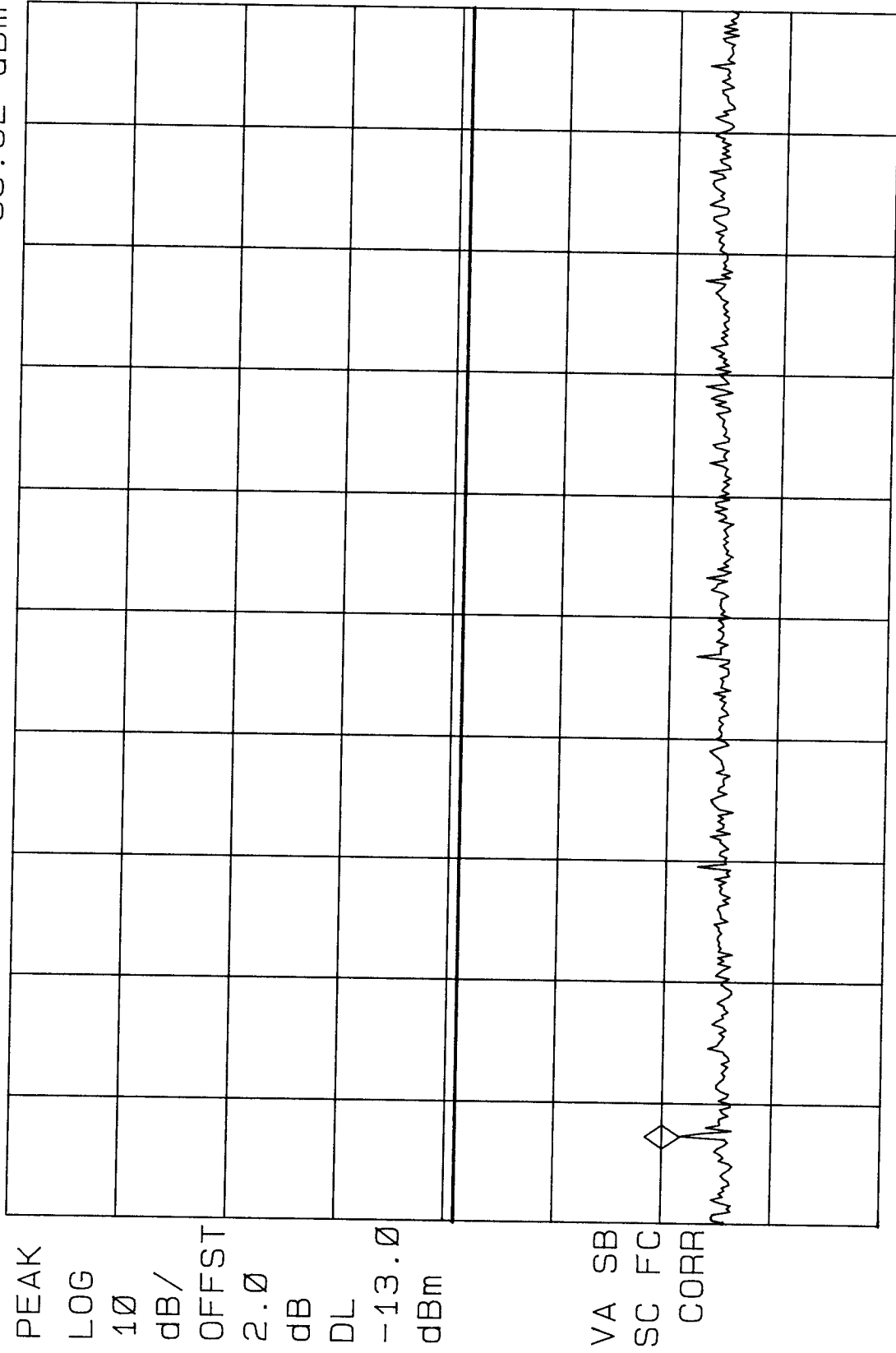
STOP 20.0 GHz
SWP 250 msec

~~h~~ FCC ID: A3LSCH411 Ch.High Cond.Spur.
REF 28.0 dBm #ATTEN 40 dB



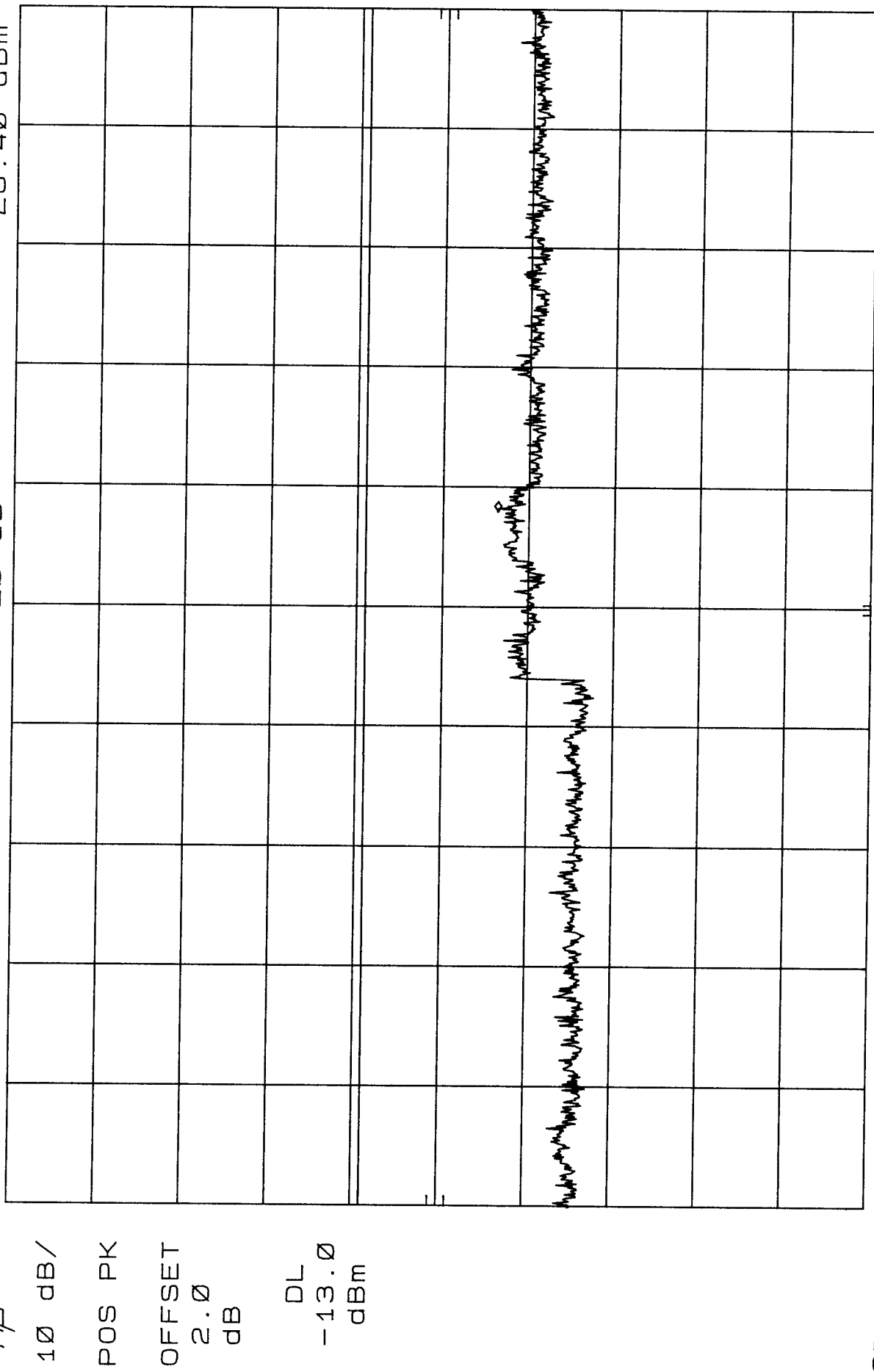
START 10.0 MHz #RES BW 1.0 MHz STOP 1.0000 GHz
#VBW 1 MHz SWP 20 msec

~~h~~ FCC ID: A3LSCH411 Ch.High Cond.Spur. MKR 1.109 GHz
REF 28.0 dBm #ATTEN 40 dB -33.62 dBm



START 1.000 GHz #RES BW 1.0 MHz STOP 2.500 GHz #VBW 1 MHz SWP 30 msec

FCC ID-A3LSCH411 Ch.High Cond.Spur.
h_p REF 28.0 dBm ATTEN 40 dB + 20 dB MKR 6.873 GHz
-28.40 dBm



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

FCC ID-A3LSCH411 Ch.High Cond.Spur.
h_p REF 28.0 dBm ATTEN 40 dB + 20 dB MKR 19.74 GHz
-20.10 dBm

10 dB/

POS PK

OFFSET

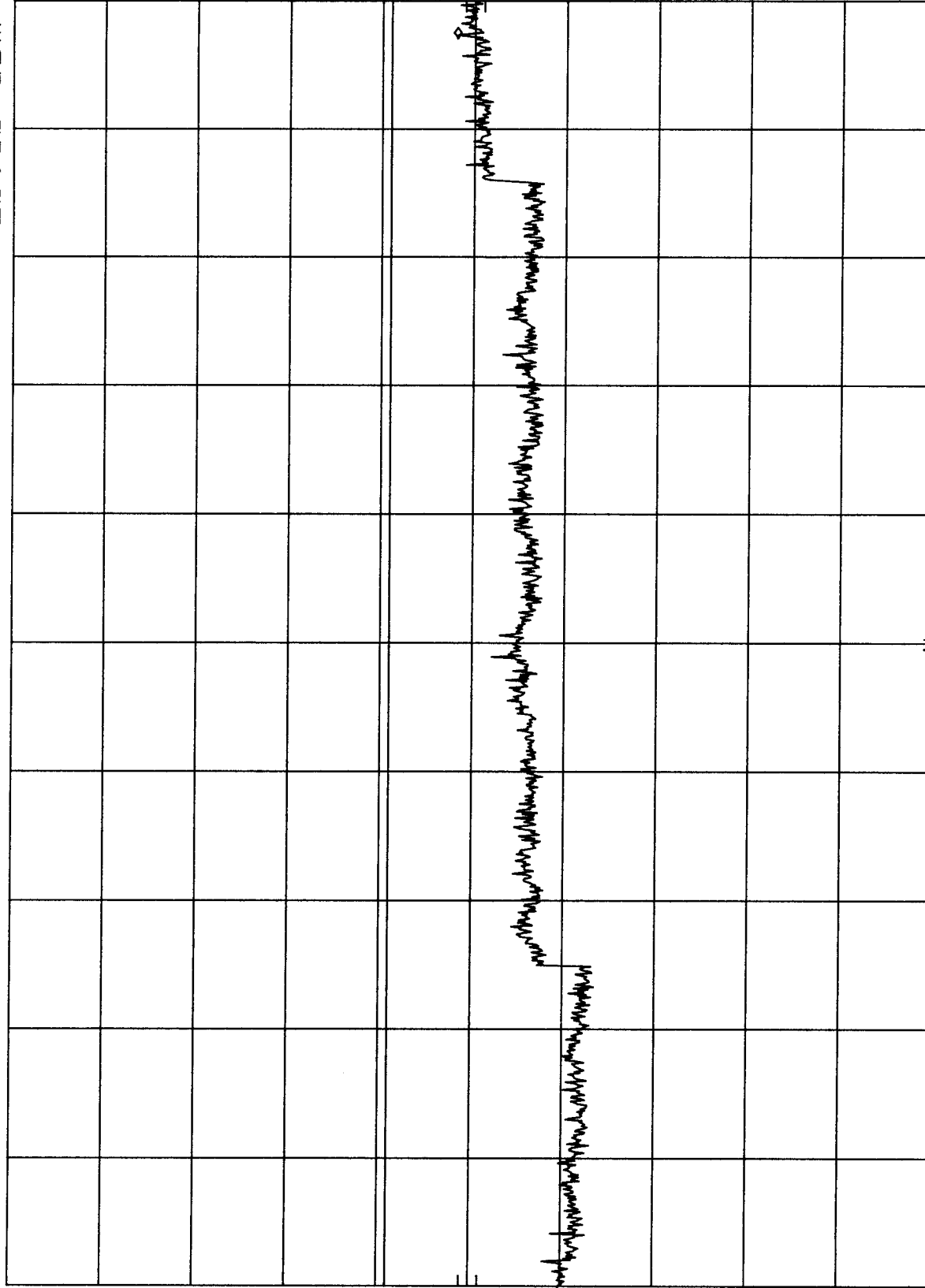
2.0

dB

DL

-13.0

dBm



START 10.0 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec