

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH510

SAMSUNG DUAL MODE PHONE

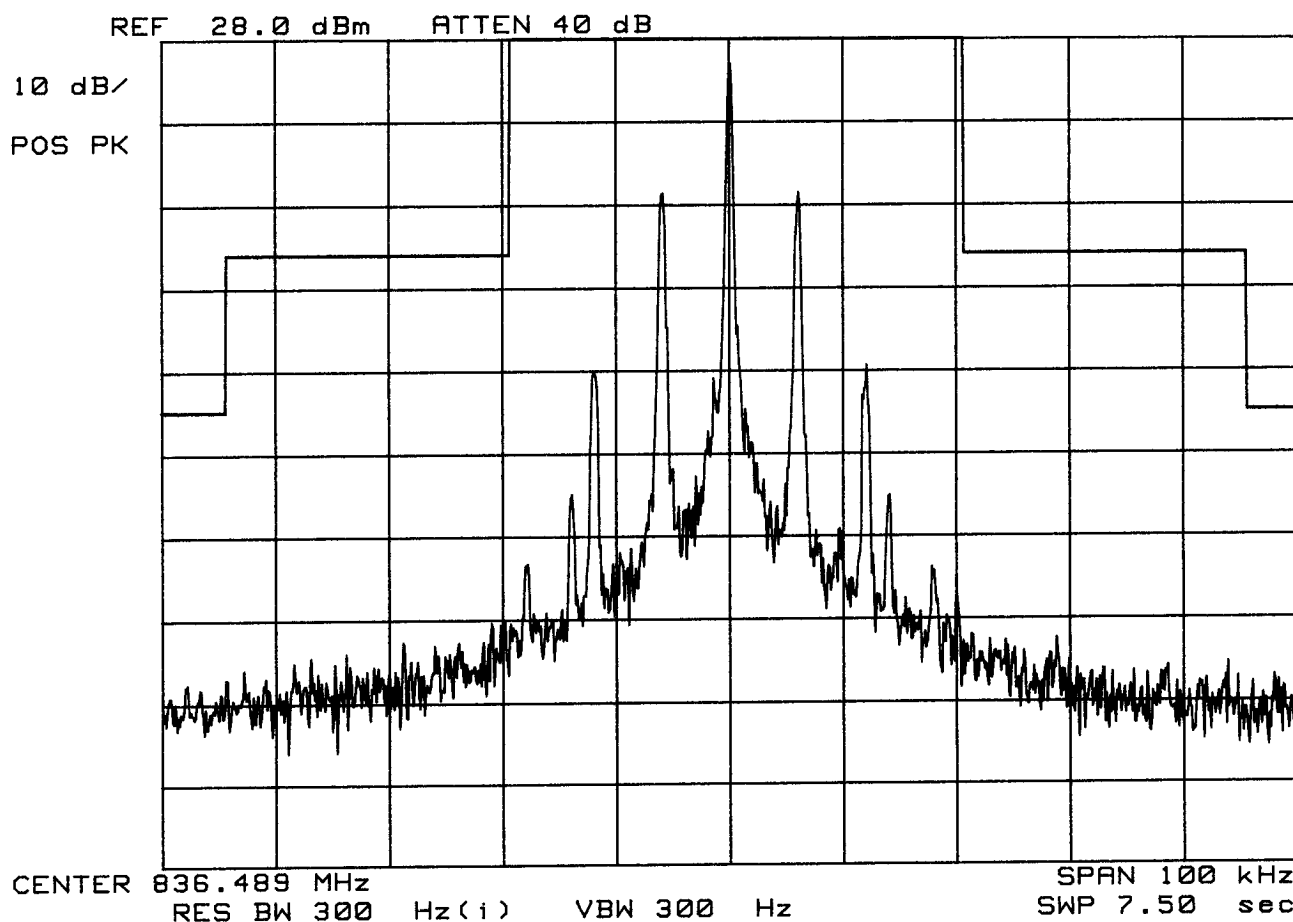
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:SAT



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH510

SAMSUNG DUAL MODE PHONE

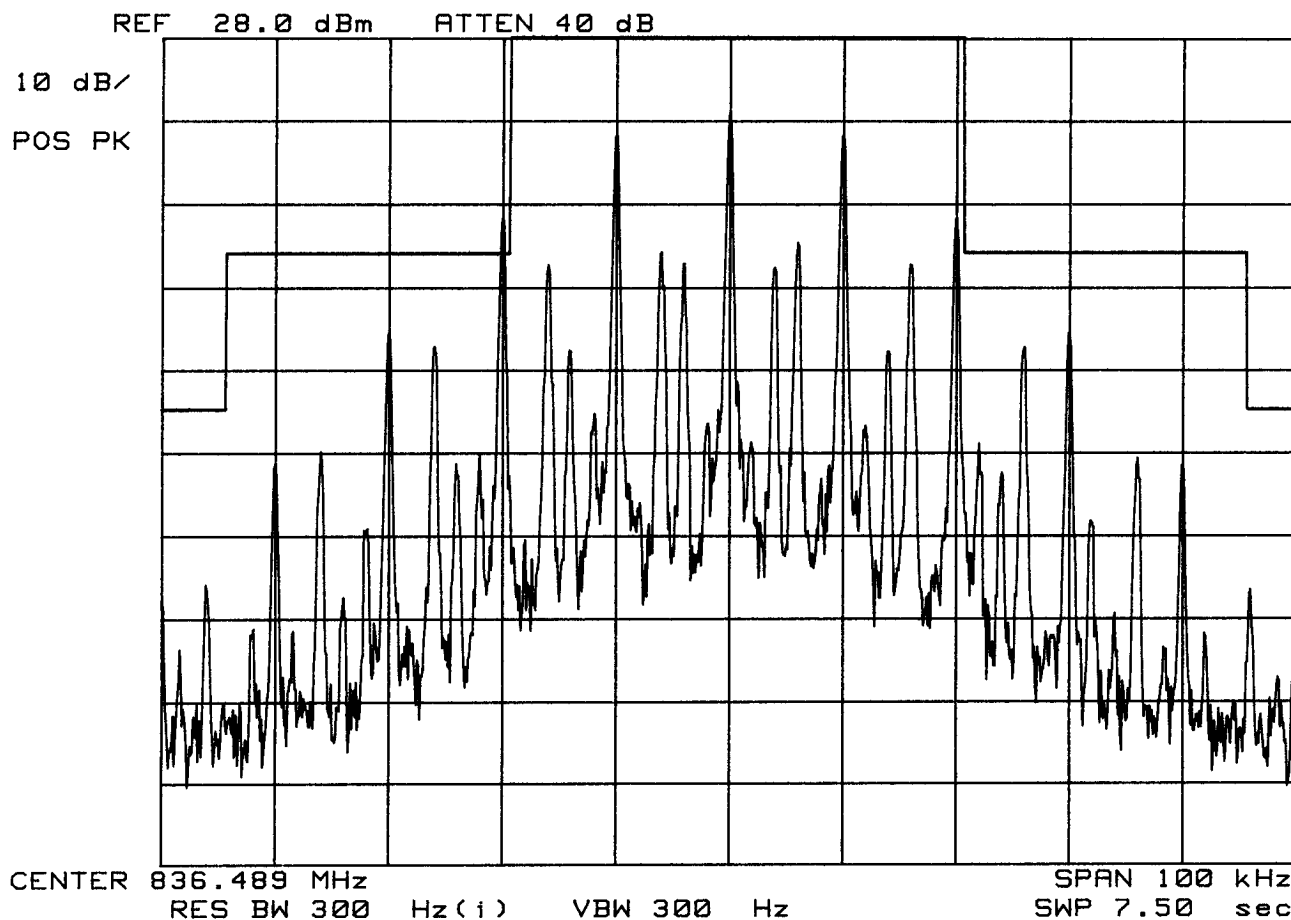
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:SAT + ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH510

SAMSUNG DUAL MODE PHONE

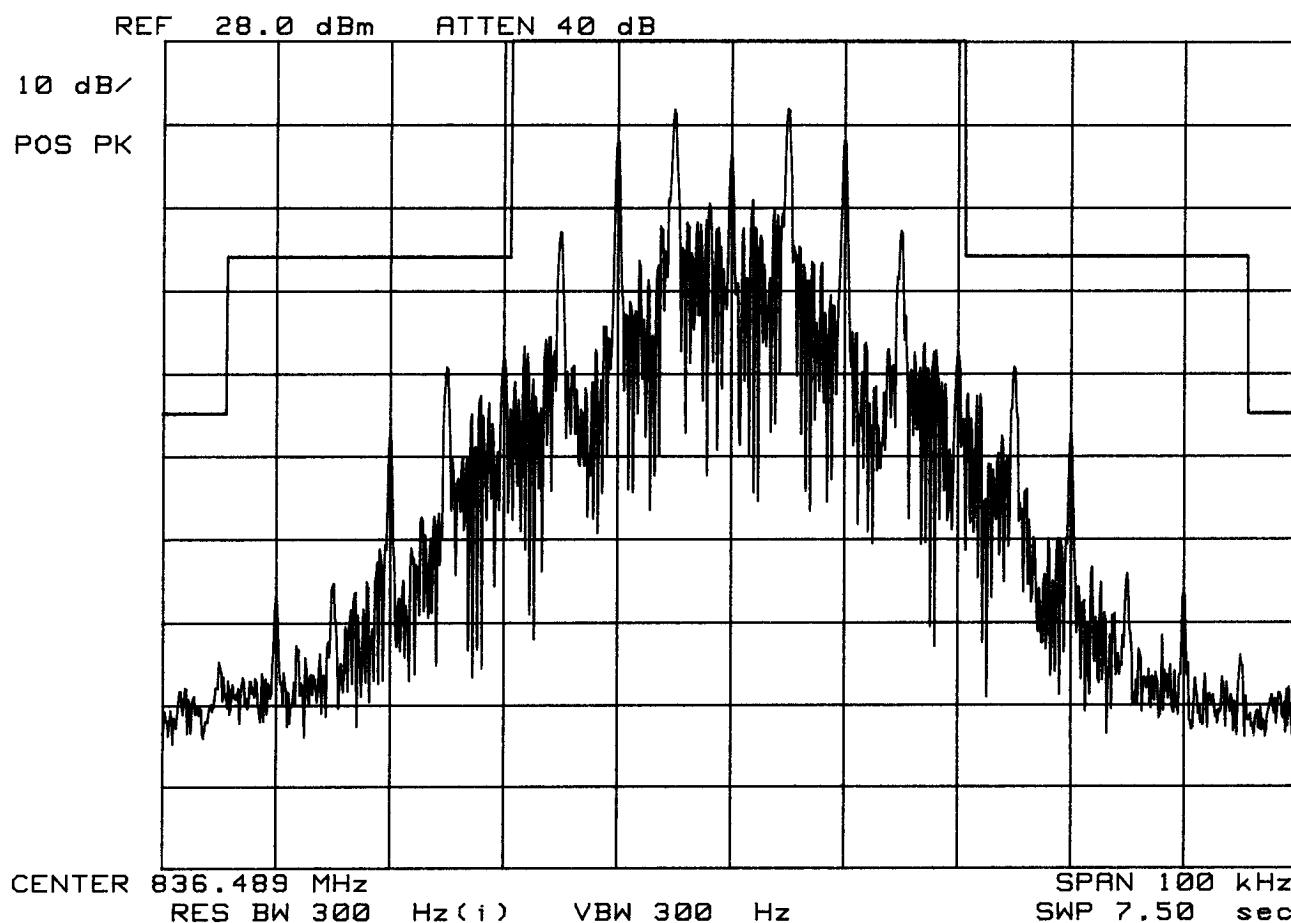
CH-383

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:A3LSCH510

SAMSUNG DUAL MODE PHONE

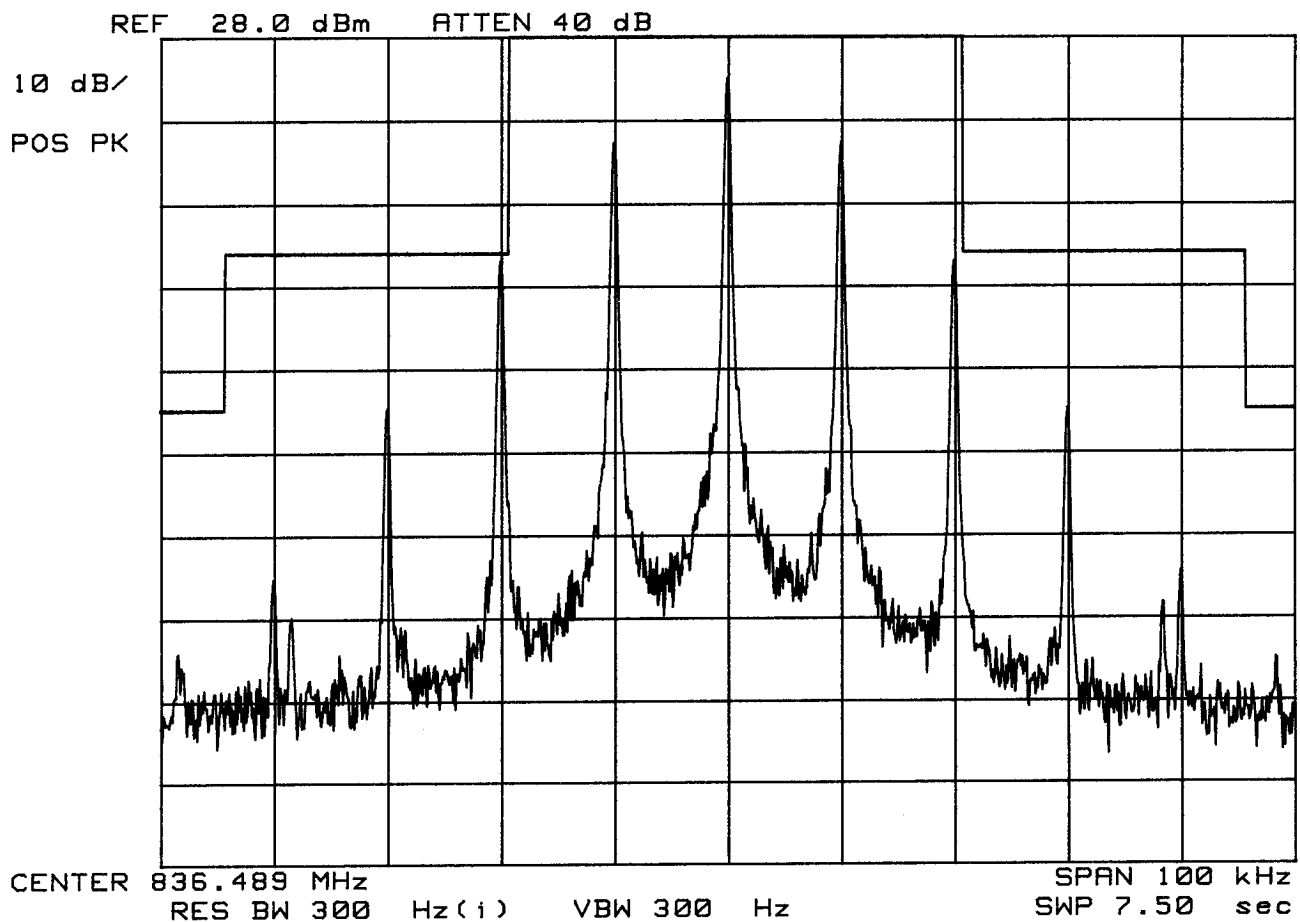
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH510

SAMSUNG DUAL MODE PHONE

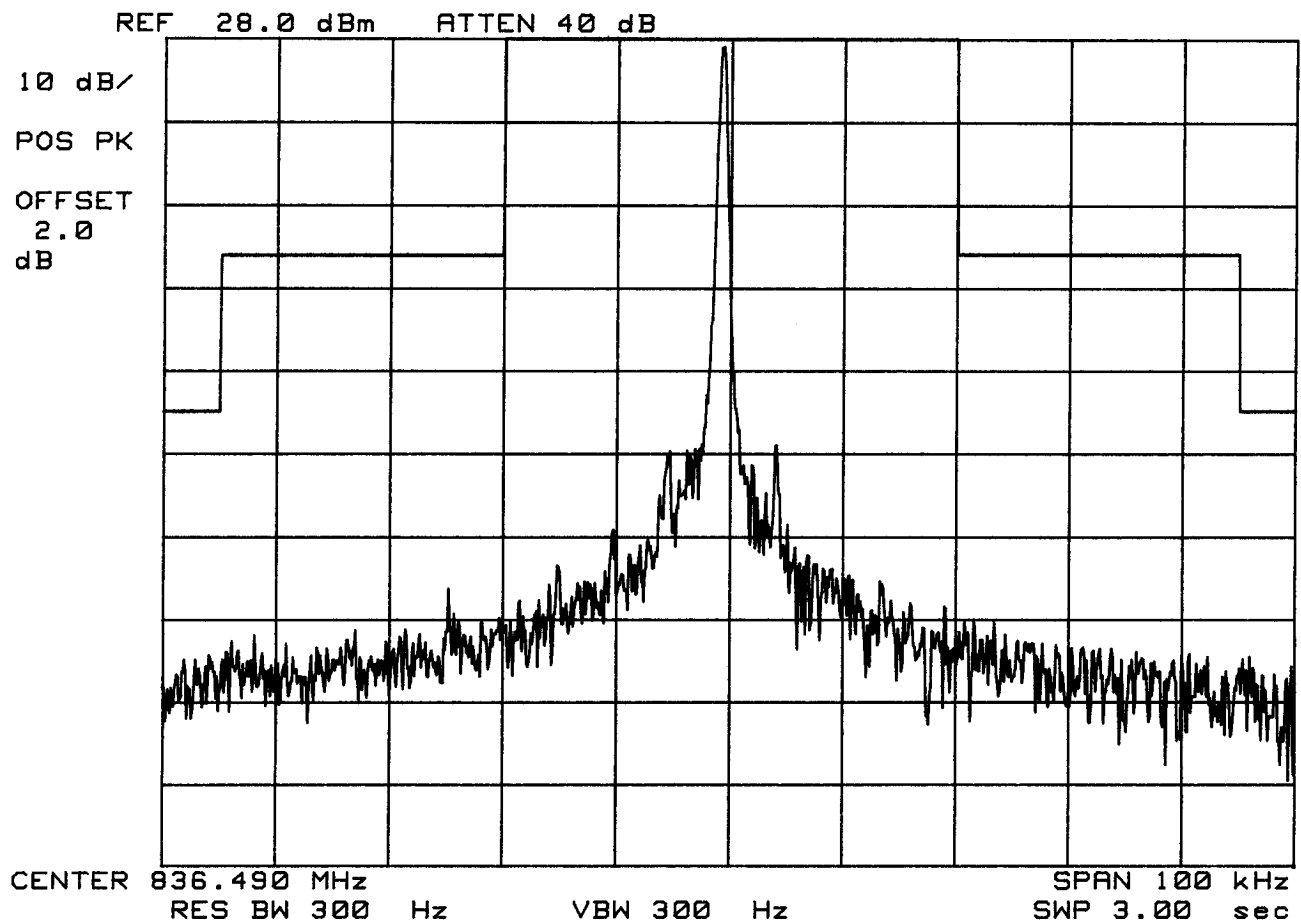
CH-383

FM MODE

Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:Unmodulated Signal



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH510

SAMSUNG DUAL MODE PHONE

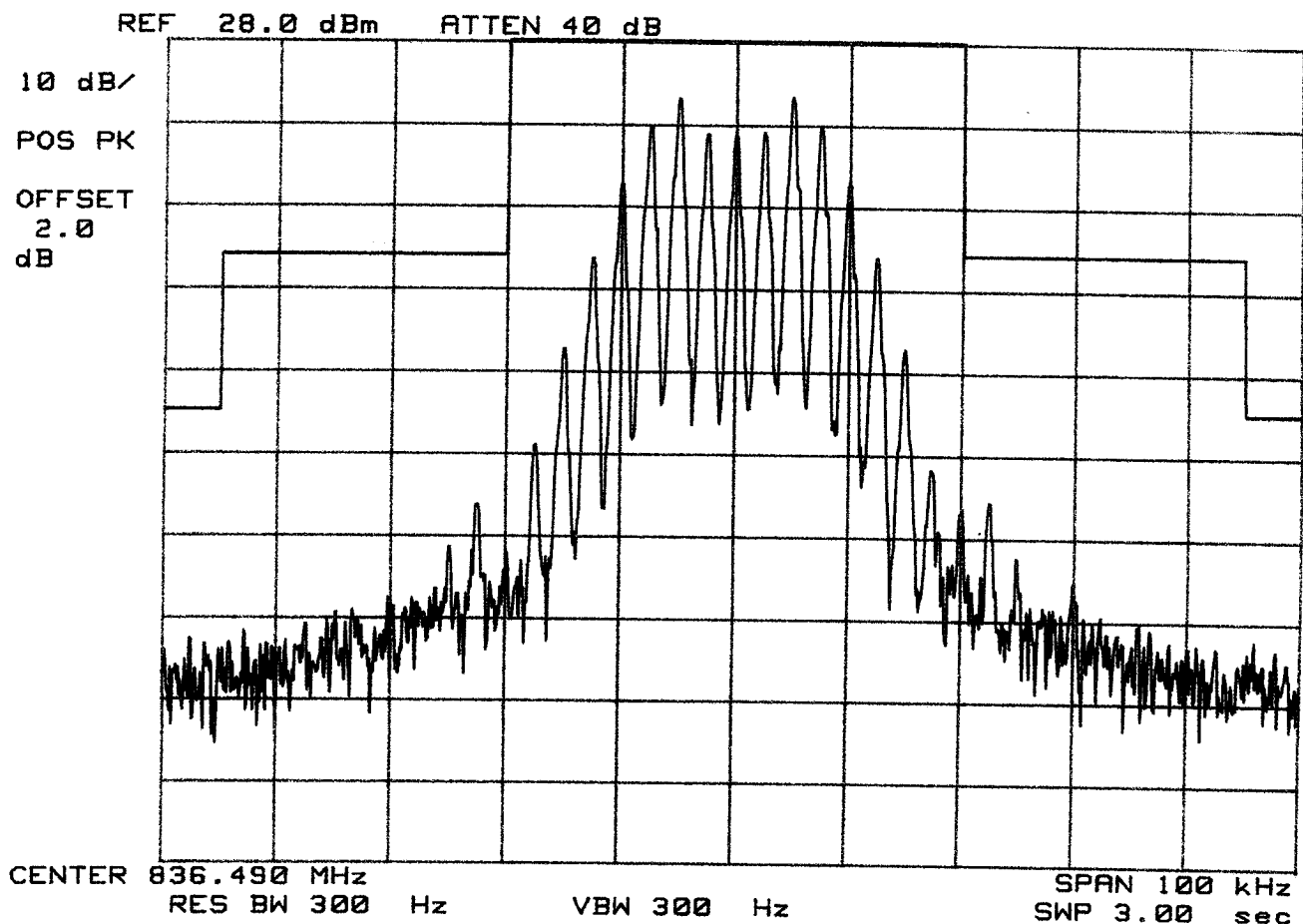
CH-383

FM MODE

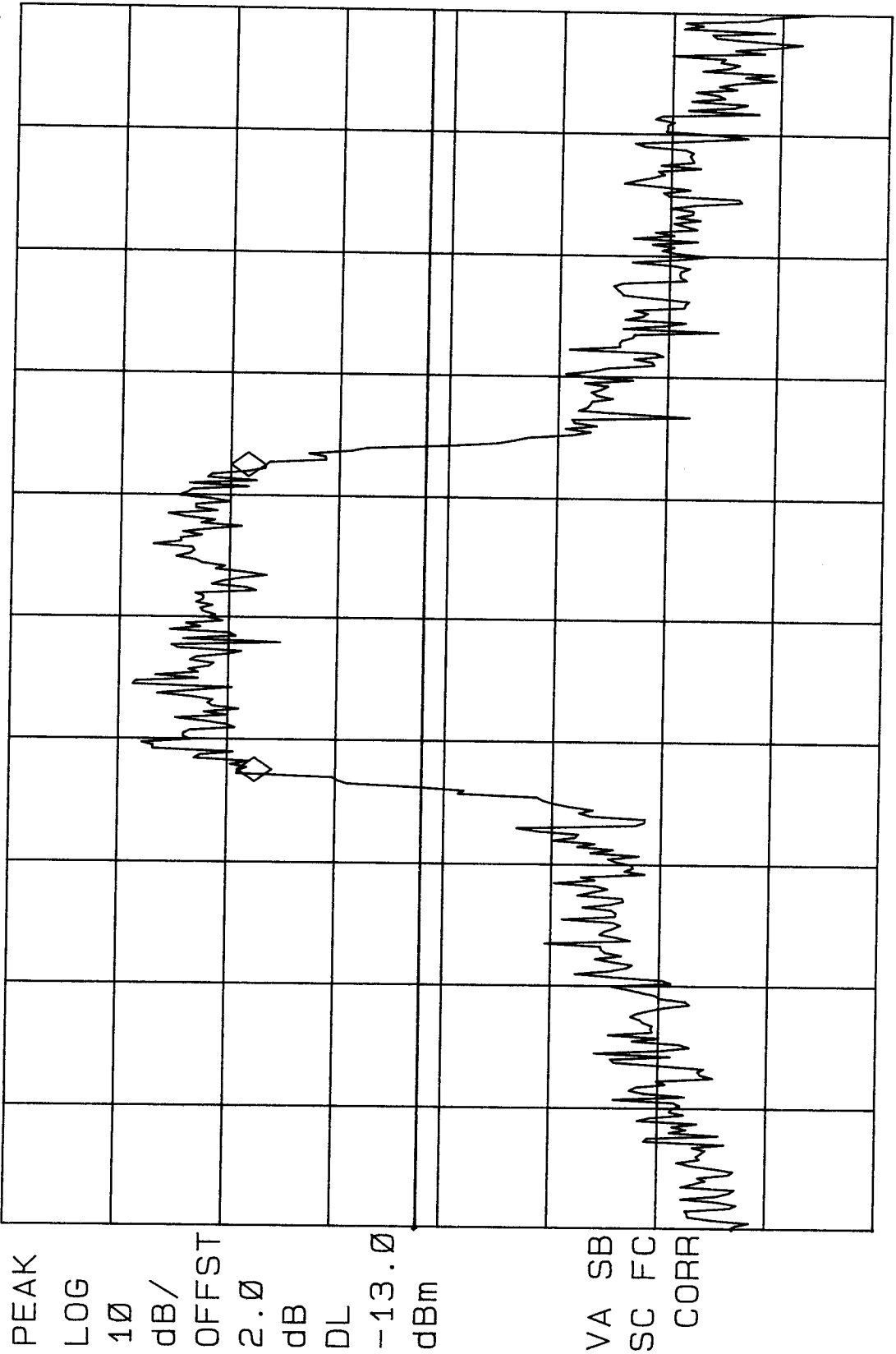
Operating Frequency: 836.490 MHz

Output Power : 28.0 dBm

Test Mode:Voice

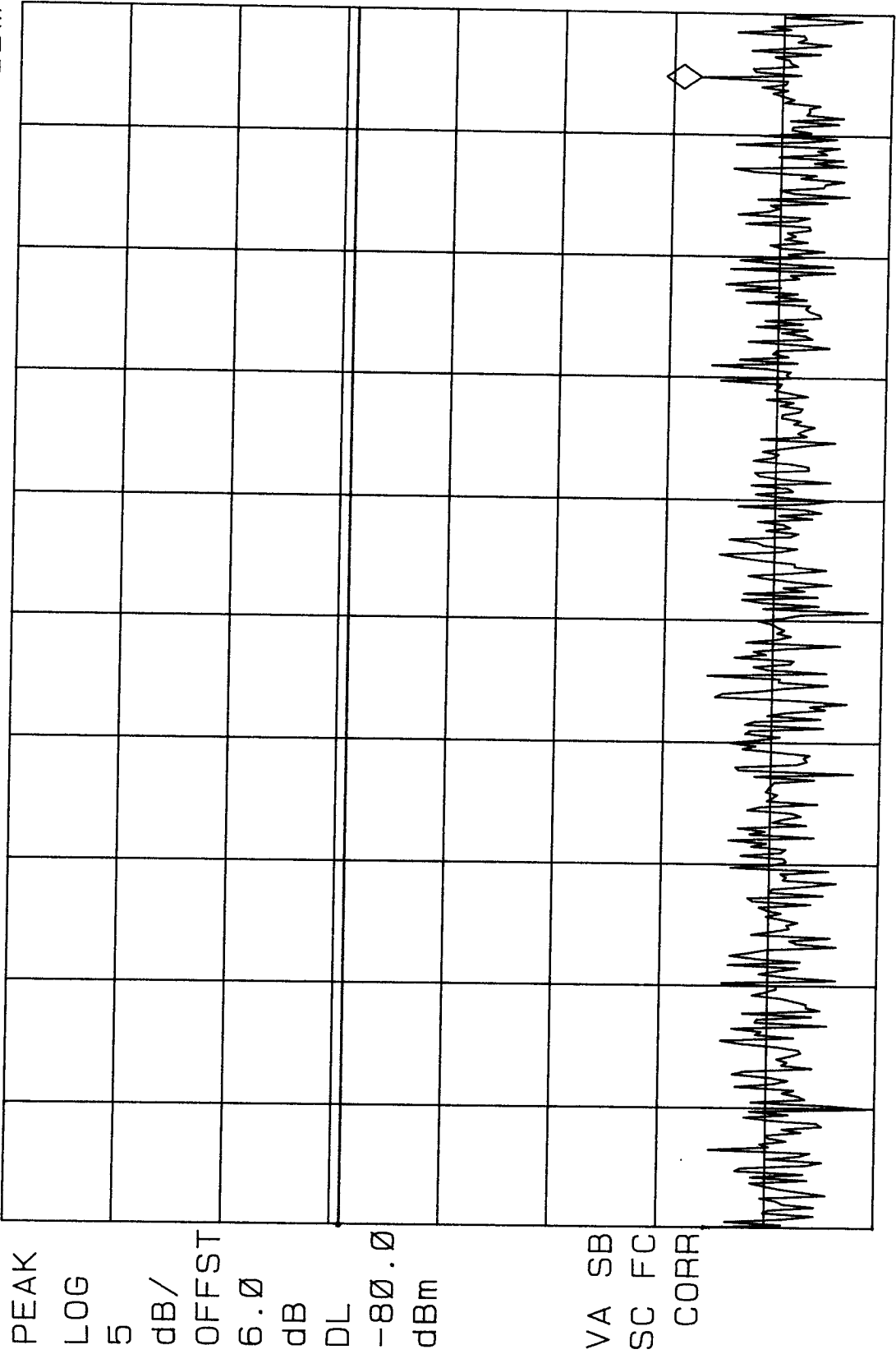


FCC ID: A3LSCH510 99%Pwr BW MKR Δ 1.250 MHz
REF 25.0 dBm ATTN 40 dB .92 dB



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

~~140~~ FCC ID: A3LSCH510 Rx Spurious MKR 892.69 MHz
REF -64.5 dBm ATTEN 10 dB PG 26.0 dB -95.74 dBm



START 869.00 MHz STOP 894.00 MHz
#RES BW 100 kHz #VBW 300 kHz SWP 20 msec

FCC ID-A3LSCH510 CDMA Ch.Low

h_p REF 25.0 dBm

ATTEN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

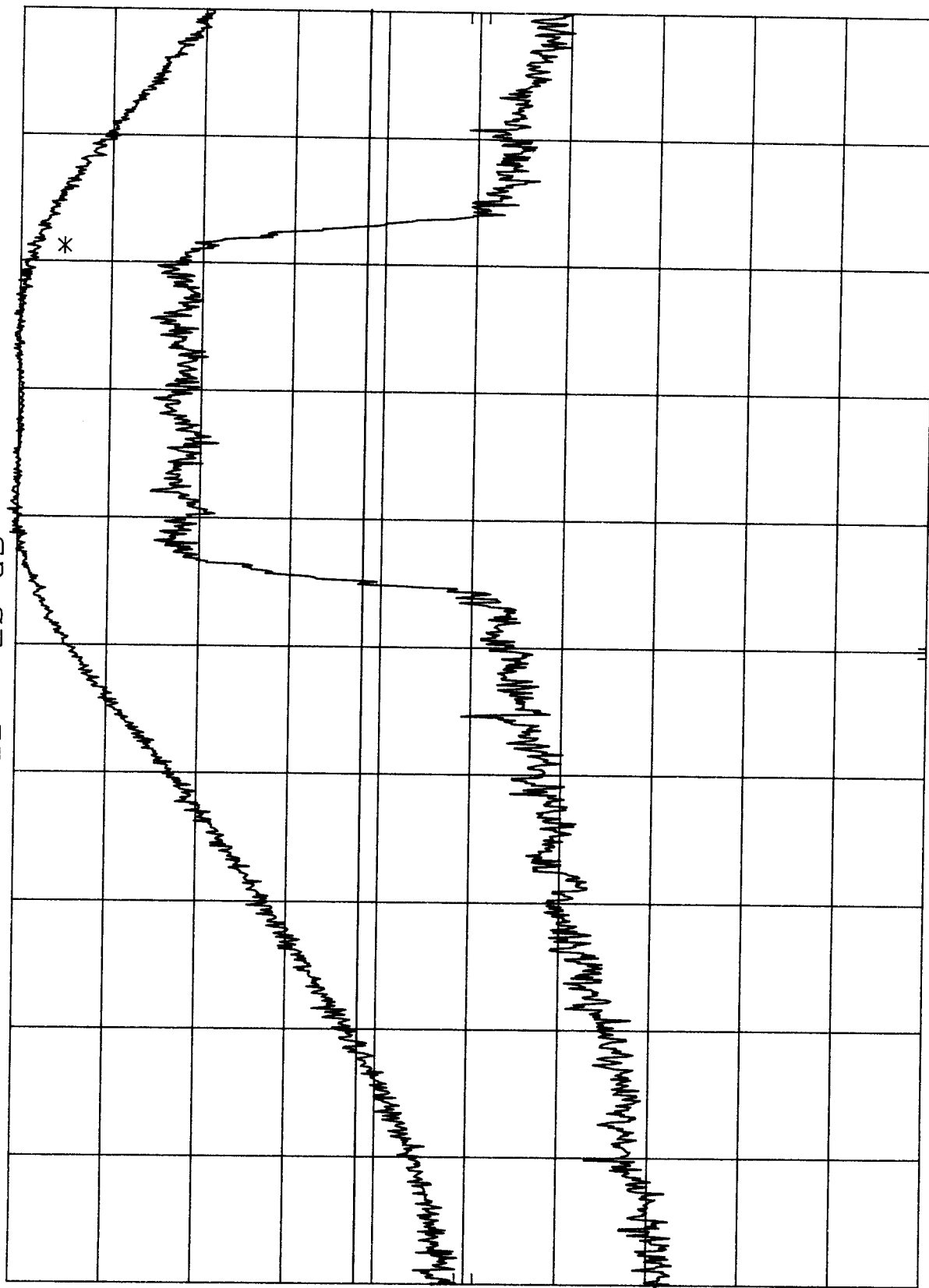
2.0

dB

DL

-13.0

dBm



CENTER 824.04 MHz

RES BW 30 kHz (i)

VBW 30 kHz

SPAN 5.00 MHz
SWP 37.5 msec

FCC ID-A3LSCH510 CDMA Ch.Mid

REF 25.0 dBm ATTN 40 dB + 20 dB

hp

10 dB/

POS PK

OFFSET

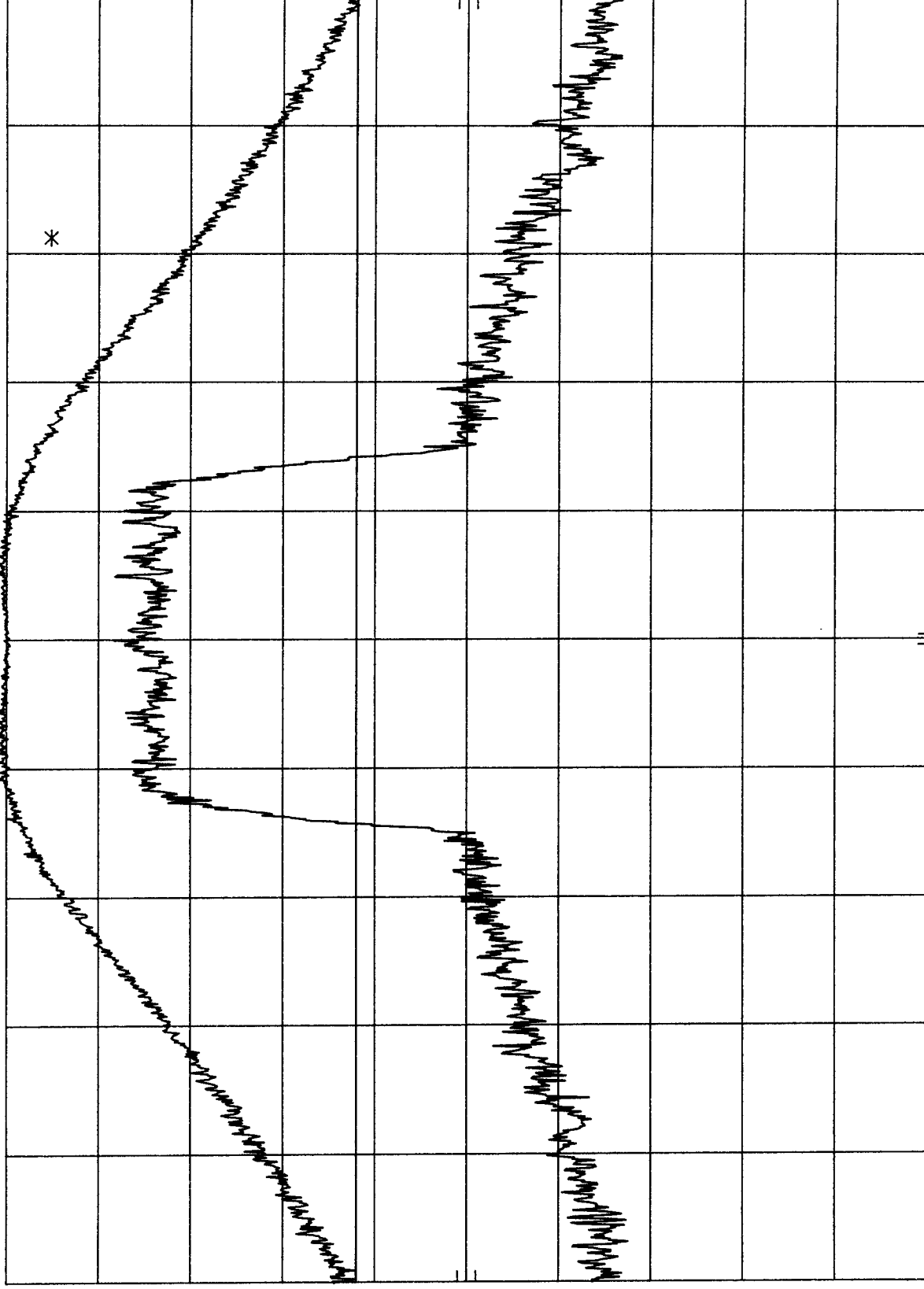
2.0

dB

DL

-13.0

dBm



CENTER 836.49 MHz

RES BW 30 kHz (i)

VBW 30 kHz

SPAN 5.00 MHz

SWP 37.5 msec

FCC ID-A3LSCH510 CDMA Ch.High

h_p REF 25.0 dBm ATTN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

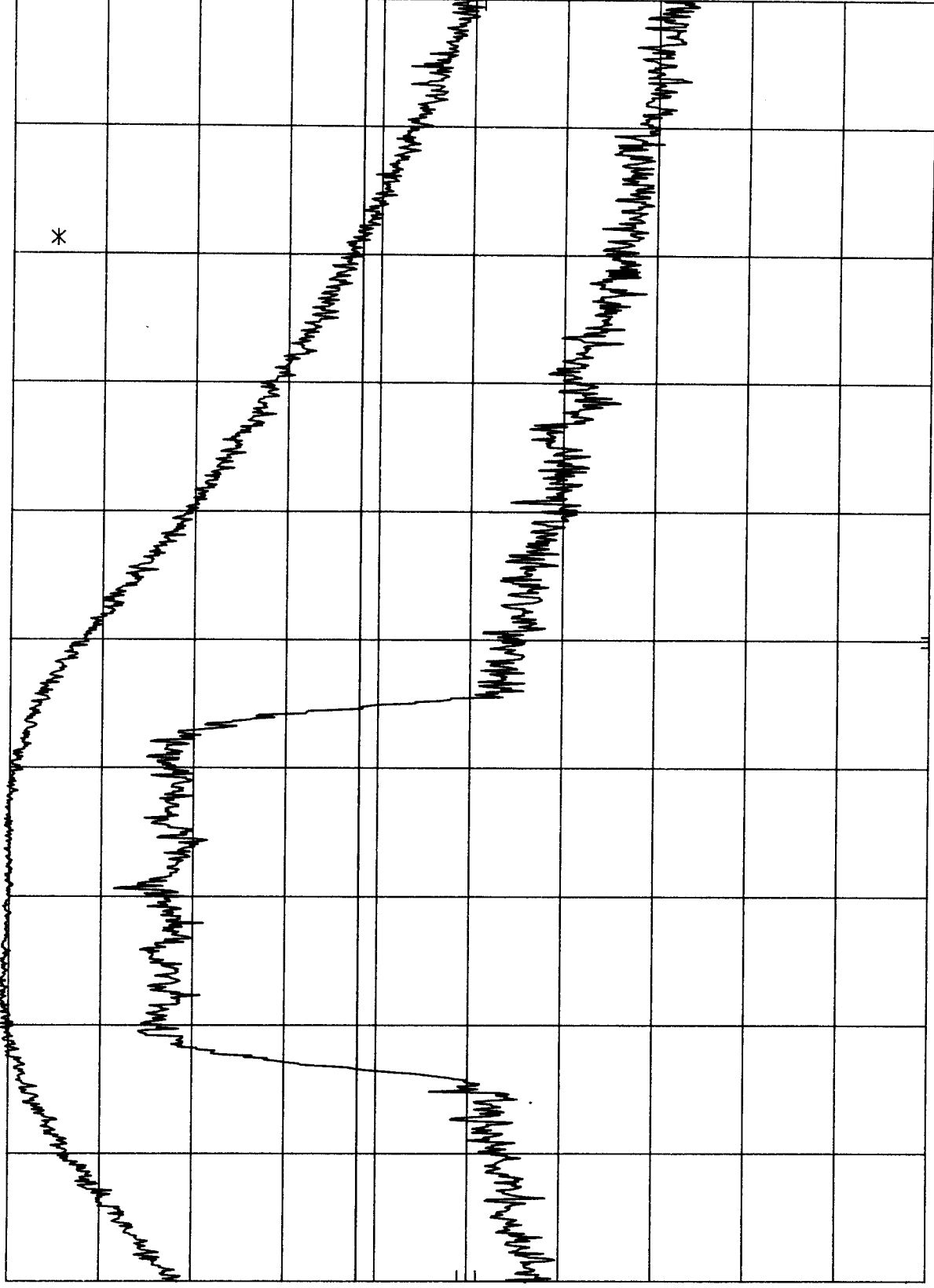
2.0

dB

DL

-13.0

dBm



CENTER 848.97 MHz

RES BW 30 KHz (i)

VBW 30 KHz

SPAN 5.00 MHz

SWP 37.5 msec

FCC ID-A3LSCH510 Ch.1011 Cond.Spur.

REF 28.0 dBm ATTN 40 dB + 20 dB

HP

10 dB/

POS PK

OFFSET

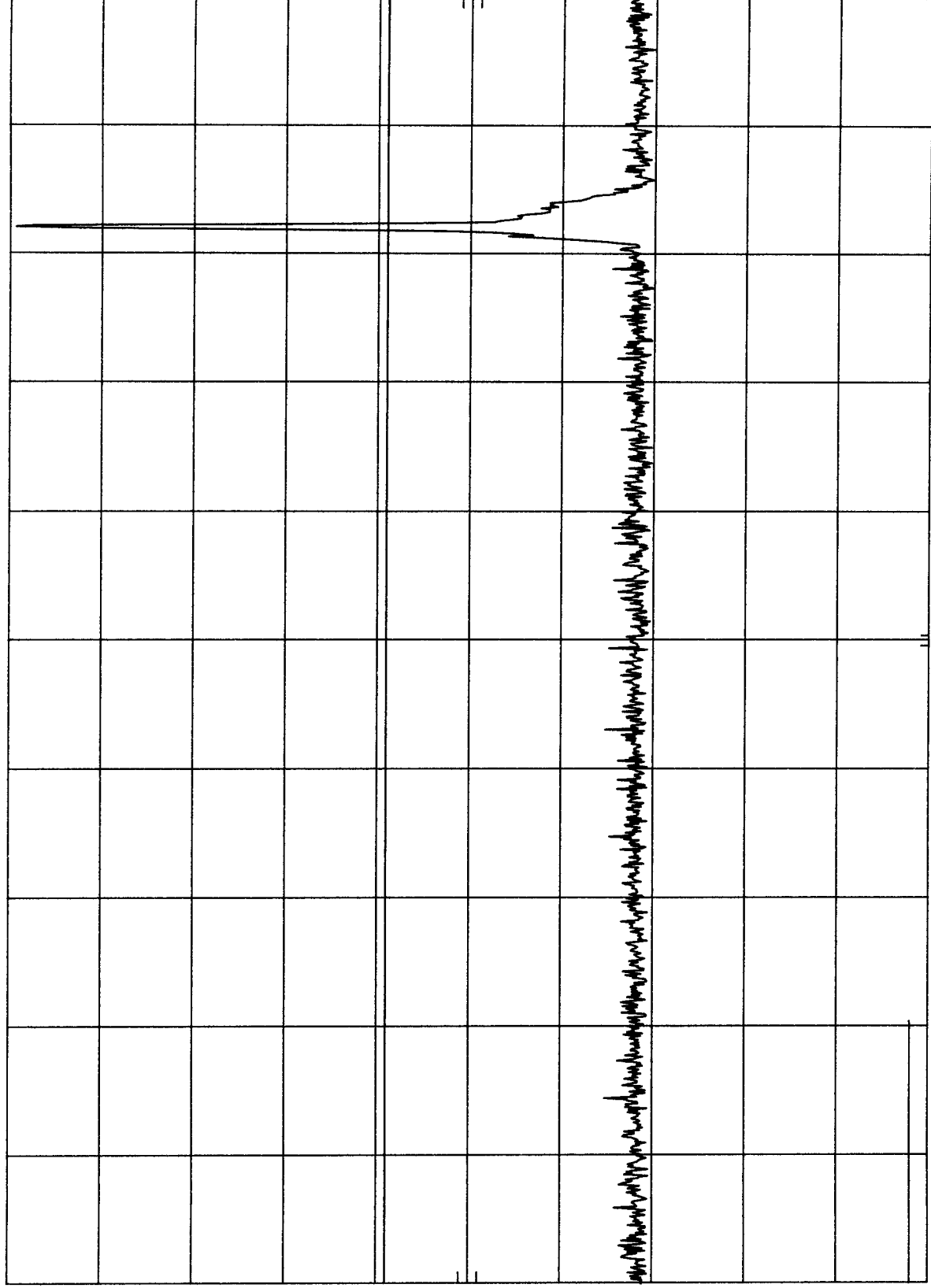
2.0

dB

DL

-13.0

dBm



START 10 MHz

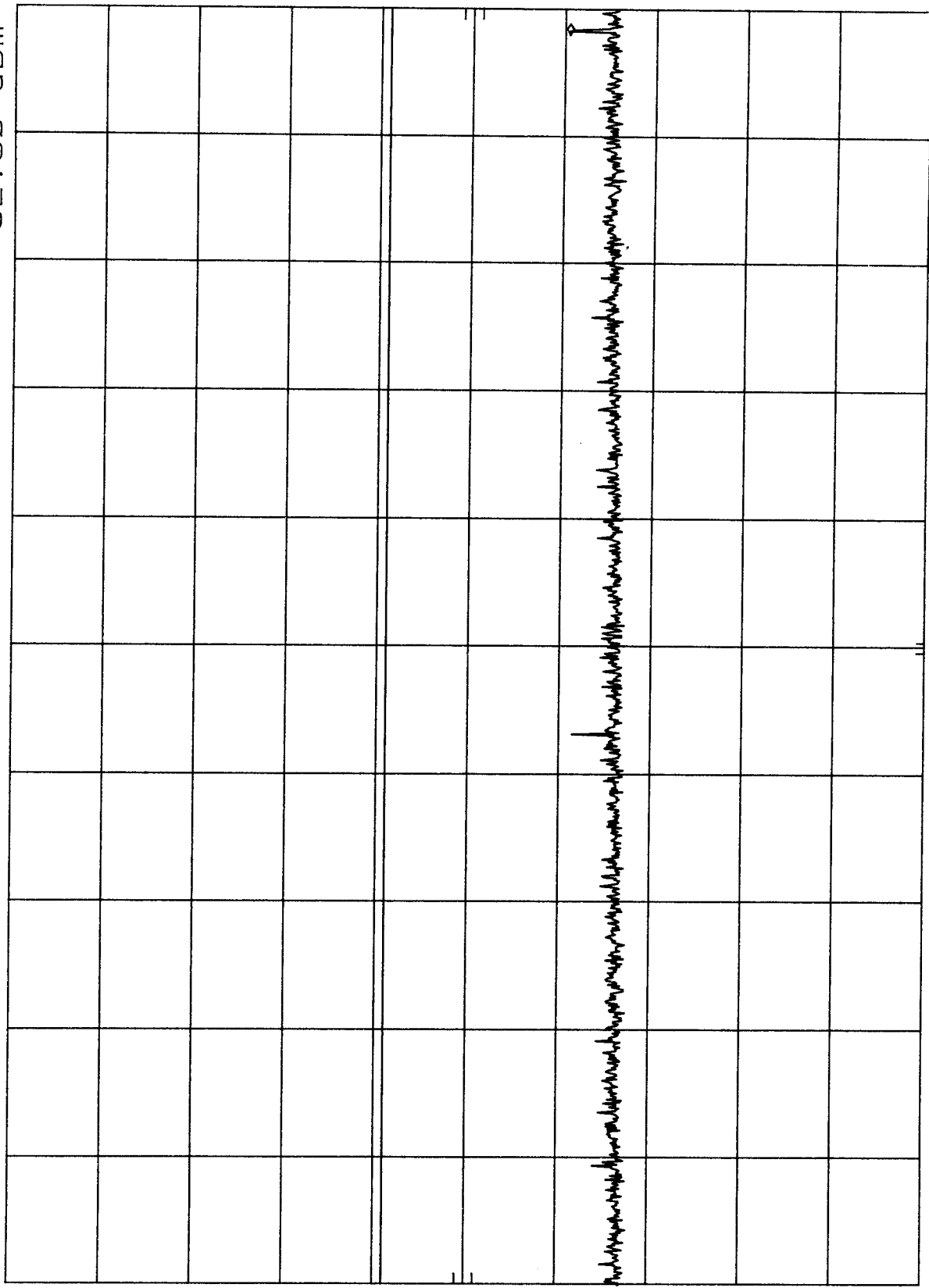
RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.000 GHz

SWP 24.8 msec

FCC ID-A3LSCH510 Ch.1011 Cond.Spur.
h_p REF 28.0 dBm ATTN 40 dB + 20 dB MKR 2.475 GHz
-32.50 dBm



10 dB/
POS PK
OFFSET
2.0
dB
DL
-13.0
dBm

START 1.00 GHz RES BW 1 MHz (i) VBW 1 MHz STOP 2.50 GHz
SWP 37.5 msec

FCC ID-A3LSCH510 Ch.1011 Cond.Spur.
h_p REF 28.0 dBm ATTN 40 dB + 20 dB MKR 6.595 GHz
-27.70 dBm

10 dB/

POS PK

OFFSET

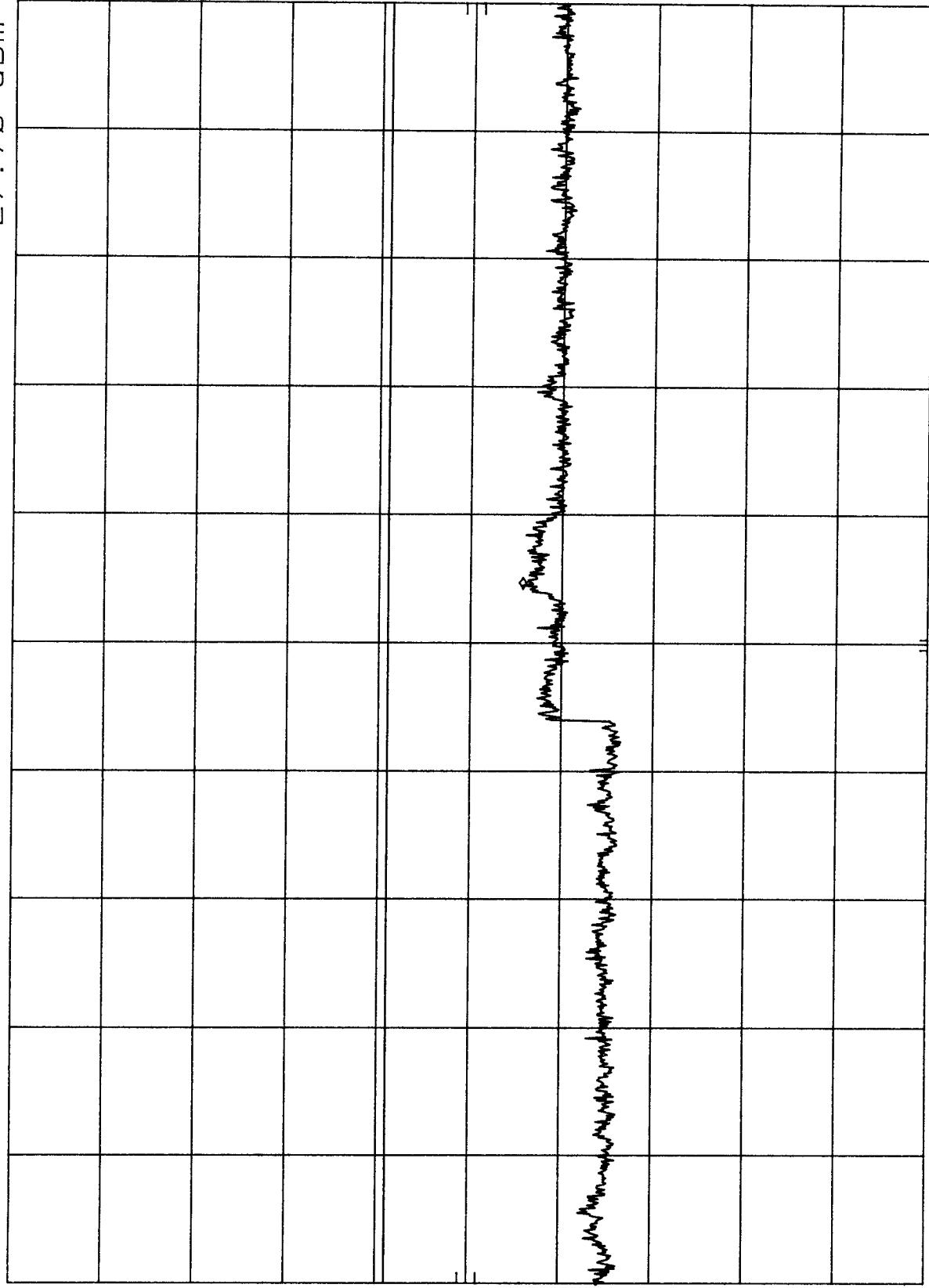
2.0

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-A3LSCH510 Ch.1011 Cond.Spur.

MKR 19.07 GHz
-19.80 dBm

REF 28.0 dBm ATTN 40 dB + 20 dB

HP

10 dB/

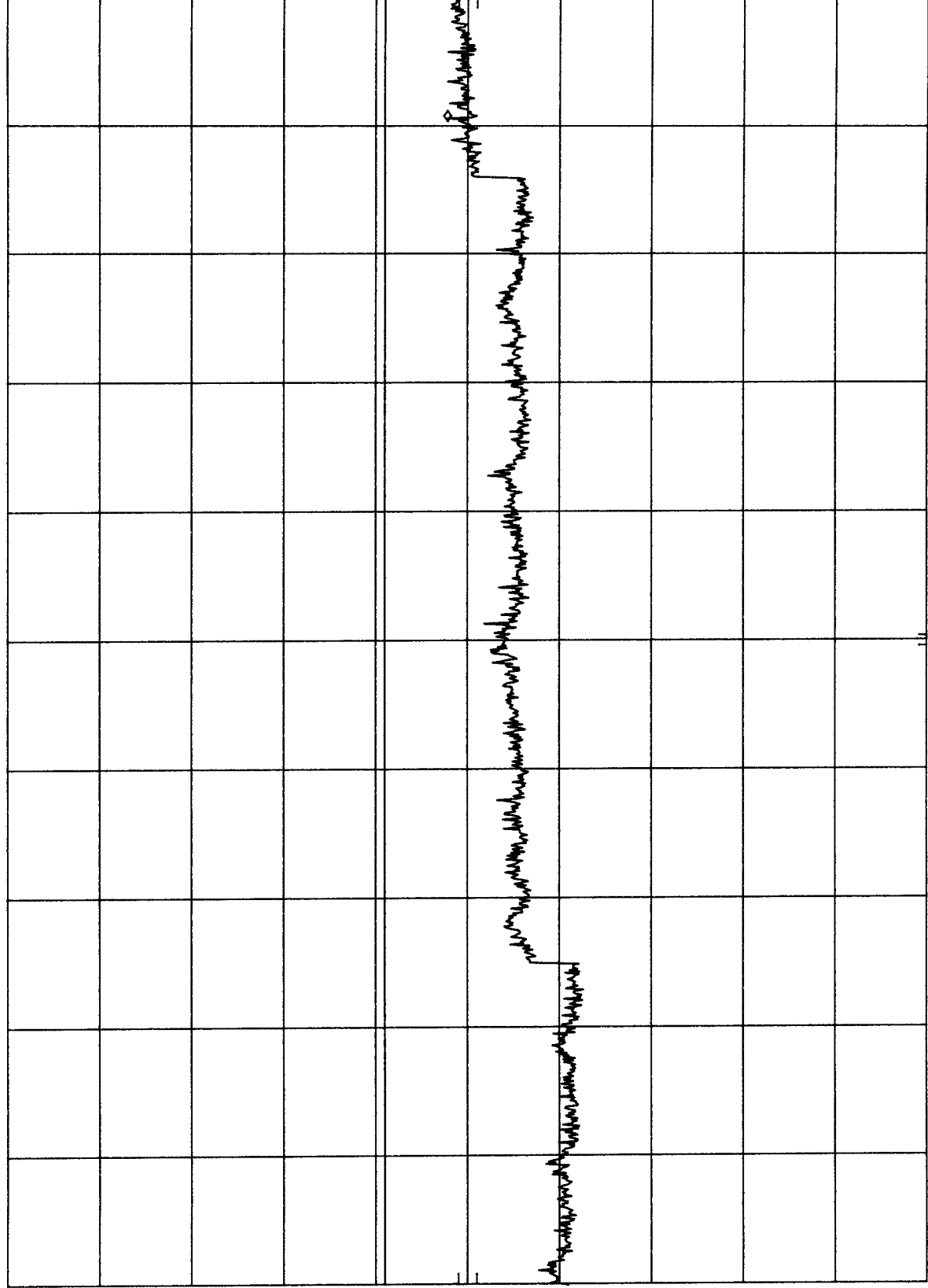
POS PK

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

FCC ID-A3LSCH510 Ch.383 Cond.Spur.
REF 28.0 dBm ATTN 40 dB + 20 dB

HP

10 dB/

POS PK

OFFSET

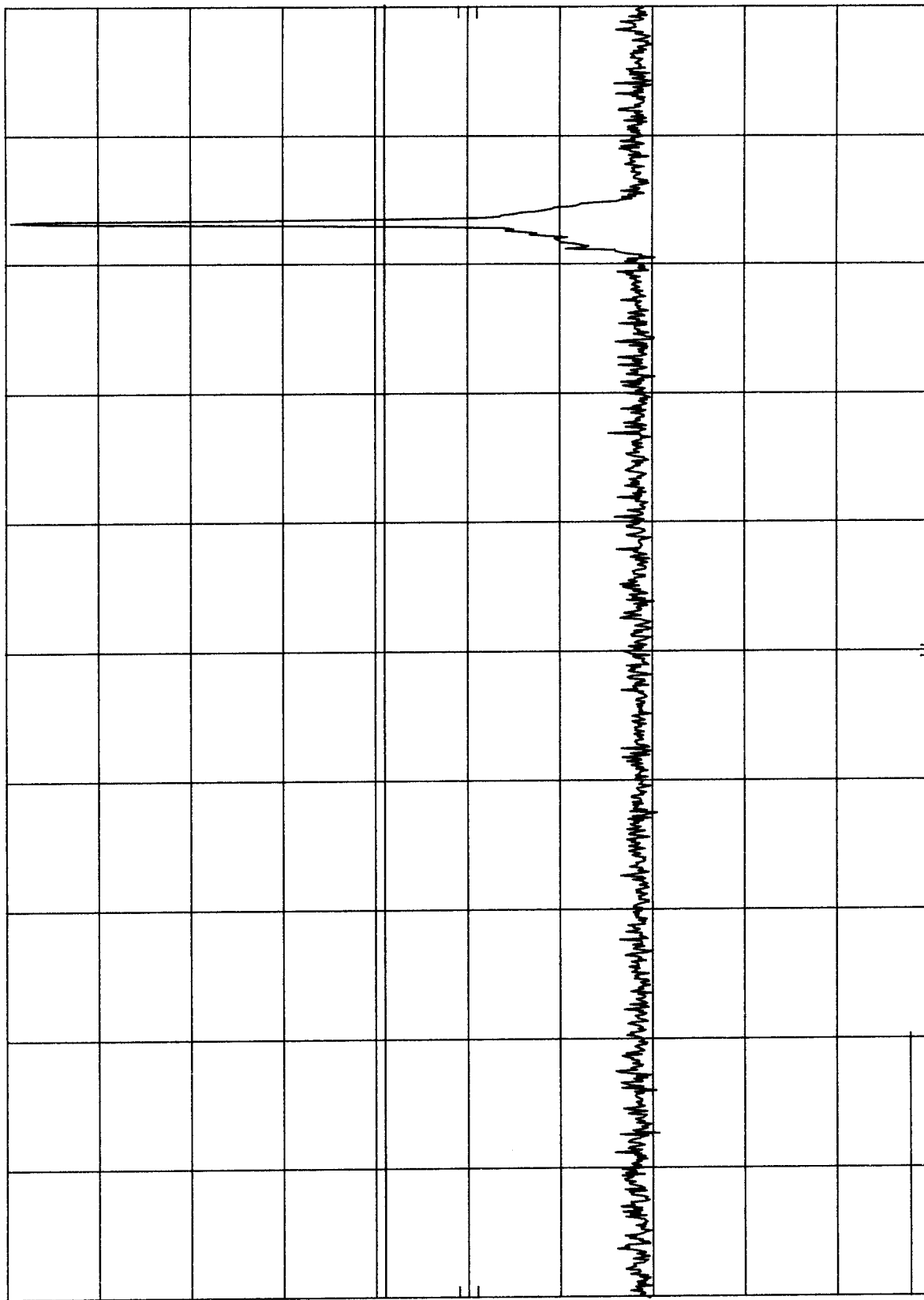
2.0

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.000 GHz

SWP 24.8 msec

FCC ID-A3LSCH510 Ch. 383 Cond. Spur.
REF 28.0 dBm ATTN 40 dB + 20 dB

MKR 1.672 GHz
-31.50 dBm

77

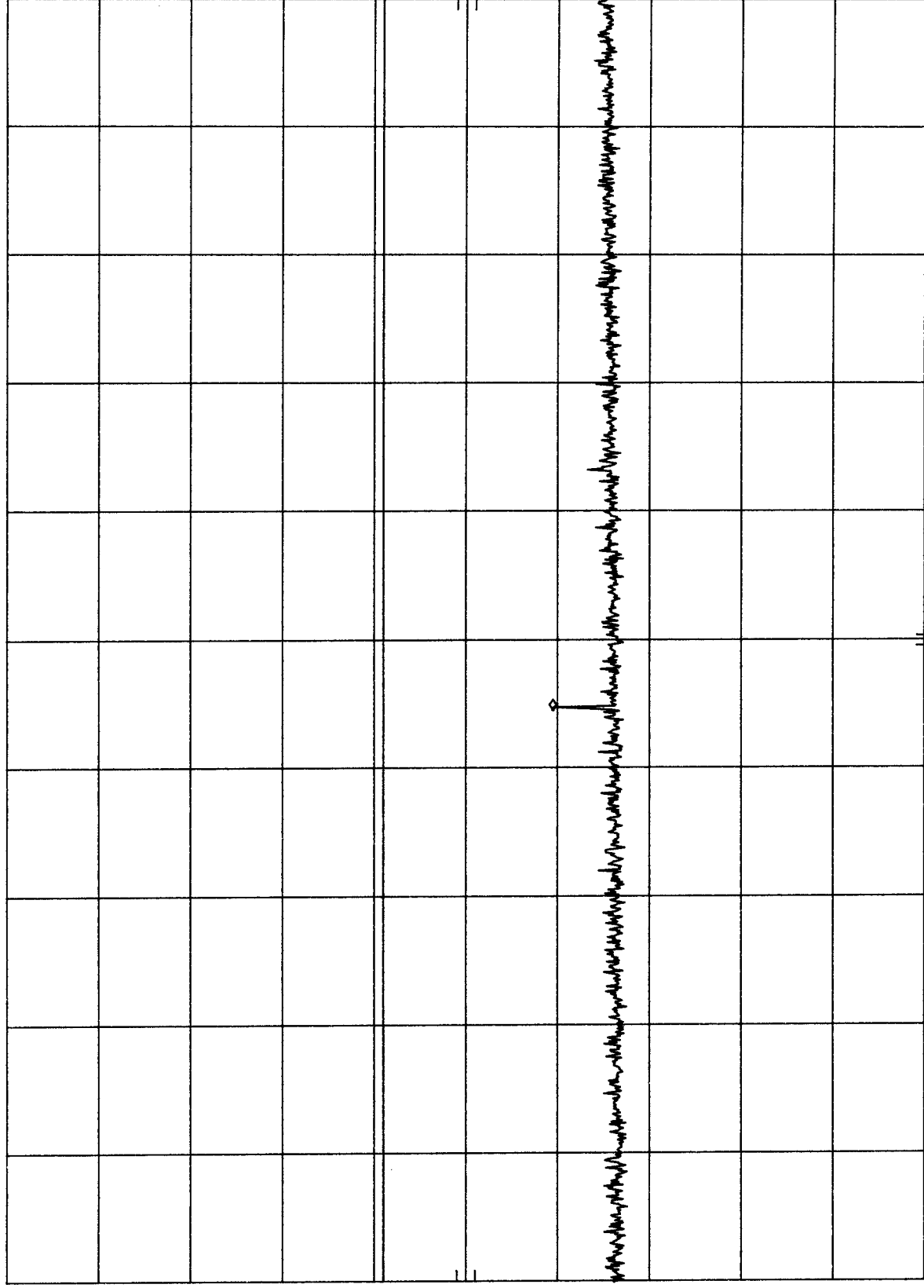
10 dB/

Y
R
S
R

TEST
OF

2. B

DL
-13.0
dBm



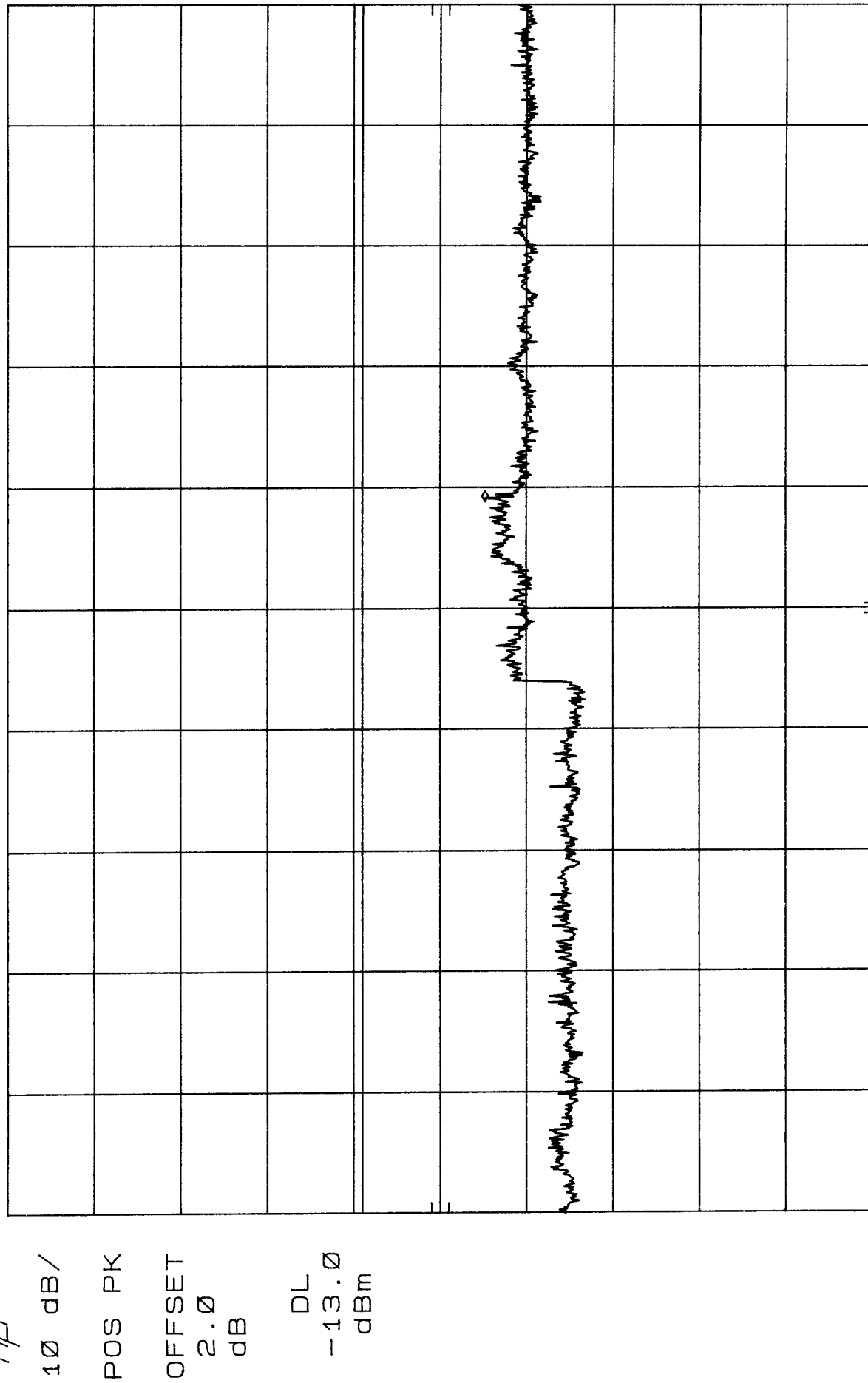
START 1.00 GHZ

RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz
SWP 37.5 msec

FCC ID-A3LSCH510 Ch.383 Cond.Spur.
hpa REF 28.0 dBm ATEN 40 dB + 20 dB MKR 6.940 GHz
-27.20 dBm



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

FCC ID-A3LSCH510 Ch.383 Cond.Spur.
REF 28.0 dBm ATTN 40 dB + 20 dB MKR 19.78 GHz
-19.30 dBm

HP

10 dB/

POS PK

OFFSET

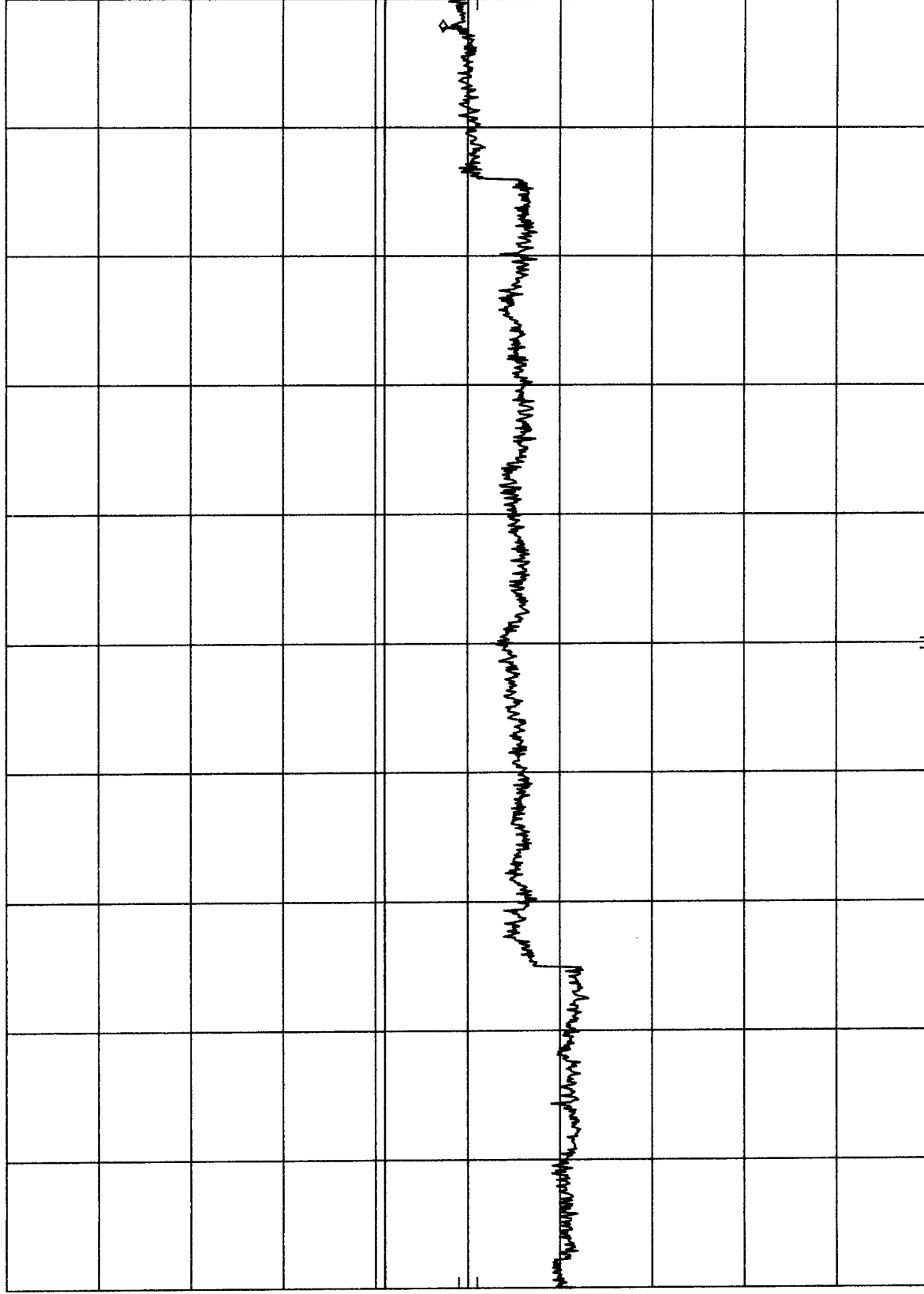
2.0

dB

DL

-13.0

dBm



START 10.0 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec

FCC ID-A3LSCH510 Ch.799 Cond.Spur.
h_p REF 28.0 dBm ATTN 40 dB + 20 dB

10 dB/

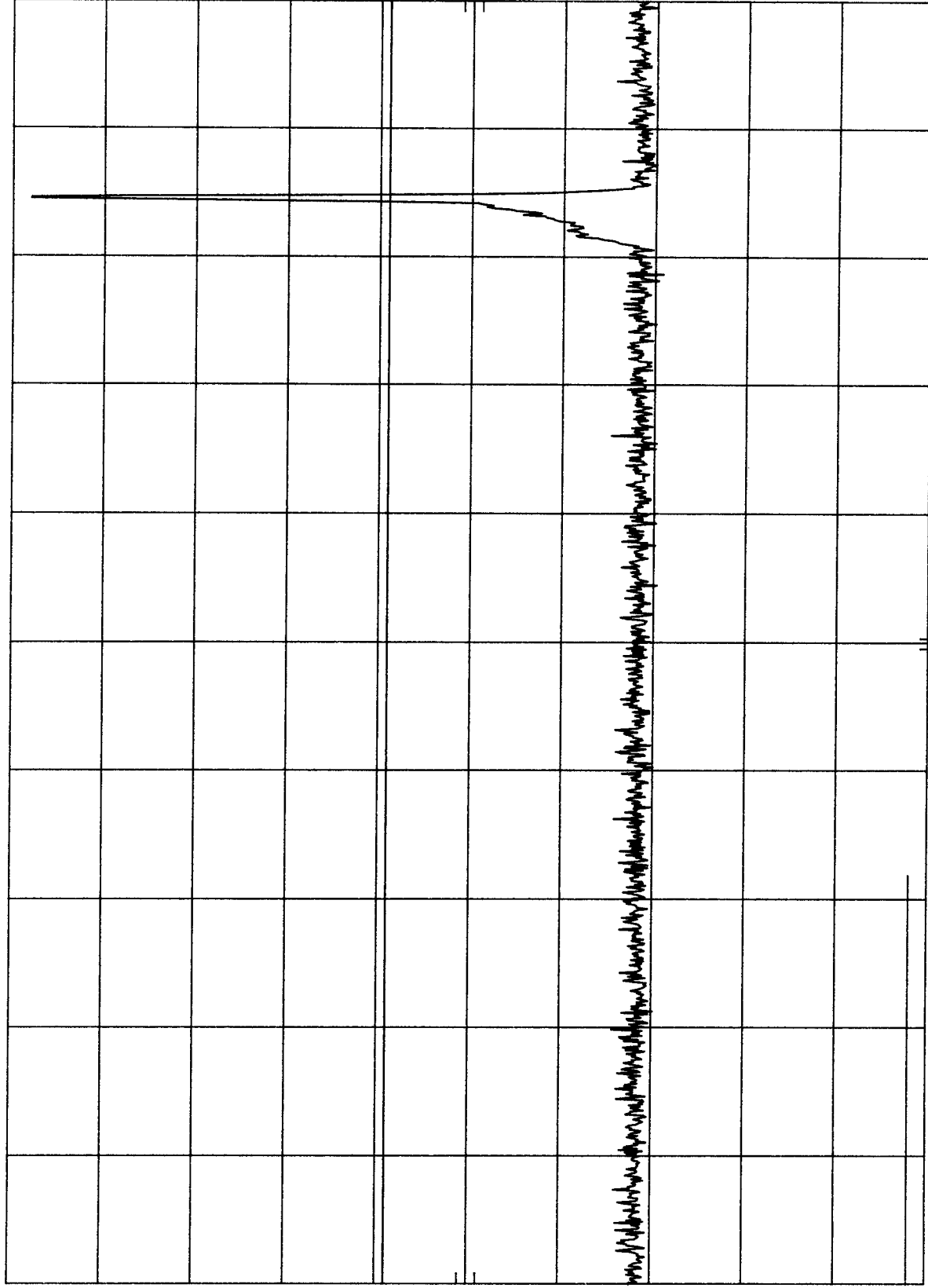
POS PK

OFFSET

2.0
dB

DL

-13.0
dBm



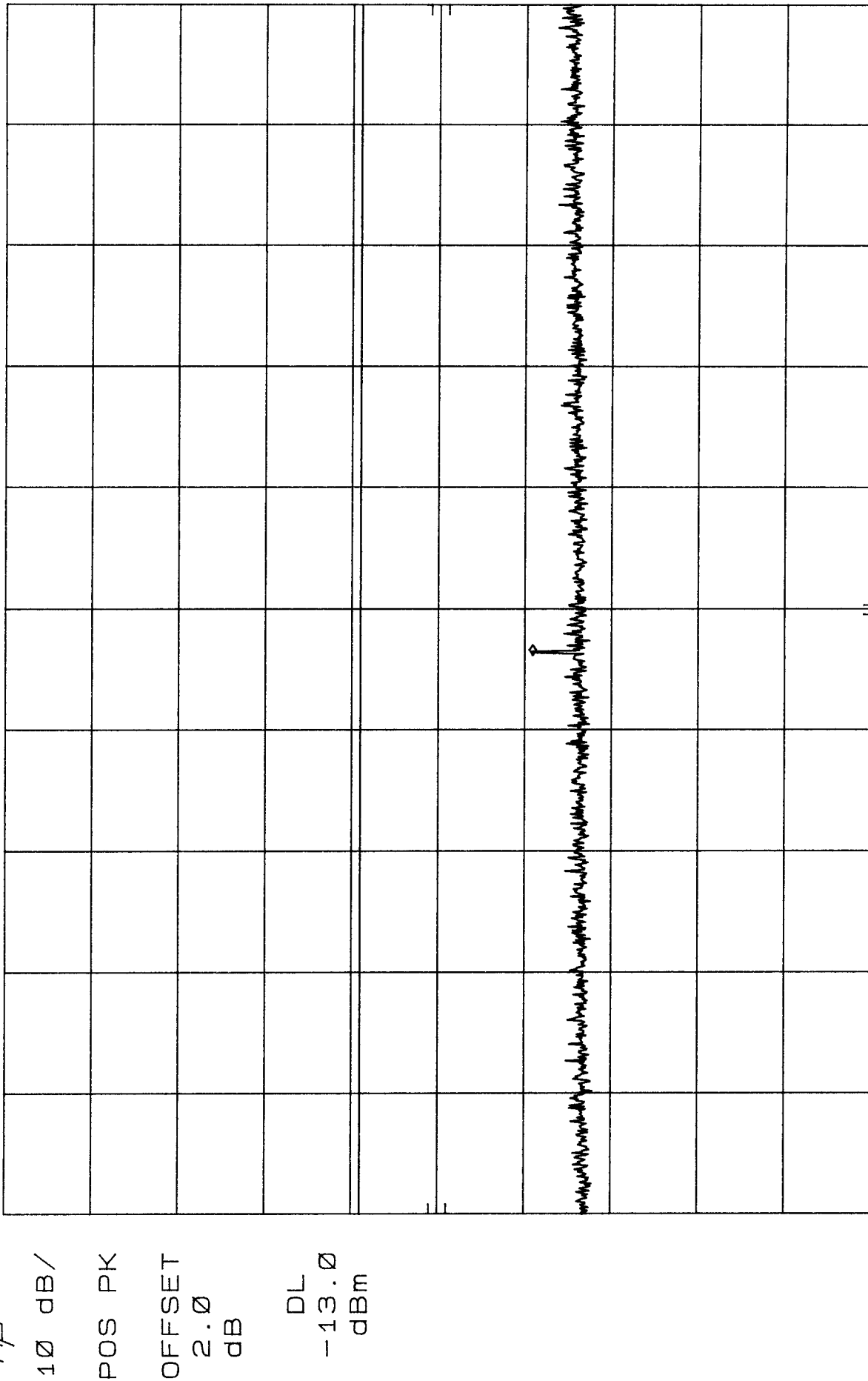
START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.000 GHz
SWP 24.8 msec

FCC ID-A3LSCH510 Ch.799 Cond.Spur.
h_p REF 28.0 dBm ATTN 40 dB + 20 dB MKR 1.698 GHz
-32.90 dBm



START 1.00 GHz RES BW 1 MHz (i) VBW 1 MHz STOP 2.50 GHz
SWP 37.5 msec

FCC ID-A3LSCH510 Ch.799 Cond.Spur.
h_p REF 28.0 dBm ATTN 40 dB + 20 dB MKR 6.625 GHz
-27.70 dBm

10 dB/

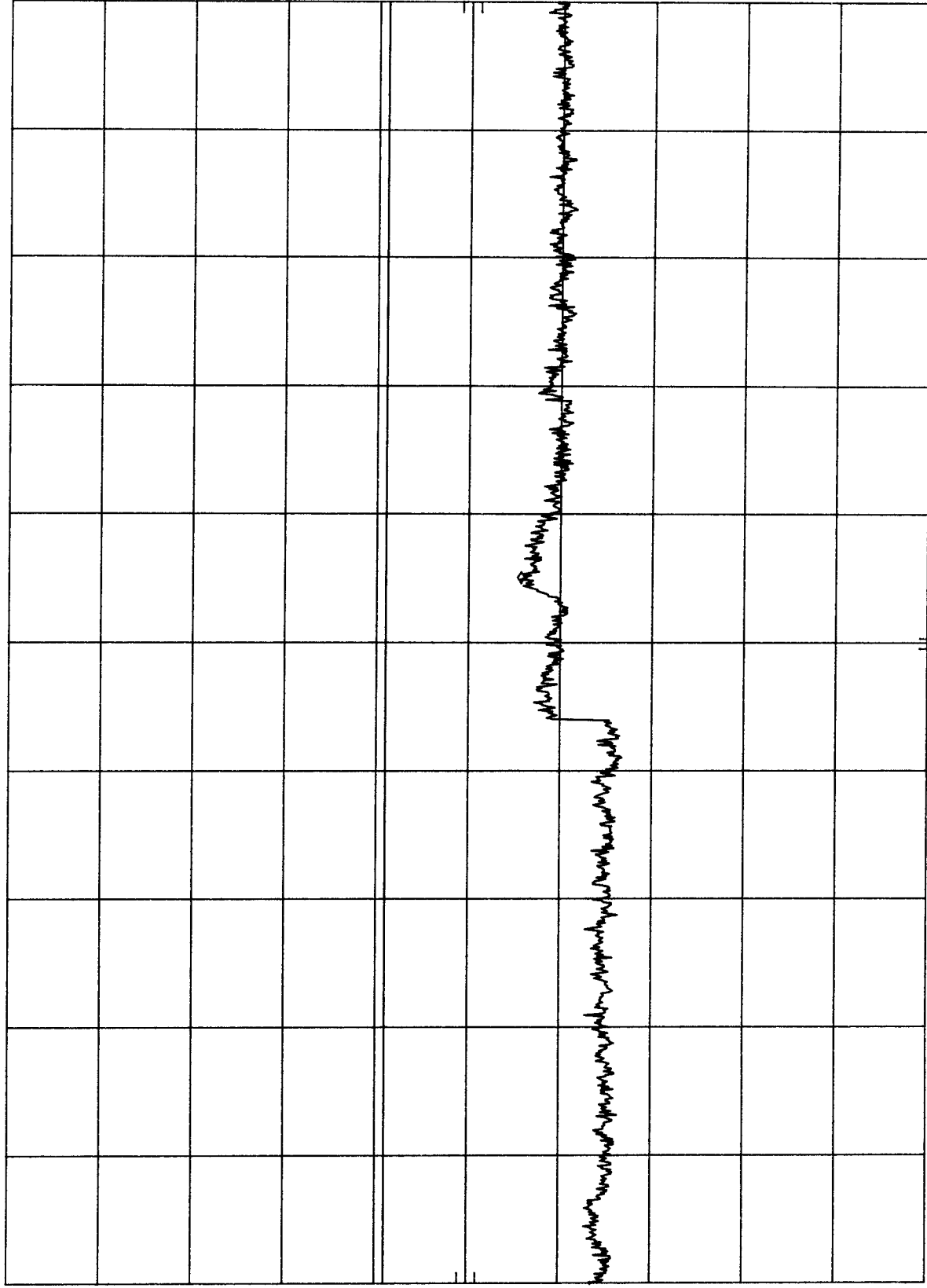
POS PK

OFFSET

2.0
dB

DL

-13.0
dBm



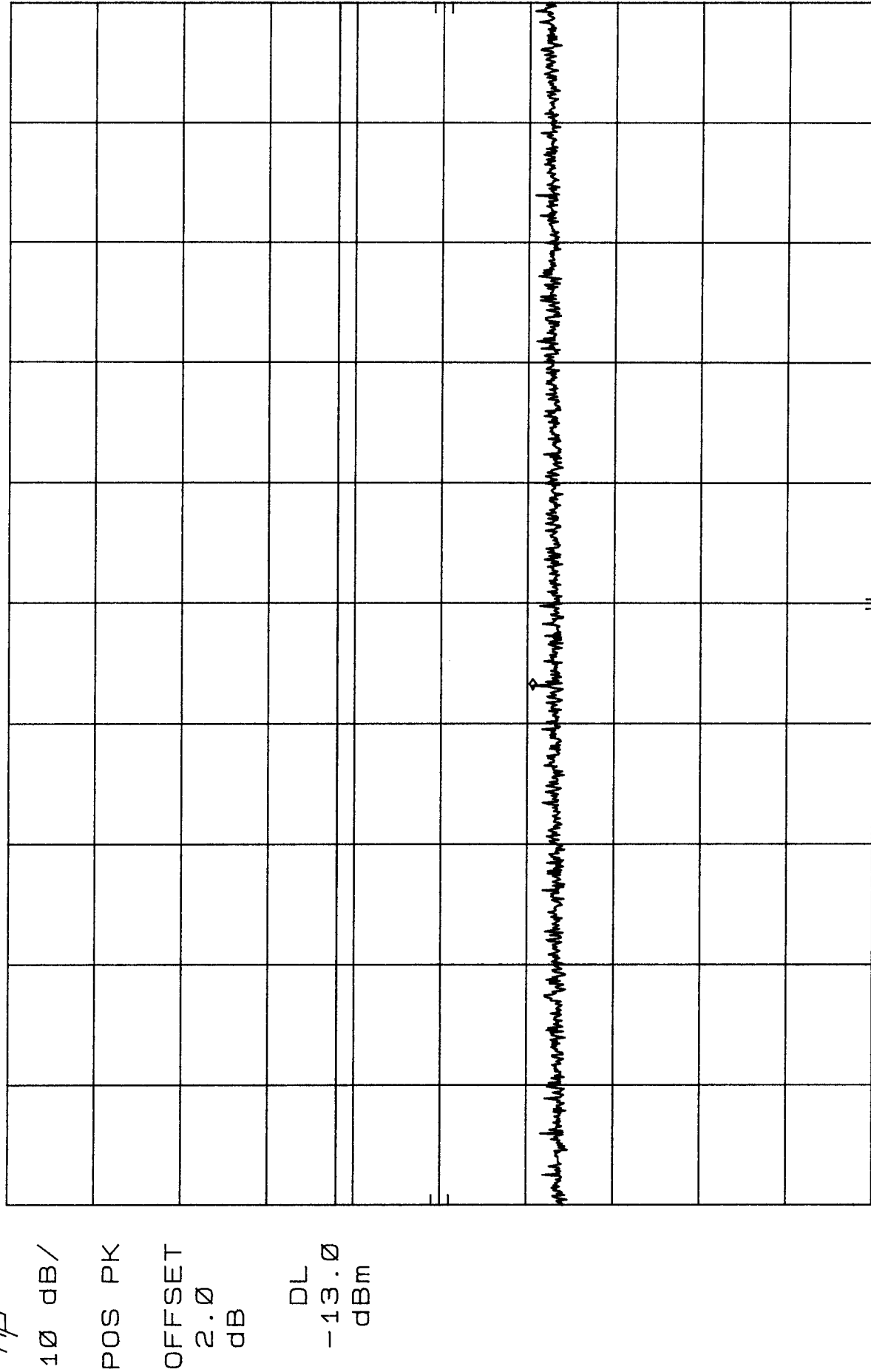
START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

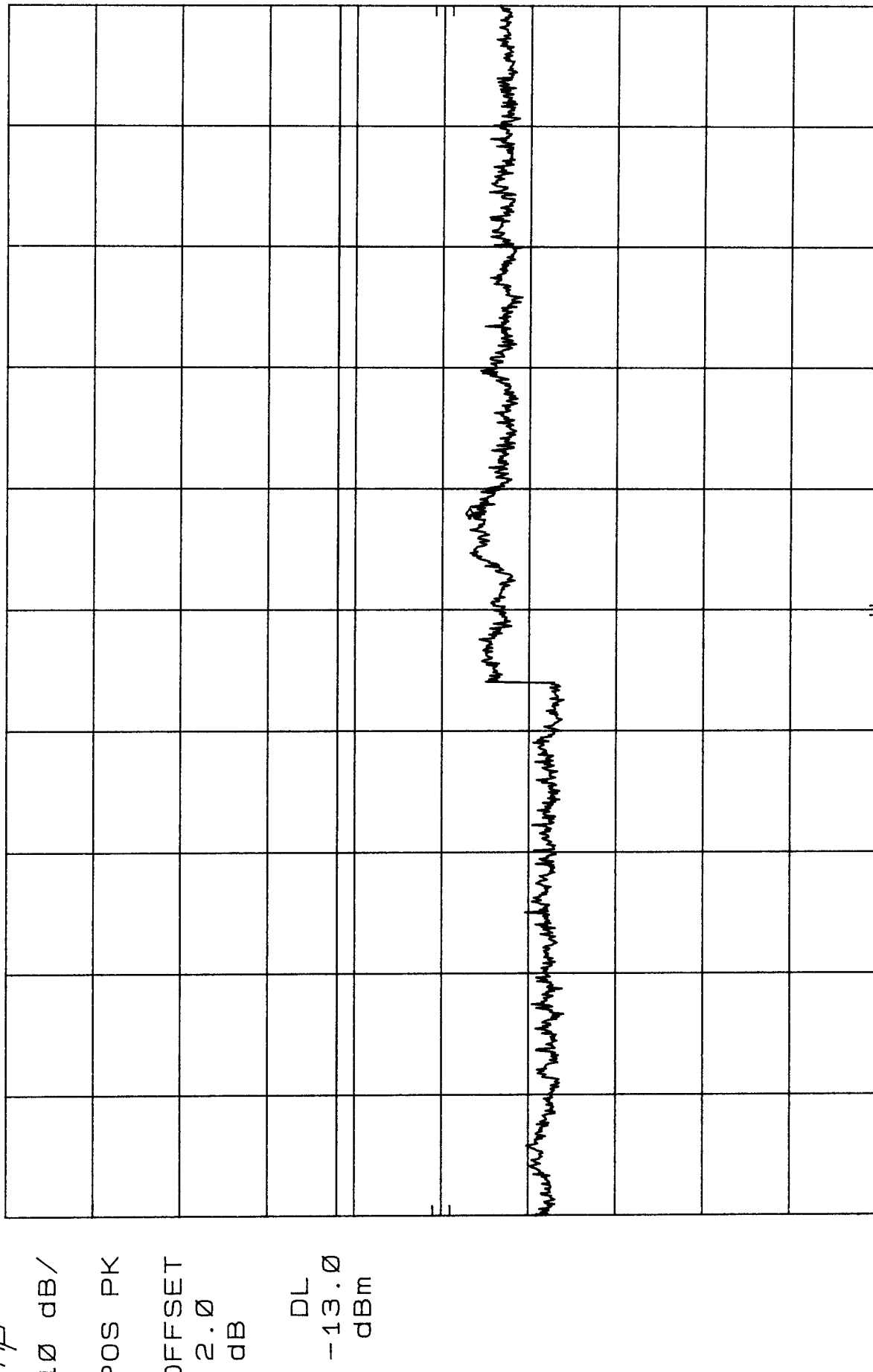
STOP 10.00 GHz
SWP 188 msec

FCC ID-A3LSCH510 Ch.1011 Cond.Spur.
h_p REF 25.0 dBm ATTEN 40 dB + 20 dB MKR 1.648 GHz
-35.60 dBm



RES BW 1 MHz (i) VBW 1 MHz STOP 2.50 GHz
SWP 37.5 msec

FCC ID-A3LSCH510 Ch.1011 Cond.Spur.
h_p REF 25.0 dBm ATTN 40 dB + 20 dB MKR 6.843 GHz
-28.10 dBm



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

FCC ID-A3LSCH510 Ch.383 Cond.Spur.
REF 25.0 dBm ATTN 40 dB + 20 dB

h_p

10 dB/

POS PK

OFFSET

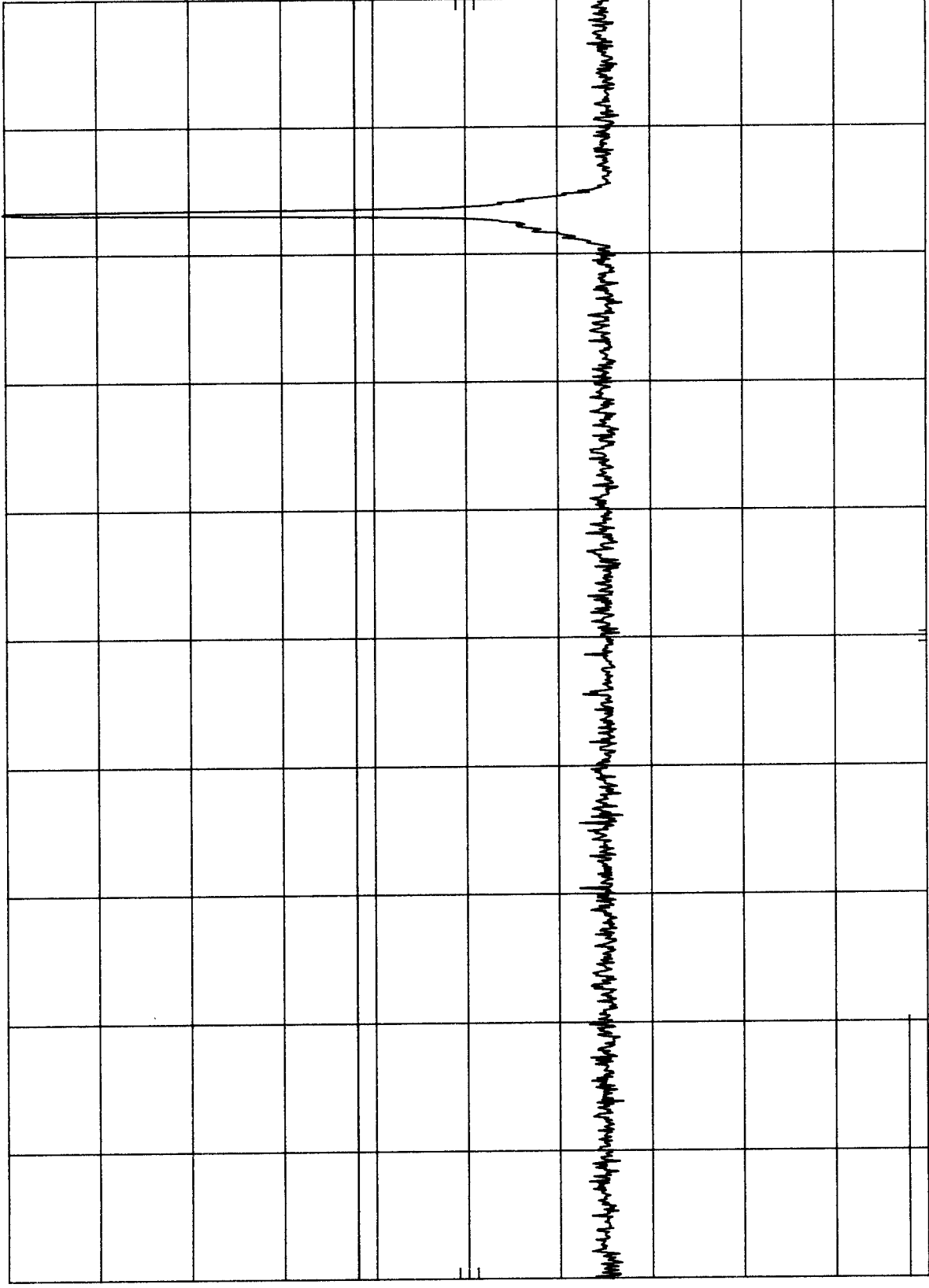
2.0

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.000 GHz

SWP 24.8 msec

FCC ID-A3LSCH510 Ch.383 Cond.Spur.
REF 25.0 dBm ATTN 40 dB + 20 dB

MKR 1.672 GHz
-34.60 dBm

HP

10 dB/

POS PK

OFFSET

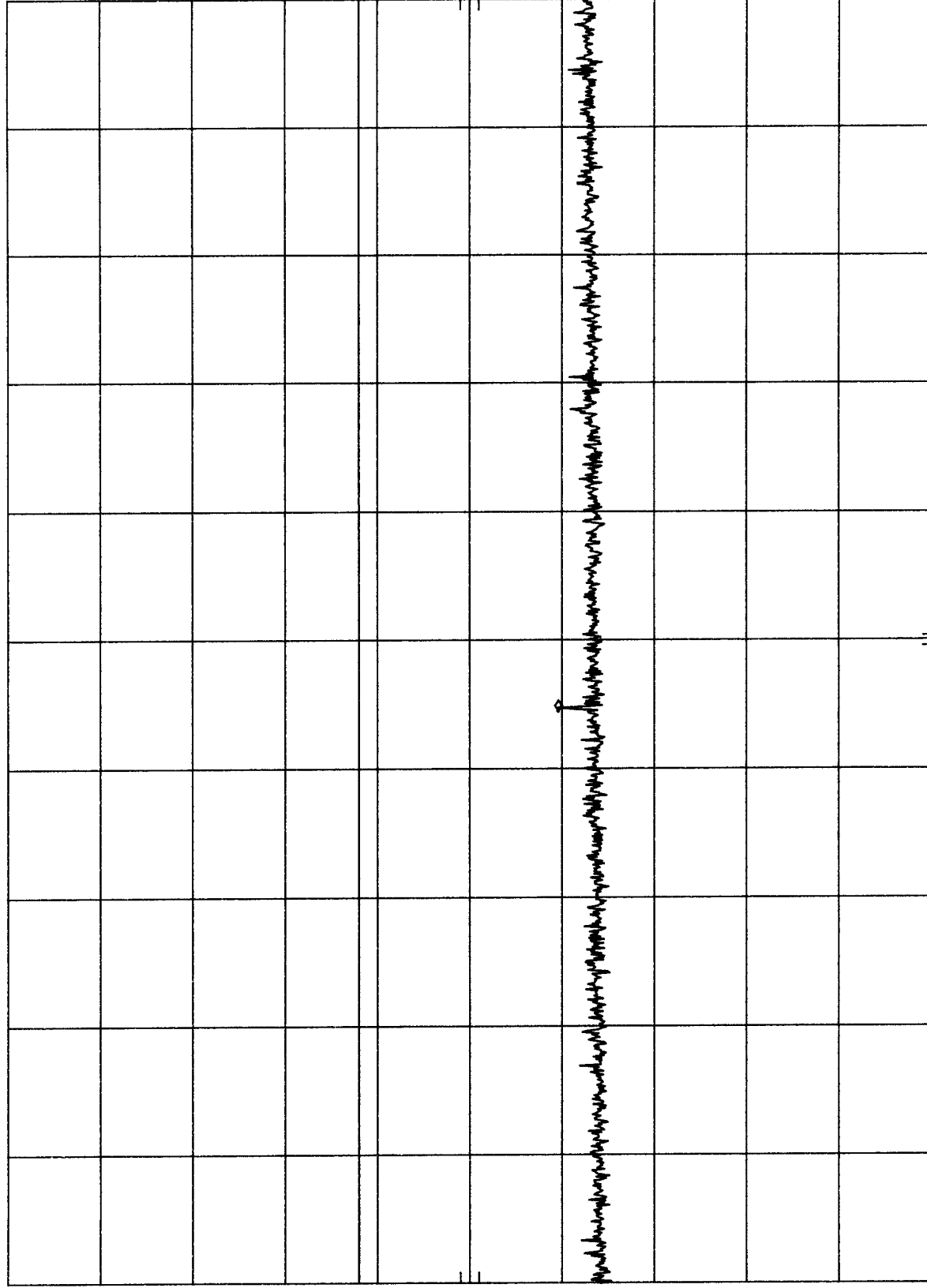
2.0

dB

DL

-13.0

dBm



START 1.00 GHz

RES BW 1 MHz (i)

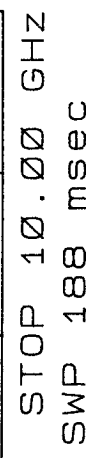
VBW 1 MHz

STOP 2.50 GHz

SWP 37.5 msec

MKR 6.625 GHz
-27.90 dBm

DL
-13.0
dBm



FCC ID-A3LSCH510 Ch.383 Cond.Spur.
REF 25.0 dBm ATTEN 40 dB + 20 dB

h_p MKR 19.27 GHz
-19.90 dBm

10 dB/

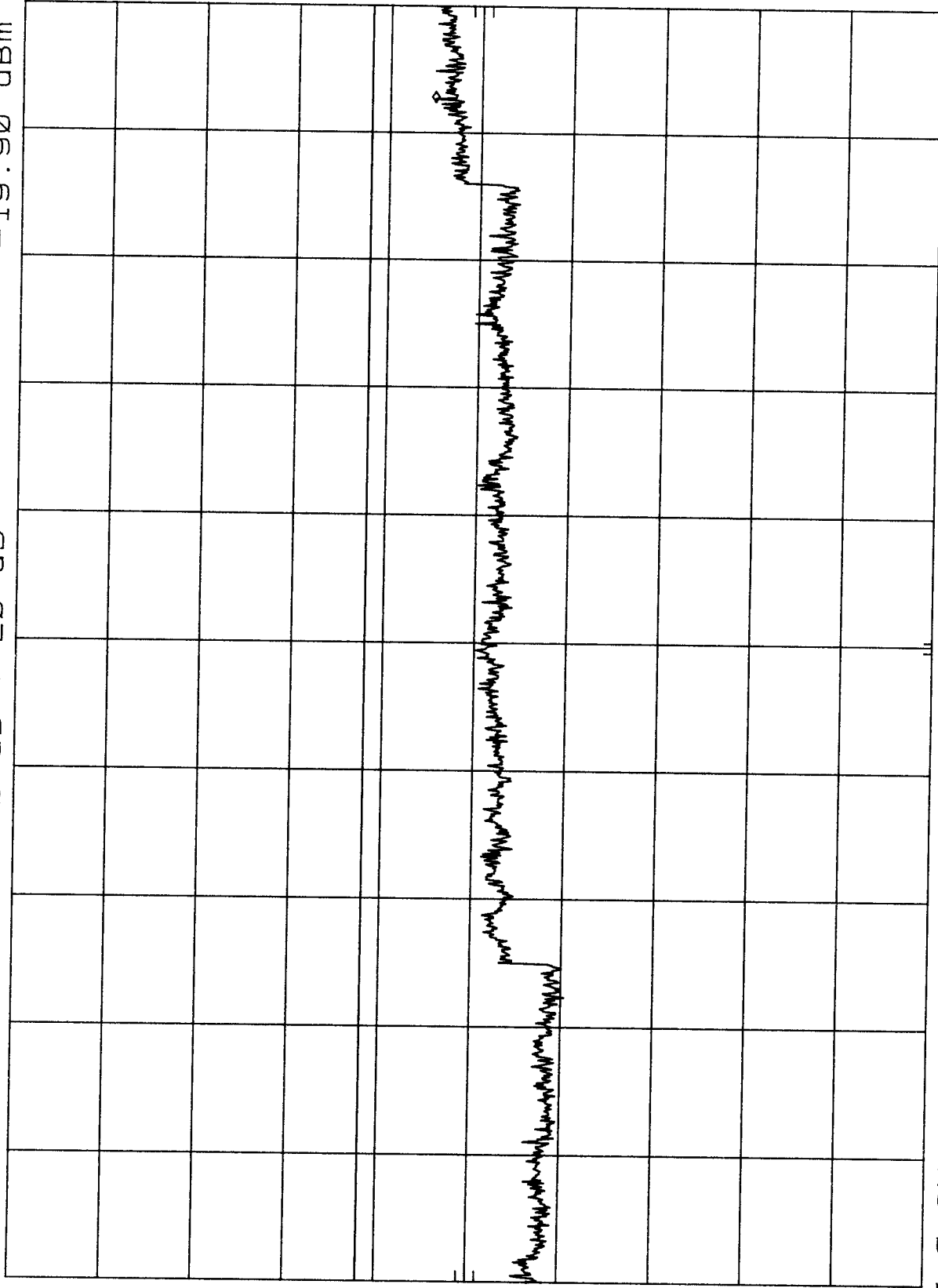
POS PK

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

FCC ID-A3LSCH510 Ch.799 Cond.Spur.
h_p REF 25.0 dBm ATTN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

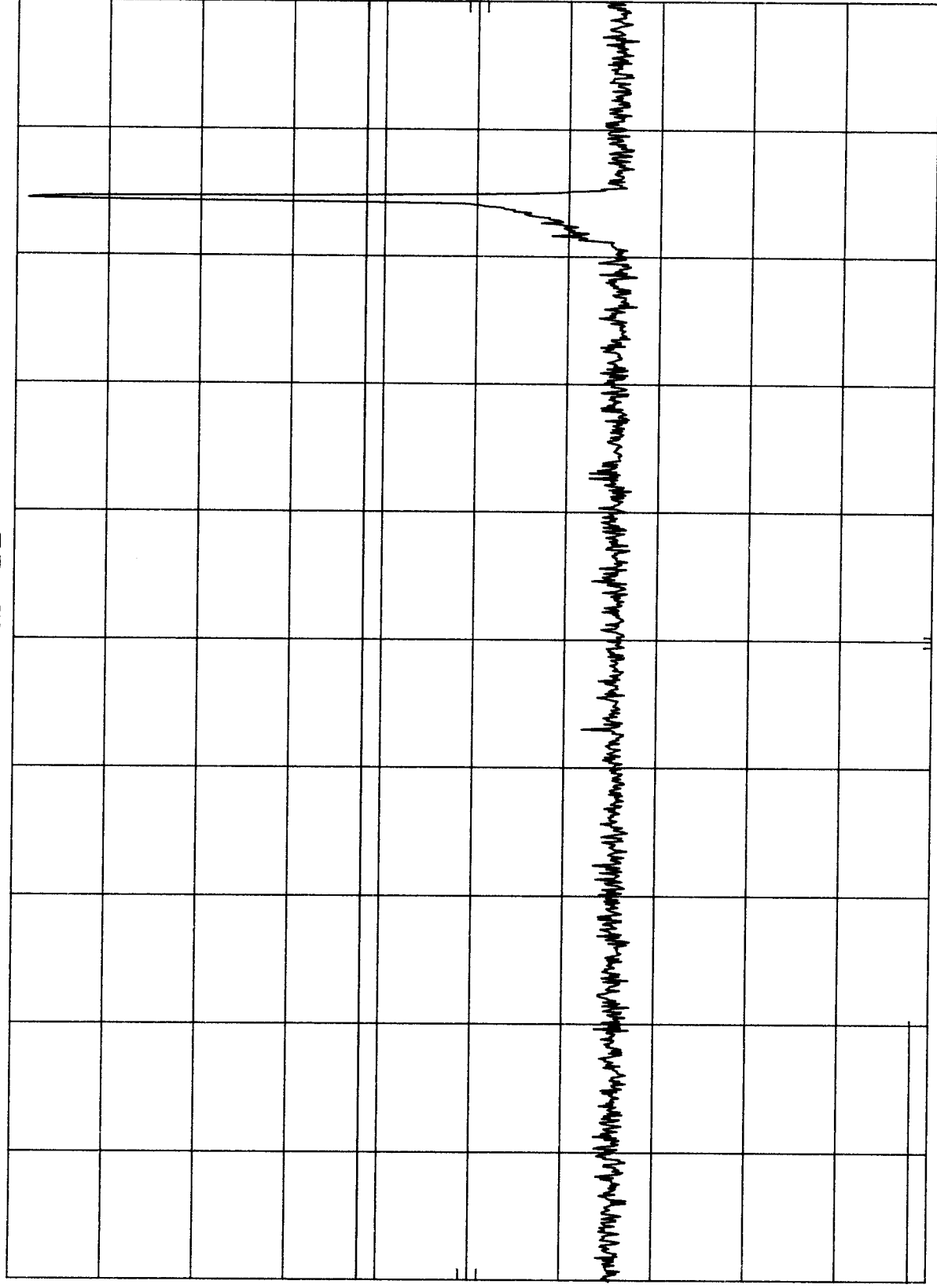
2.0

dB

DL

-13.0

dBm



START 10 MHz

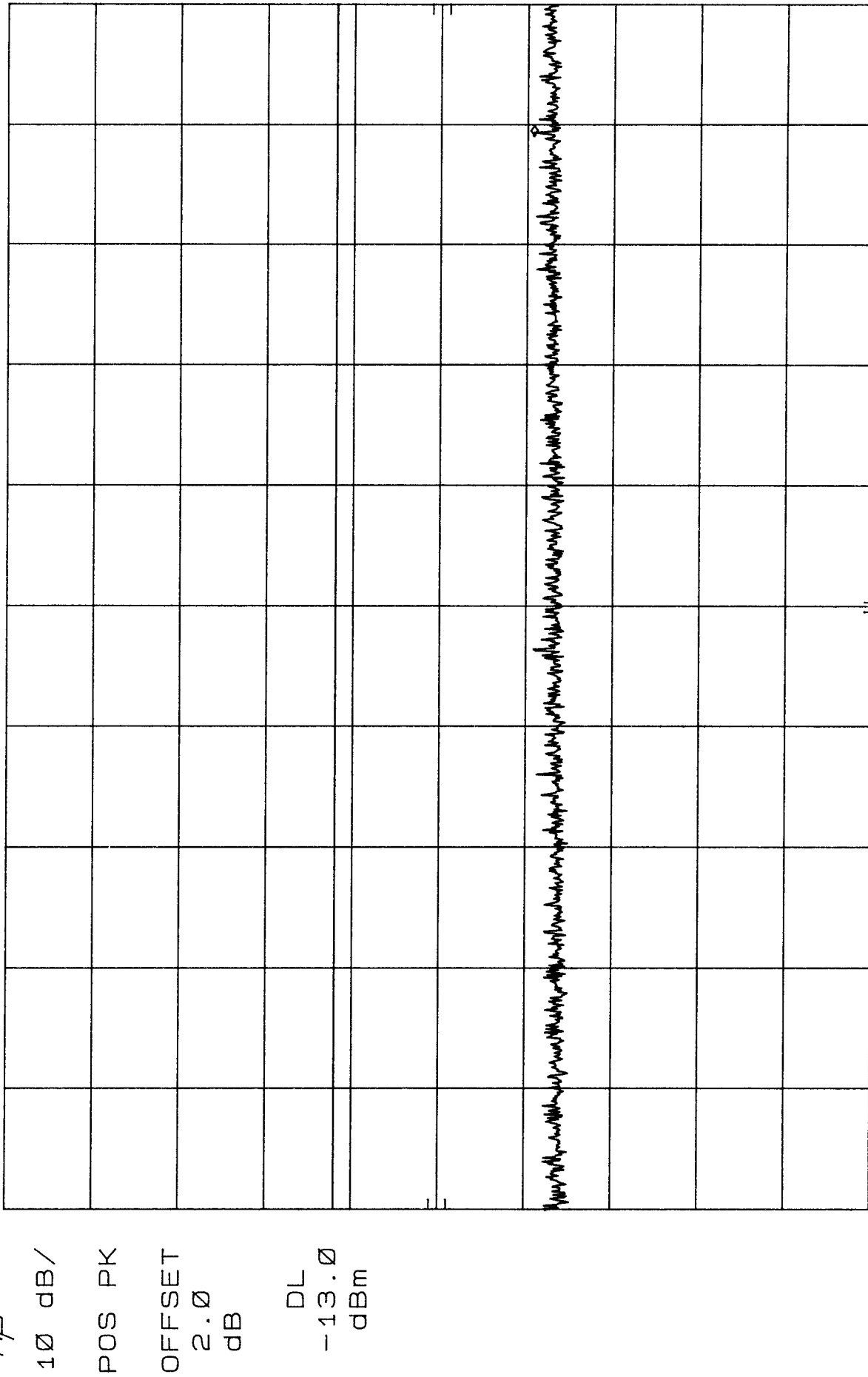
RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.000 GHz

SWP 24.8 msec

FCC ID-A3LSCH510 Ch.799 Cond.Spur.
 REF 25.0 dBm ATTEN 40 dB + 20 dB MKR 2.341 GHz
 h_p -35.70 dBm



START 1.00 GHz RES BW 1 MHz (i) STOP 2.50 GHz
 VBW 1 MHz SWP 37.5 msec

FCC ID-A3LSCH510 Ch.799 Cond.Spur.
h_p REF 25.0 dBm ATTN 40 dB + 20 dB MKR 6.678 GHz
-27.90 dBm

10 dB/

POS PK

OFFSET

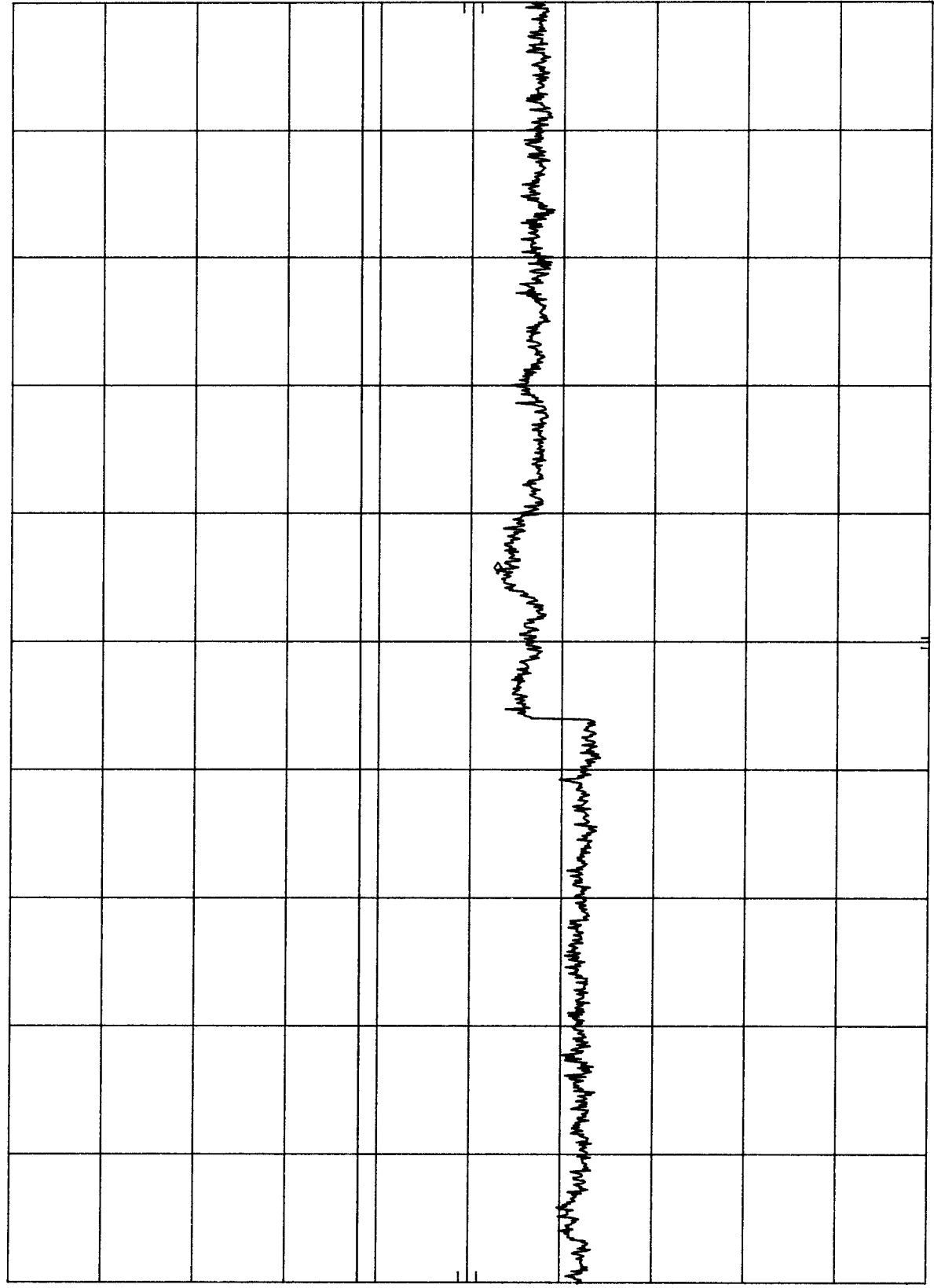
2.0

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-A3LSCH510 Ch.799 Cond.Spur.
hpf REF 25.0 dBm ATTN 40 dB + 20 dB MKR 19.86 GHz
-20.30 dBm

10 dB/

POS PK

OFFSET

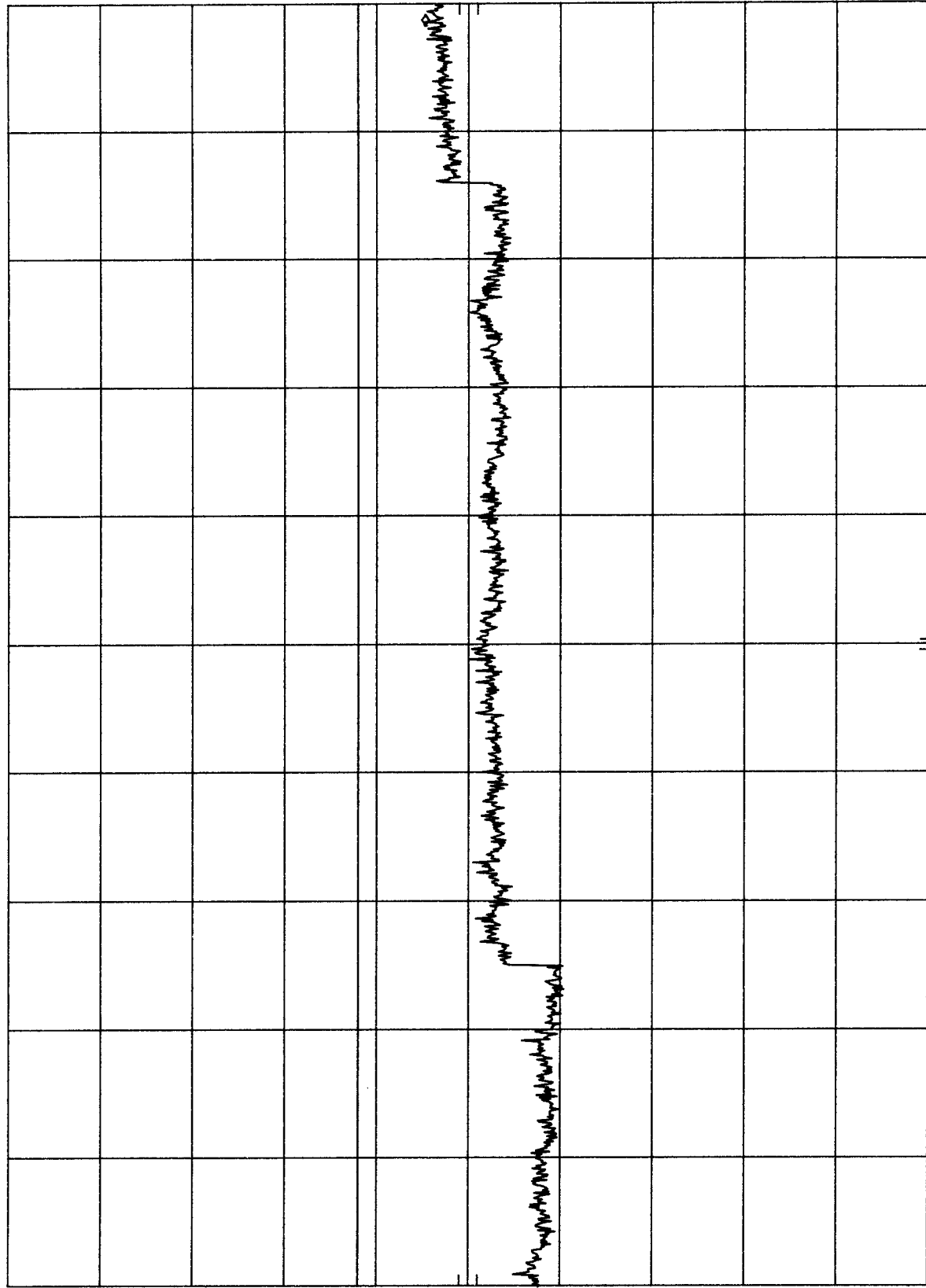
2.0

dB

DL

-13.0

dBm



START 10.0 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec