

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8600

SAMSUNG TRI-MODE PHONE

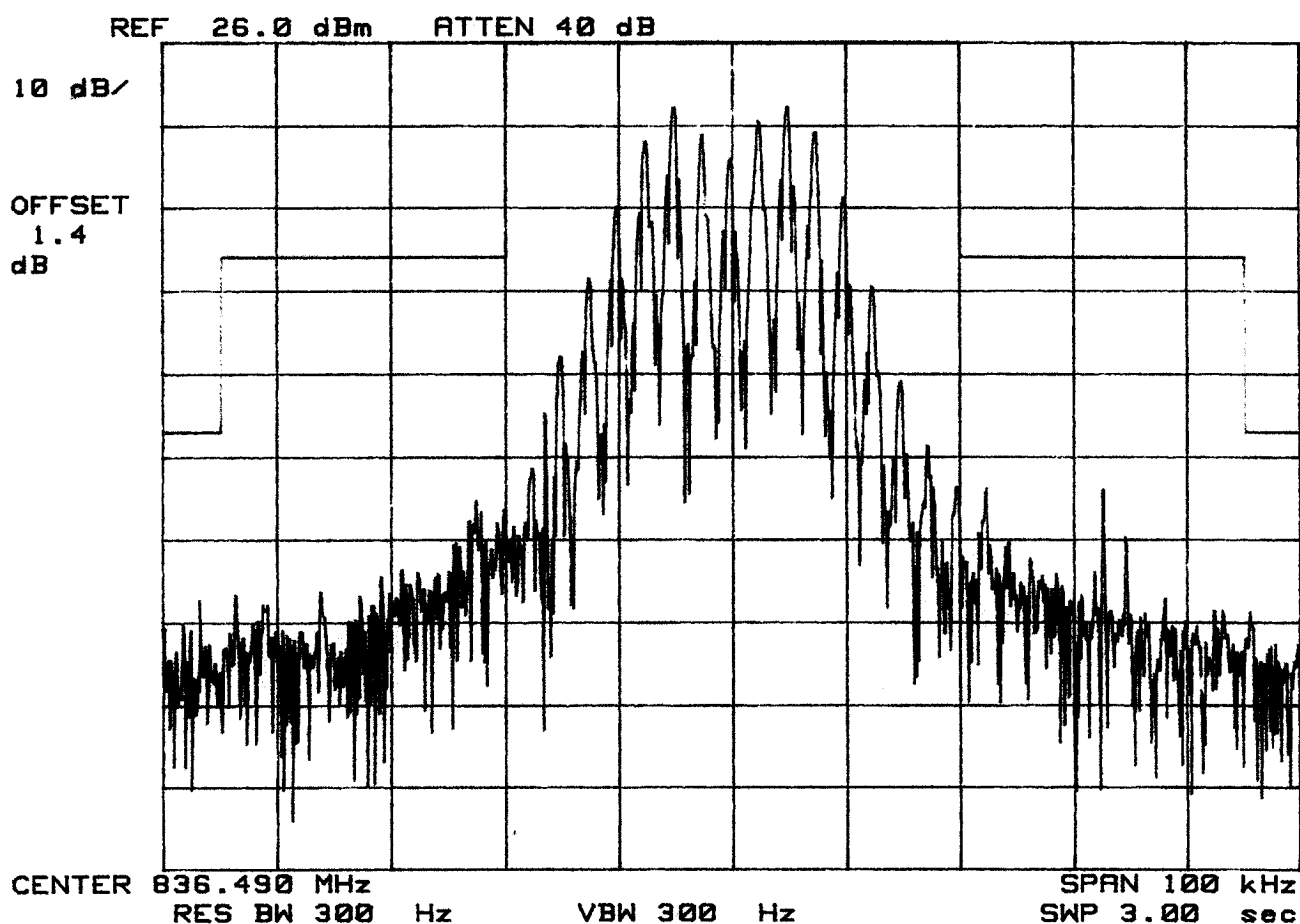
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8600

SAMSUNG TRI-MODE PHONE

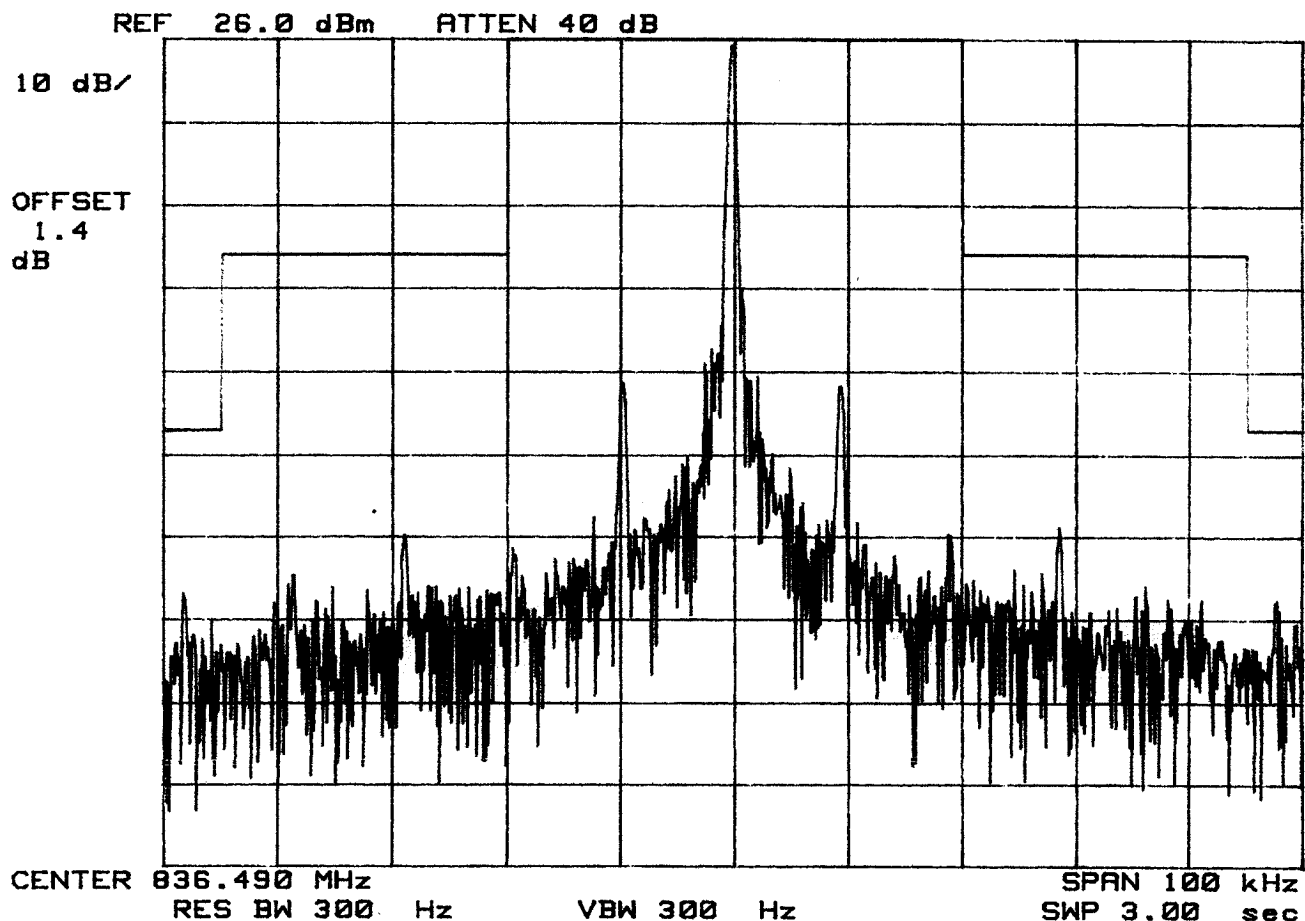
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8600

SAMSUNG TRI-MODE PHONE

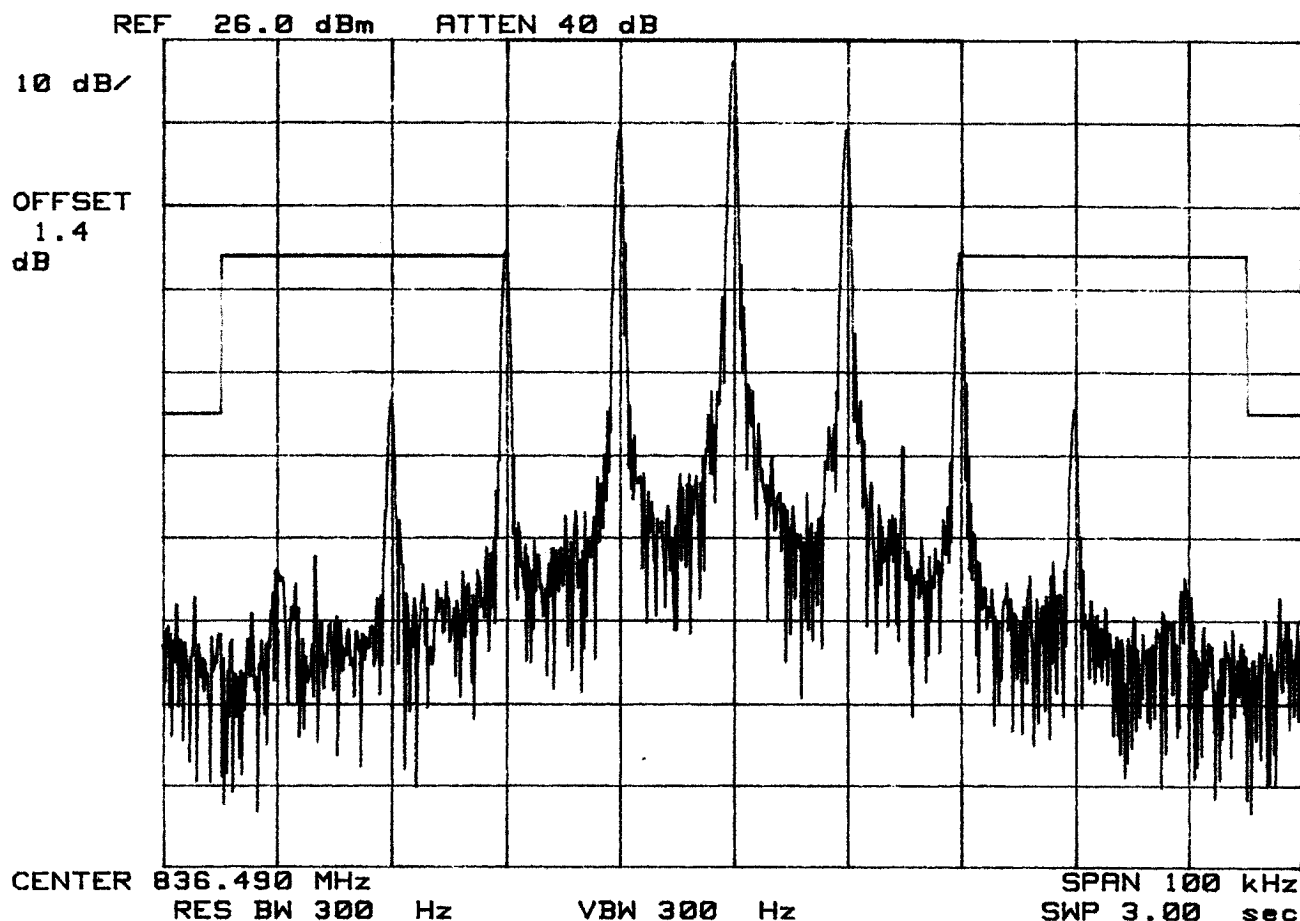
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8600

SAMSUNG TRI-MODE PHONE

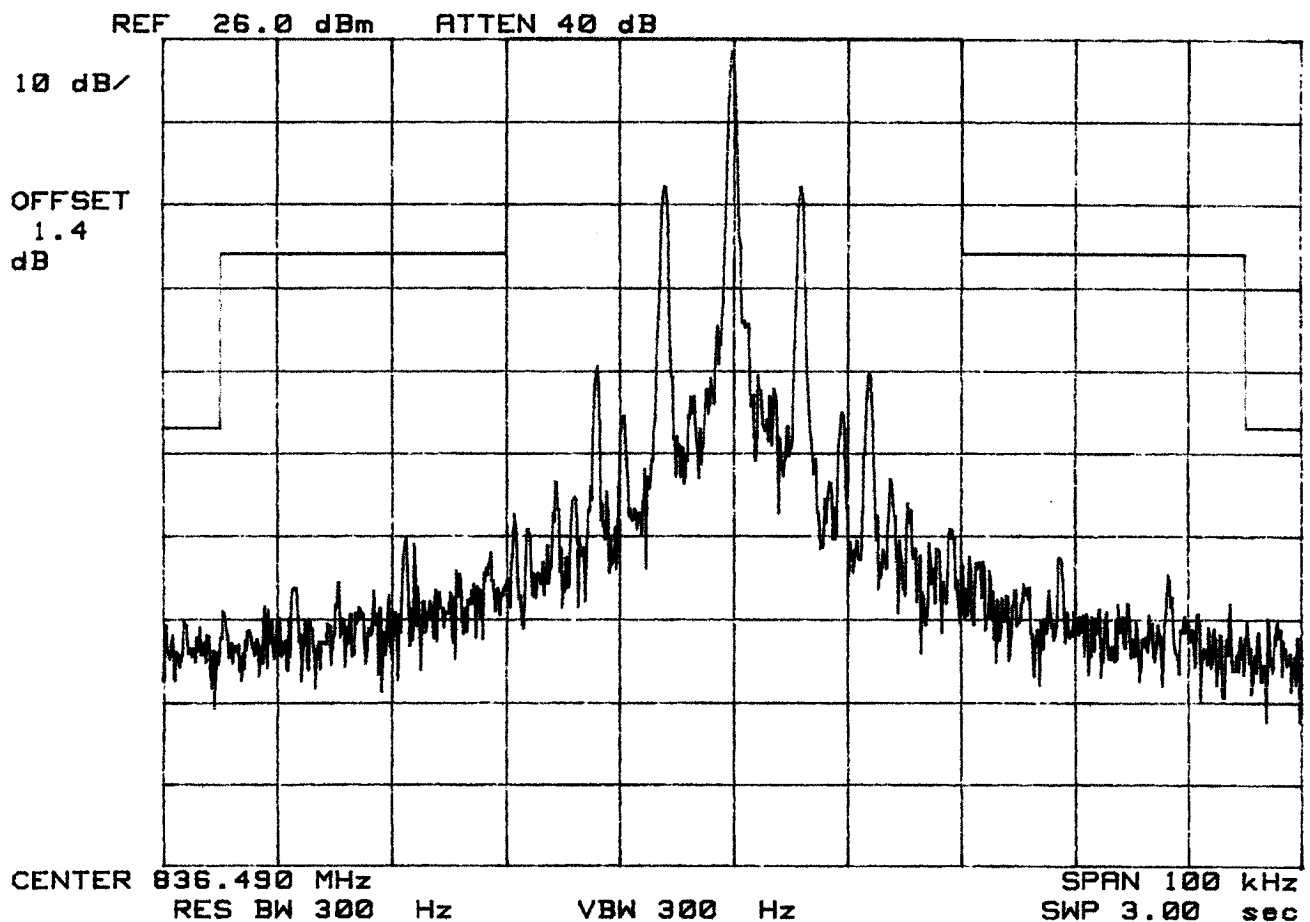
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8600

SAMSUNG TRI-MODE PHONE

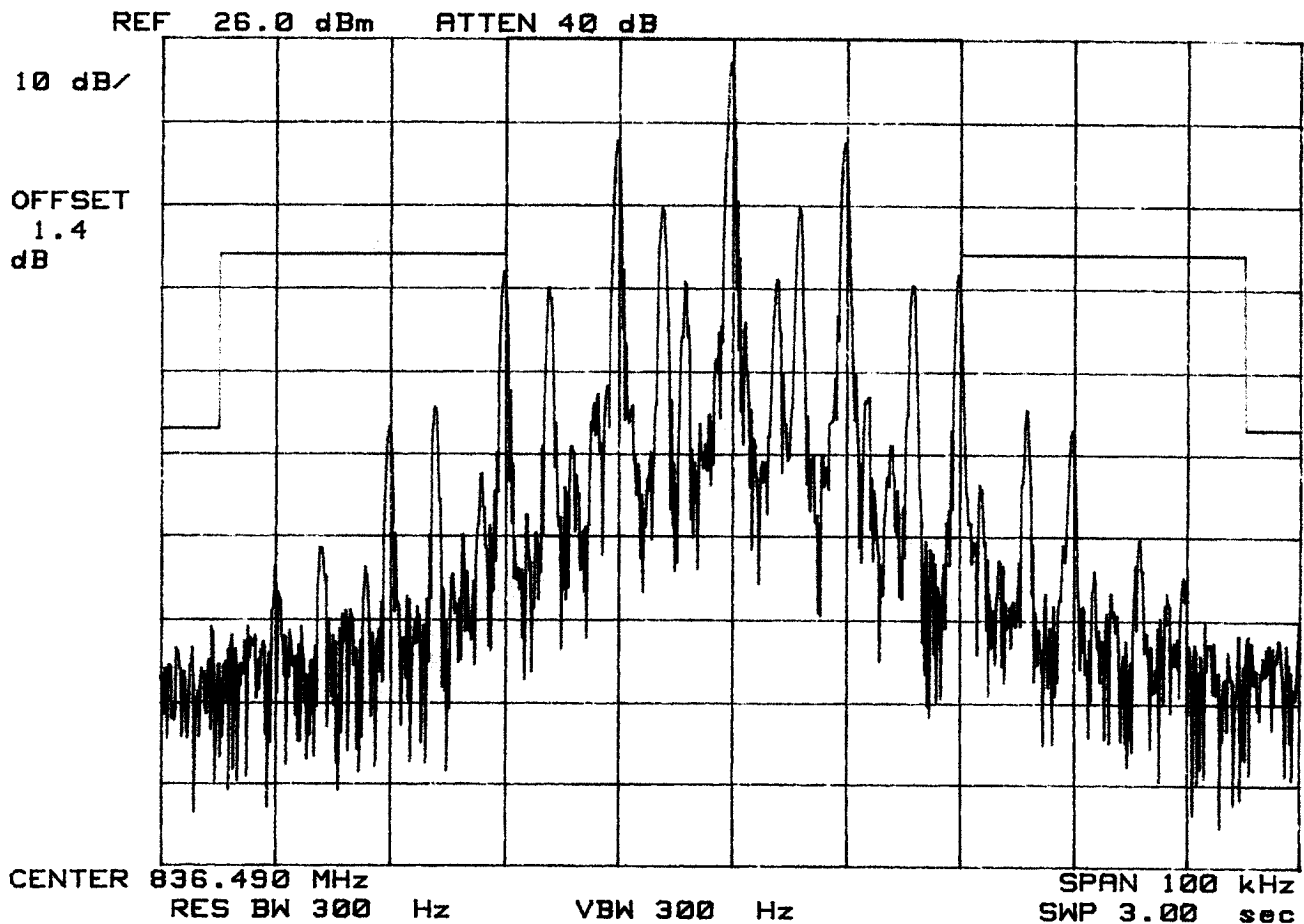
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8600

SAMSUNG TRI-MODE PHONE

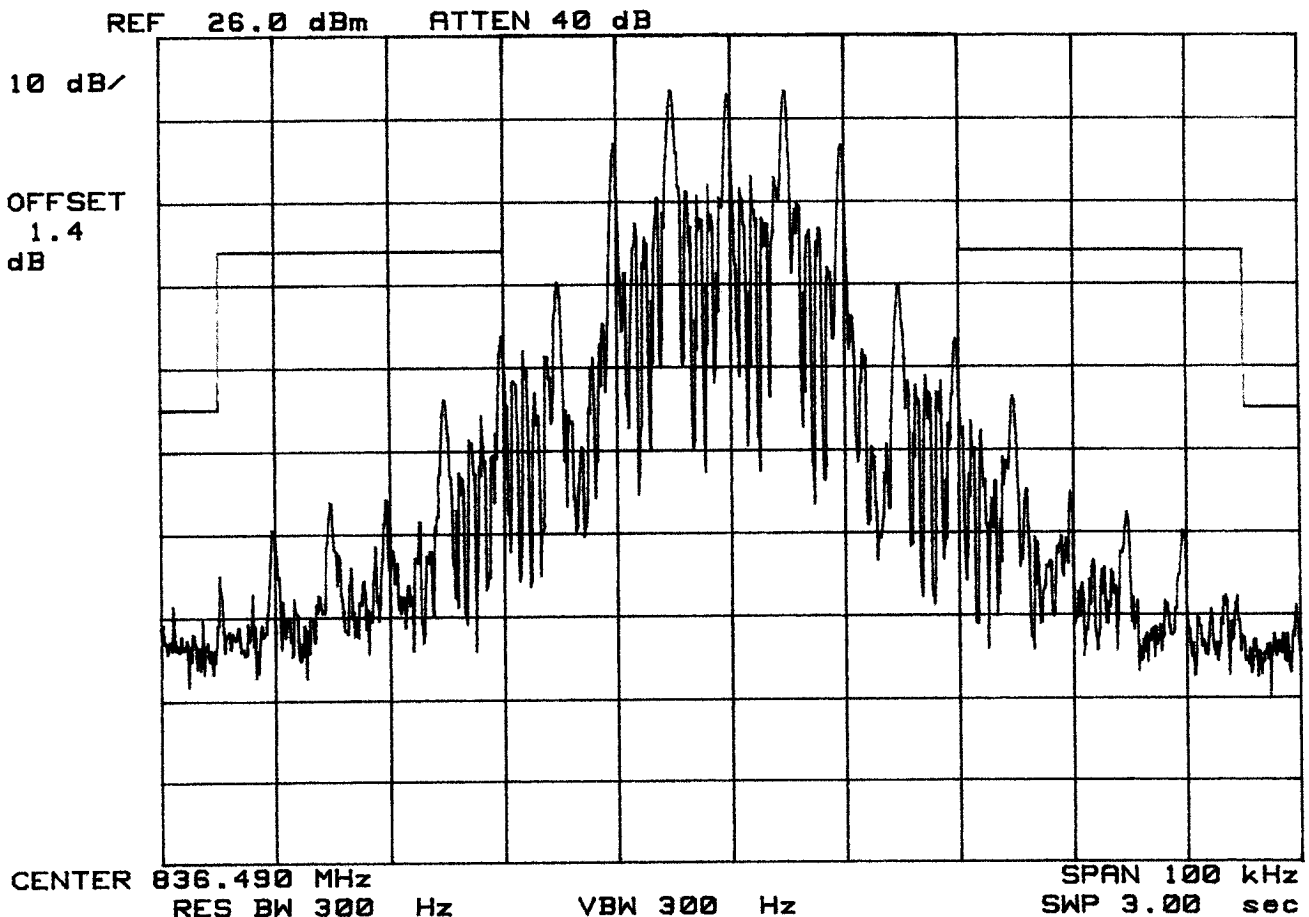
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Wide Band Data



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8600

SAMSUNG TRI-MODE PHONE

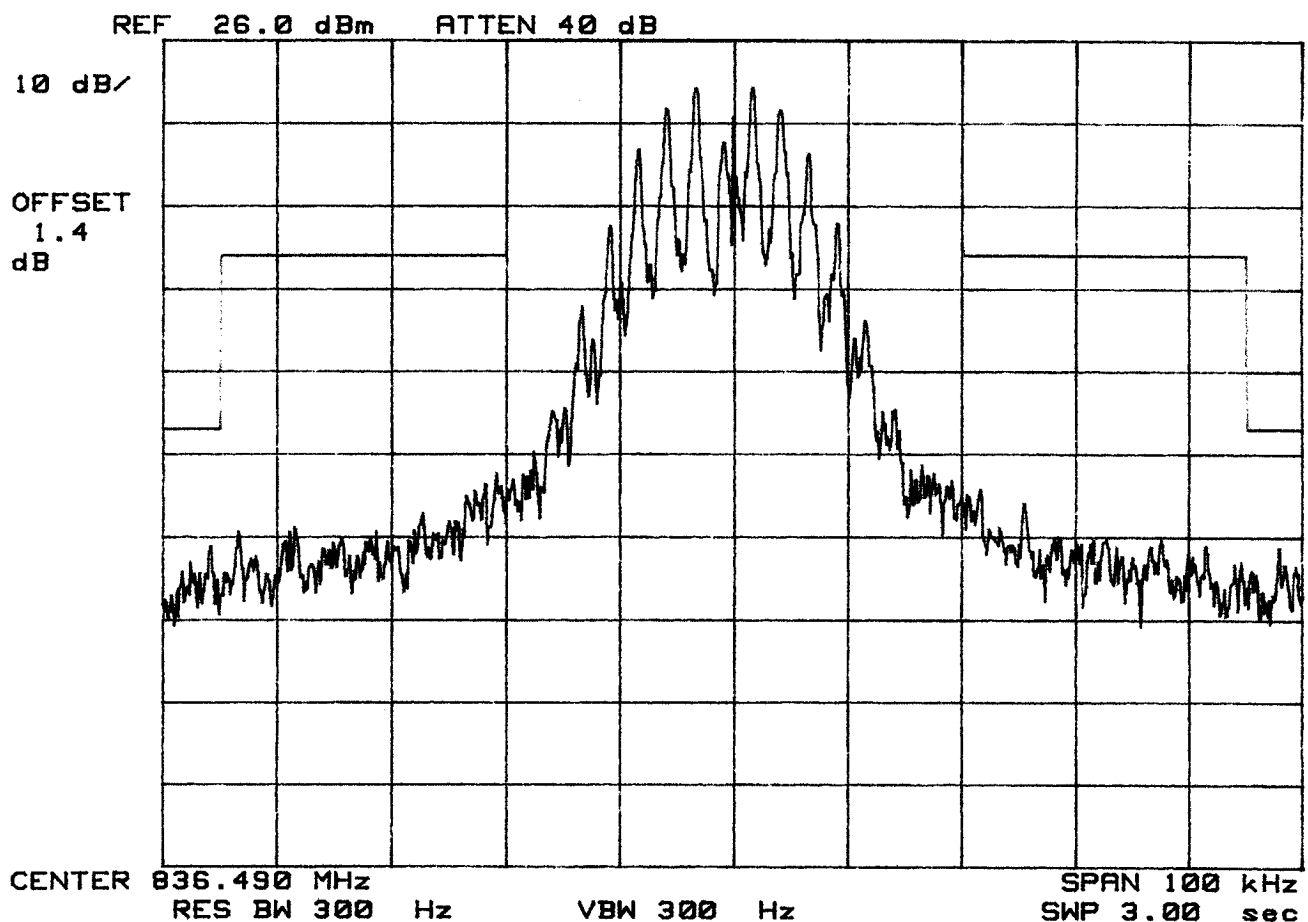
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

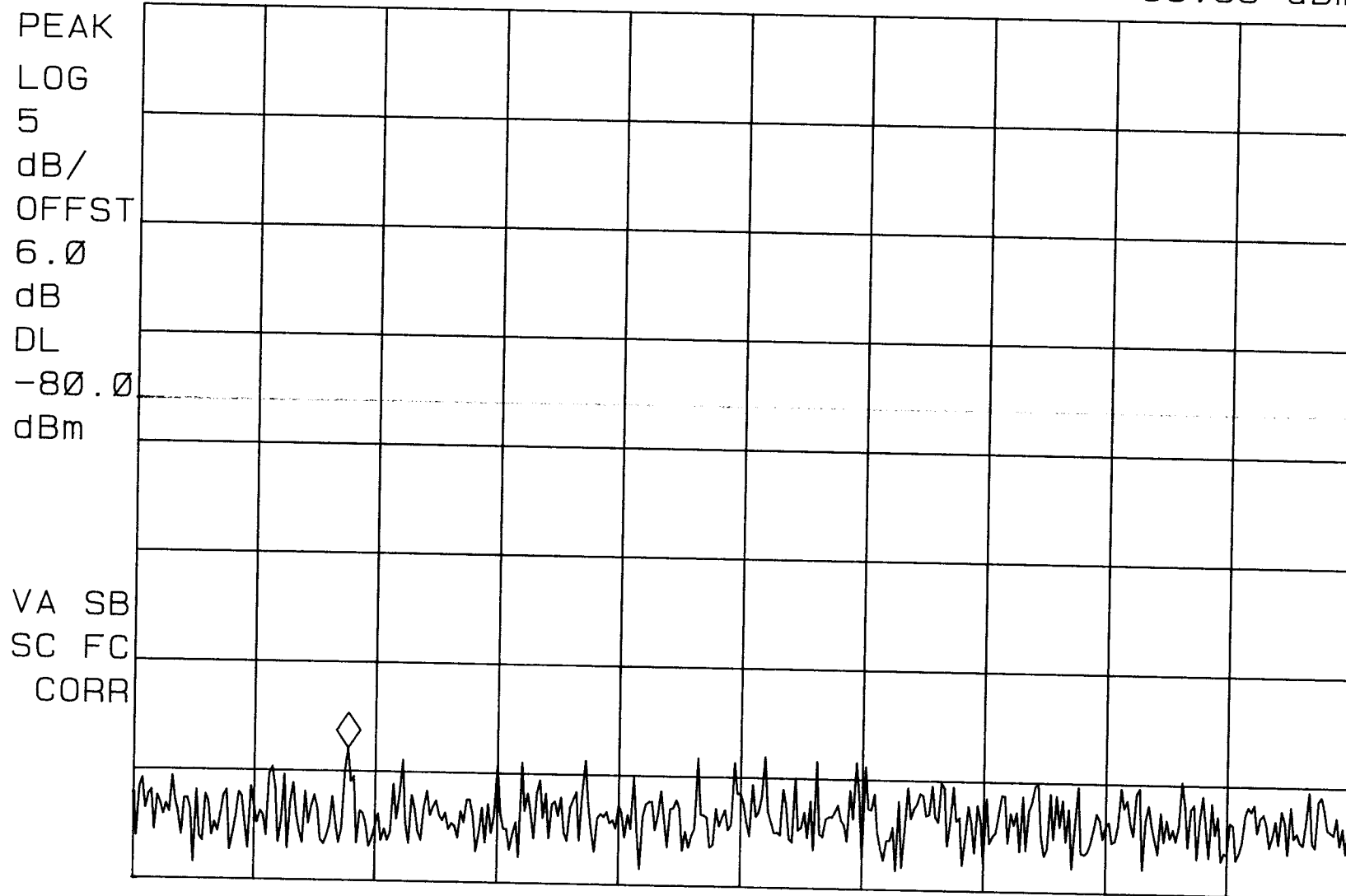
Test Mode:Voice



~~h~~ FCC ID: A3LSCH8600

REF -62.0 dBm ATTEN 10 dB PG 25.0 dB

MKR 873.44 MHz
-95.93 dBm



START 869.00 MHz

#RES BW 100 kHz

#VBW 300 kHz

STOP 894.00 MHz

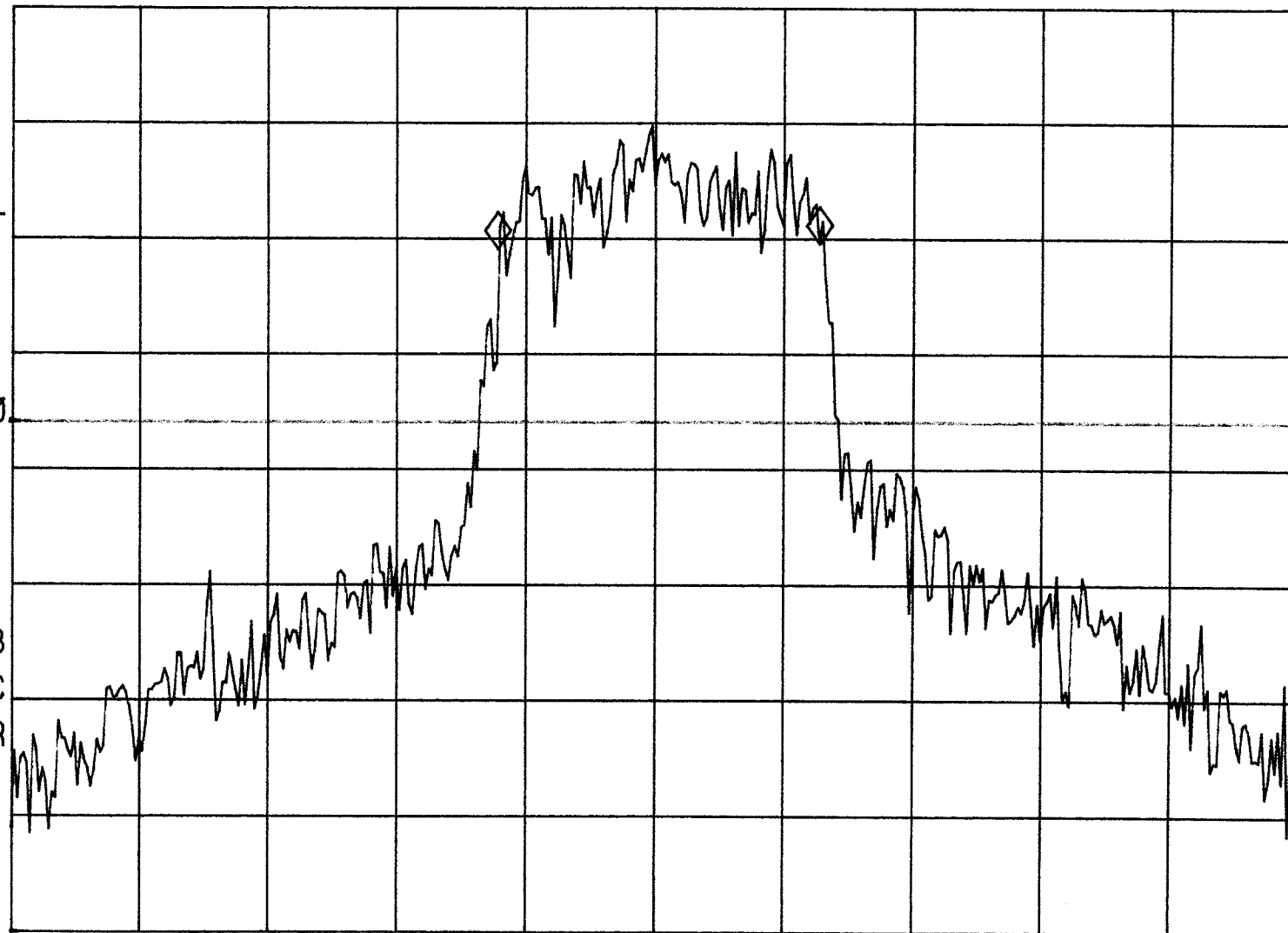
#SWP 20 msec

h/ PCS MODE Ch. 0600 99%PWR
REF 23.0 dBm ATTEN 40 dB

MKR Δ 1.250 MHz
.48 dB

PEAK
LOG
10
dB/
OFFST
1.4
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



CENTER 1.880000 GHz
#RES BW 30 kHz

VBW 30 kHz

SPAN 5.000 MHz
SWP 20 msec

PCS Mode Ch.0025 Cond.Spurs.

hp REF 23.0 dBm ATTEN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

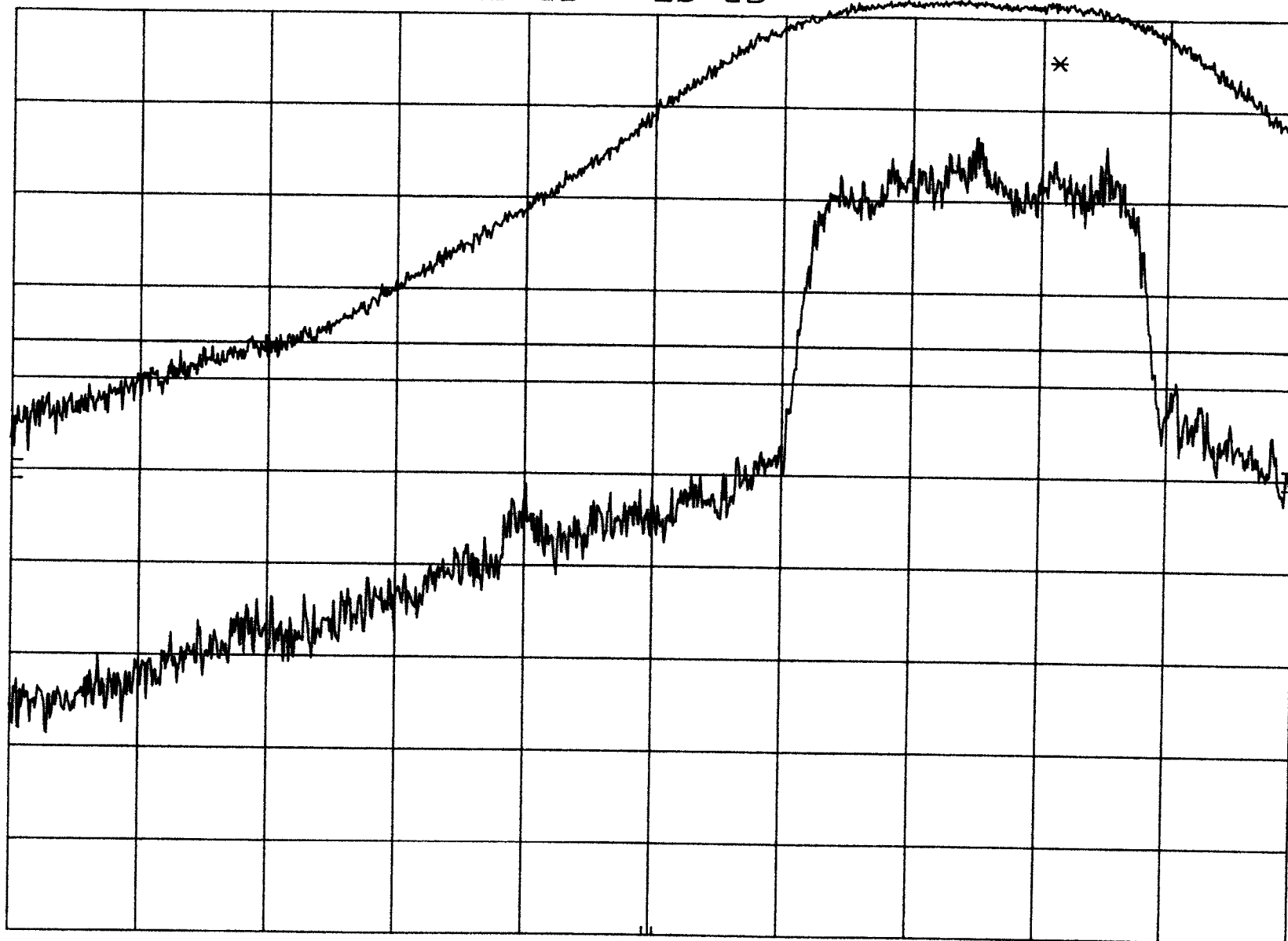
1.4

dB

DL

-13.0

dBm



CENTER 1.850 00 GHz

RES BW 30 kHz (i)

VBW 30 kHz

SPAN 5.00 MHz

SWP 37.5 msec

PCS Mode Ch.1175 Cond.Spurs.

hp

REF 23.0 dBm ATTEN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

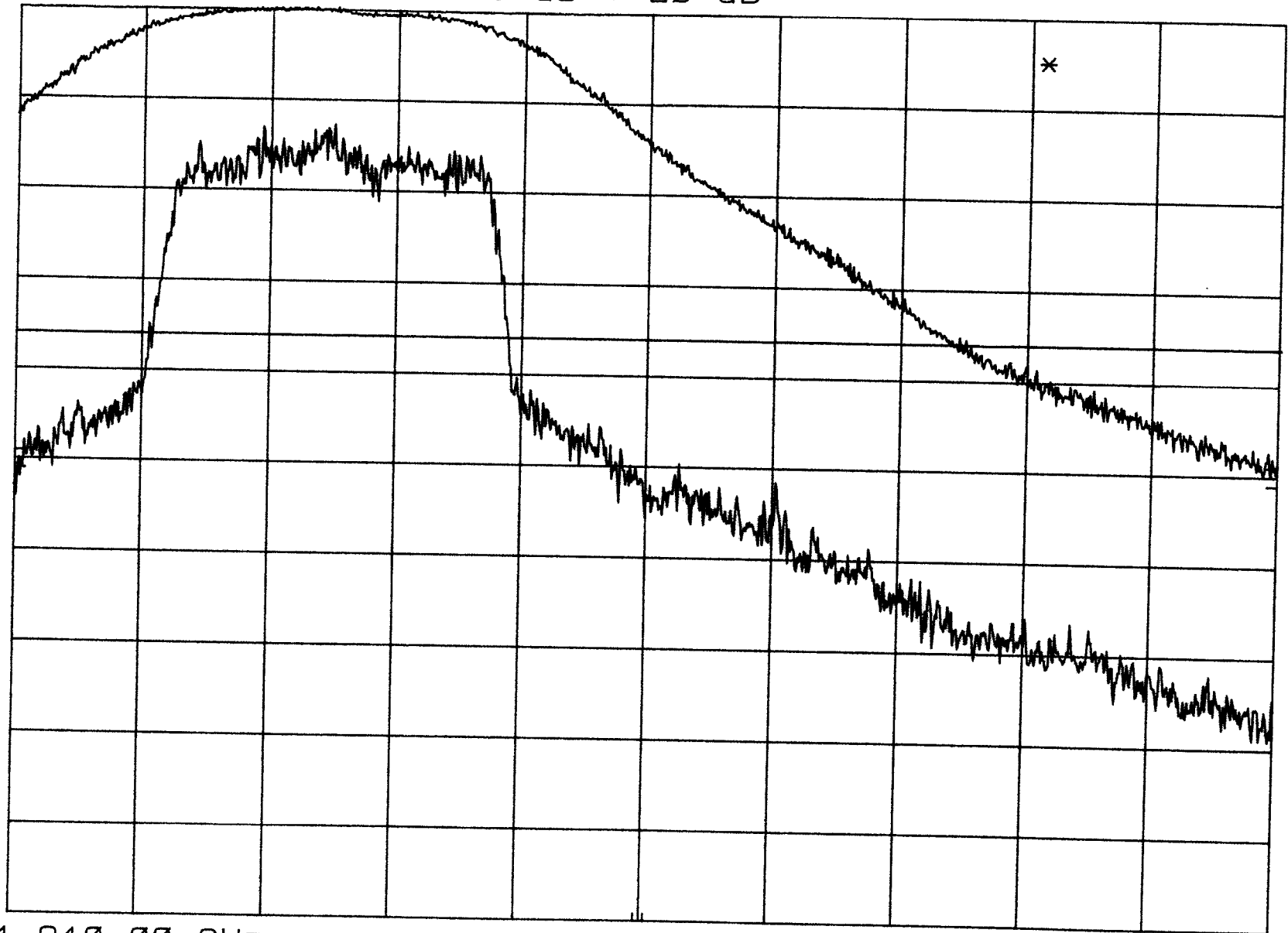
1.4

dB

DL

-13.0

dBm



CENTER 1.910 00 GHz

RES BW 30 kHz (i)

VBW 30 kHz

SPAN 5.00 MHz
SWP 37.5 msec

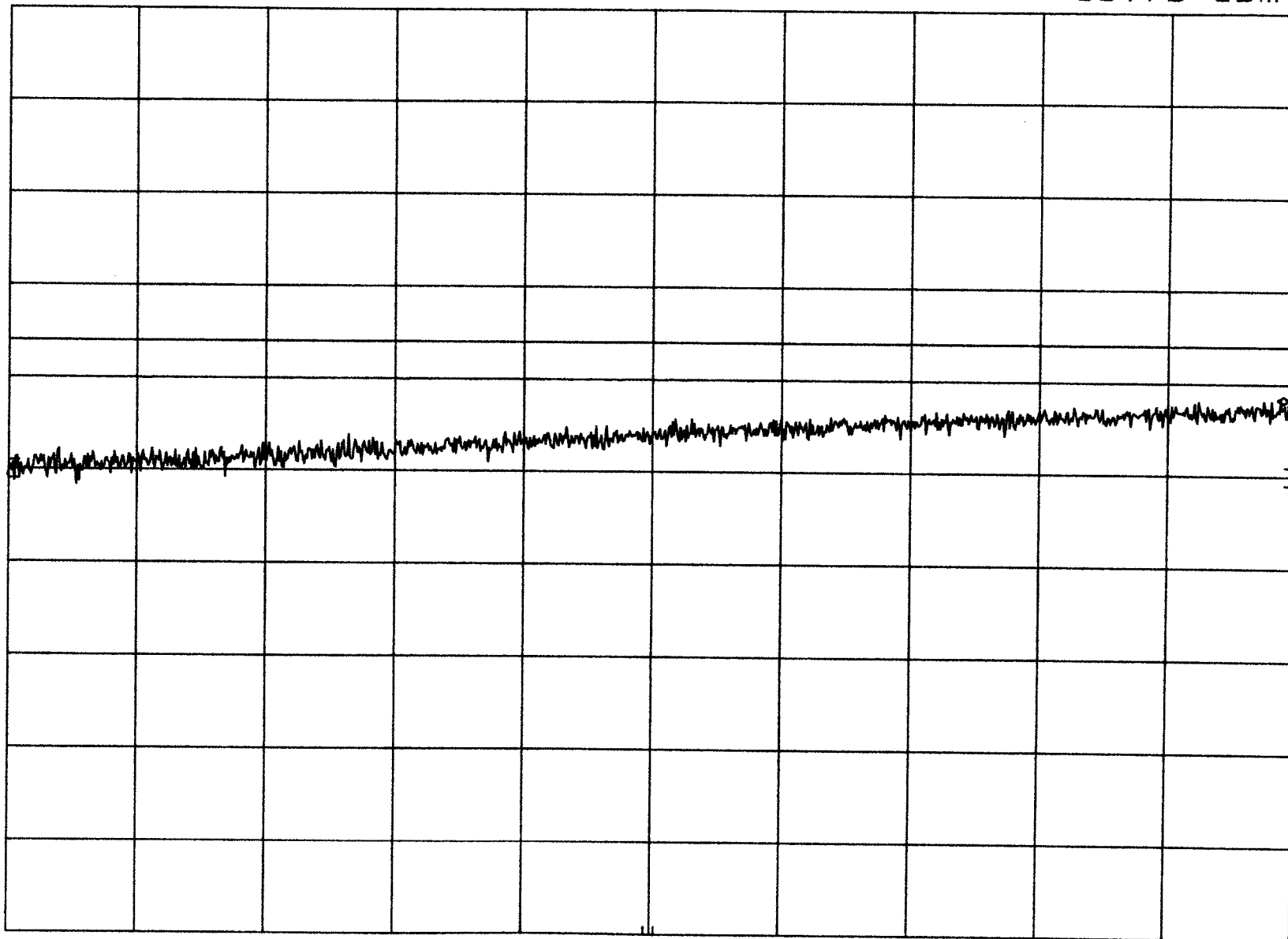
hp PCS Mode Ch.0025 MKR 1.847 489 GHz
REF 23.0 dBm ATTEN 40 dB + 20 dB -18.70 dBm

10 dB/

POS PK

OFFSET
1.4
dB

DL
-13.0
dBm



START 1.846 50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.847 50 GHz

SWP 20.0 msec

PCS Mode Ch.0025

MKR 1.846 479 GHz

hp REF 23.0 dBm ATTEN 40 dB + 20 dB

-26.90 dBm

10 dB/

POS PK

OFFSET

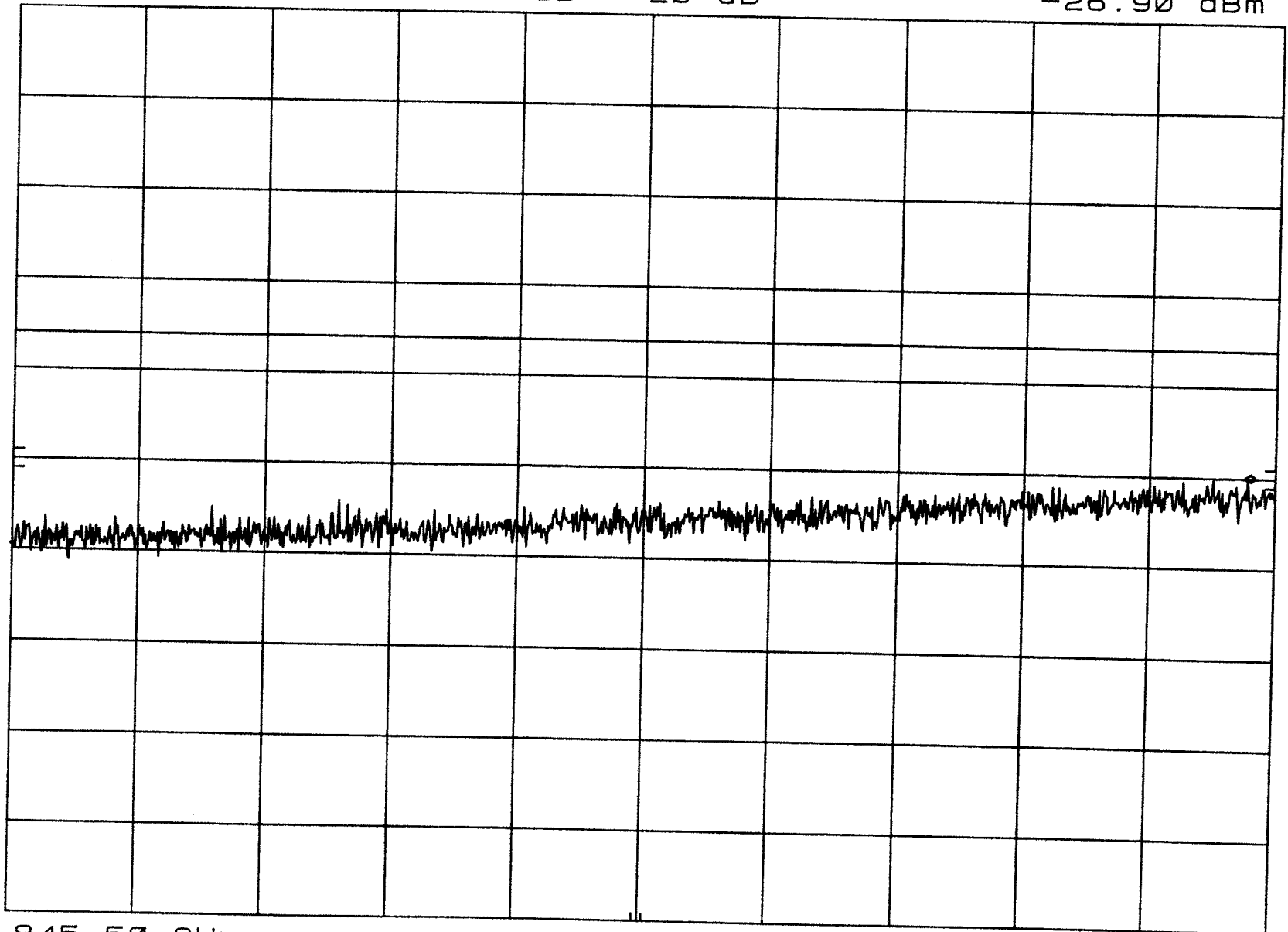
1.4

dB

DL

-13.0

dBm



START 1.845 50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.846 50 GHz

SWP 20.0 msec

hp PCS Mode Ch.0025 MKR 1.845 480 GHz
REF 23.0 dBm ATTEN 40 dB + 20 dB -33.20 dBm

10 dB/

POS PK

OFFSET

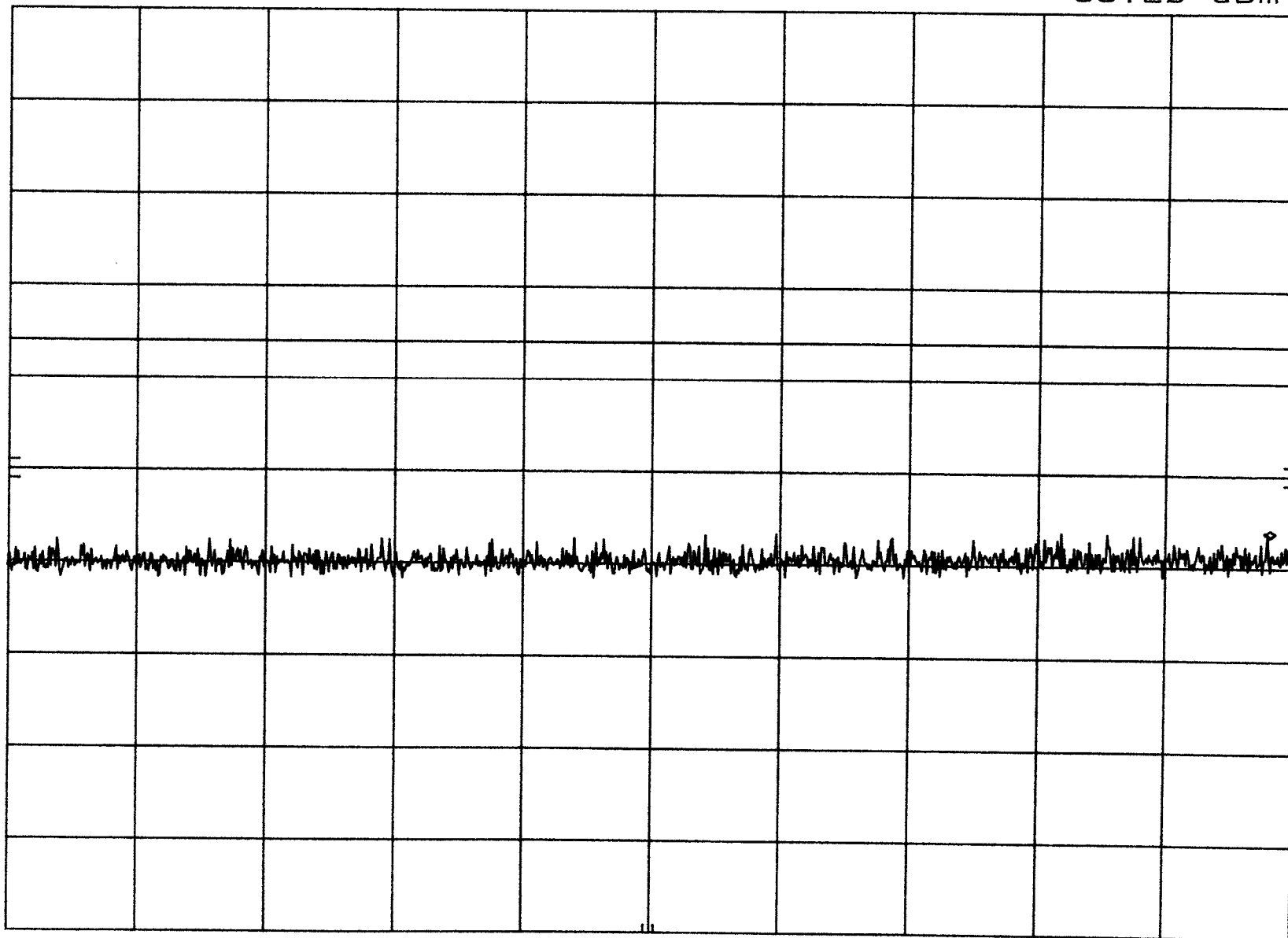
1.4

dB

DL

-13.0

dBm



START 1.844 50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.845 50 GHz

SWP 20.0 msec

PCS Mode Ch.0025 MKR 1.844 467 GHz
hp REF 23.0 dBm ATTEN 40 dB + 20 dB -34.80 dBm

0 dB/

OS PK

FFSET

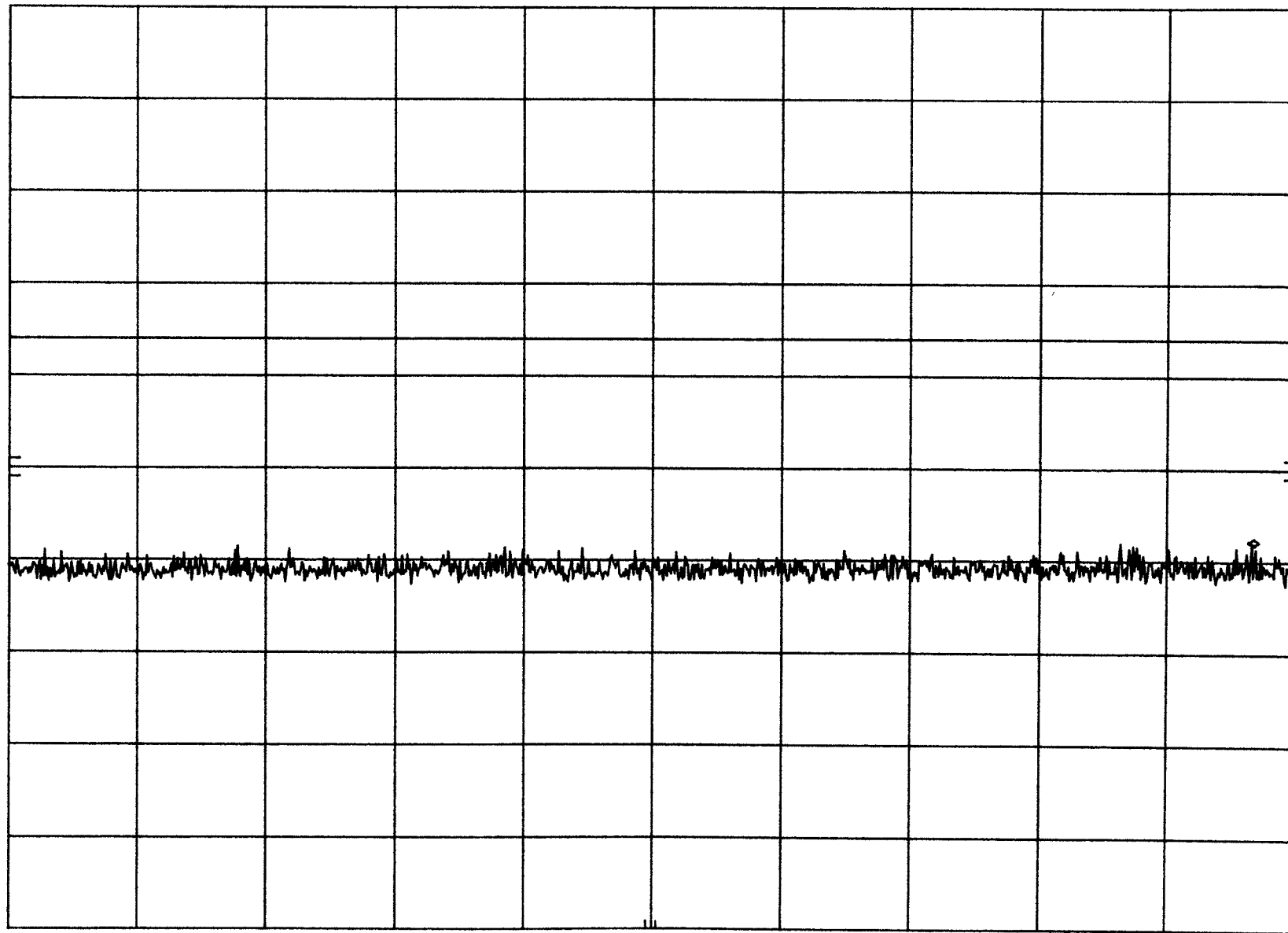
1.4

dB

DL

-13.0

dBm



TART 1.843 50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.844 50 GHz

SWP 20.0 msec

PCS Mode Ch.1175

MKR 1.912 510 GHz

hp REF 23.0 dBm ATTEN 40 dB + 20 dB

-24.00 dBm

10 dB/

POS PK

OFFSET

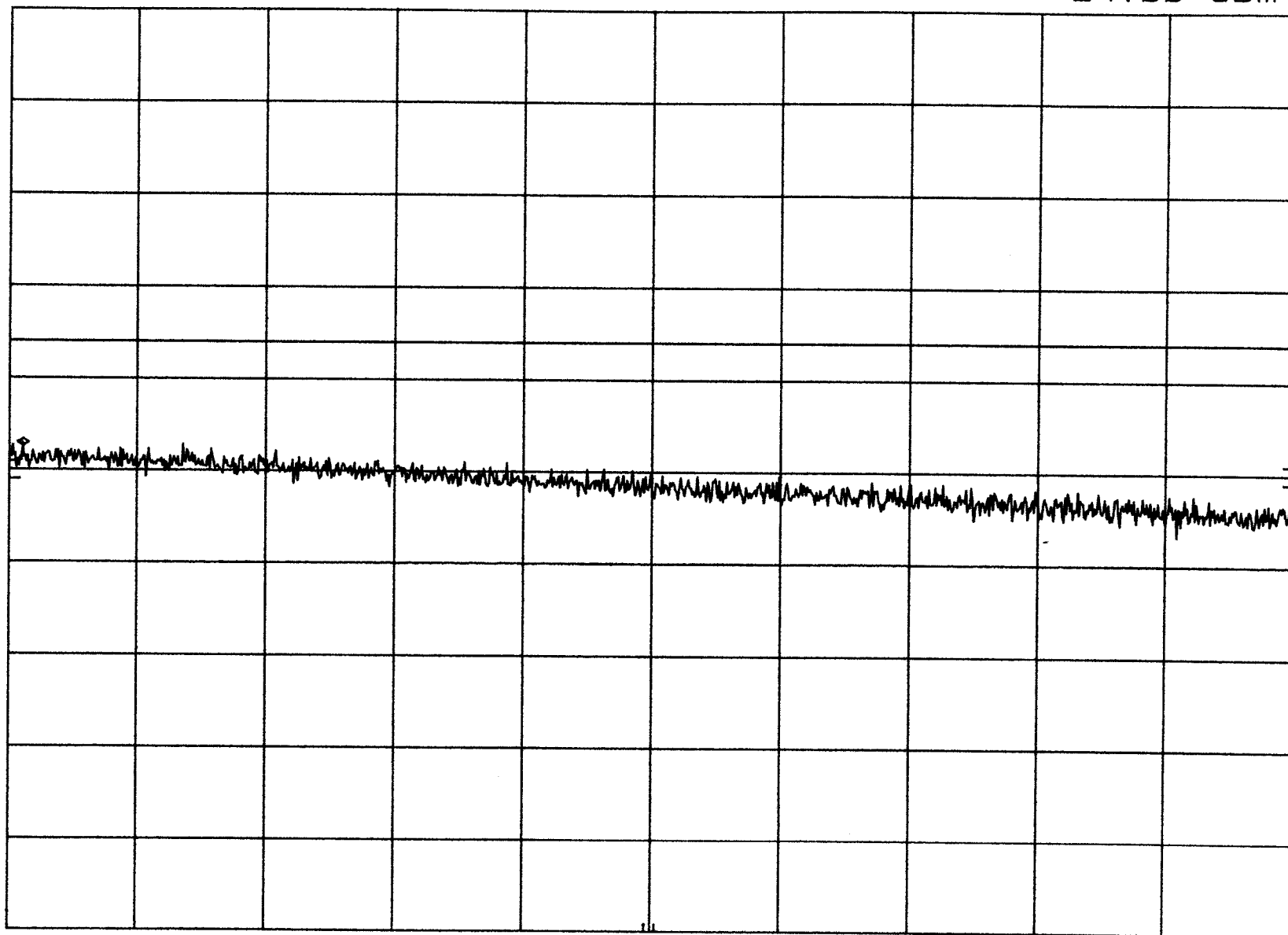
1.4

dB

DL

-13.0

dBm



START 1.912 50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.913 50 GHz

SWP 20.0 msec

PCS Mode Ch.1175

MKR 1.913 512 GHz

hp

REF 23.0 dBm ATTEN 40 dB + 20 dB

-29.30 dBm

10 dB/

POS PK

OFFSET

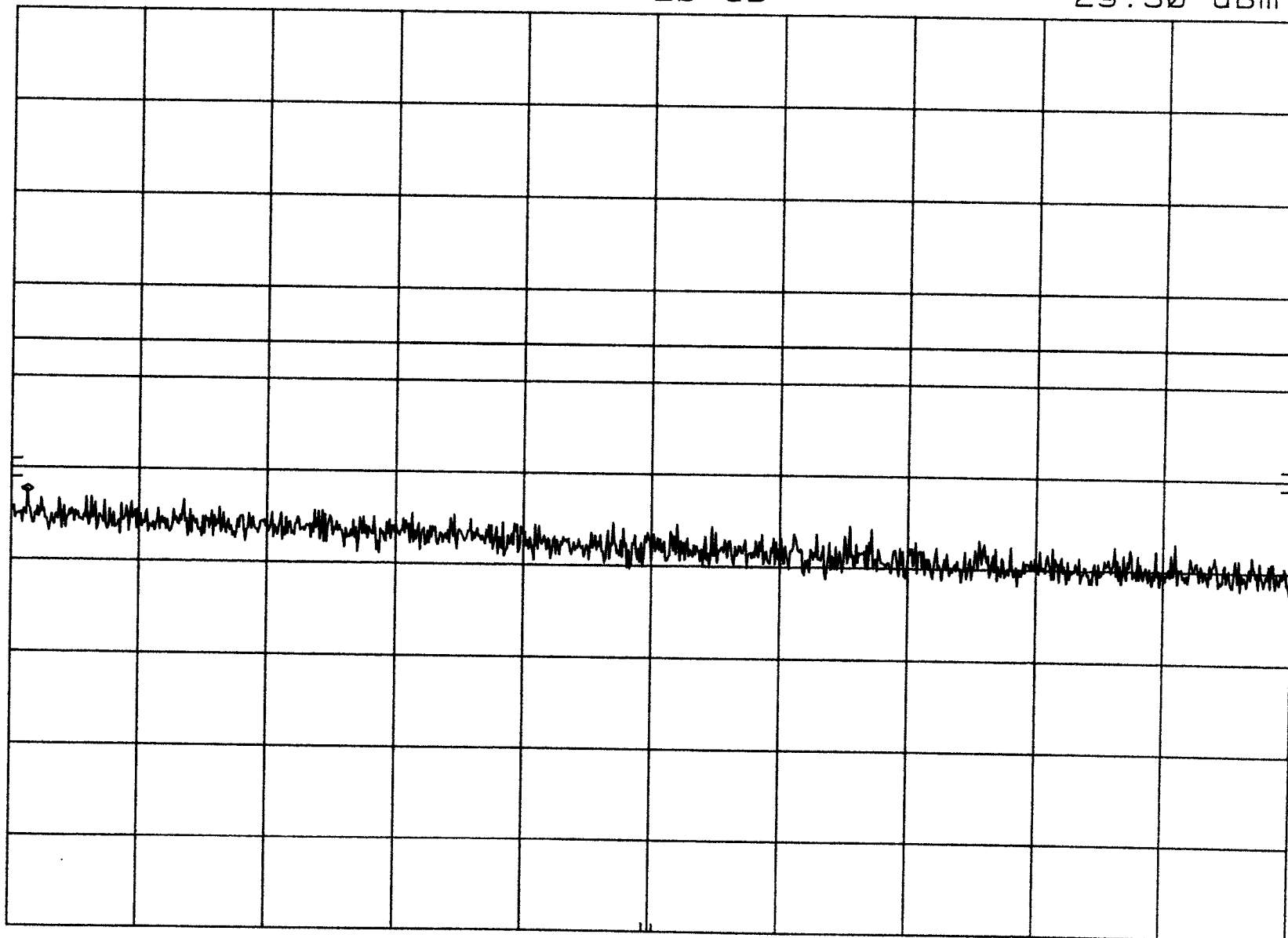
1.4

dB

DL

-13.0

dBm



START 1.913 50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.914 50 GHz

SWP 20.0 msec

PCS Mode Ch.1175

MKR 1.914 503 GHz
-35.00 dBm

hp

REF 23.0 dBm ATTEN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

1.4
dB

DL

-13.0
dBm

START

1.914 50 GHz

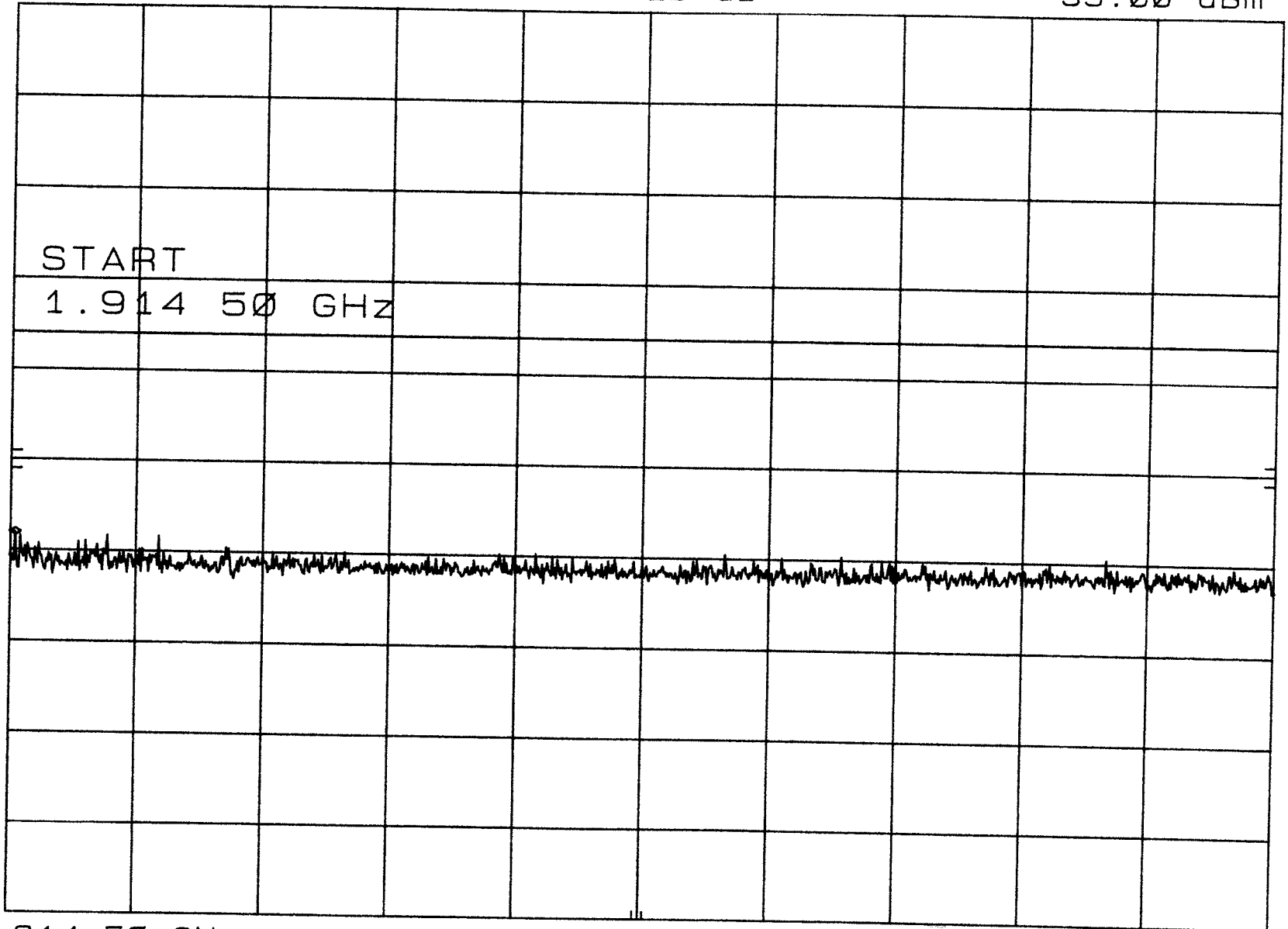
START 1.914 50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.915 50 GHz

SWP 20.0 msec



PCS Mode Ch. 1175

REF 23.0 dBm ATTEN 40 dB + 20 dB

MKR 1.915 556 GHz
-36.80 dBm

hp

10 dB/

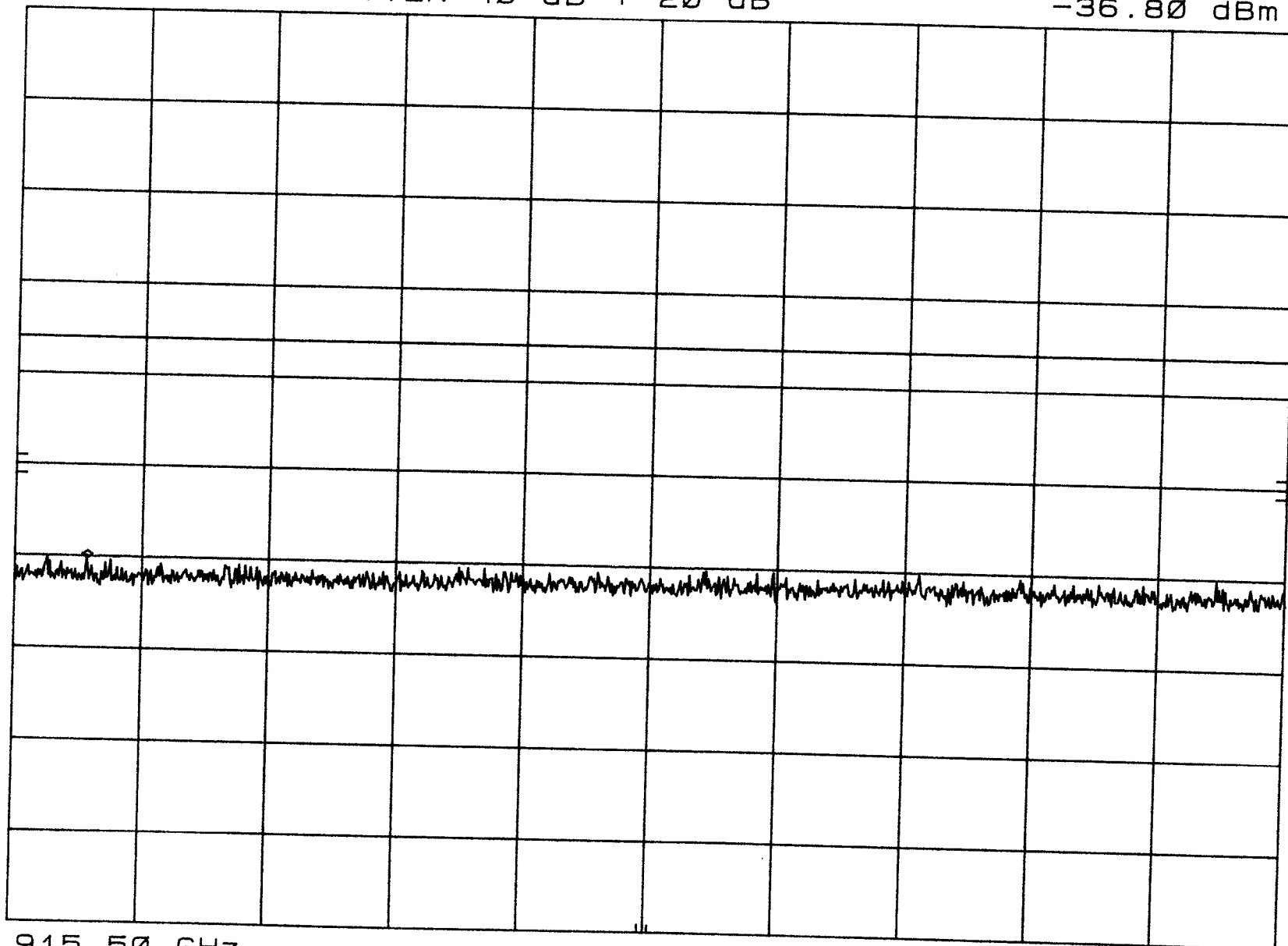
POS PK

OFFSET

1.4
dB

DL

-13.0
dBm



START 1.915 50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.916 50 GHz

SWP 20.0 msec

PCS Mode Ch.0025

hp REF 23.0 dBm ATTN 40 dB + 20 dB

.0 dB/

POS PK

OFFSET

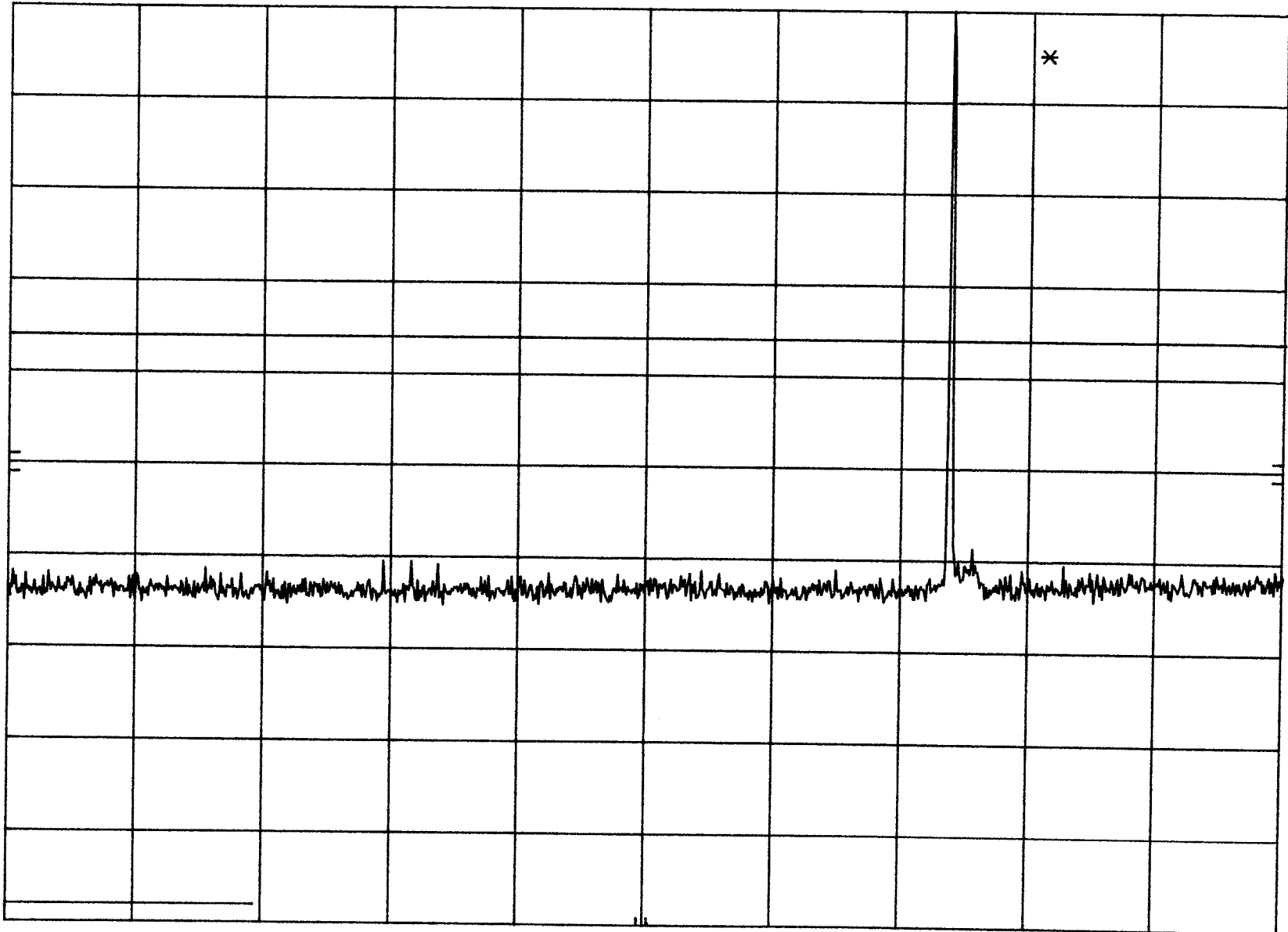
1.4

dB

DL

-13.0

dBm



START 1.0 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz

SWP 62.3 msec

PCS Mode Ch.0025

MKR 6.858 GHz

hp

REF 23.0 dBm

ATTEN 40 dB + 20 dB

-29.80 dBm

10 dB/

POS PK

OFFSET

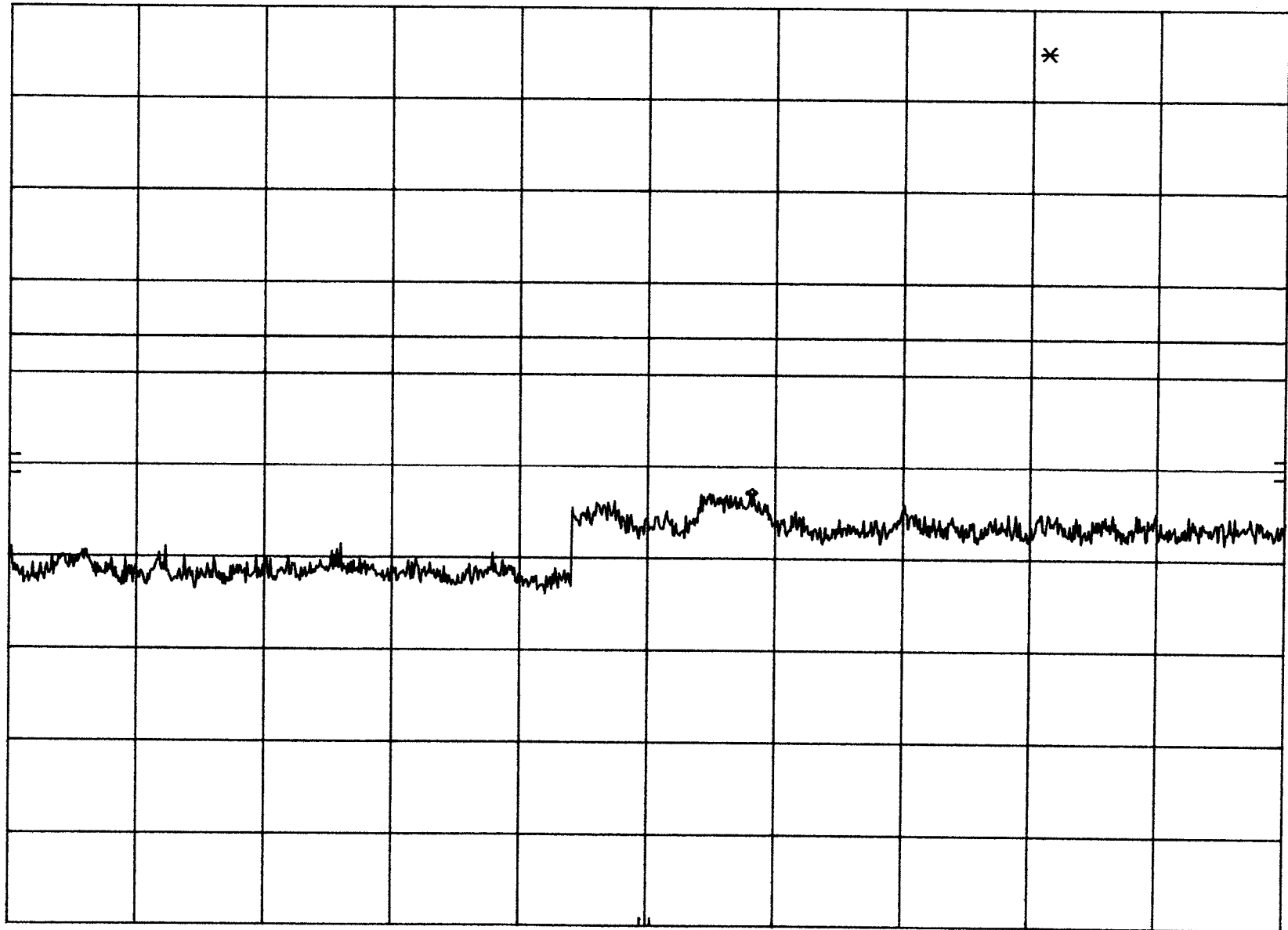
1.4

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

PCS Mode Ch.0025

MKR 19.96 GHz

hp

REF 23.0 dBm ATTEN 40 dB + 20 dB

-21.00 dBm

10 dB/

POS PK

OFFSET

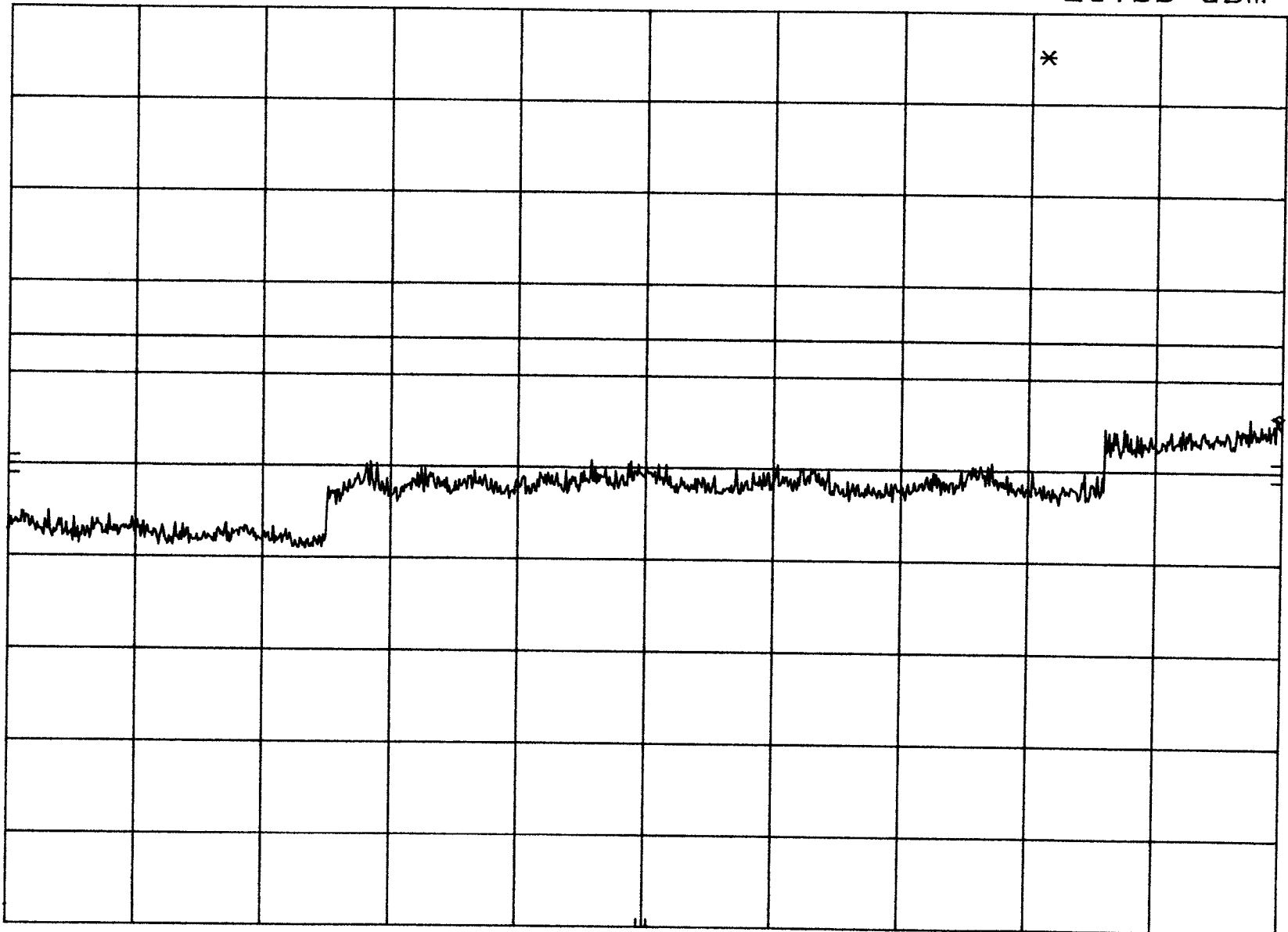
1.4

dB

DL

-13.0

dBm



START 10.0 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec

PCS Mode Ch.0600

hp REF 23.0 dBm ATTEN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

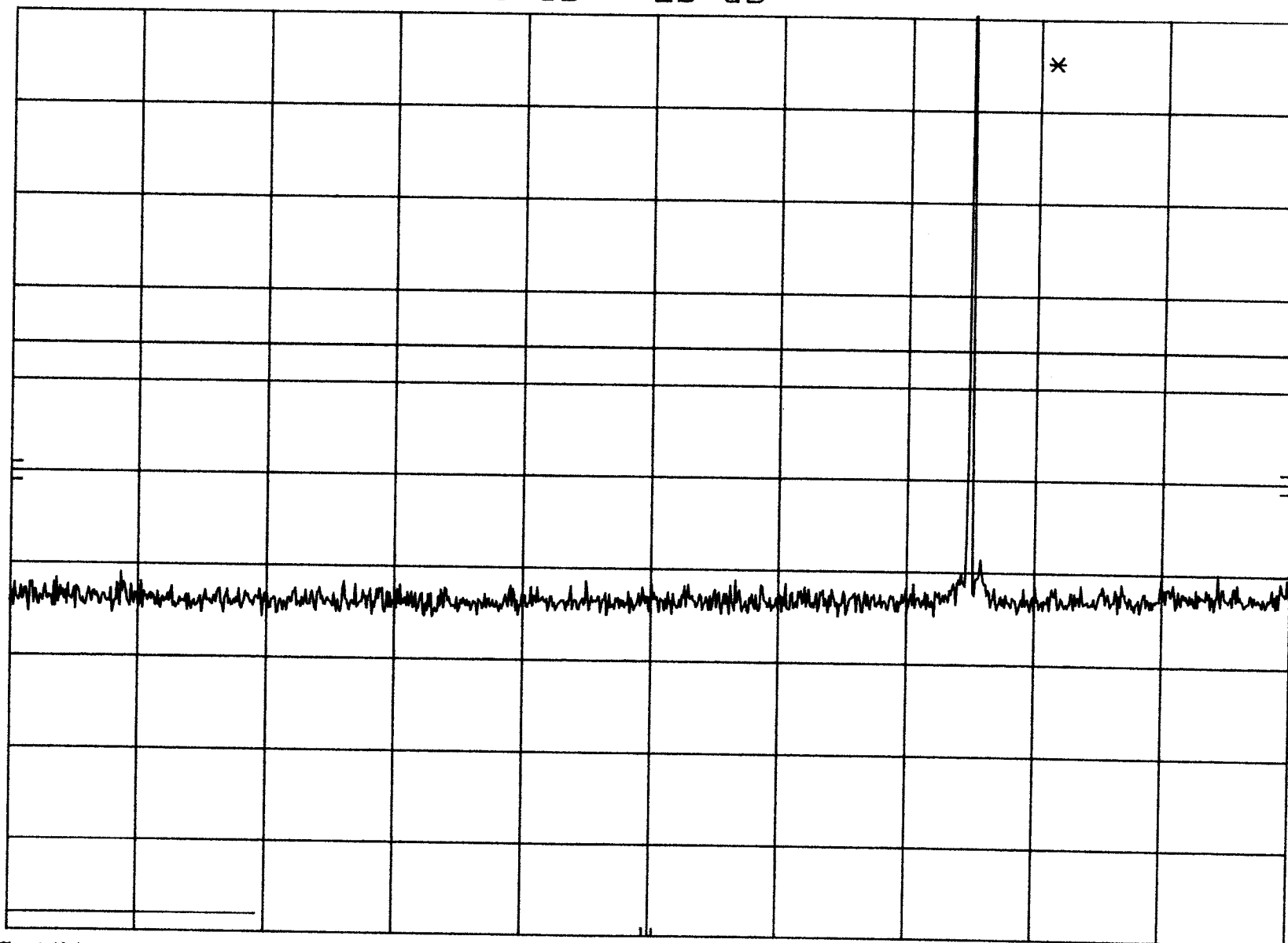
1.4

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz
SWP 62.3 msec

hp PCS Mode Ch. 0600 MKR 6.603 GHz
REF 23.0 dBm ATTEN 40 dB + 20 dB -29.10 dBm

10 dB/

POS PK

OFFSET

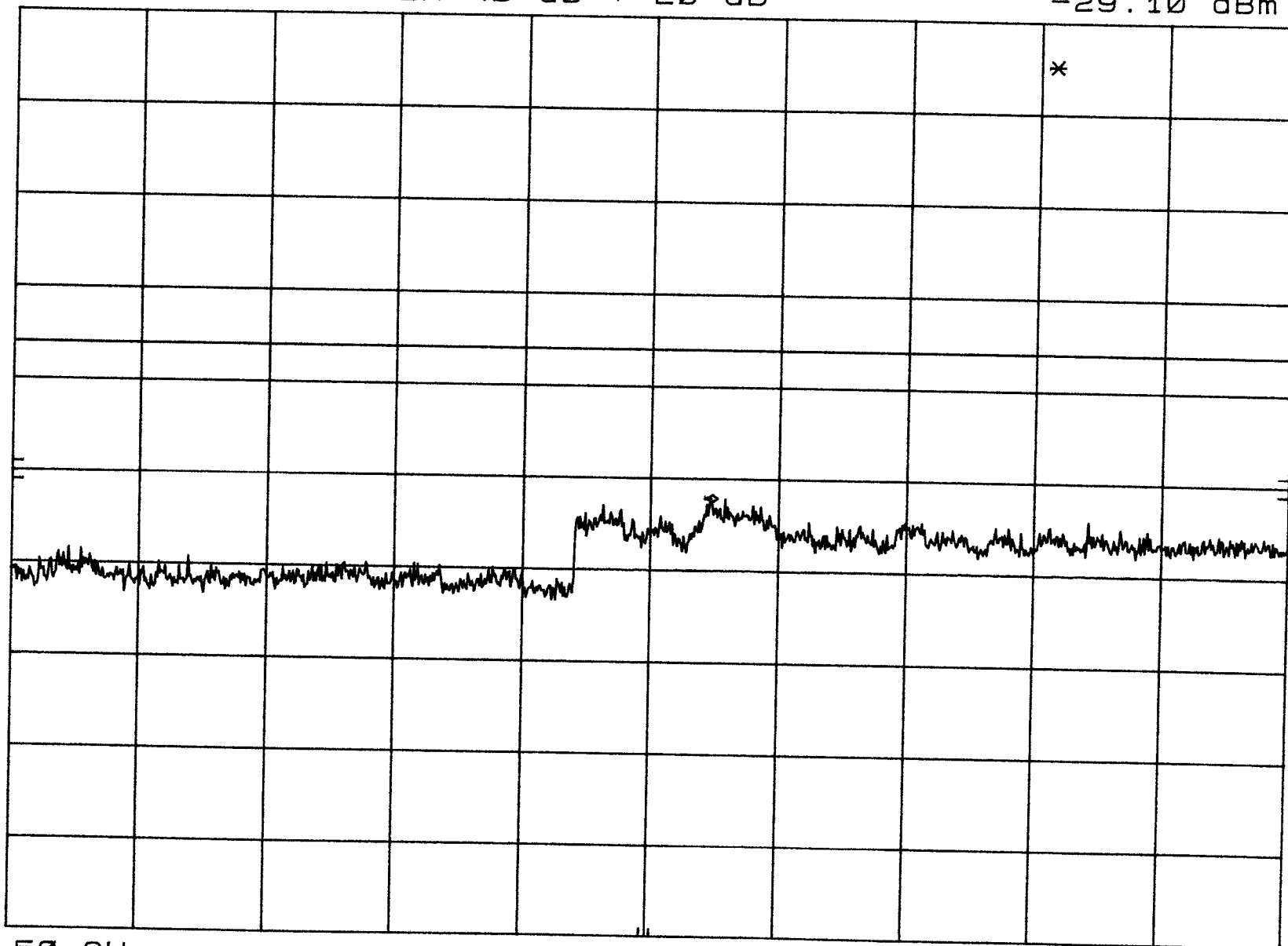
1.4

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz
SWP 188 msec

PCS Mode Ch. 0600

REF 23.0 dBm ATTN 40 dB + 20 dB

MKR 19.23 GHz
-21.90 dBm

hp

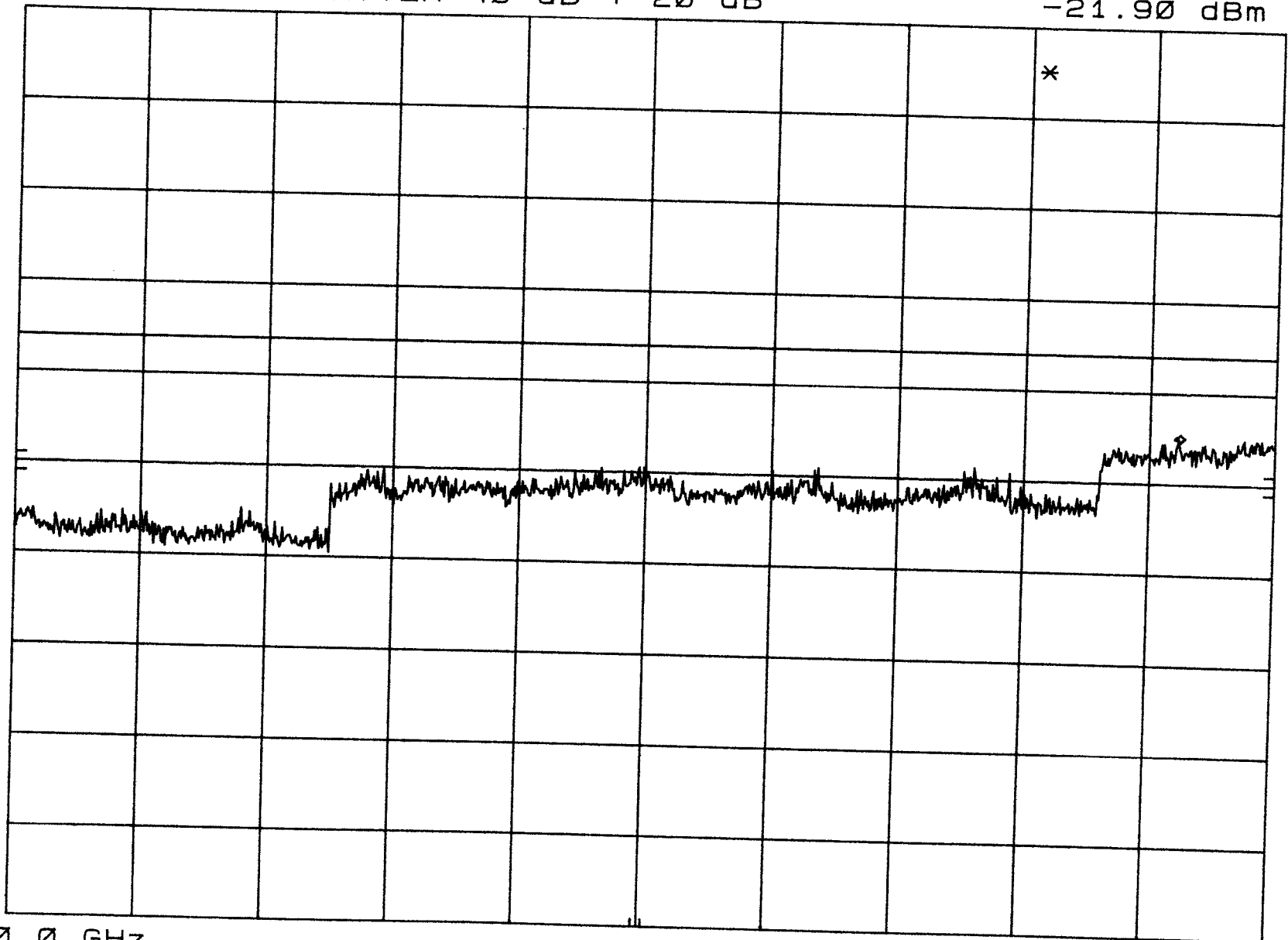
: 10 dB/

F POS PK

COFFSET

1.4
dB

DL
-13.0
dBm



START 10.0 GHz

RES BW 1 MHz (1)

VBW 1 MHz

STOP 20.0 GHz
SWP 250 msec

PCS Mode Ch.1175

hp REF 23.0 dBm ATTEN 40 dB + 20 dB

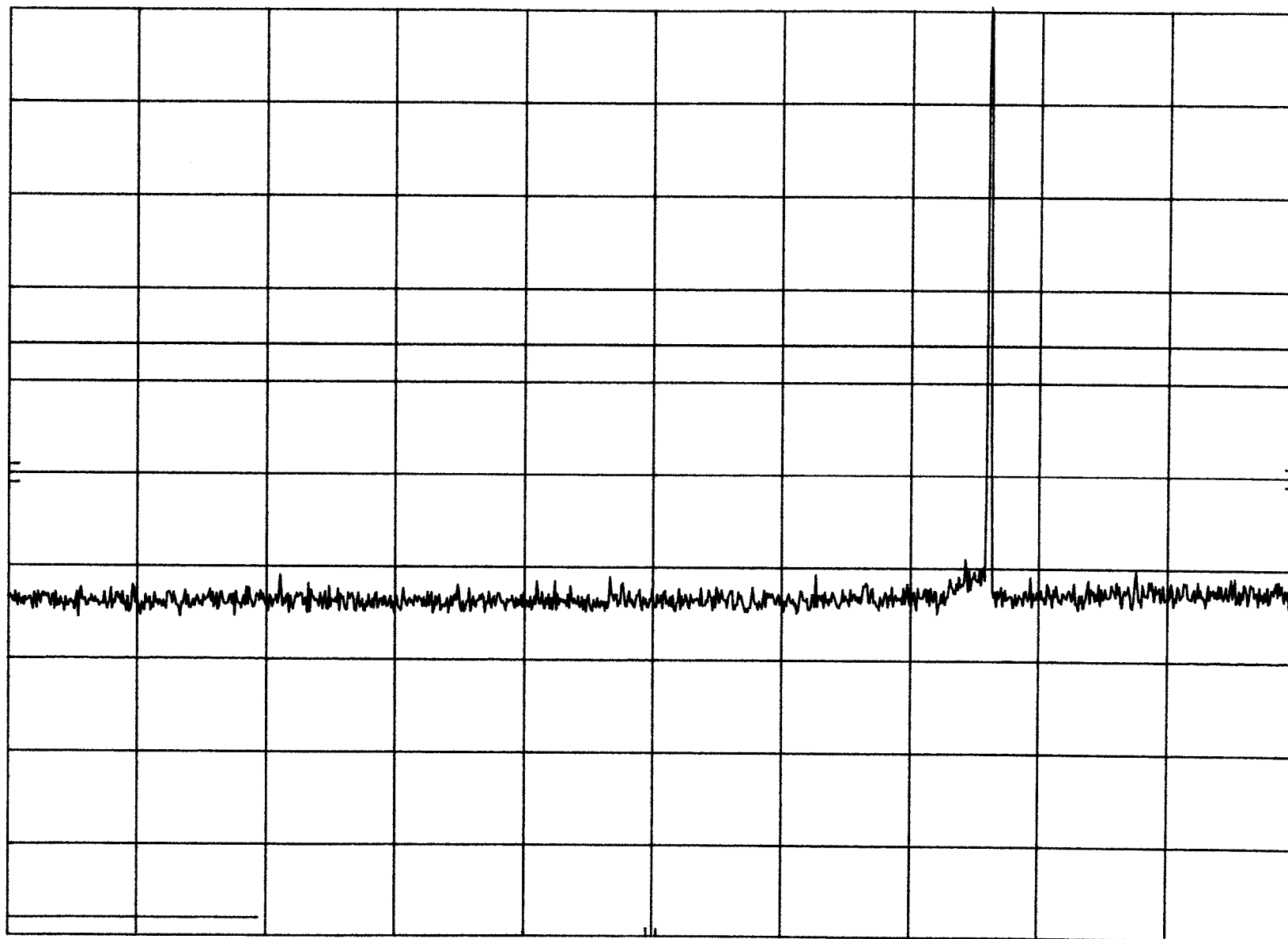
10 dB/

POS PK

OFFSET

1.4
dB

DL
-13.0
dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz
SWP 62.3 msec

PCS Mode Ch.1175

MKR 6.595 GHz

REF 23.0 dBm ATTEN 40 dB + 20 dB

-29.20 dBm

1 hp

1 10 dB/

P POS PK

0 OFFSET

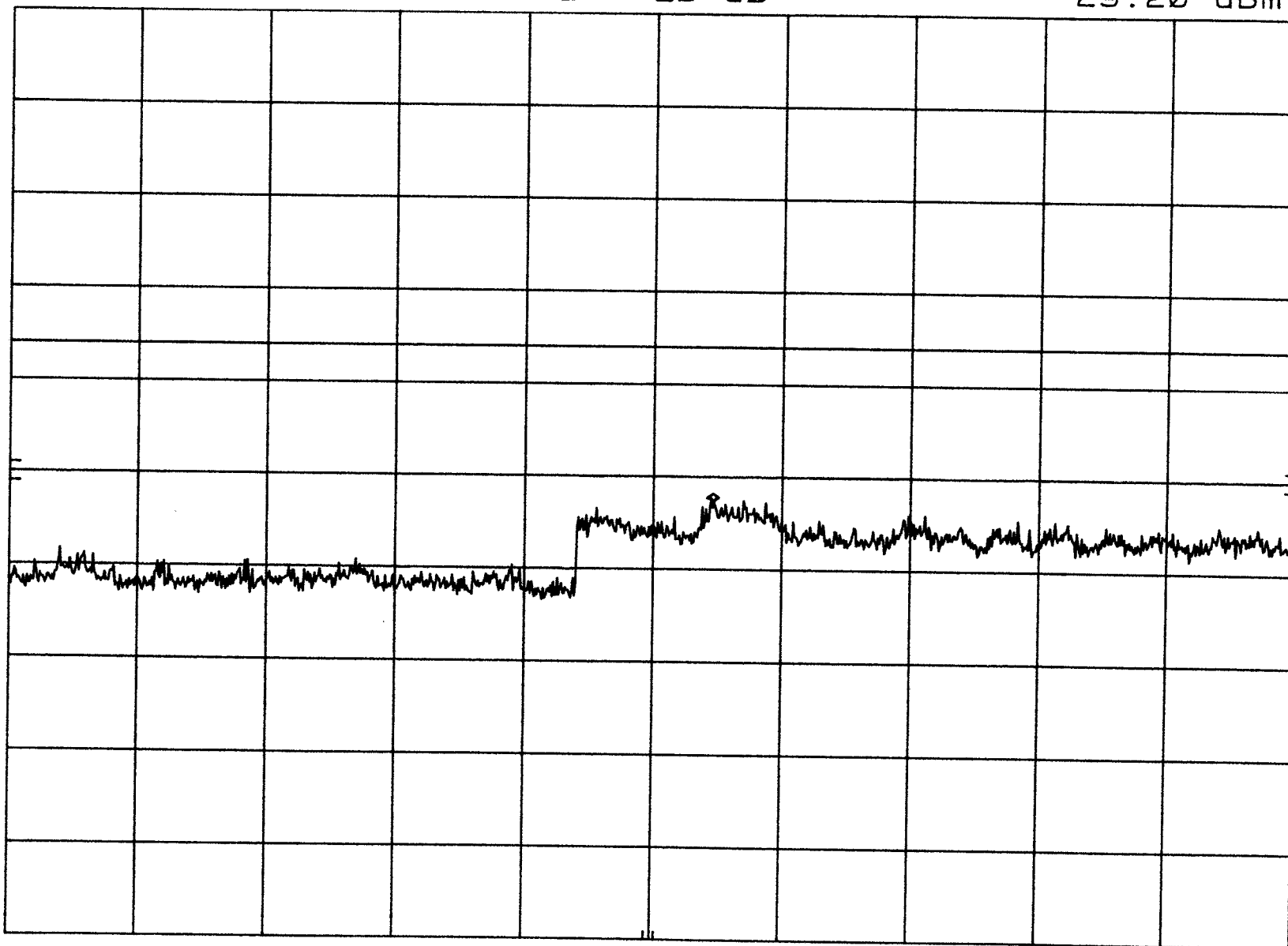
1.4

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

PCS Mode Ch.1175

MKR 19.31 GHz
-21.30 dBm

hp

REF 23.0 dBm ATTEN 40 dB + 20 dB

10 dB/

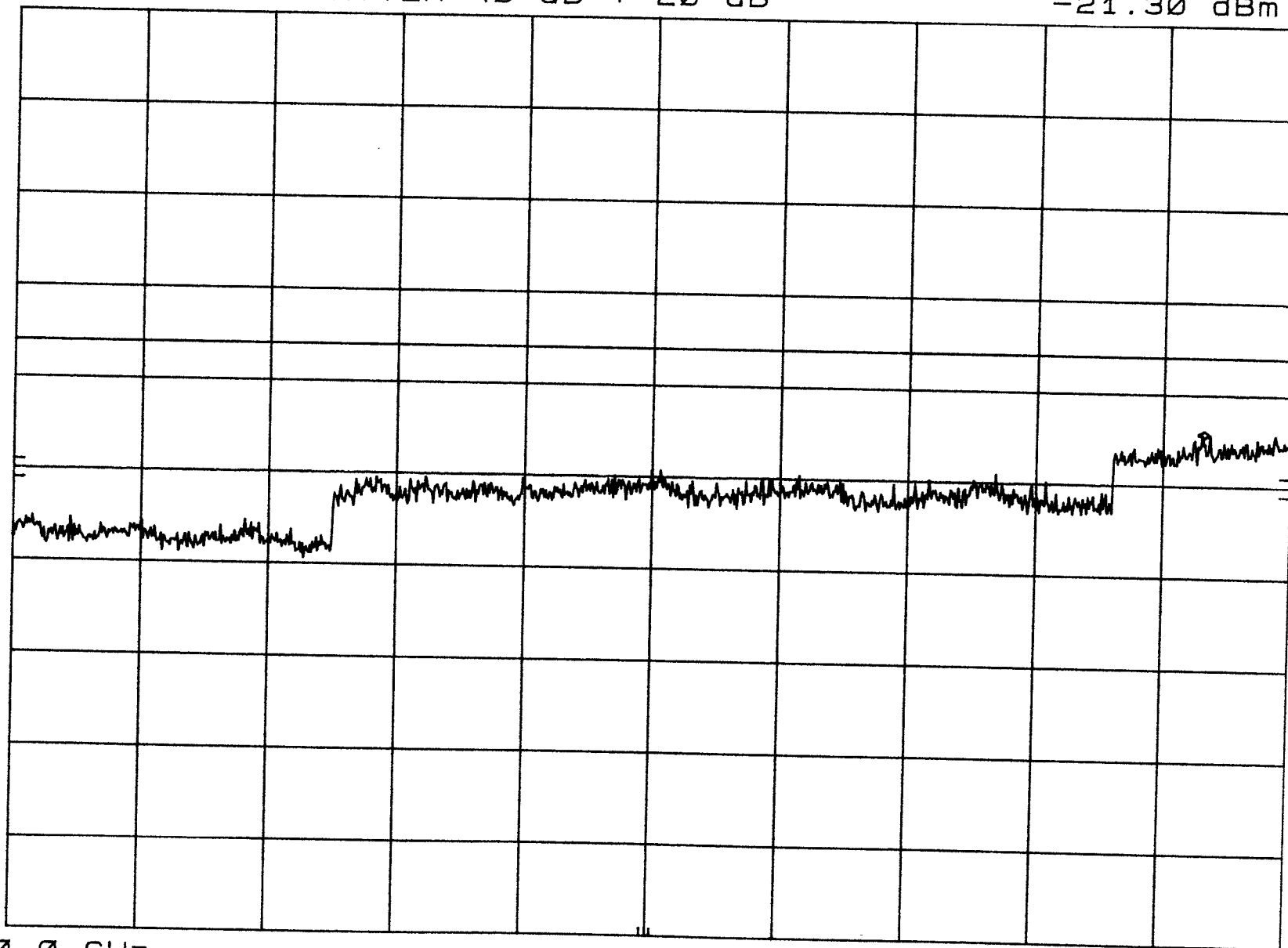
POS PK

OFFSET

1.4
dB

DL

-13.0
dBm



START 10.0 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz
SWP 250 msec

FM Mode Ch.799

MKR 19.82 GHz

hp

REF 28.0 dBm

ATTEN 40 dB + 20 dB

-21.00 dBm

10 dB/

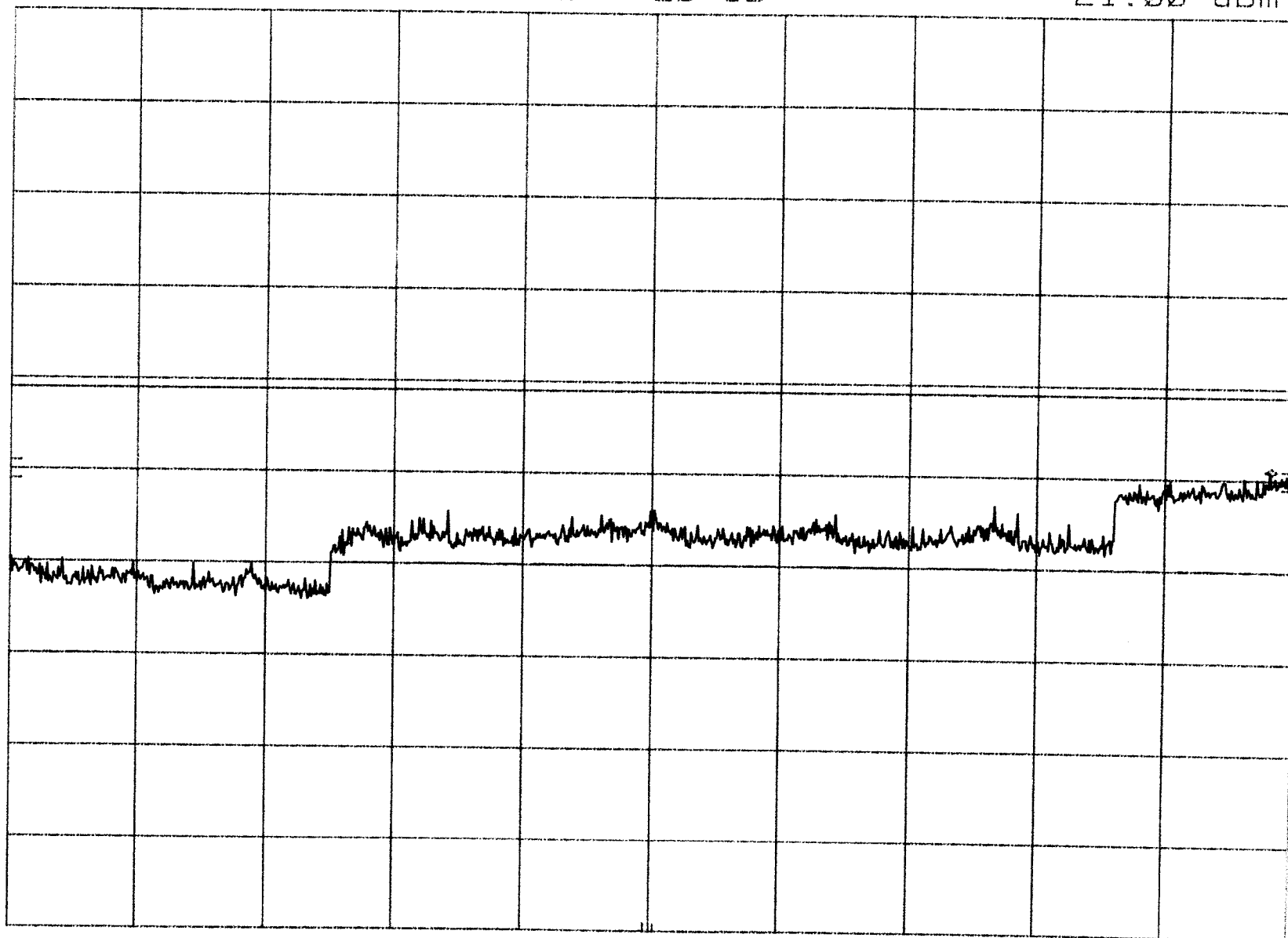
POS PK

OFFSET

1.4
dB

DL

-13.0
dBm



START 10.0 GHz

RES BW 1 MHz (1)

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec

FM Mode Ch.799

MKR 6.580 GHz

hp REF 28.0 dBm ATTN 40 dB + 20 dB

-29.20 dBm

10 dB/

POS PK

OFFSET

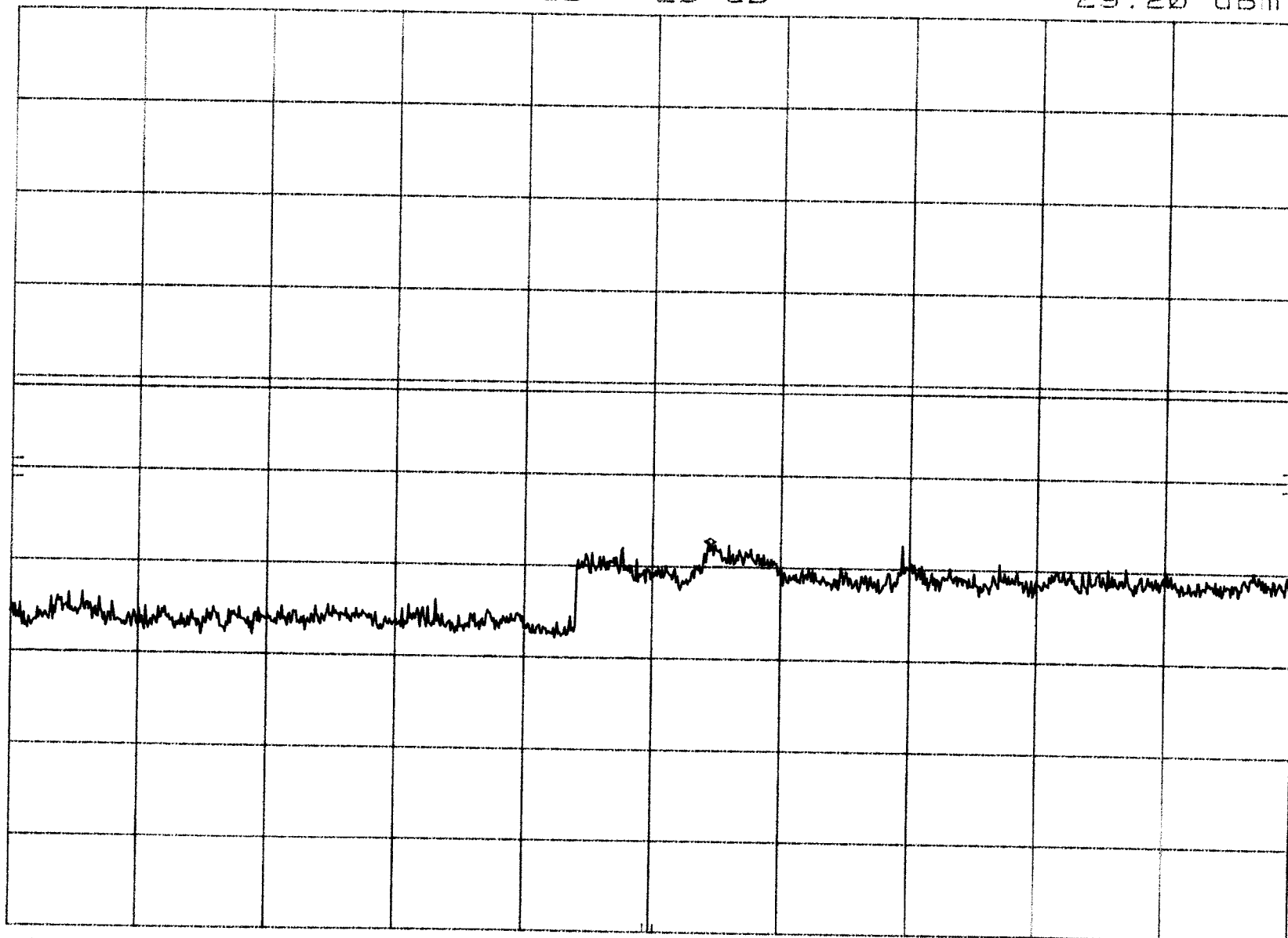
1.4

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (1)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

FM Mode Ch.799

hp

REF 28.0 dBm

ATTEN 40 dB + 20 dB

MKR 1.696 GHz

-33.30 dBm

10 dB/

POS PK

OFFSET

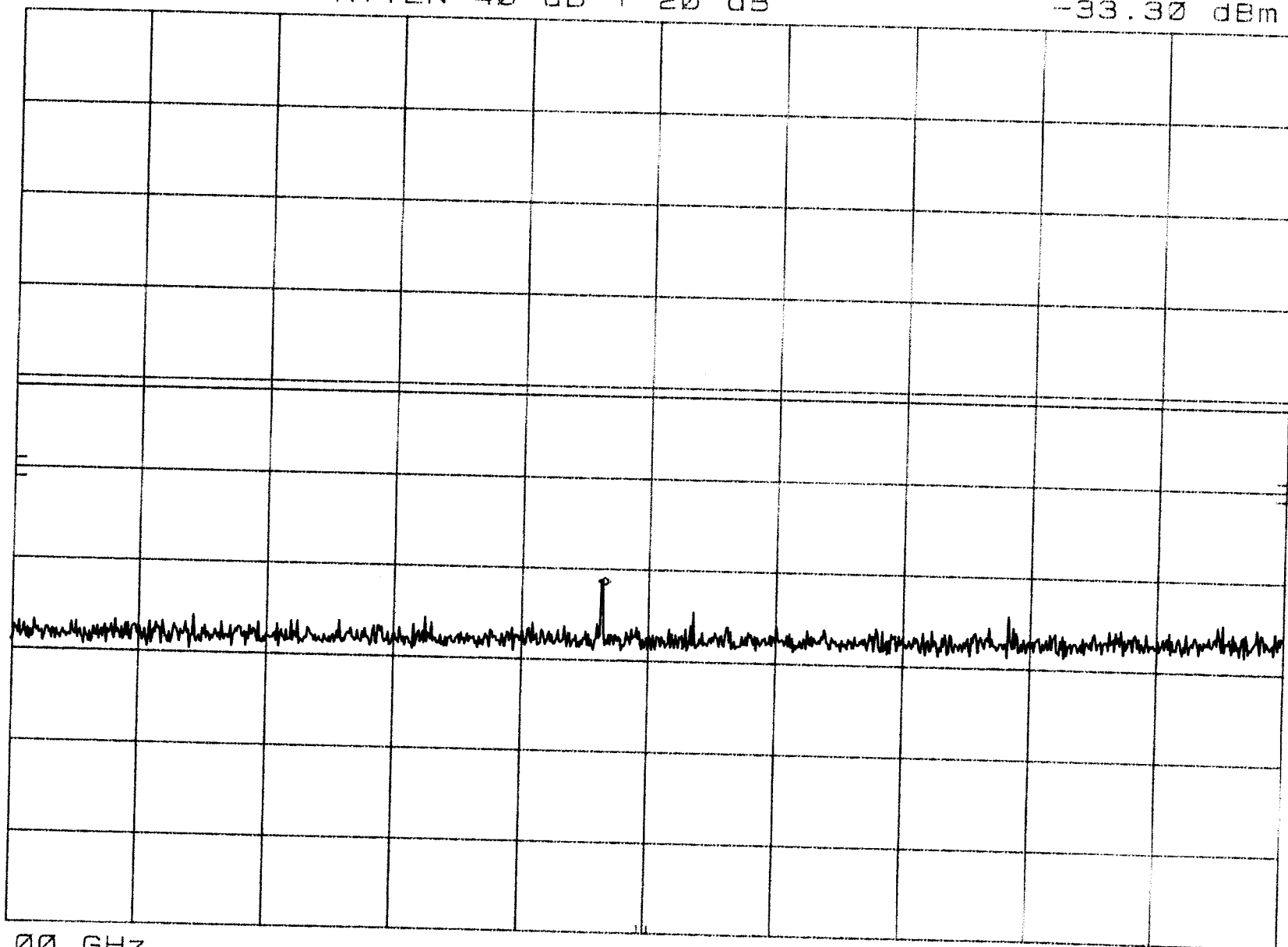
1.4

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

FM Mode Ch.799

f_p REF 28.0 dBm ATTEN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

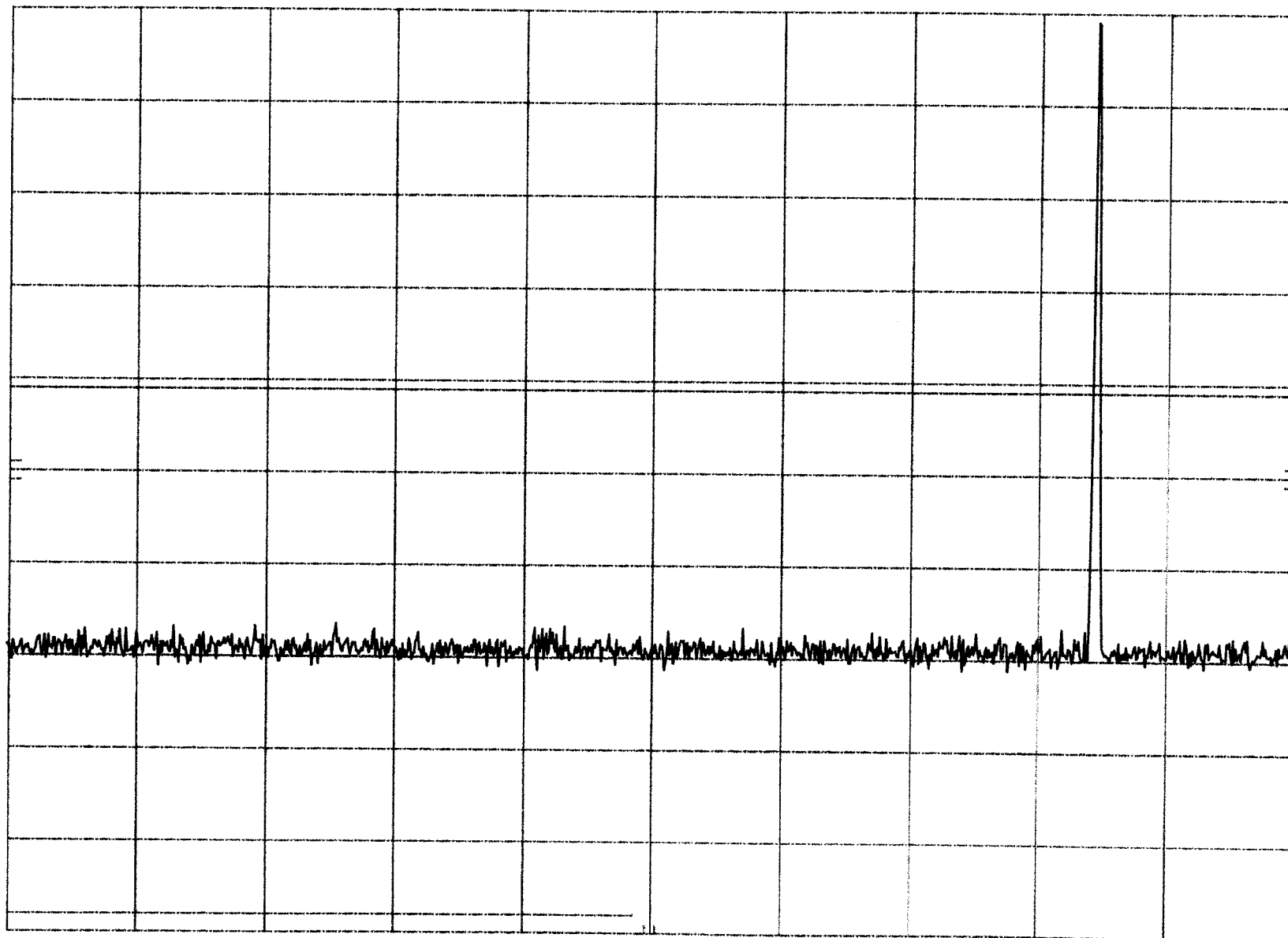
1.4

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.000 GHz
SWP 24.8 msec

FM Mode Ch.383

MKR 19.82 GHz

hp

REF 28.0 dBm

ATTEN 40 dB + 20 dB

-21.30 dBm

10 dB/

POS PK

OFFSET

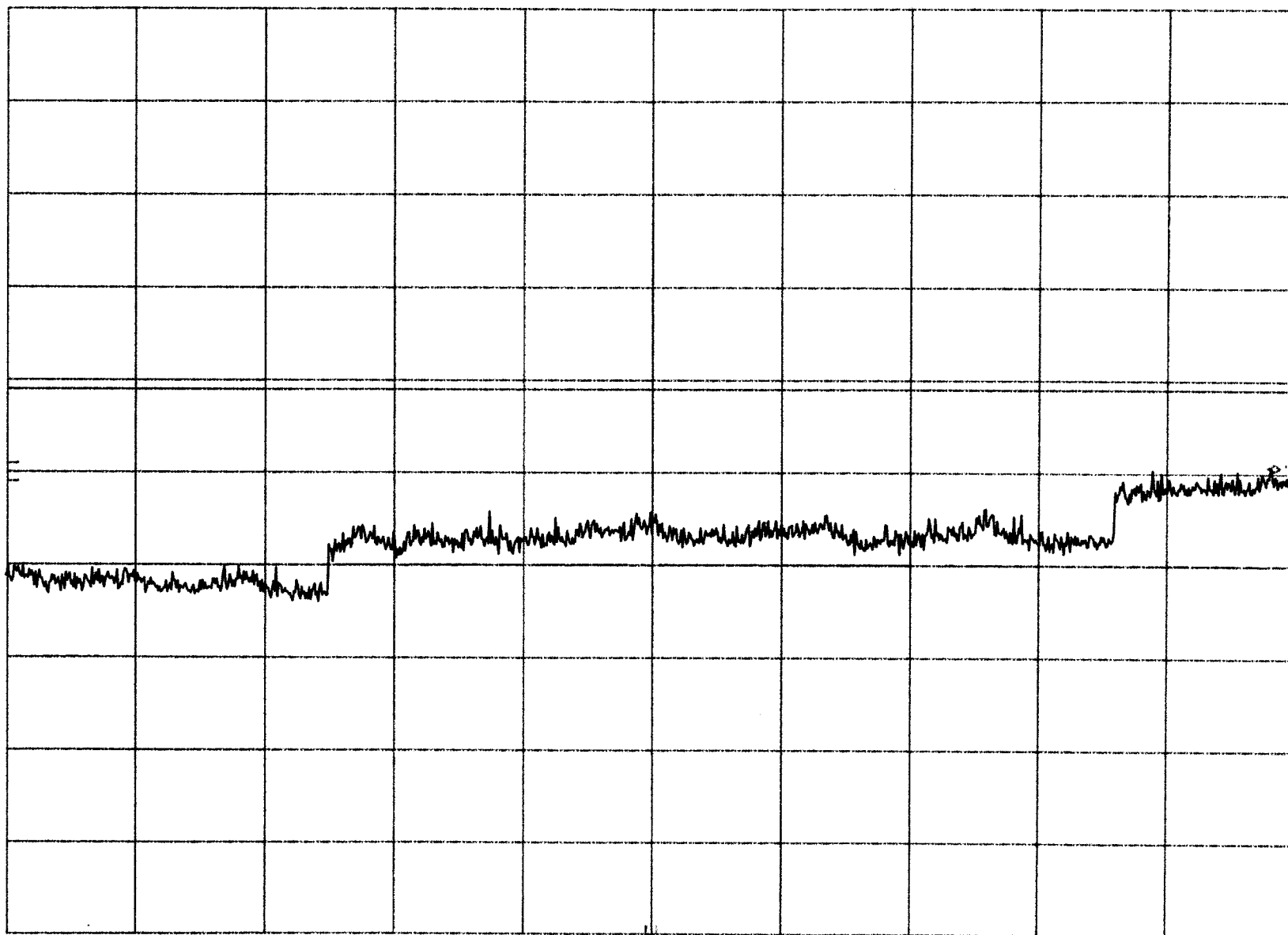
1.4

dB

DL

-13.0

dBm



START 10.0 GHz

RES BW 1 MHz (1)

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec

FM Mode Ch.383

MKR 6.700 GHz

hp

REF 28.0 dBm

ATTEN 40 dB + 20 dB

-28.70 dBm

10 dB/

POS PK

OFFSET

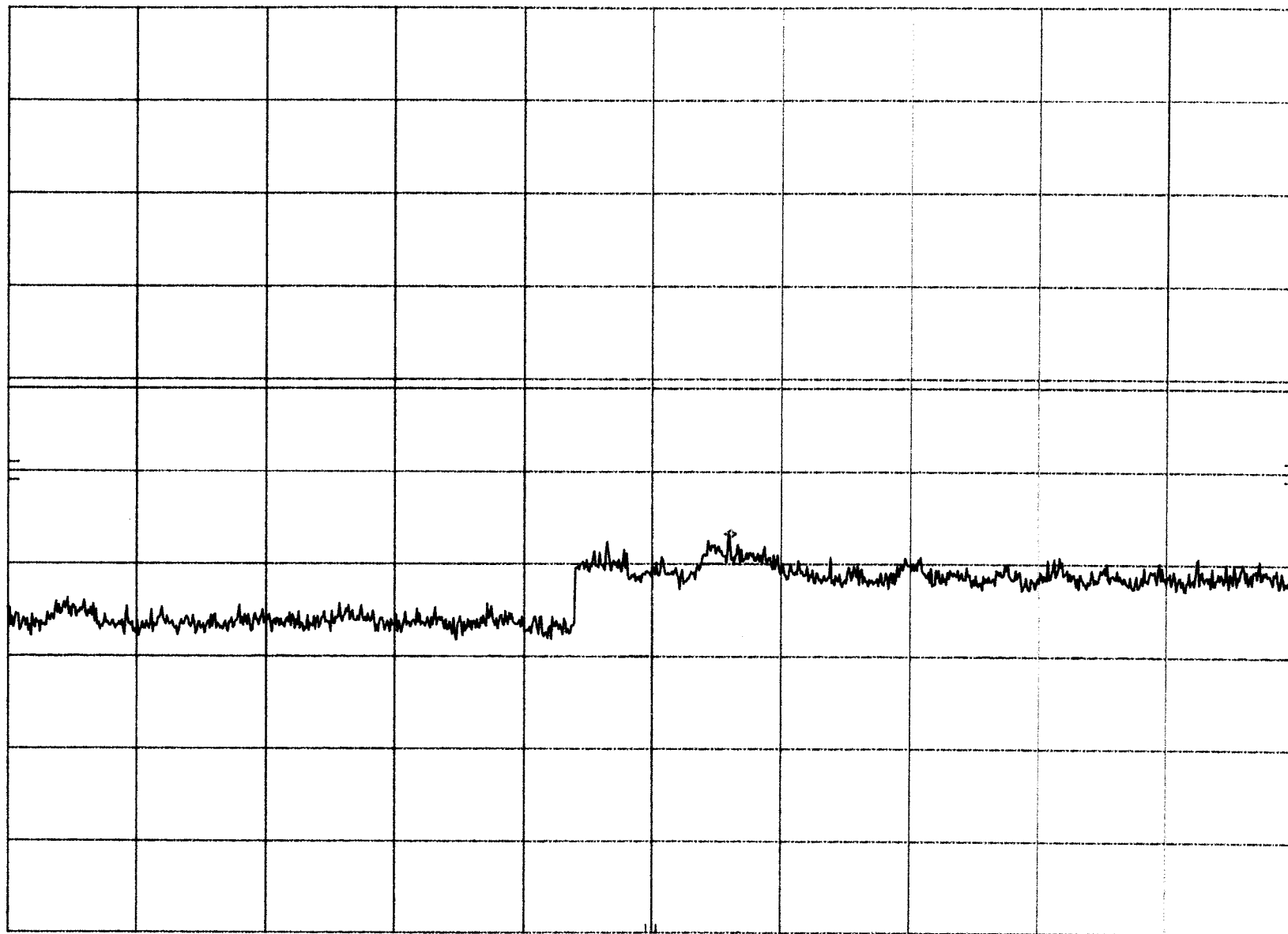
1.4

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

FM Mode Ch.383

MKR 1.672 GHz
-31.50 dBm

hp REF 28.0 dBm ATTEN 40 dB + 20 dB

10 dB/

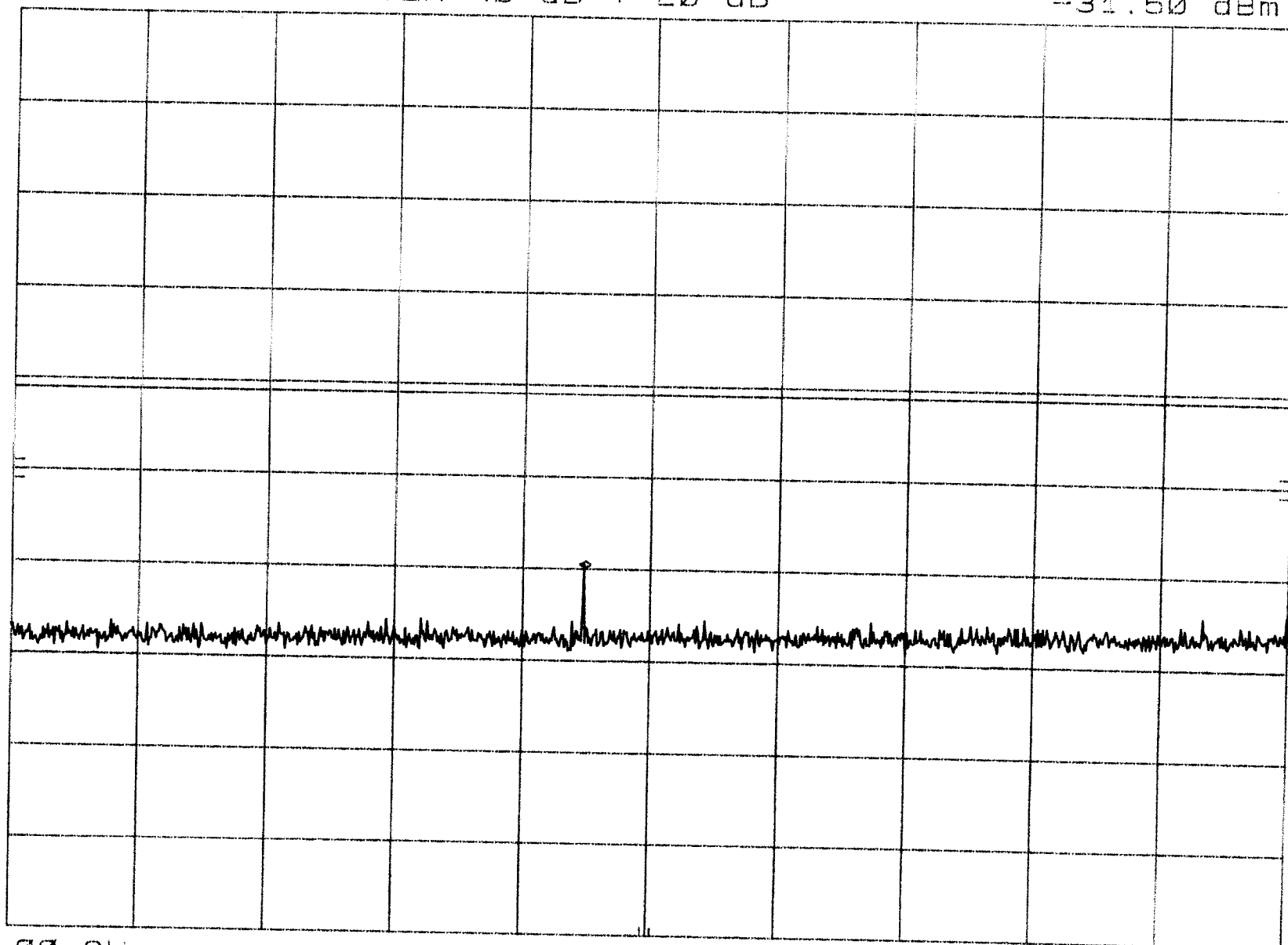
POS PK

OFFSET

1.4
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

FM Mode Ch.383

hp REF 28.0 dBm ATTEN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

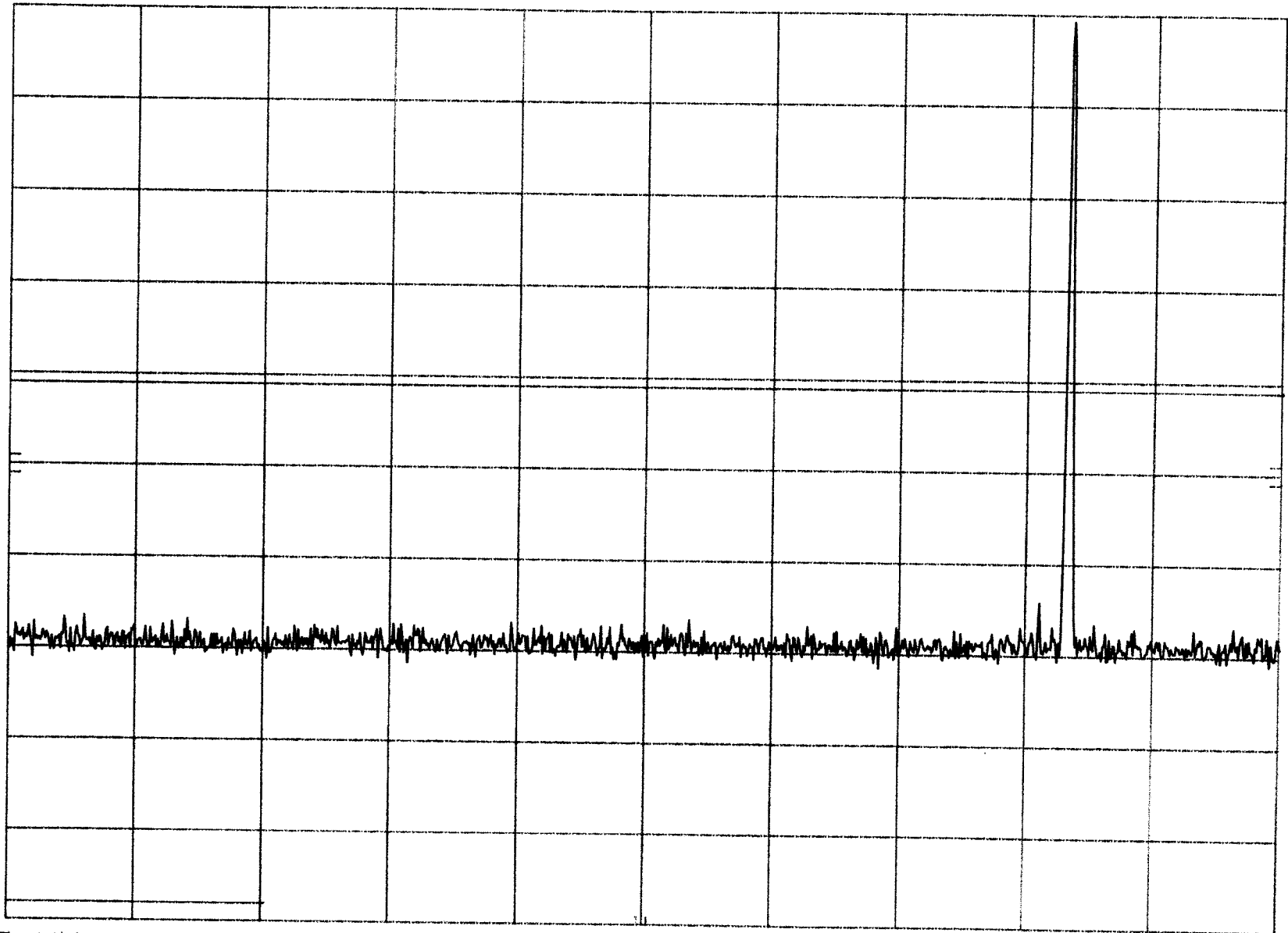
1.4

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.000 GHz
SWP 24.8 msec

FM Mode Ch.991

MKR 19.94 GHz

REF 28.0 dBm ATTEN 40 dB + 20 dB

-19.90 dBm

hp

10 dB/

POS PK

OFFSET

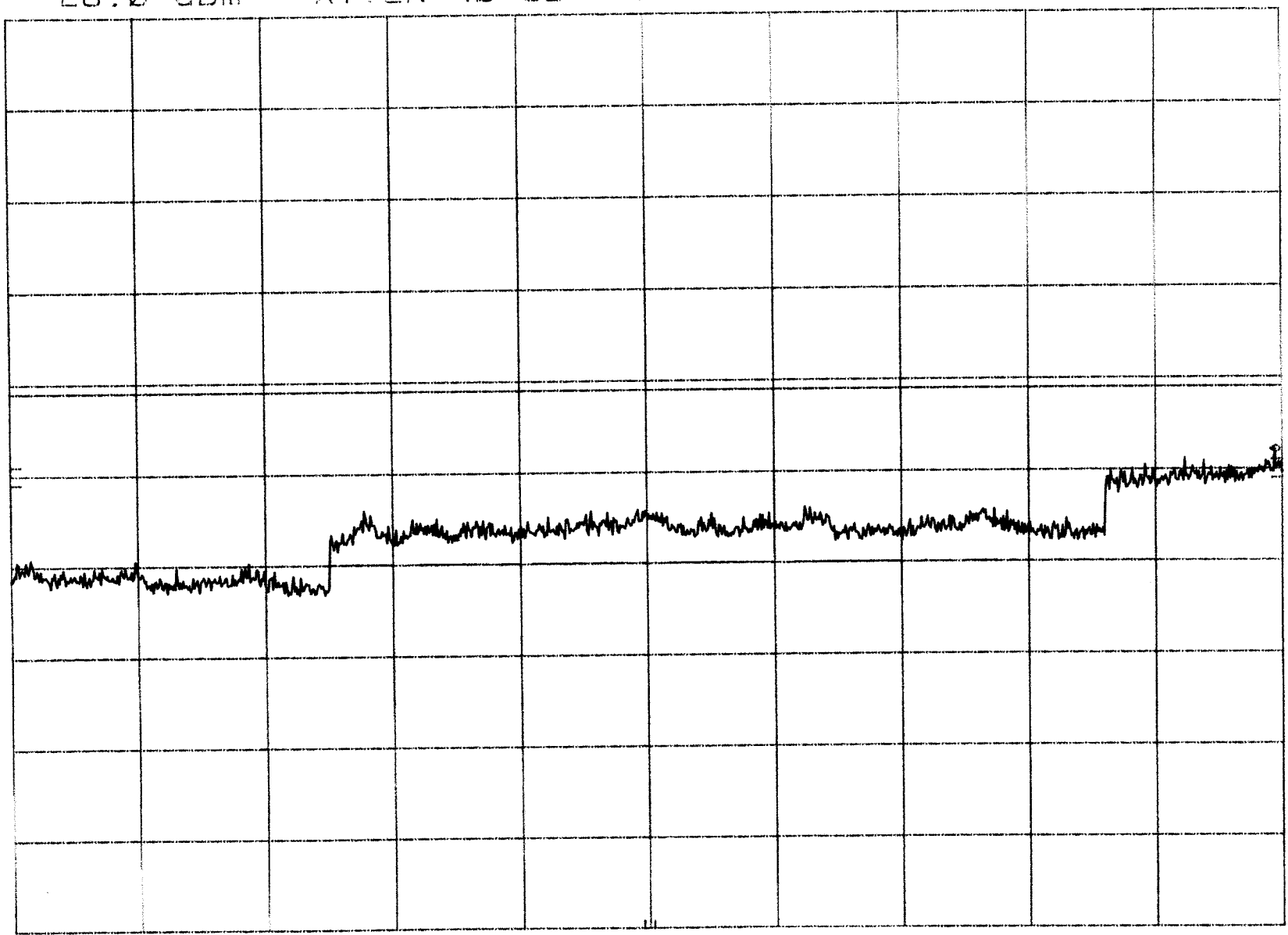
1.4

dB

DL

-13.0

dBm



START 10.0 GHz

RES BW 1 MHz (1)

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec

FM Mode Ch.991

MKR 6.655 GHz

hp

REF 28.0 dBm ATTEN 40 dB + 20 dB

-29.50 dBm

10 dB/

POS PK

OFFSET

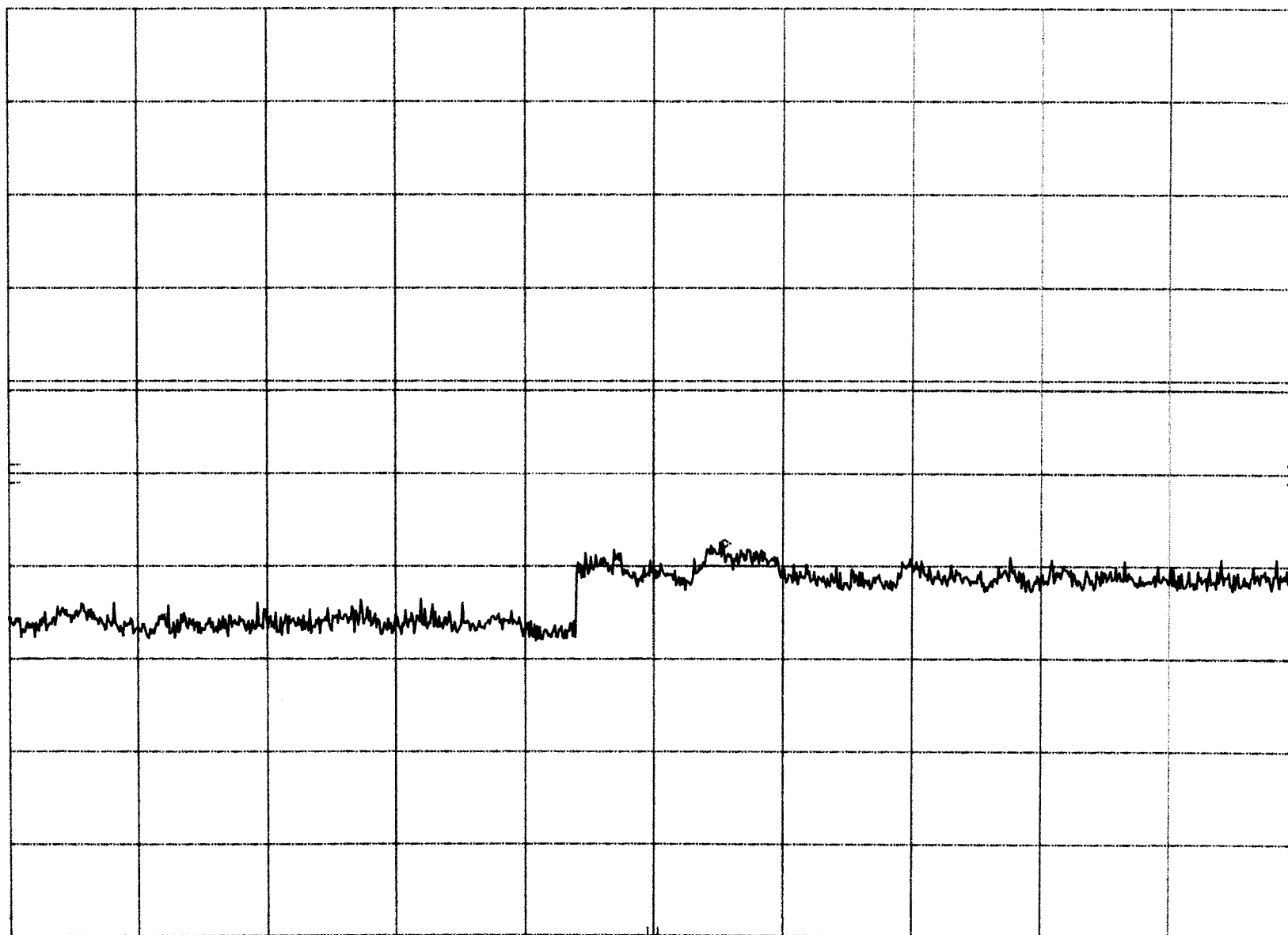
1.4

dB

DL

-13.0

dBm



START 2.50 GHz

STOP 10.00 GHz

RES BW 1 MHz (1)

VBW 1 MHz

SWP 188 msec

CDMA MODE CH.MED 99%PWR
REF 25.0 dBm AT 40 dB

MKR Δ 1.250 MHz
-2.14 dB

PEAK
LOG
10
dB/
OFFST
1.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR

CENTER
FREQ

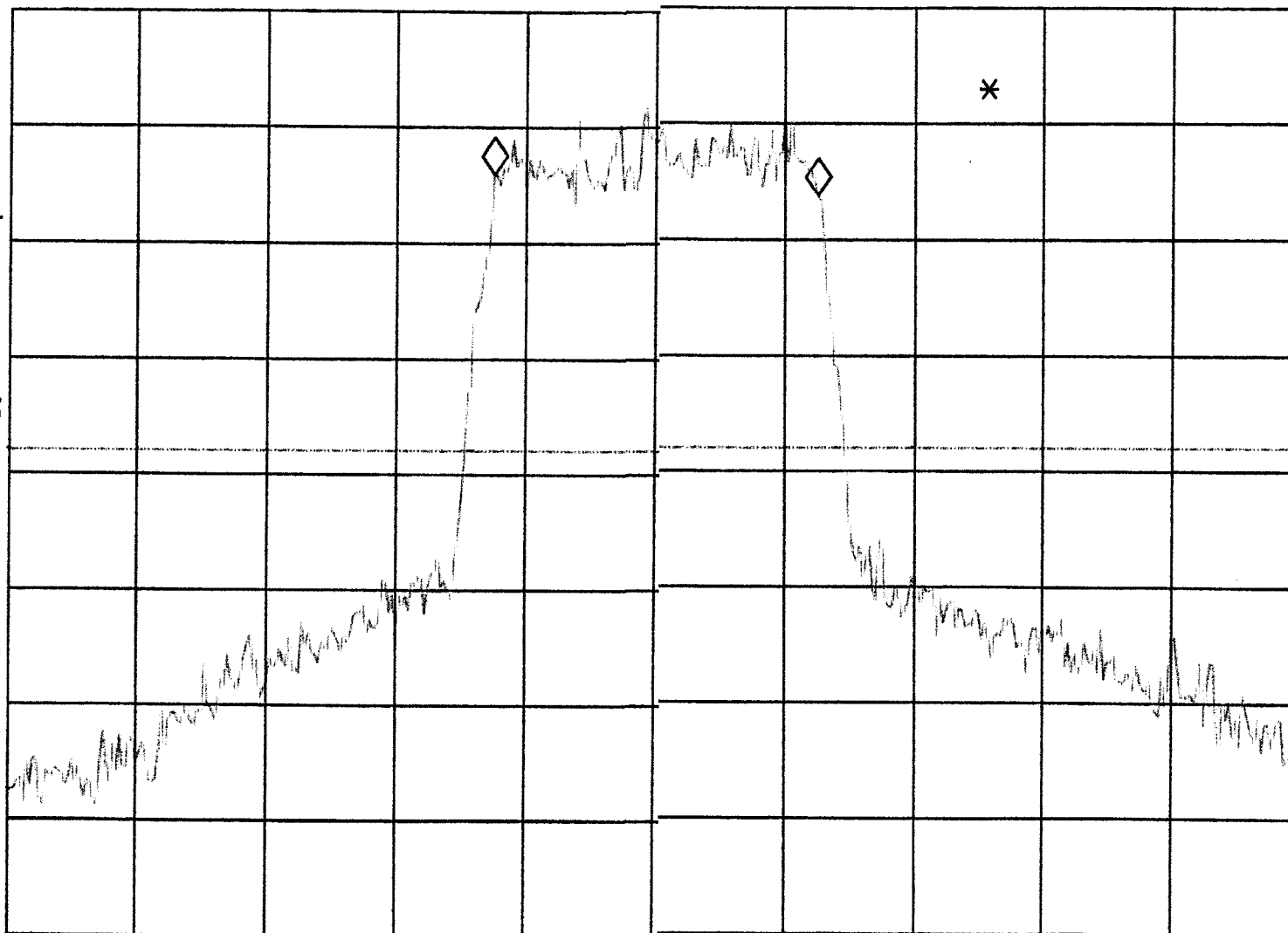
START
FREQ

STOP
FREQ

CF STEP
AUTO MAN

FREQ
OFFSET

Band
Lock



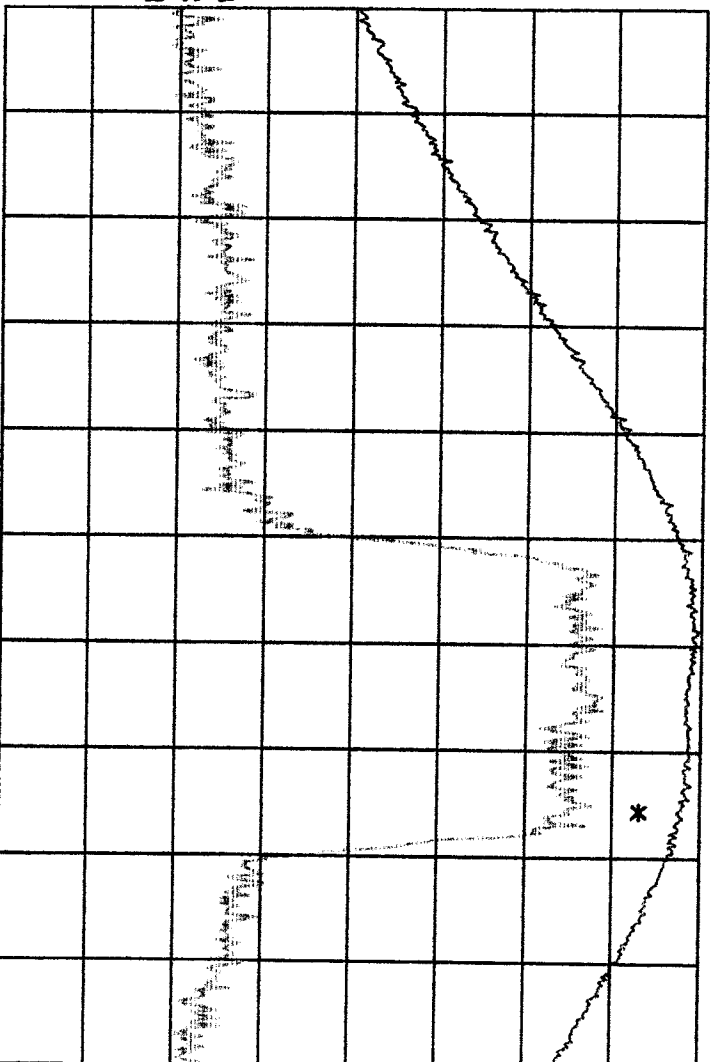
CENTER 835.890 MHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 5.000 MHz
SWP 20.0 msec

~~10~~ CDMA MODE CH.LOW
REF 25.0 dBm AT 40 dB

PEAK
LOG
10
dB/



CENTER
FREQ

START
FREQ

STOP
FREQ

CF STEP
AUTO MAN

FREQ
OFFSET

Band
Lock

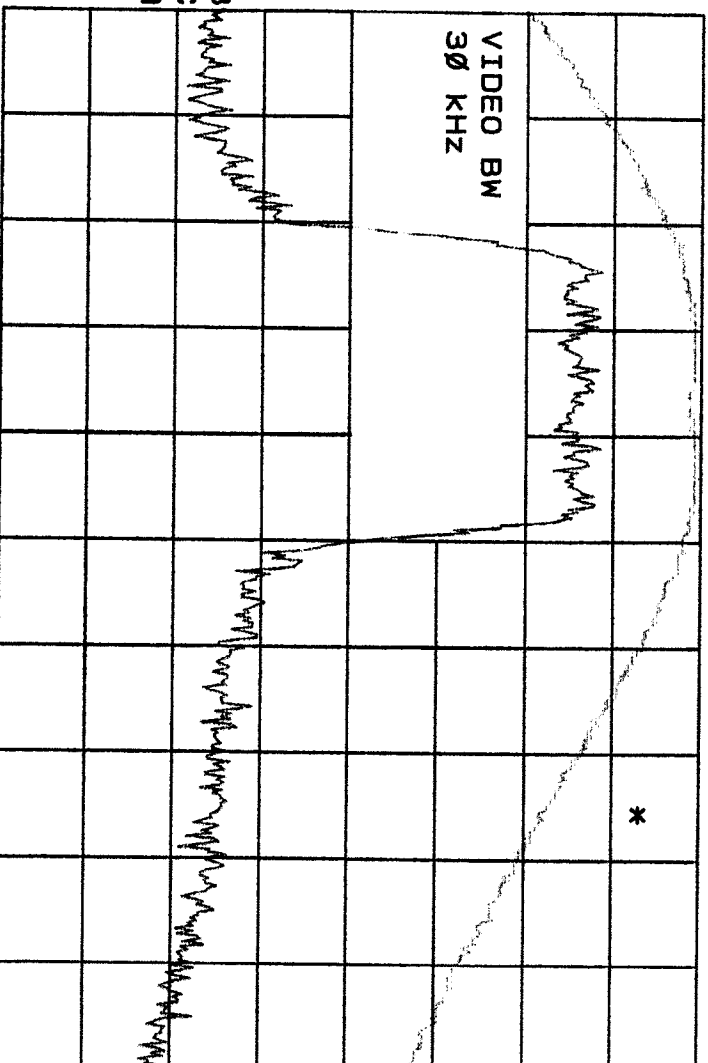
CENTER 824.040 MHz
#RES BW 1.0 MHz

#VBW 1 MHz

SPAN 5.000 MHz
SWP 20.0 msec

~~10~~ CDMA MODE CH.HIGH
REF 25.0 dBm AT 40 dB

PEAK
LOG
10
dB/



PLTS/Pg
1 2 4

PLT
LOC ☐

PLT->LJT
ON OFF

Plt Port
Config

PLT MENU
ON OFF

Previous
Menu

CENTER 848.970 MHz
#RES BW 30 KHz

#VBW 30 KHz

SPAN 5.000 MHz
SWP 20.0 msec

CDMA Mode Ch.777

MKR 19.83 GHz

hp

REF 25.0 dBm ATTEN 40 dB + 20 dB

-20.80 dBm

10 dB/

POS PK

OFFSET

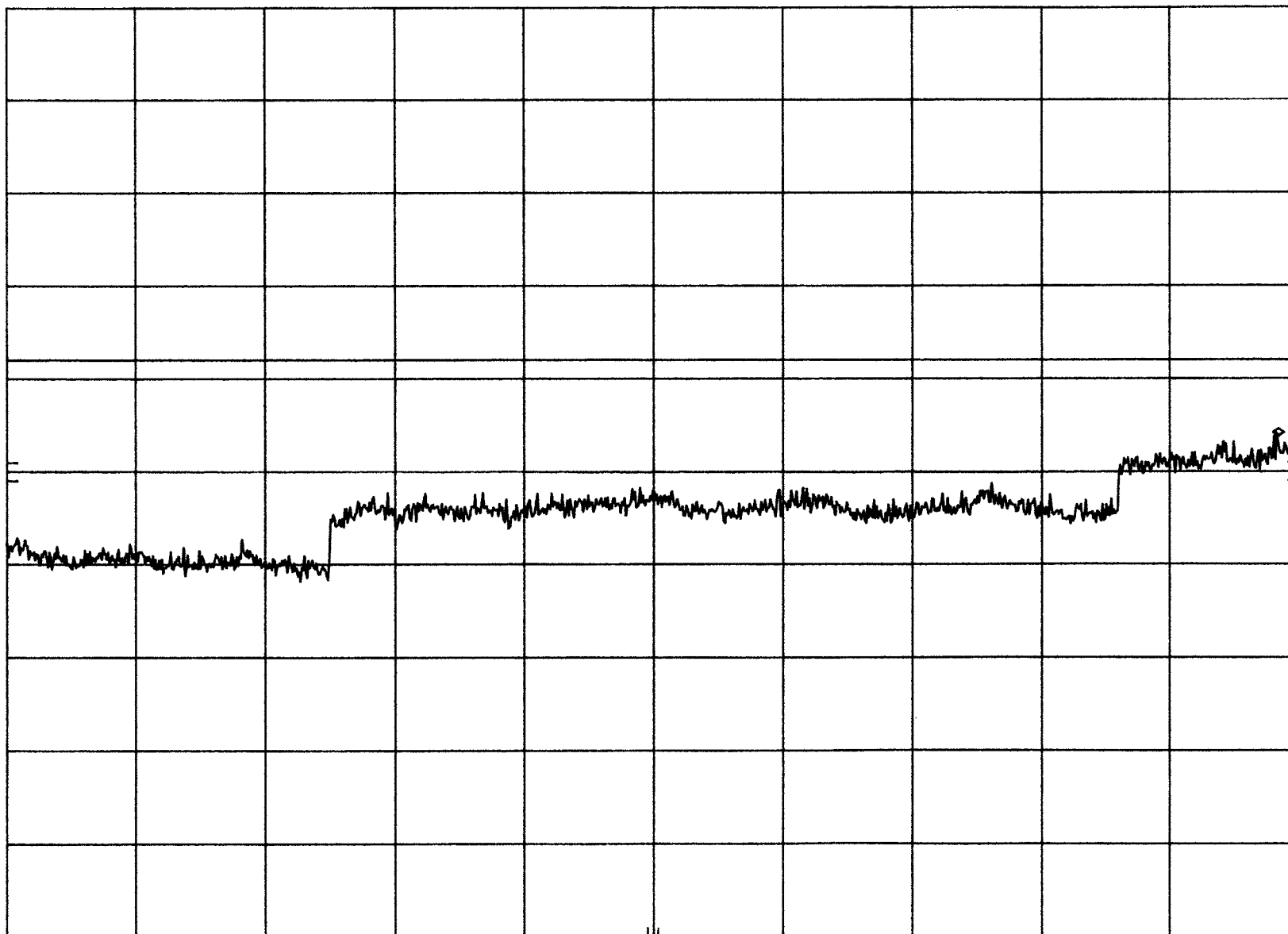
1.4

dB

DL

-13.0

dBm



START 10.0 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec

CDMA Mode Ch.777

MKR 6.580 GHz

hp

REF 25.0 dBm

ATTEN 40 dB + 20 dB

-28.70 dBm

10 dB/

POS PK

OFFSET

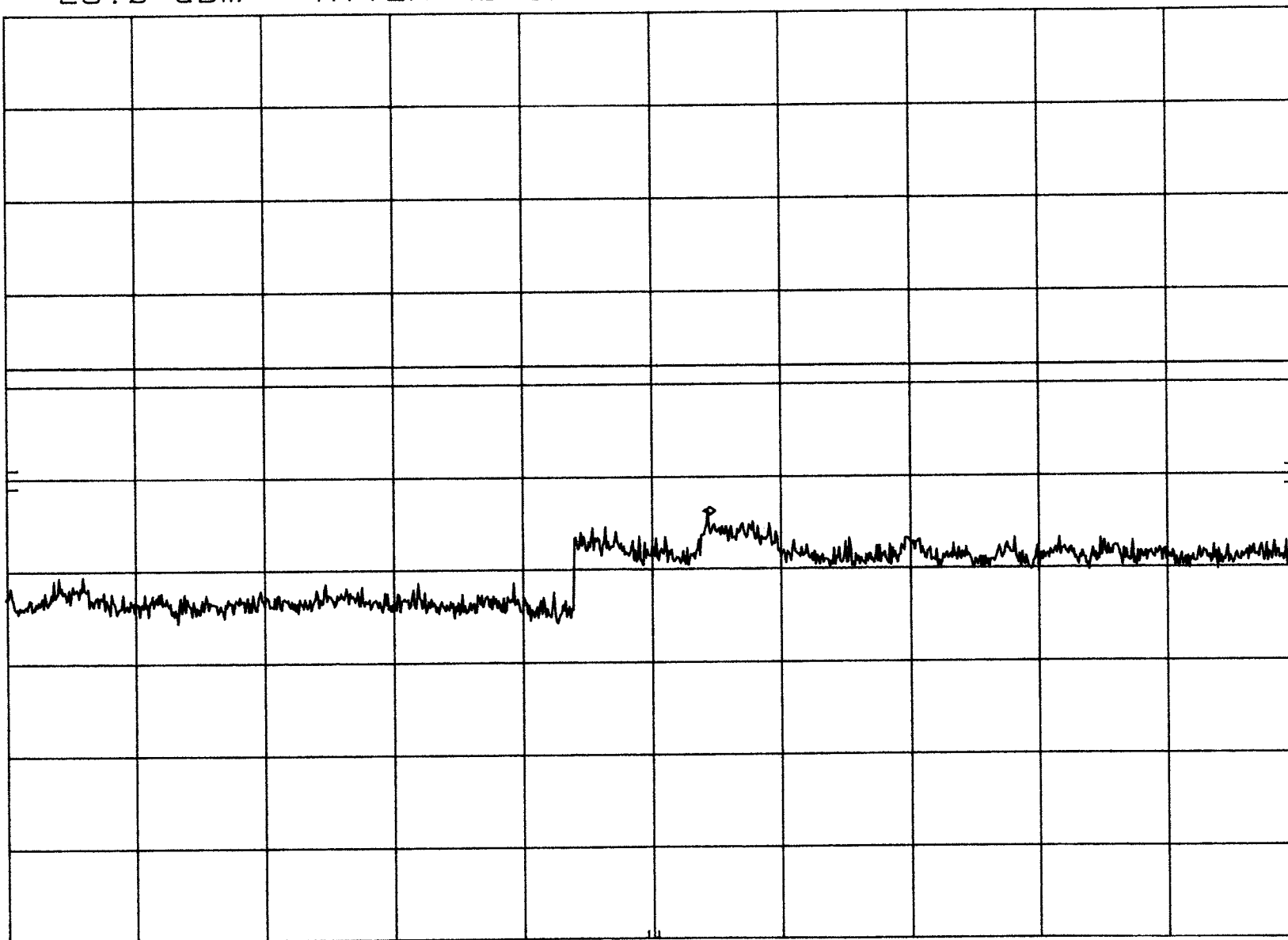
1.4

dB

DL

-13.0

dBm



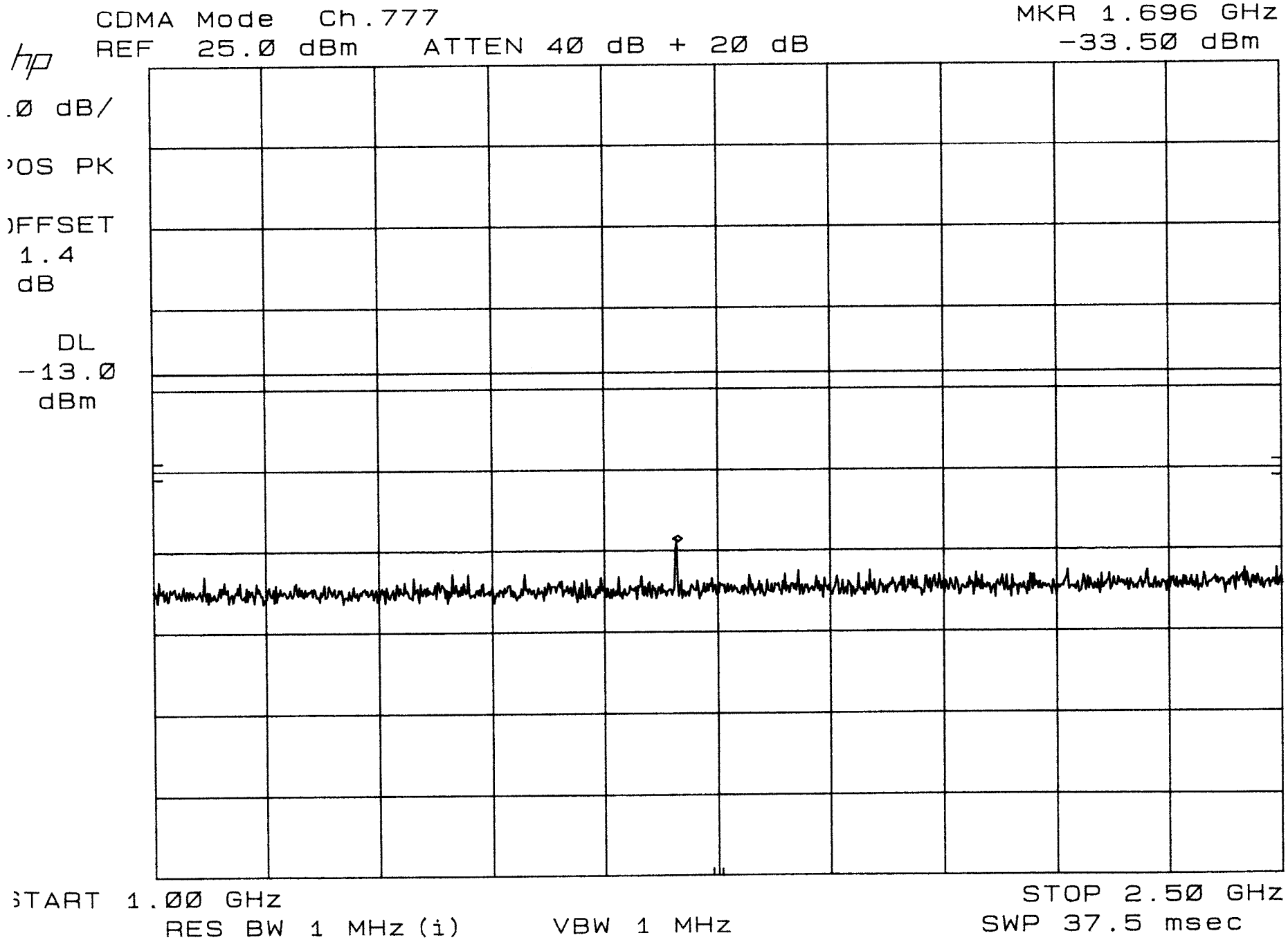
START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec



CDMA Mode Ch. 0363

MKR 1.671 GHz

hp REF 25.0 dBm ATTN 40 dB + 20 dB

-31.60 dBm

10 dB/

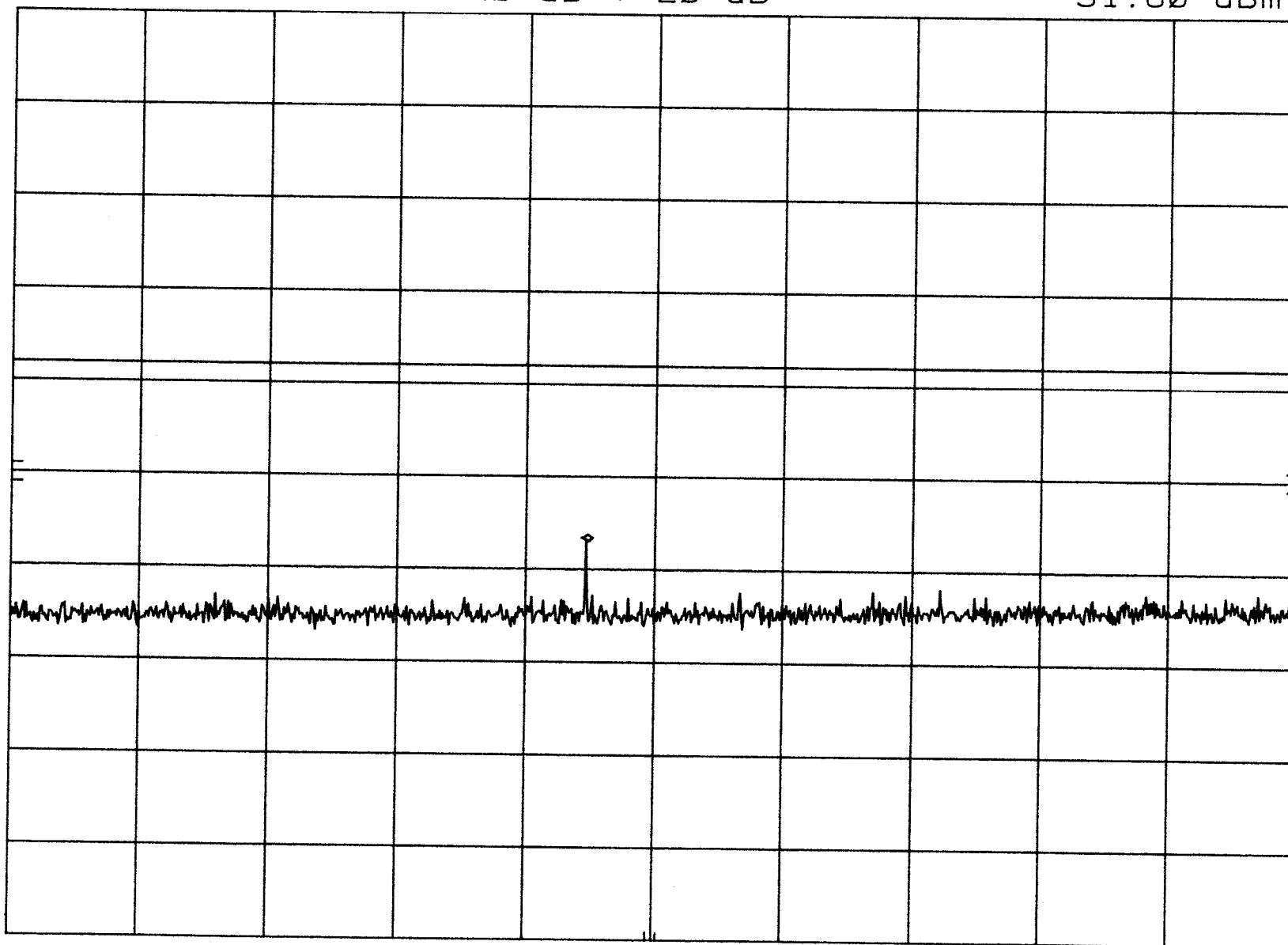
POS PK

OFFSET

1.4
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

CDMA Mode Ch. 0363

hp REF 25.0 dBm ATTEN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

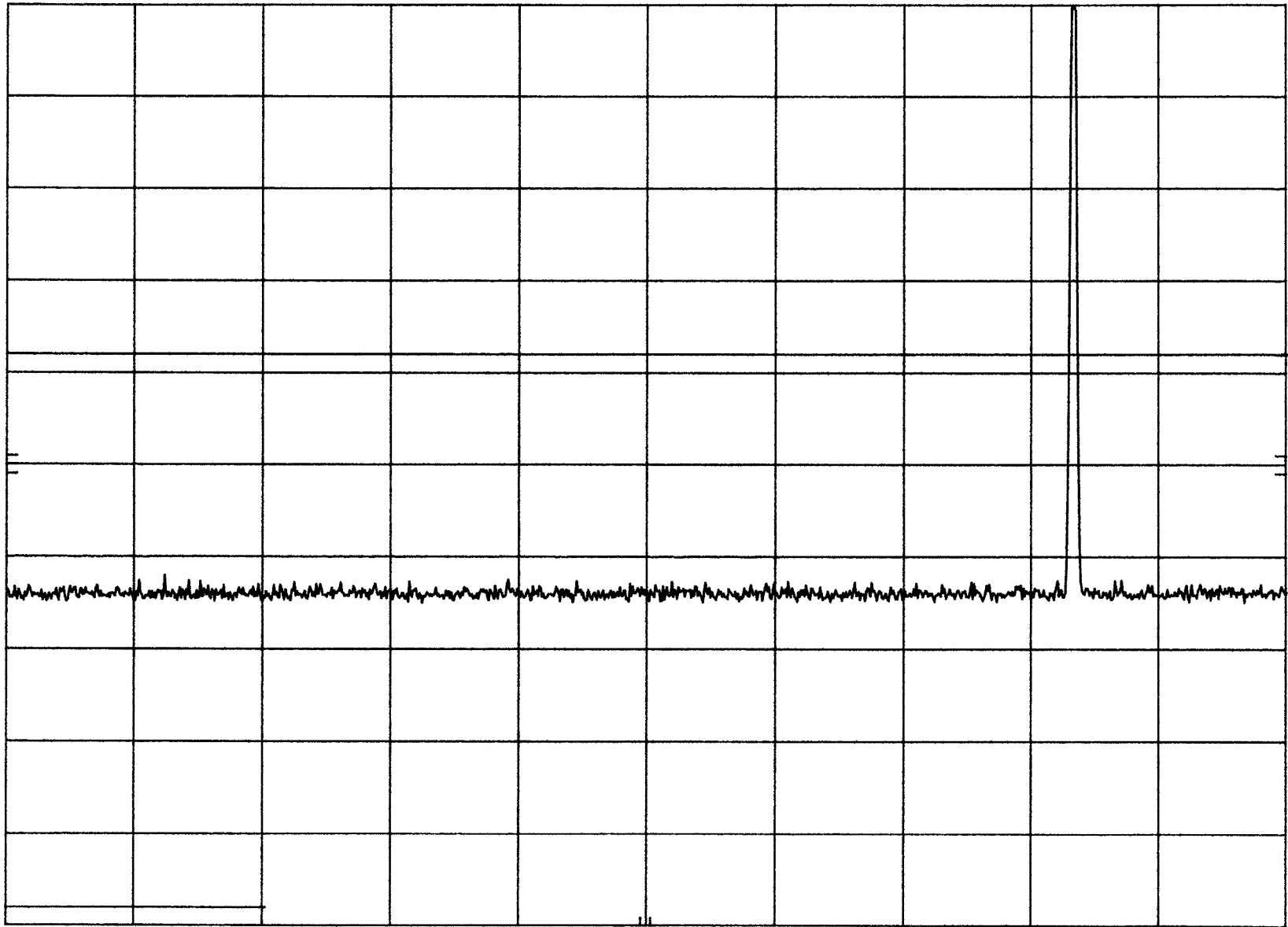
1.4

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.000 GHz

SWP 24.8 msec

CDMA Mode Ch. 1013

MKR 19.95 GHz

hp

REF 25.0 dBm

ATTEN 40 dB + 20 dB

-21.10 dBm

10 dB/

POS PK

OFFSET

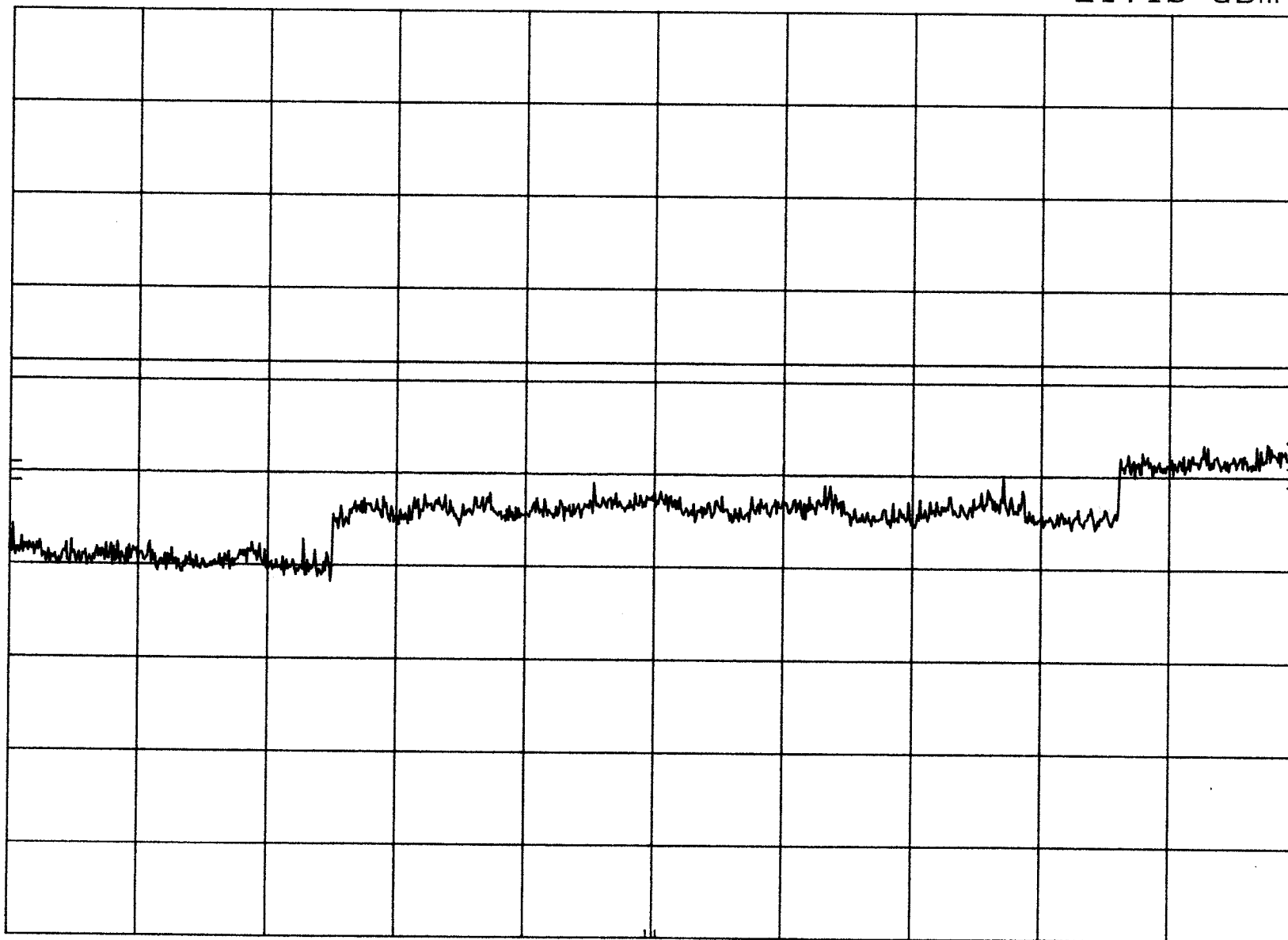
1.4

dB

DL

-13.0

dBm



START 10.0 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec

CDMA Mode Ch.1013

MKR 6.813 GHz

hp

REF 25.0 dBm ATTEN 40 dB + 20 dB

-29.10 dBm

10 dB/

POS PK

OFFSET

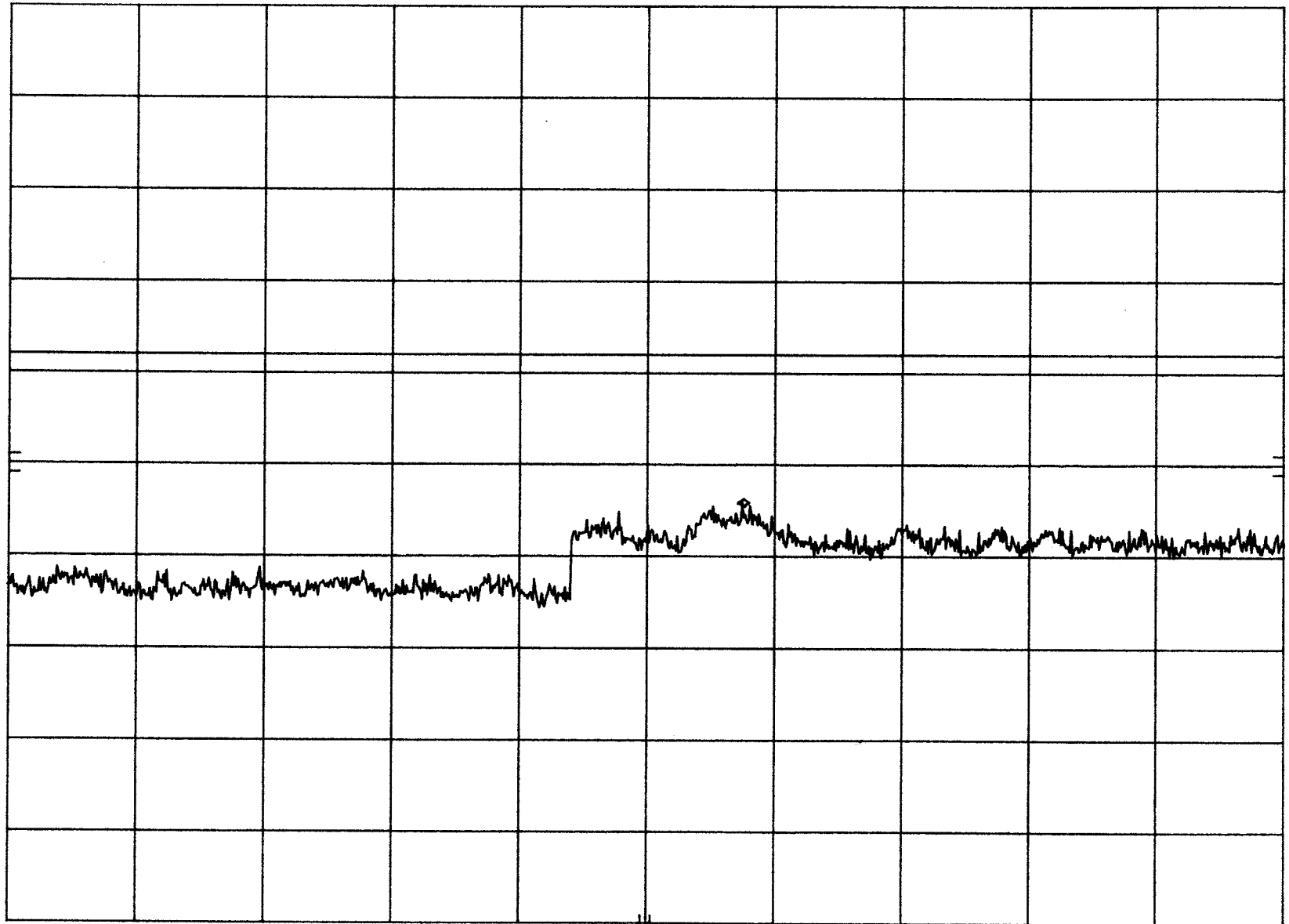
1.4

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz

SWP 188 msec

CDMA Mode Ch.1013

MKR 2.476 GHz

hp

REF 25.0 dBm ATTEN 40 dB + 20 dB

-29.50 dBm

10 dB/

POS PK

OFFSET

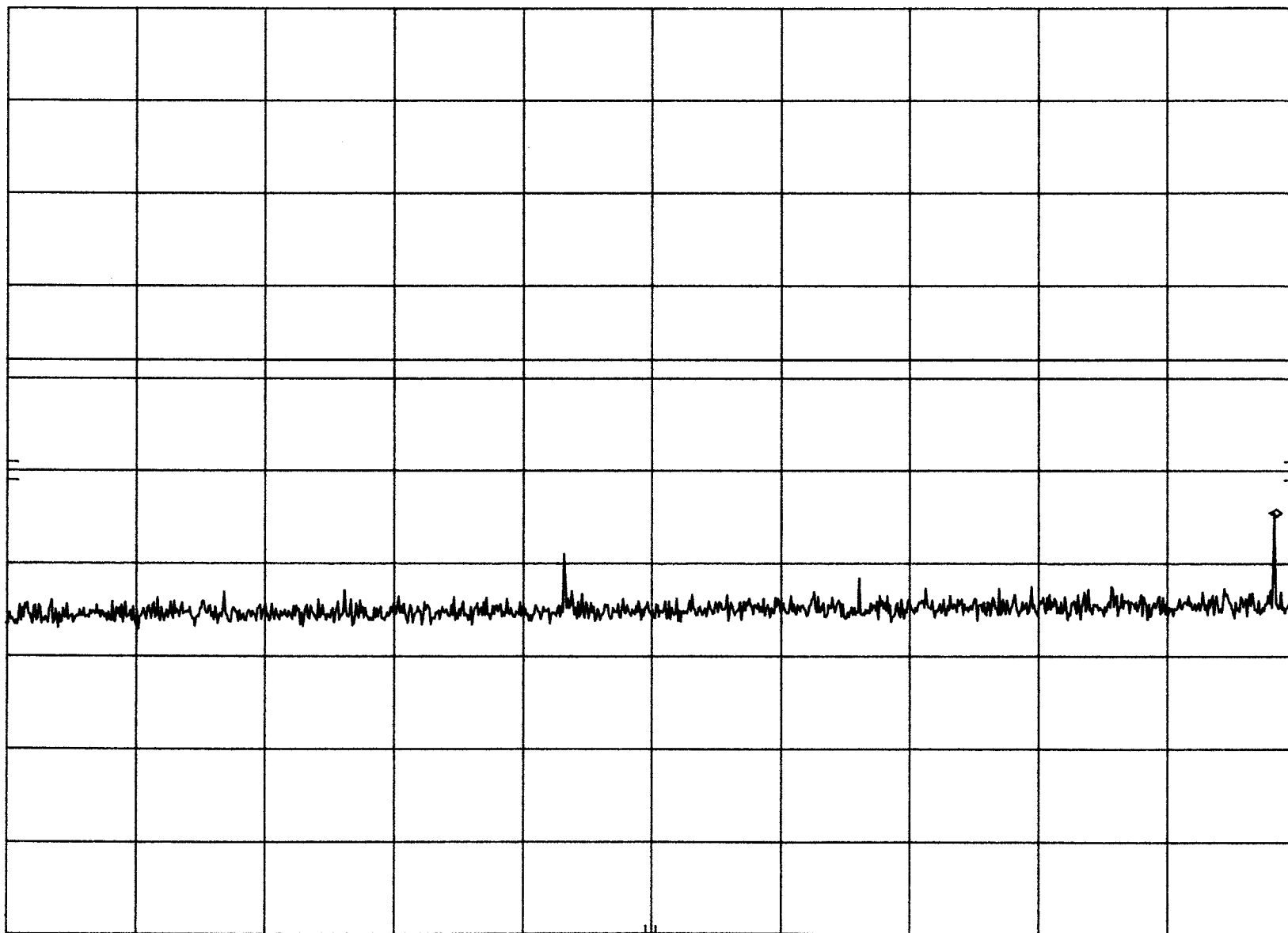
1.4

dB

DL

-13.0

dBm



START 1.000 GHz

STOP 2.500 GHz

RES BW 1 MHz (i)

VBW 1 MHz

SWP 37.5 msec

CDMA Mode Ch.1013

hp REF 25.0 dBm ATTEN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

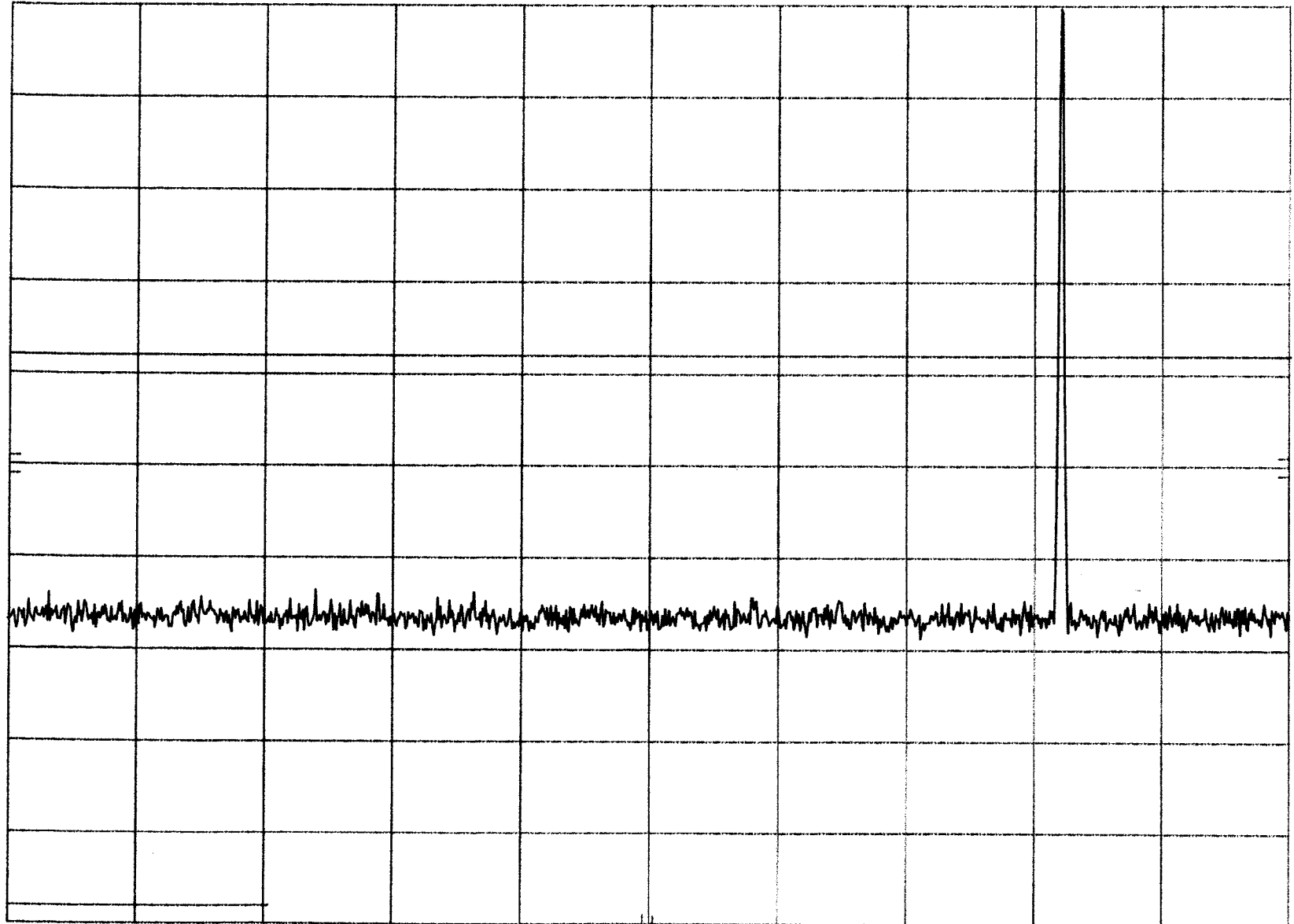
1.4

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 1.000 GHz

SWP 24.8 msec