

PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8500

SAMSUNG DUAL BAND PHONE

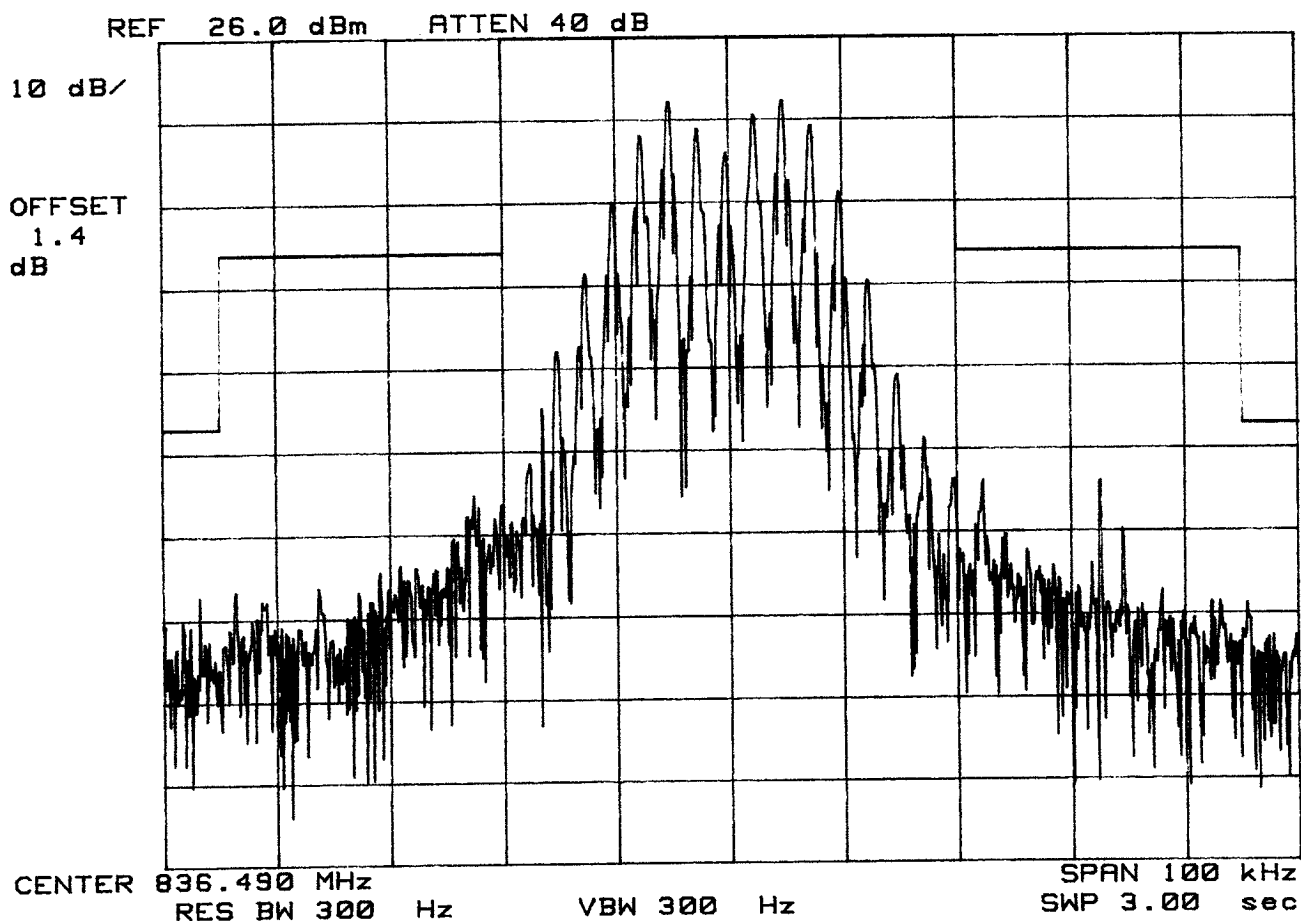
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Voice



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8500

SAMSUNG DUAL BAND PHONE

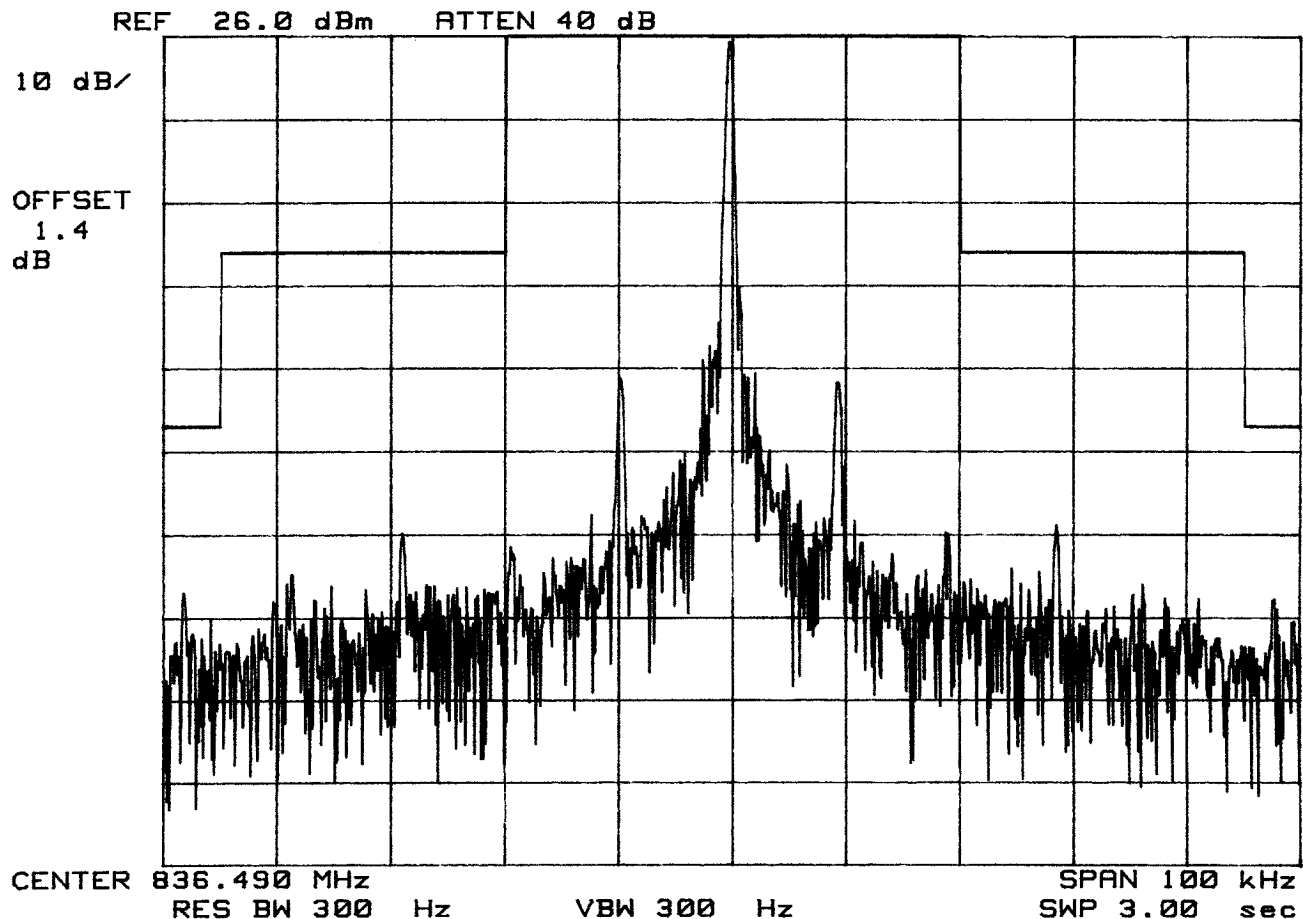
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Unmodulated Signal



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8500

SAMSUNG DUAL BAND PHONE

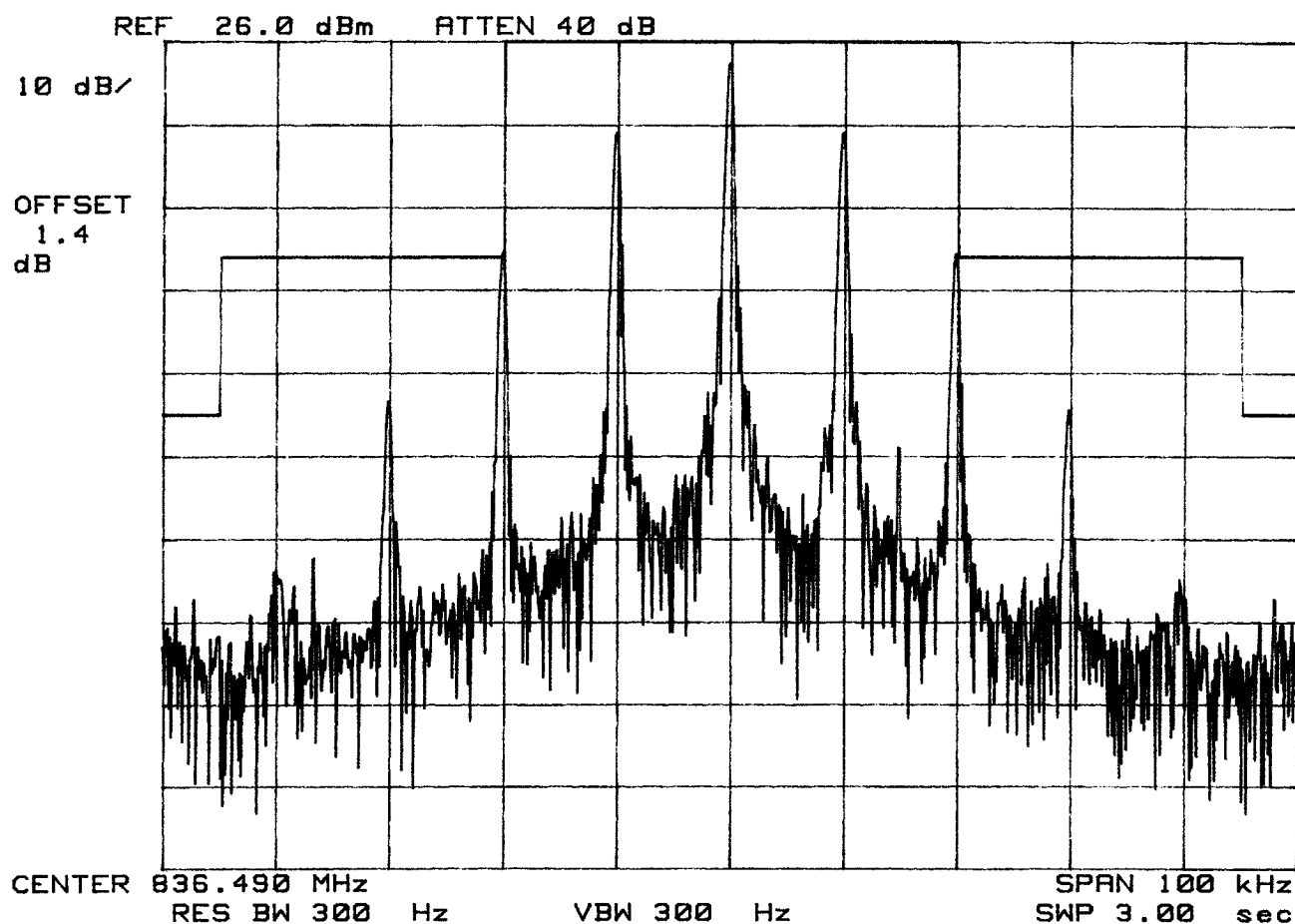
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8500

SAMSUNG DUAL BAND PHONE

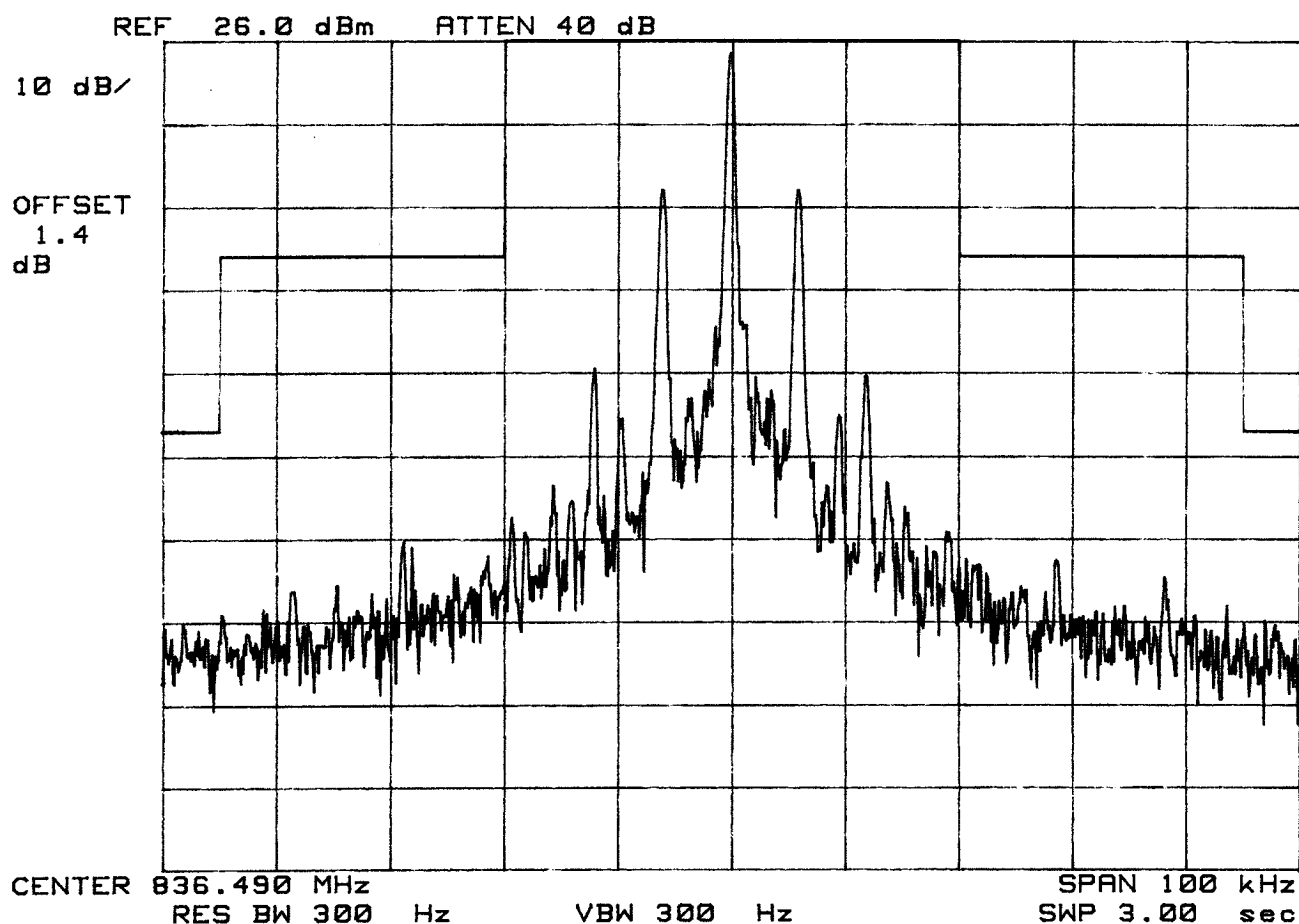
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT



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SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8500

SAMSUNG DUAL BAND PHONE

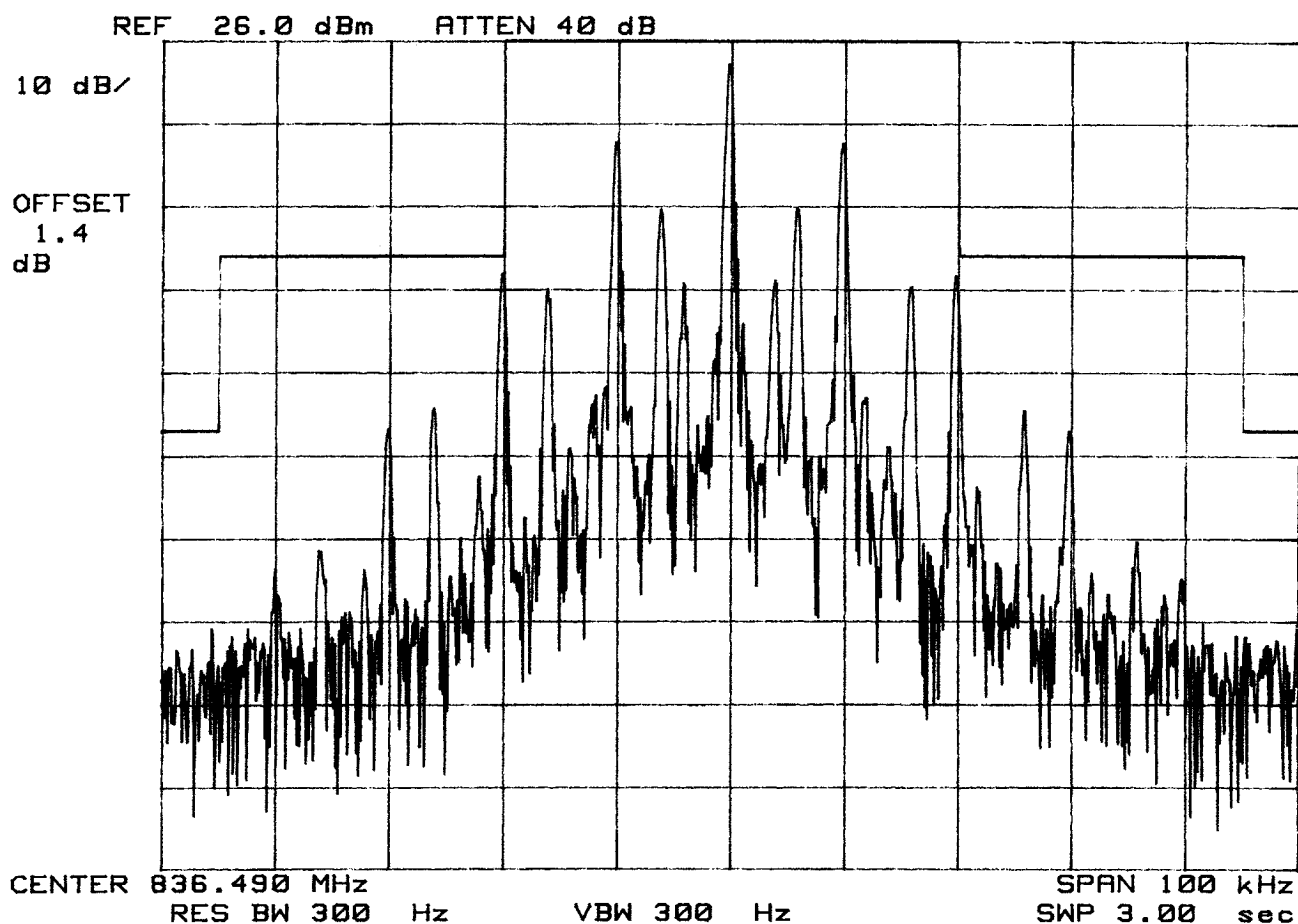
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:SAT + ST



PCTEST Engineering Lab.

SPECTRUM ANALYZER PRESENTATION

FCC ID:A3LSCH8500

SAMSUNG DUAL BAND PHONE

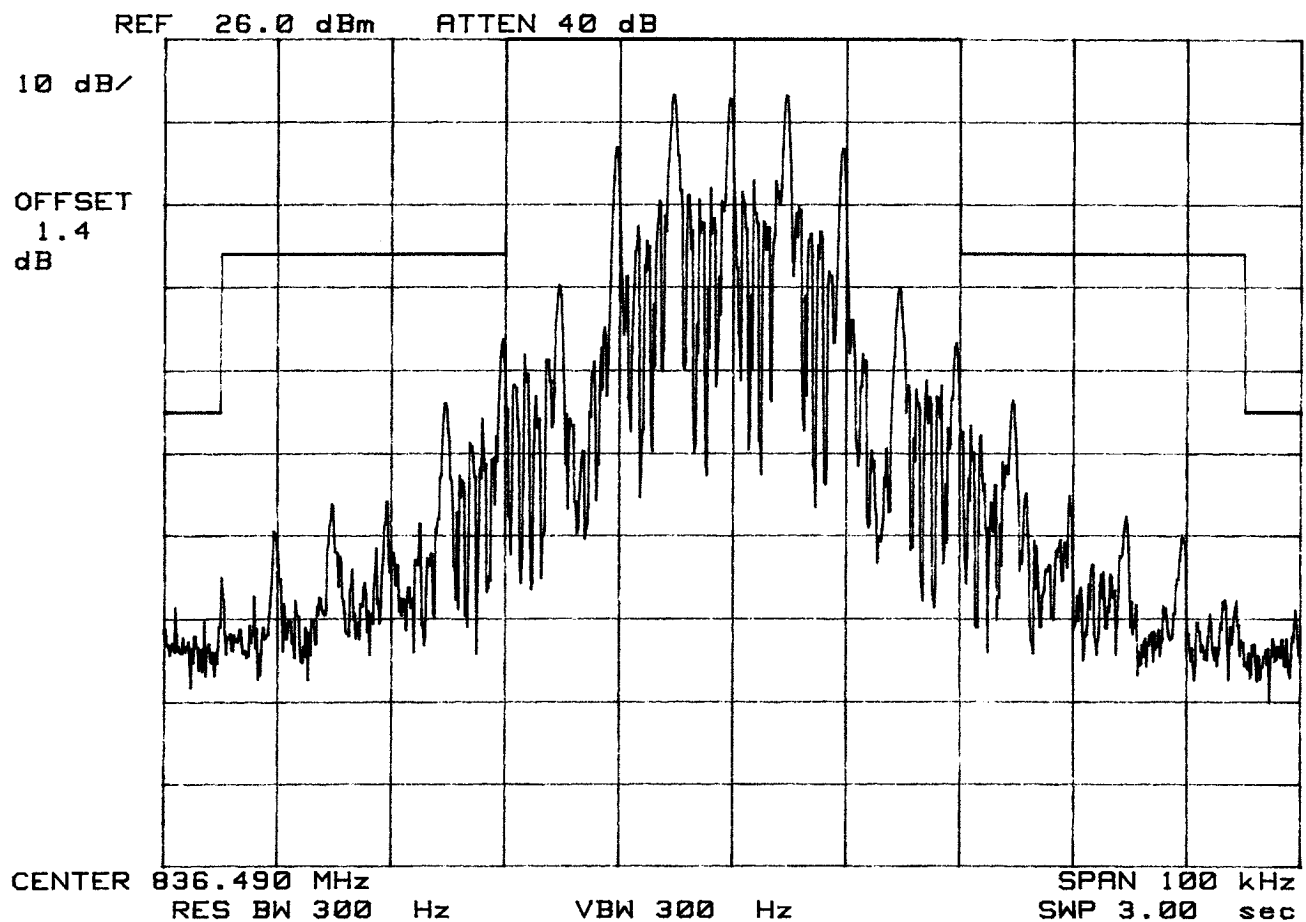
FM MODE

CHAN 383

Operating Frequency: 836.490 MHz

Output Power : 26.0 dBm

Test Mode:Wide Band Data

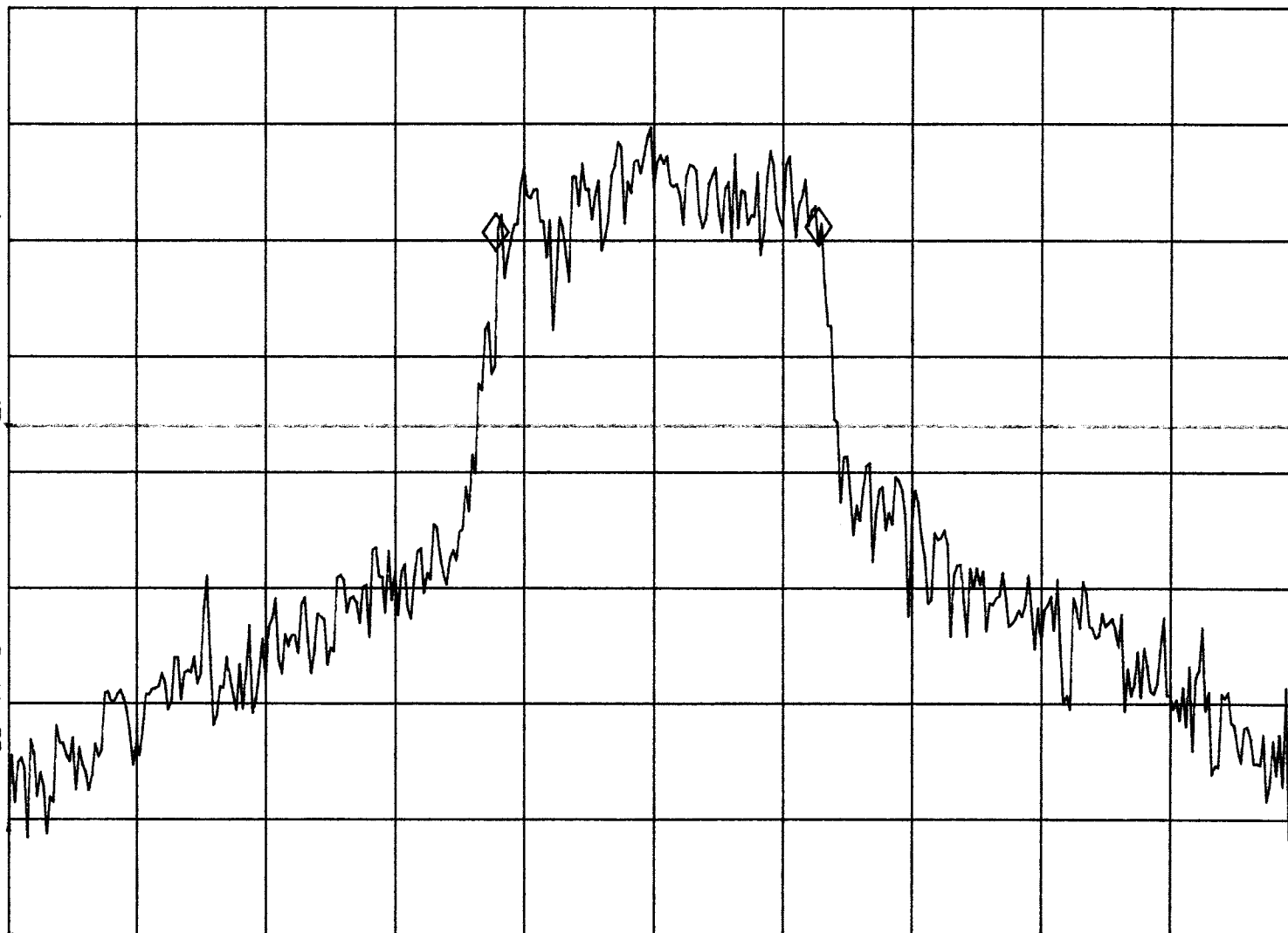


PCS MODE Ch.0600 99%PWR
REF 23.0 dBm ATTEN 40 dB

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

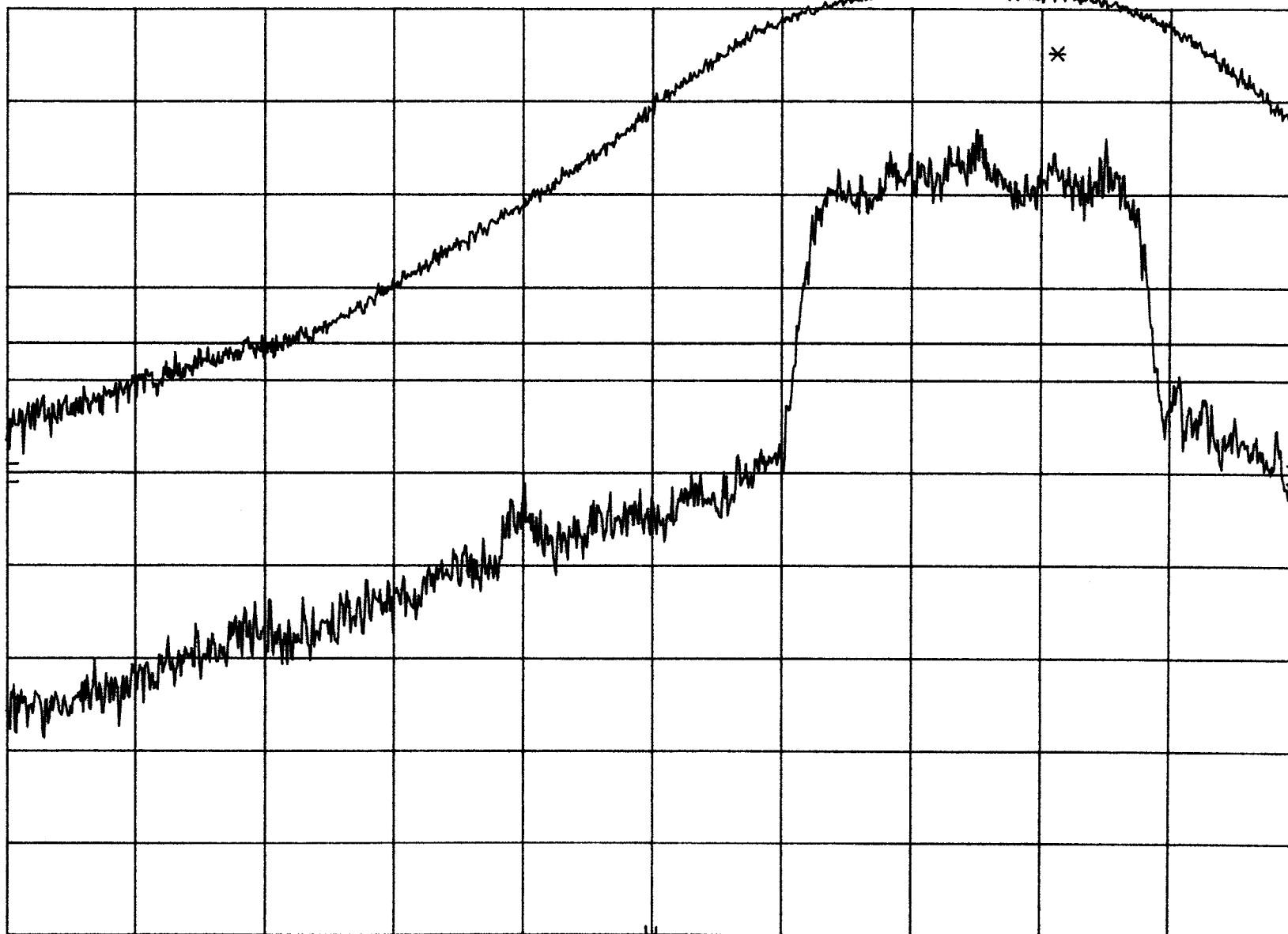
1.4

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

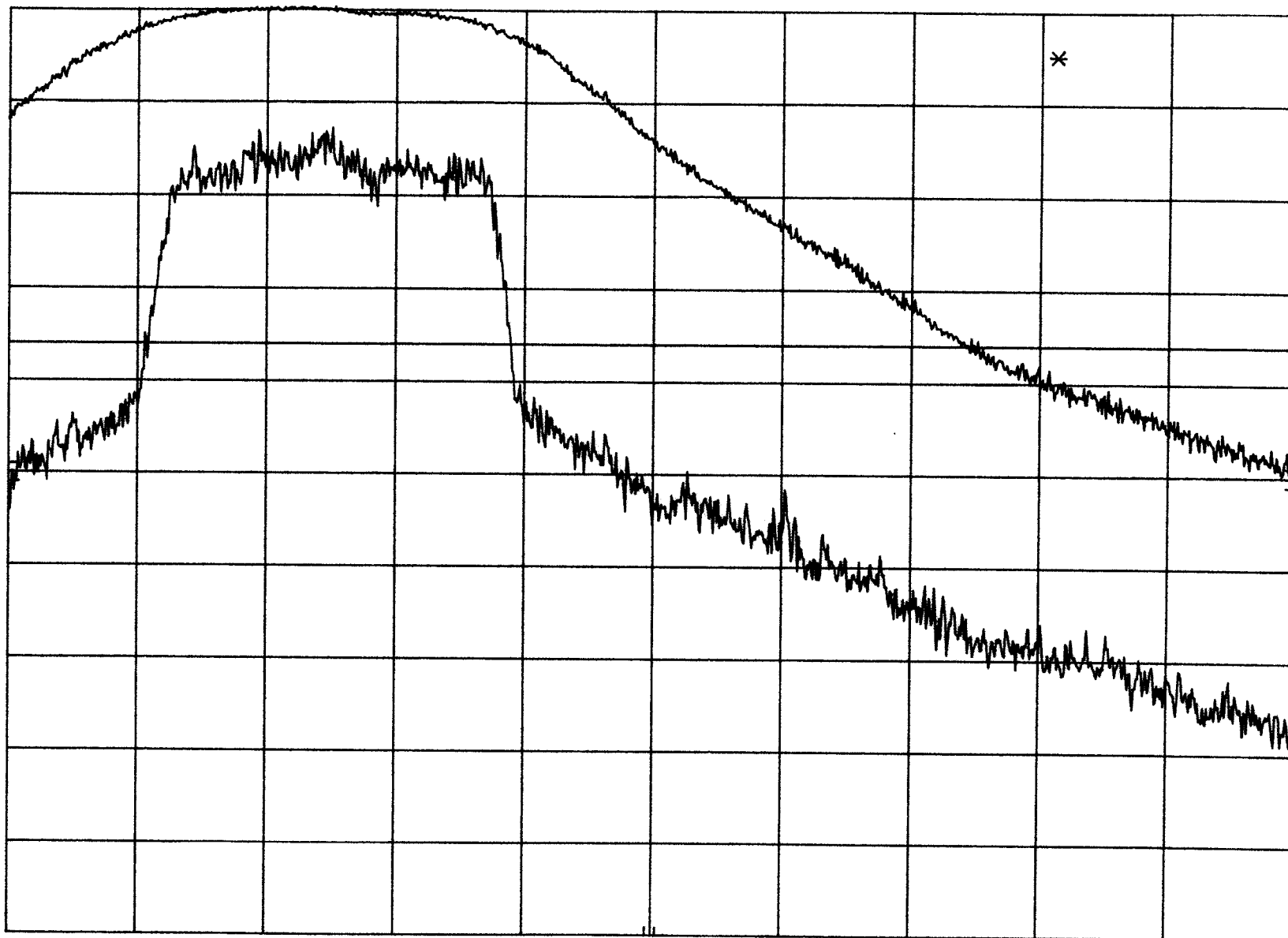
1.4

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 FCC ID: A3LSCH8500

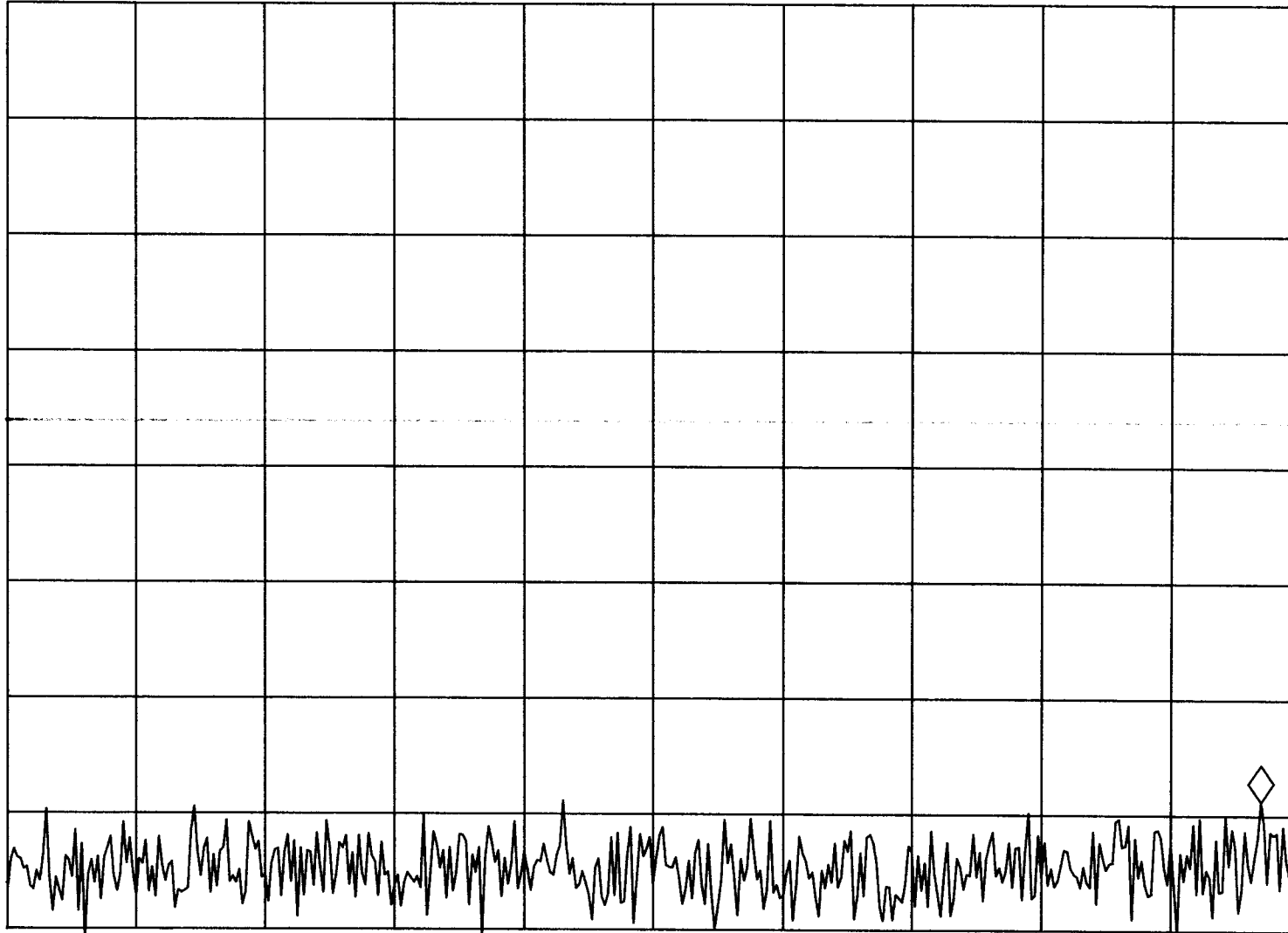
MKR 893.25 MHz

REF -62.0 dBm ATTEN 10 dB PG 25.0 dB

-96.39 dBm

PEAK
LOG
5
dB/
OFFST
6.0
dB
DL
-80.0
dBm

VA SB
SC FC
CORR



START 869.00 MHz

STOP 894.00 MHz

#RES BW 100 kHz

#VBW 300 kHz

#SWP 20 msec

PCS Mode Ch.0025

MKR 1.847 489 GHz

hp

REF 23.0 dBm ATTEN 40 dB + 20 dB

-18.70 dBm

10 dB/

POS PK

OFFSET

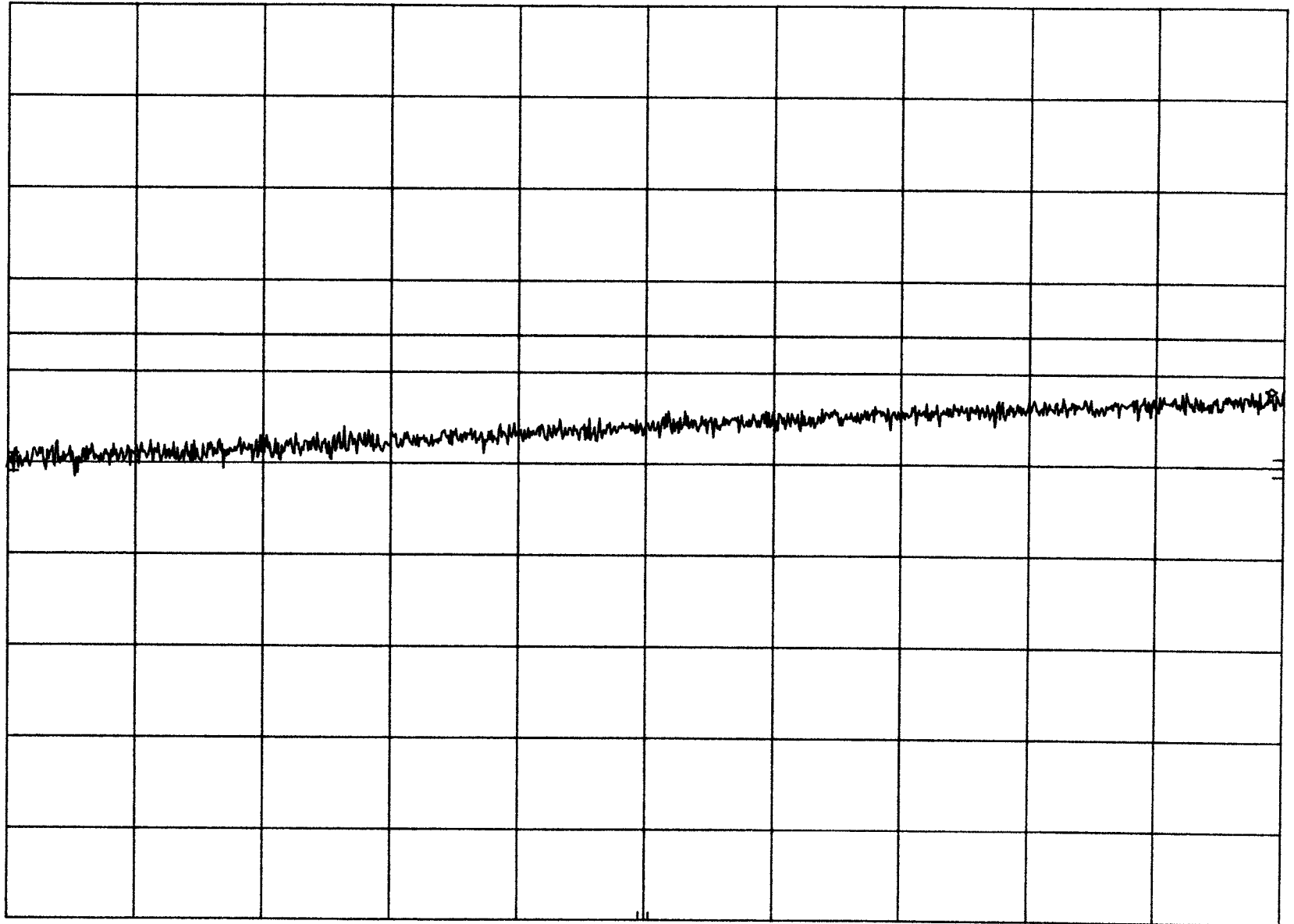
1.4

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

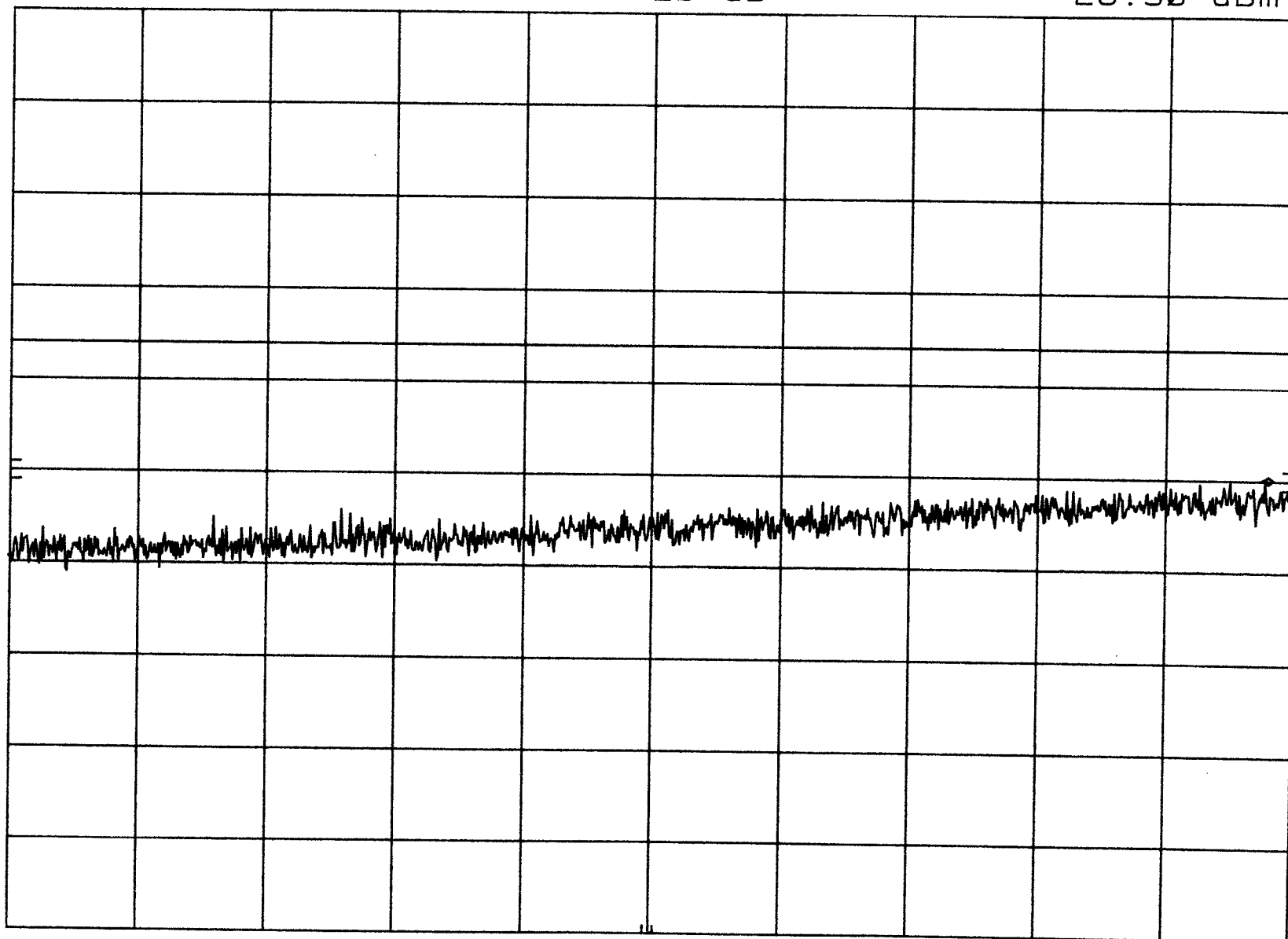
hp PCS Mode Ch.0025 MKR 1.846 479 GHz
REF 23.0 dBm ATTEN 40 dB + 20 dB -26.90 dBm

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

PCS Mode Ch.0025

MKR 1.845 480 GHz

hp

REF 23.0 dBm ATTEN 40 dB + 20 dB

-33.20 dBm

10 dB/

POS PK

OFFSET

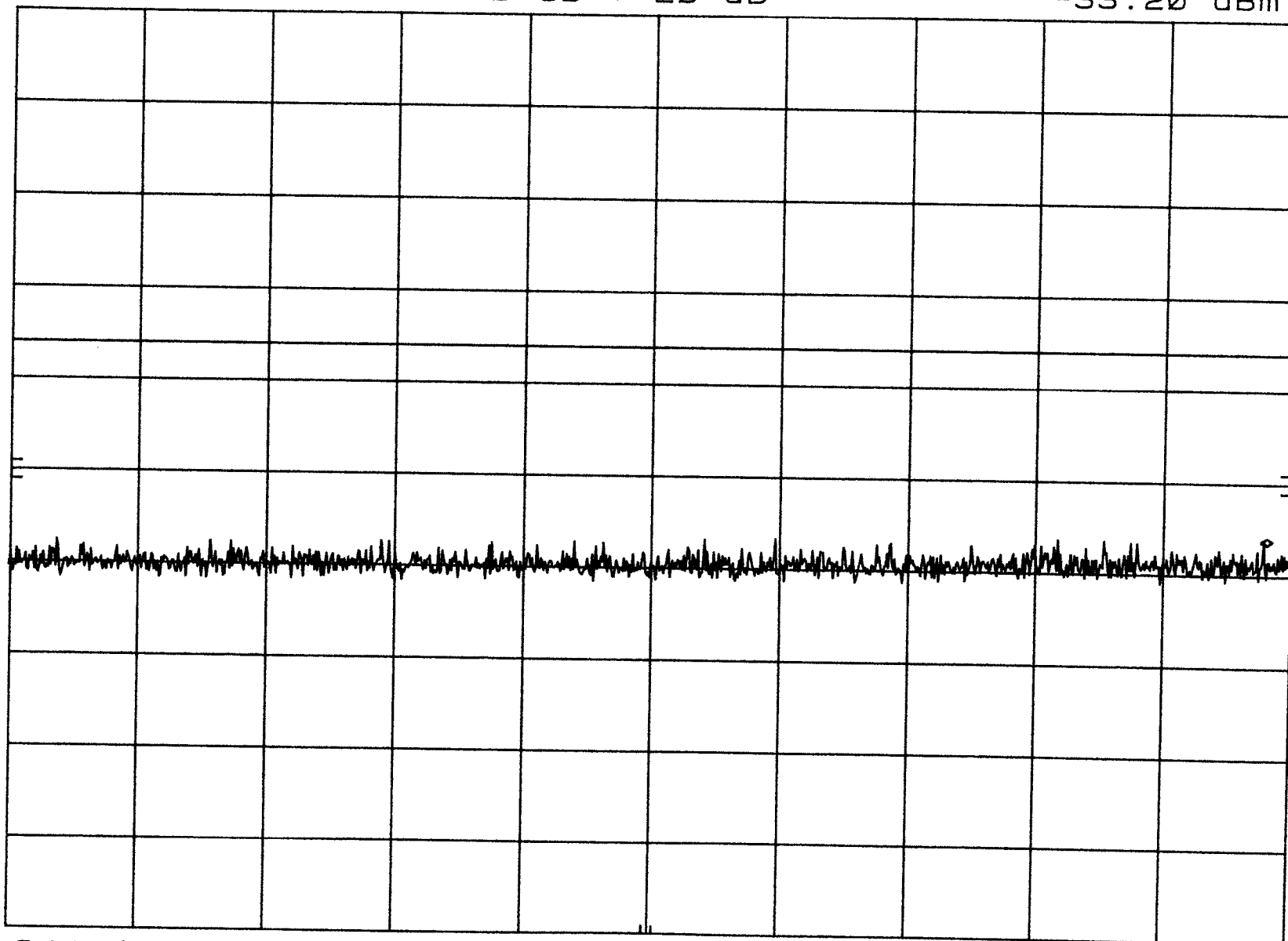
1.4

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

10 dB/

POS PK

OFFSET

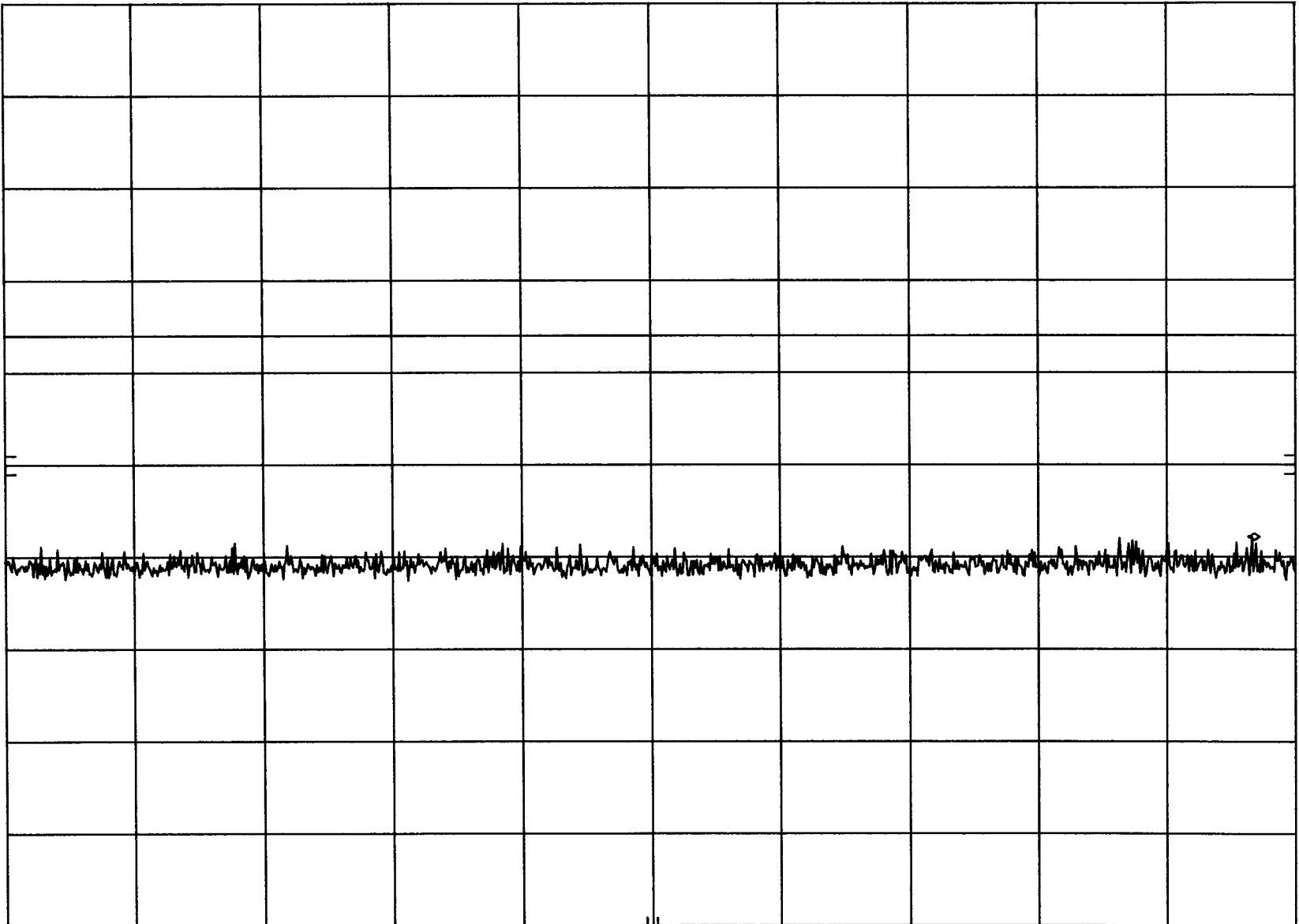
1.4

dB

DL

-13.0

dBm



START 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
-24.00 dBm

hp

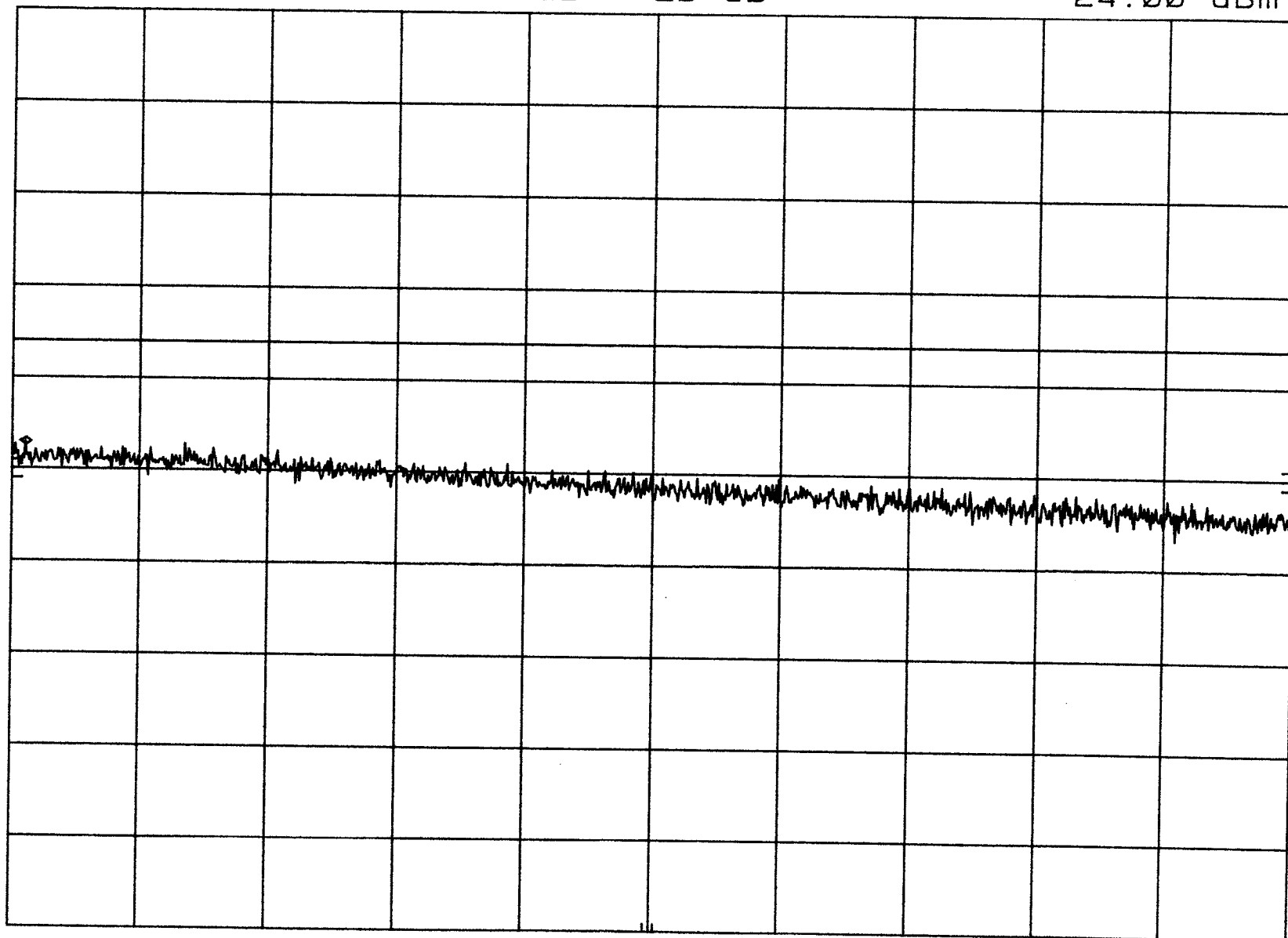
REF 23.0 dBm ATTEN 40 dB + 20 dB

10 dB/

POS PK

OFFSET
1.4
dB

DL
-13.0
dBm



START 1.912 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
-29.30 dBm

hp

REF 23.0 dBm ATTEN 40 dB + 20 dB

10 dB/

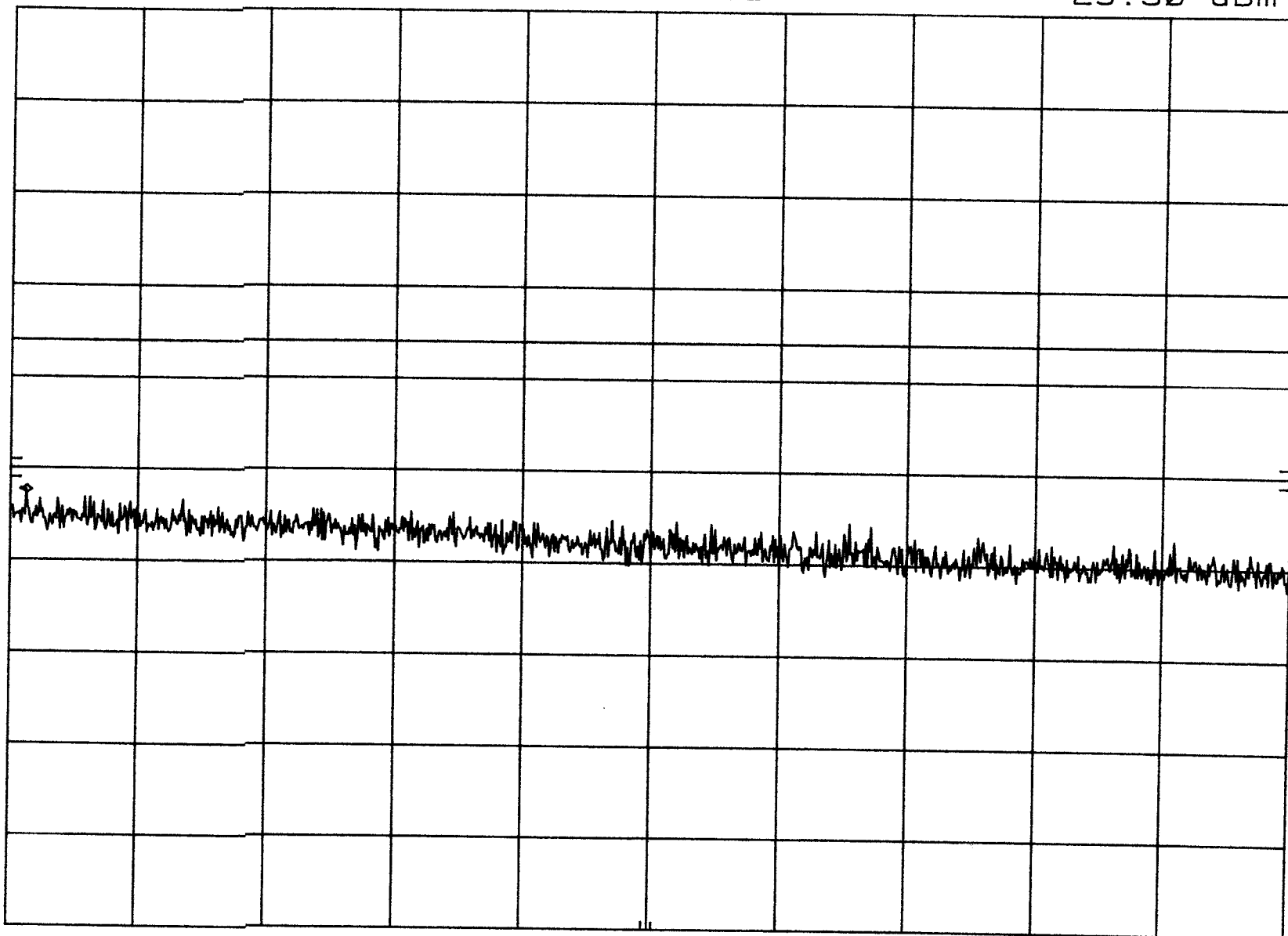
POS PK

OFFSET

1.4
dB

DL

-13.0
dBm



START 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

hp

REF 23.0 dBm ATTEN 40 dB + 20 dB

-35.00 dBm

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

hp PCS Mode Ch. 1175 MKR 1.915 556 GHz
REF 23.0 dBm ATTEN 40 dB + 20 dB -36.80 dBm

10 dB/

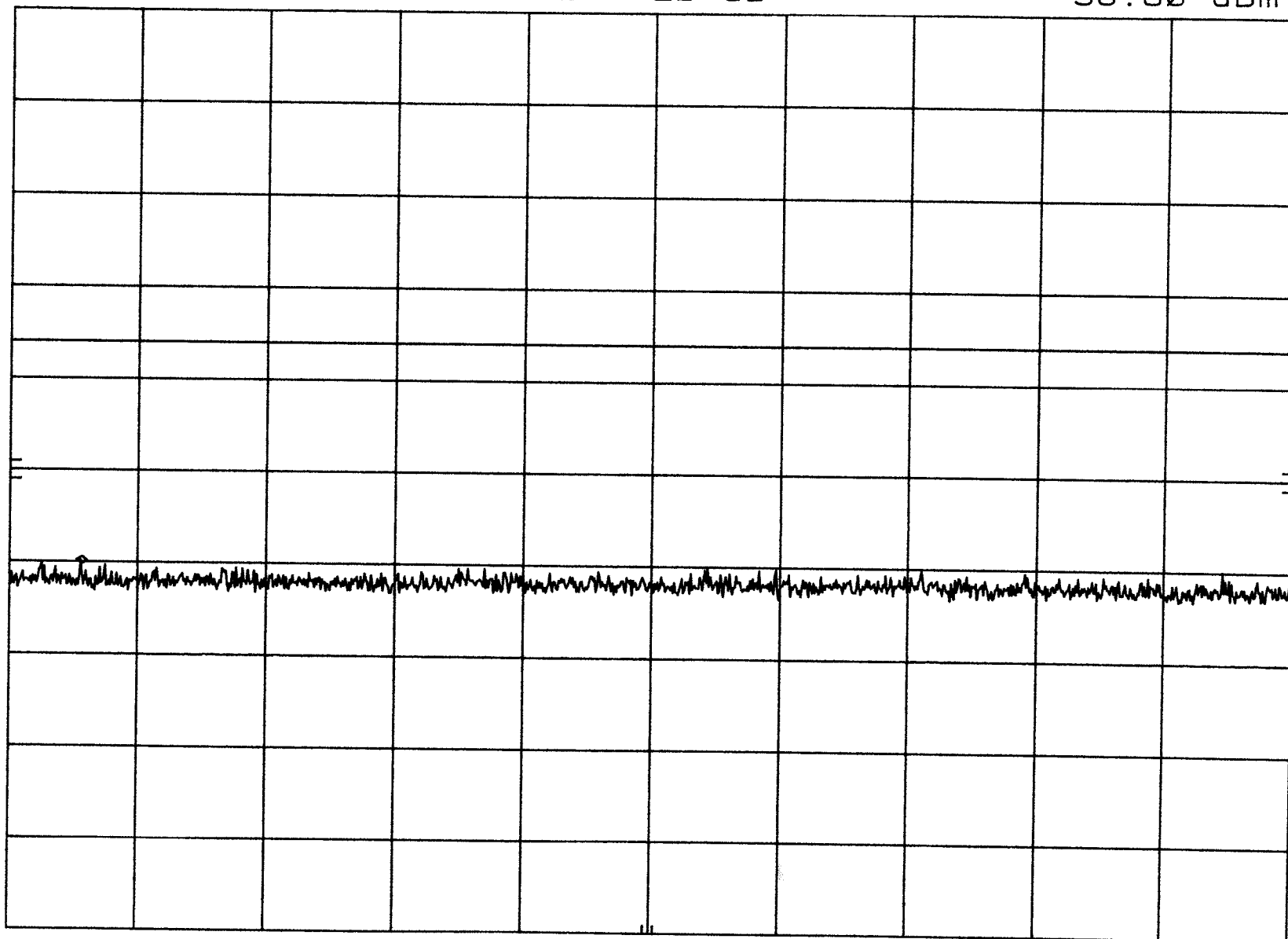
POS PK

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 ATTEN 40 dB + 20 dB

10 dB/

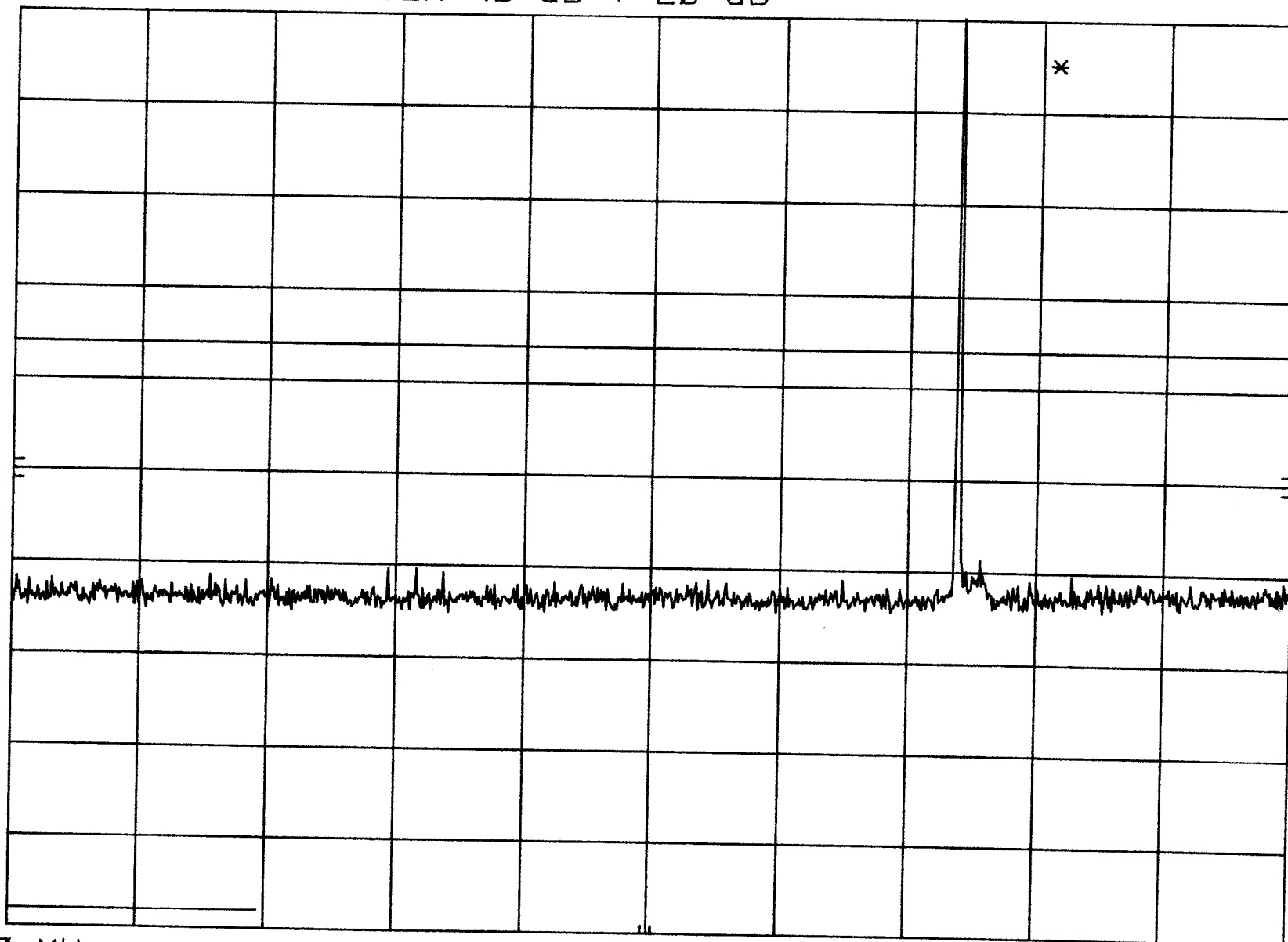
POS PK

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

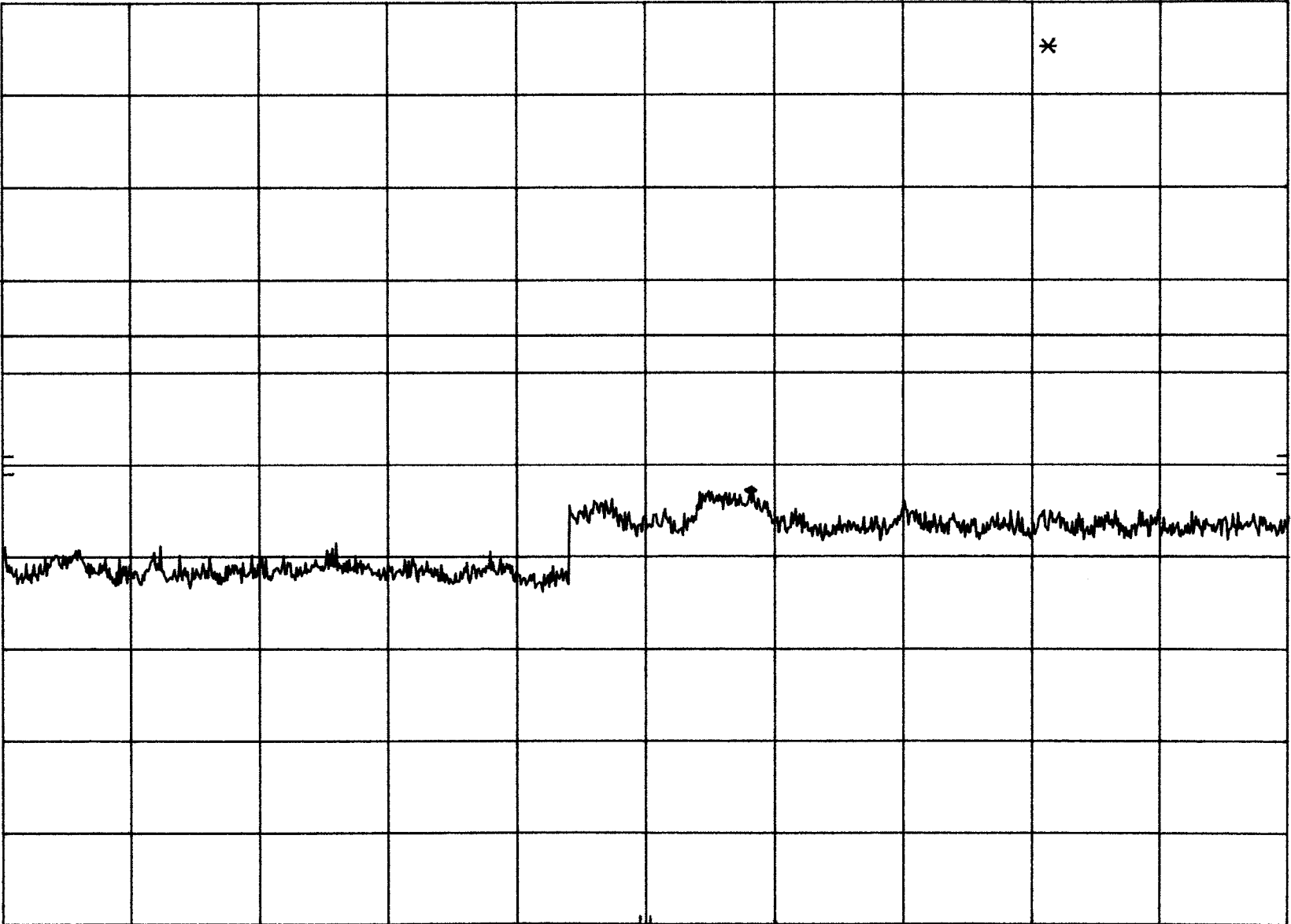
hp PCS Mode Ch.0025 MKR 6.858 GHz
REF 23.0 dBm ATTEN 40 dB + 20 dB -29.80 dBm

10 dB/

POS PK

OFFSET
1.4
dB

DL
-13.0
dBm



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

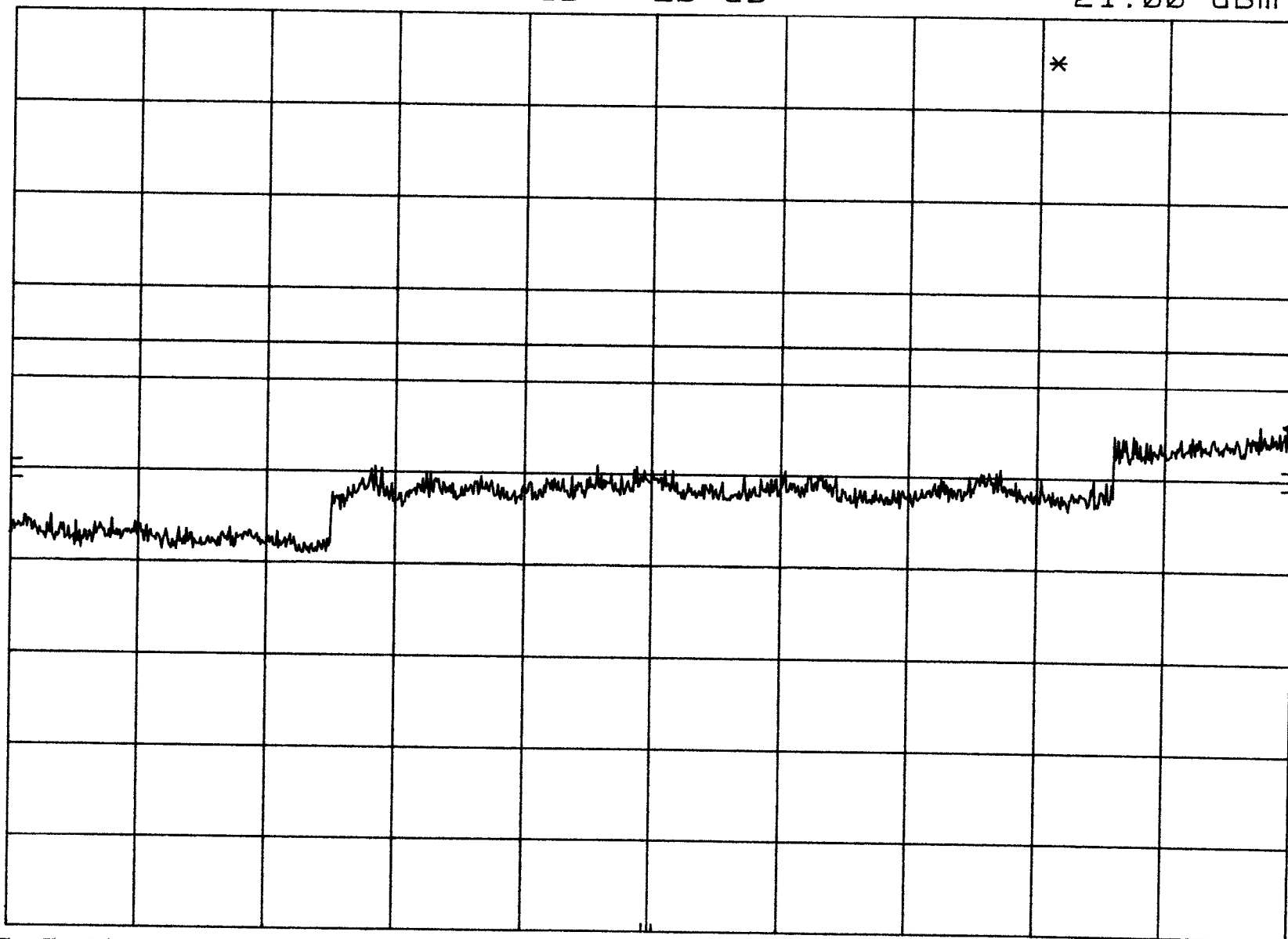
PCS Mode Ch.0025
hp REF 23.0 dBm ATTEN 40 dB + 20 dB MKR 19.96 GHz
-21.00 dBm

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

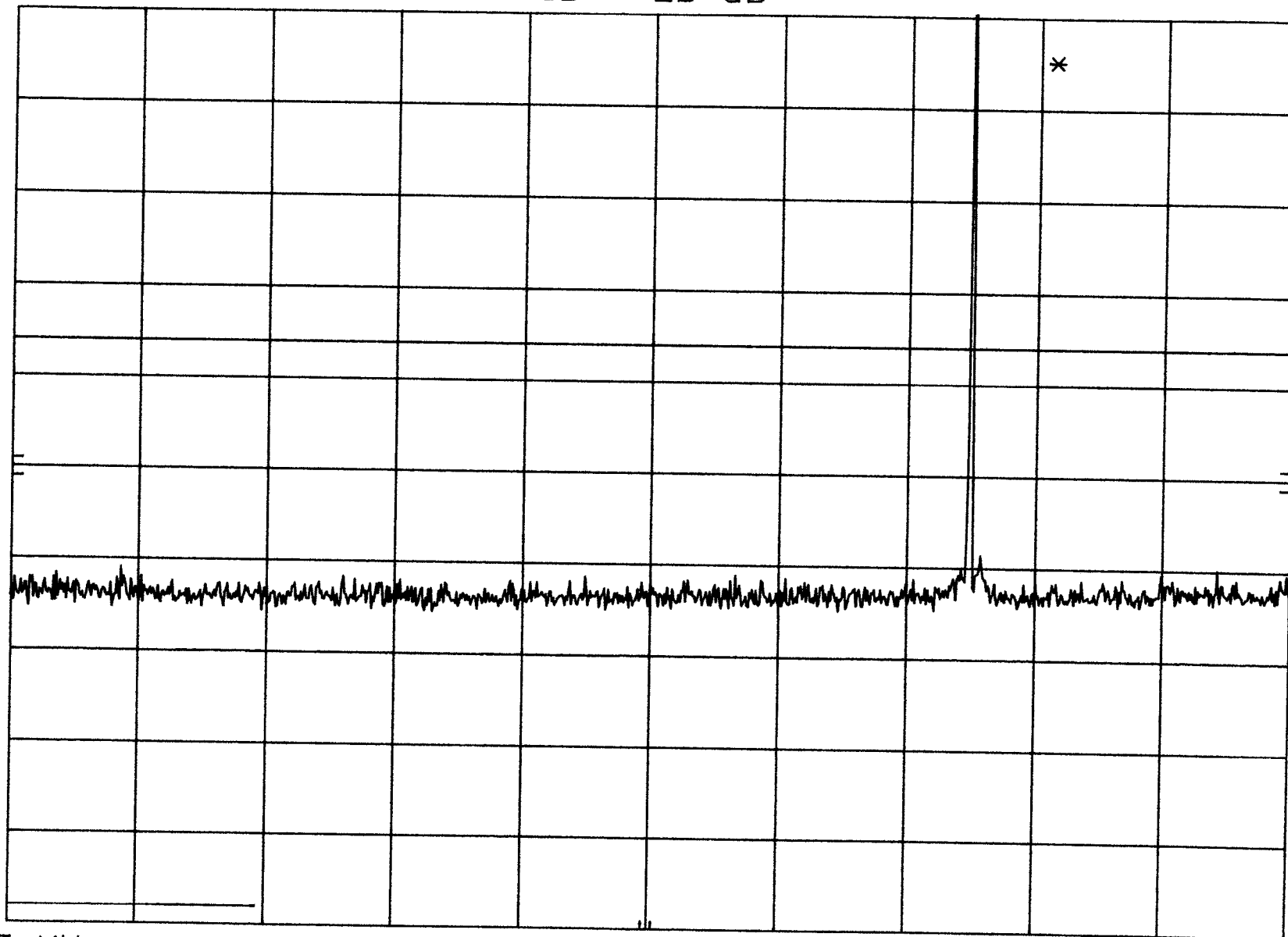
1.4

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 2.50 GHz

SWP 62.3 msec

PCS Mode Ch. 0600

MKR 6.603 GHz

hp

REF 23.0 dBm ATTEN 40 dB + 20 dB

-29.10 dBm

10 dB/

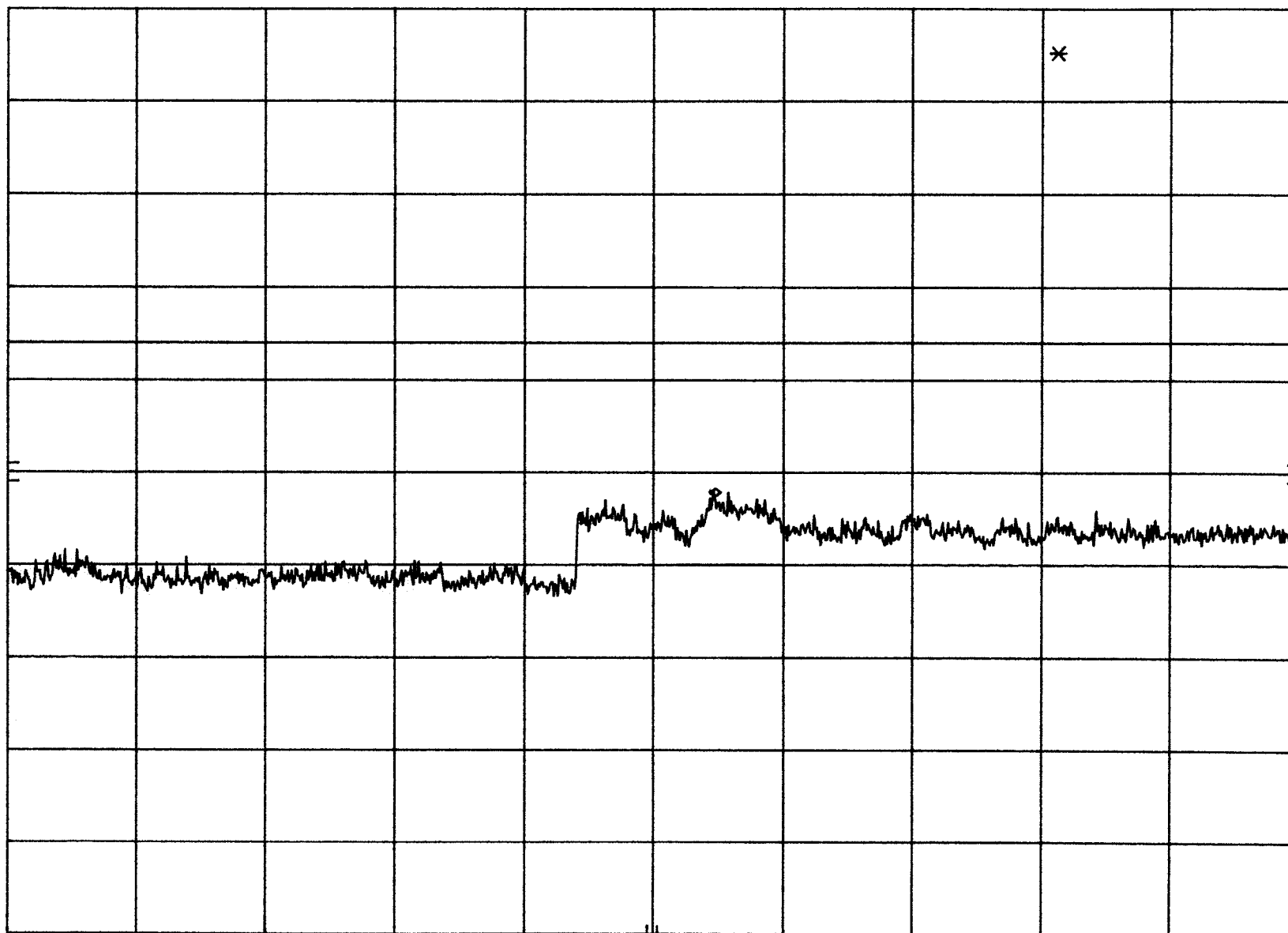
POS PK

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

MKR 19.23 GHz

hp

REF 23.0 dBm ATTN 40 dB + 20 dB

-21.90 dBm

10 dB/

POS PK

OFFSET

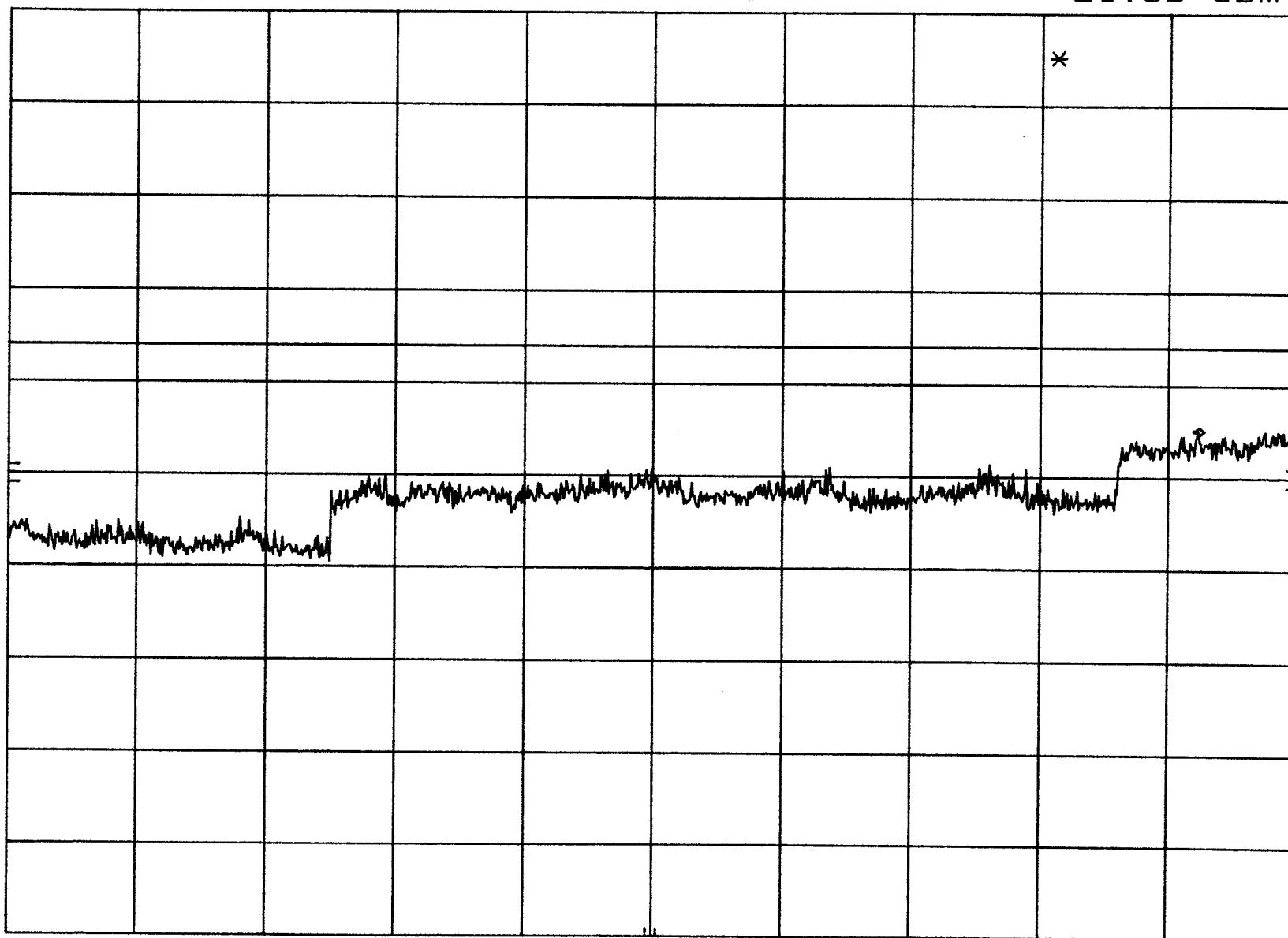
1.4

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.1175

hp REF 23.0 dBm ATTEN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

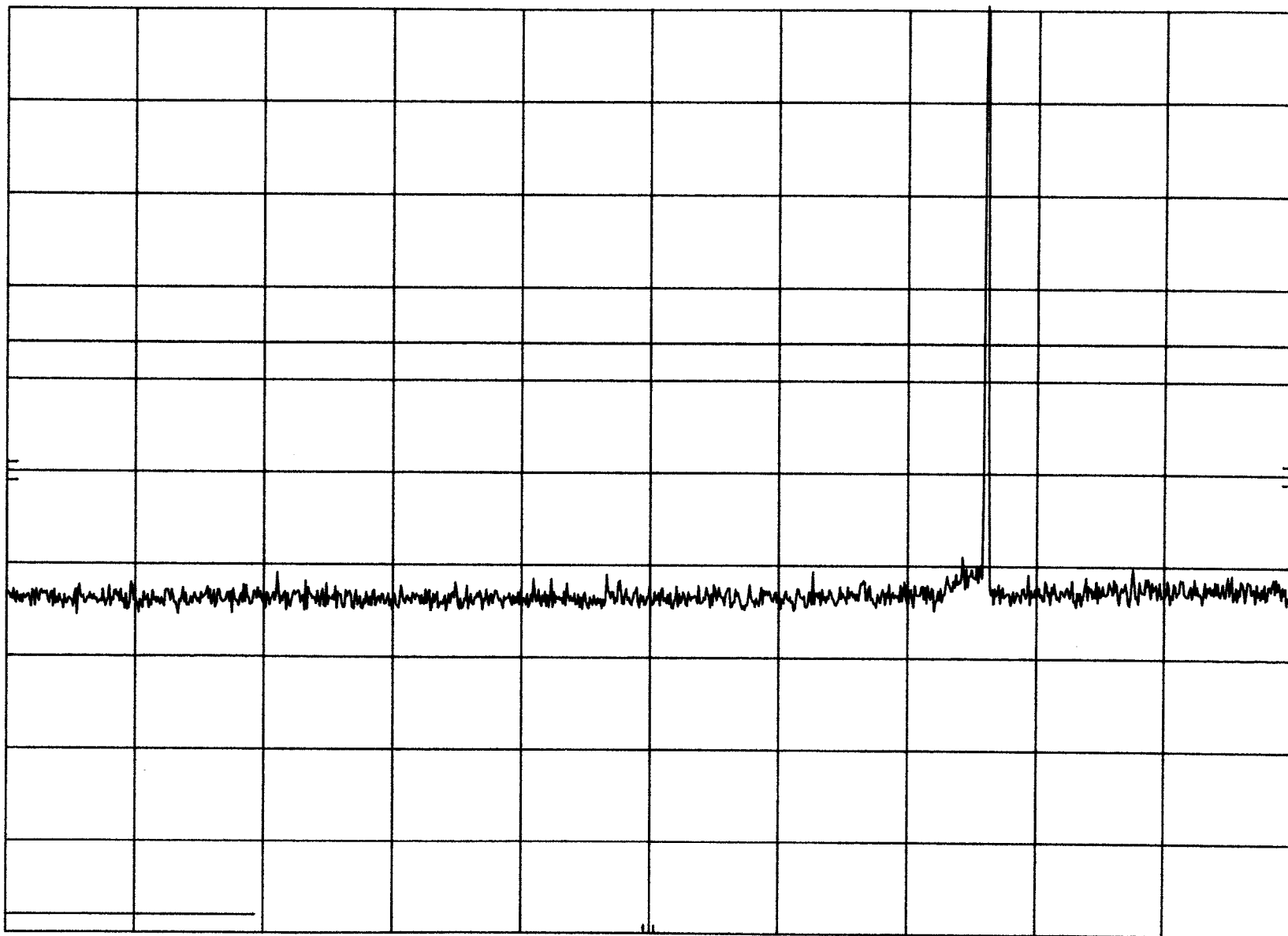
1.4

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

hp REF 23.0 dBm ATTEN 40 dB + 20 dB

-29.20 dBm

10 dB/

POS PK

OFFSET

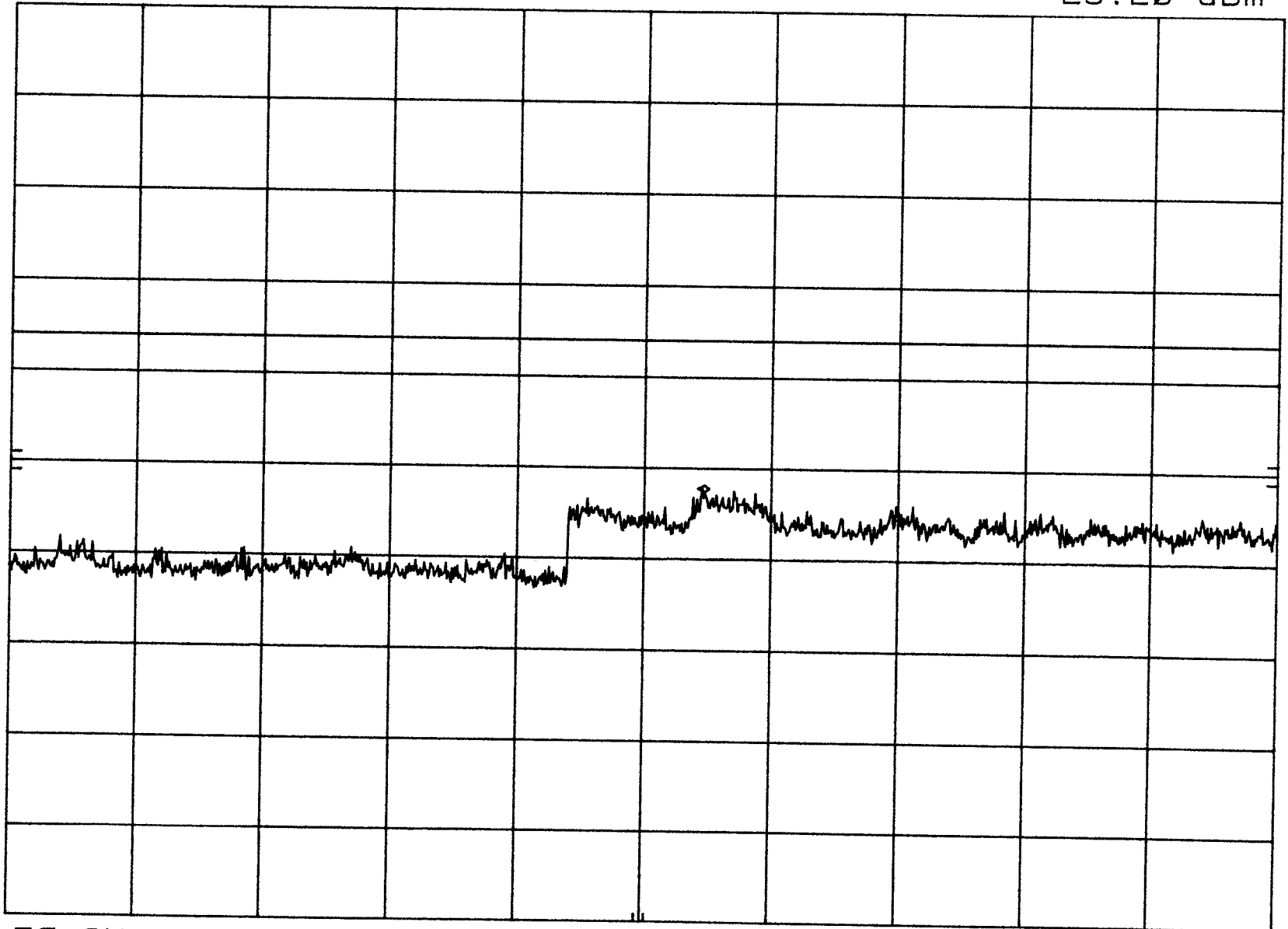
1.4

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz
SWP 188 msec

PCS Mode Ch. 1175

REF 23.0 dBm ATTEN 40 dB + 20 dB

MKR 19.31 GHz

-21.30 dBm

hp

10 dB/

POS PK

OFFSET

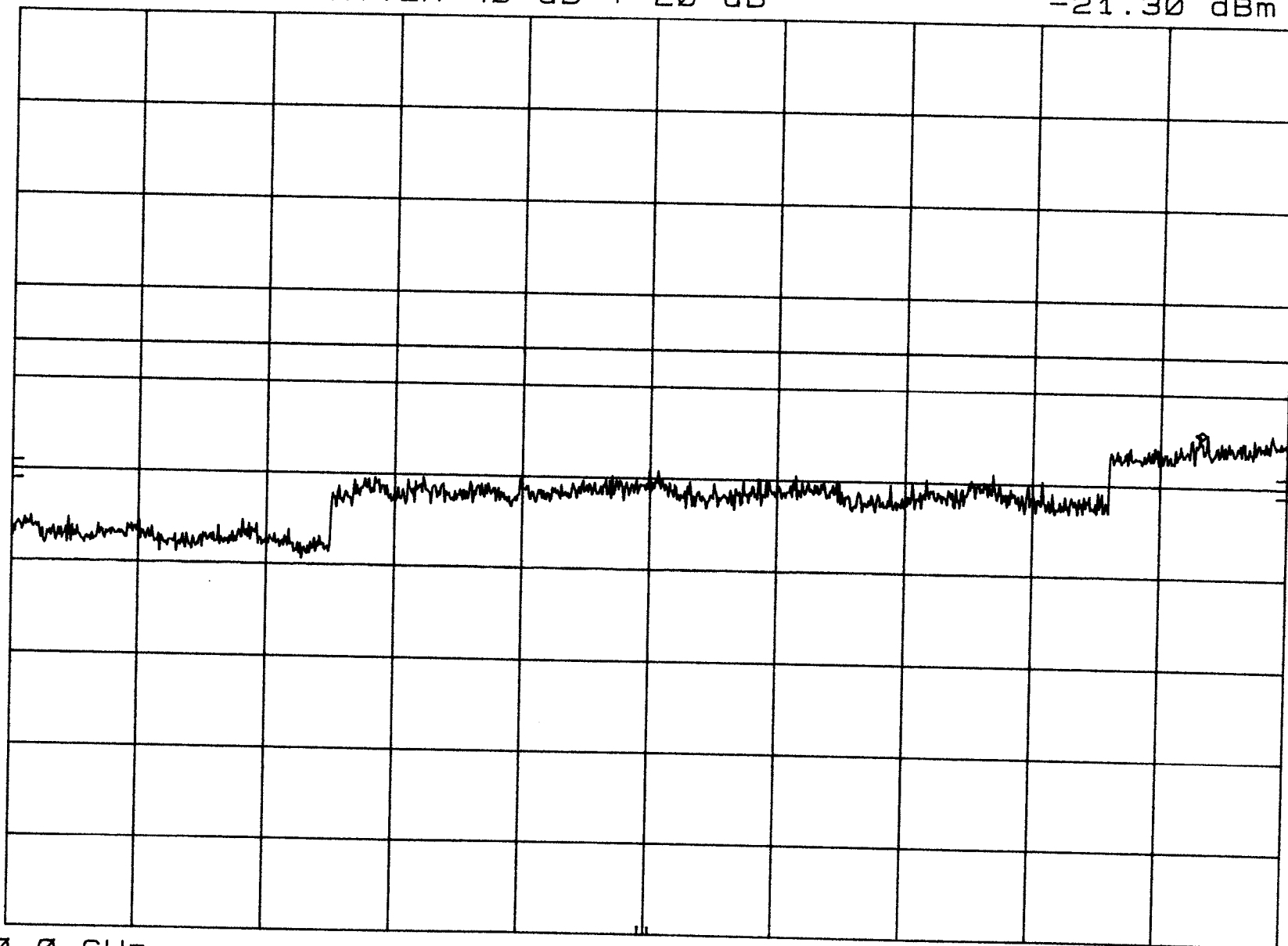
1.4

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 ATTN 40 dB + 20 dB

-21.00 dBm

10 dB/

POS PK

OFFSET

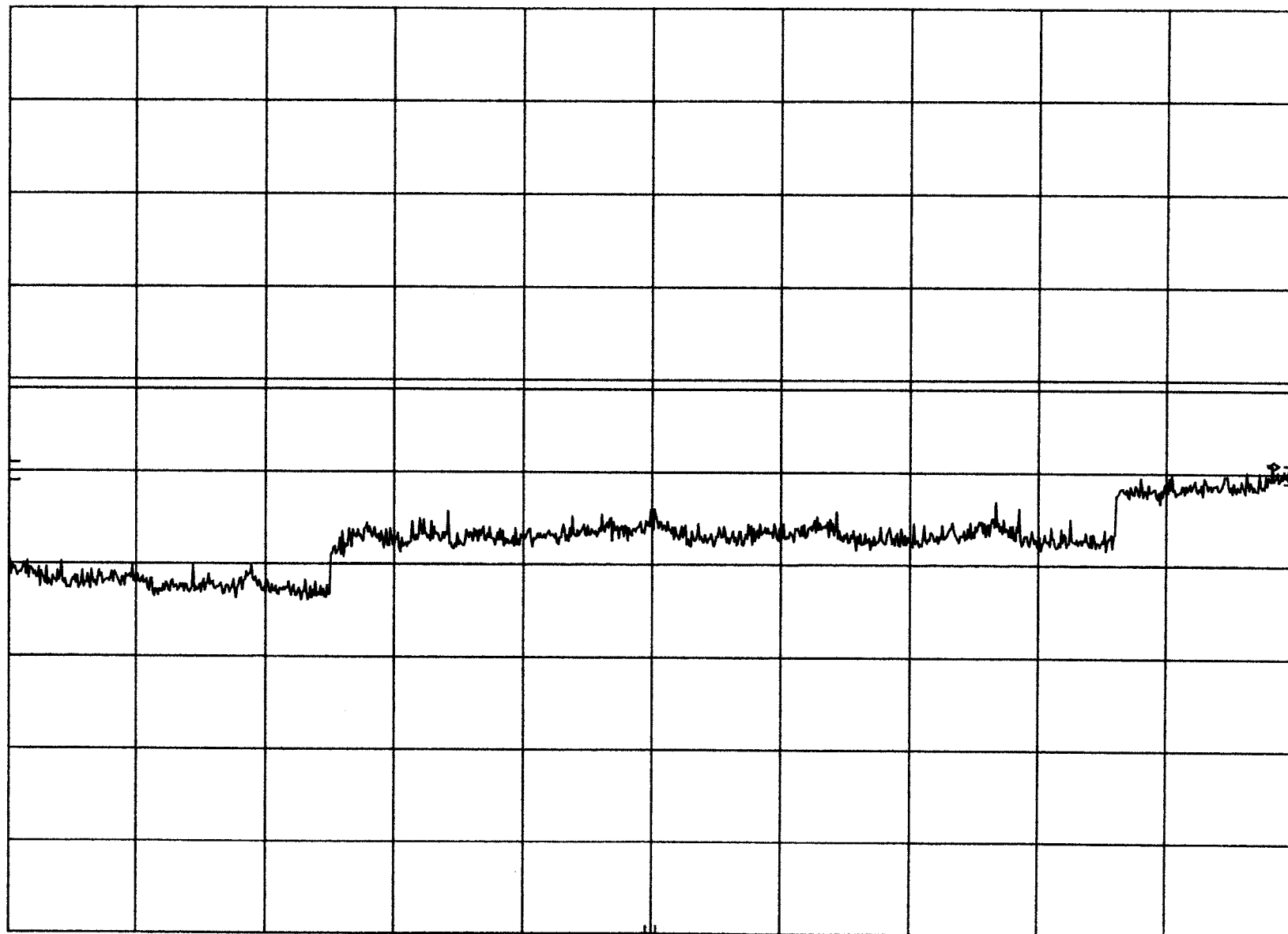
1.4

dB

DL

-13.0

dBm



START 10.0 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 20.0 GHz

SWP 250 msec

FM Mode Ch.799

MKR 6.580 GHz

hp

REF 28.0 dBm

ATTEN 40 dB + 20 dB

-29.20 dBm

10 dB/

POS PK

OFFSET

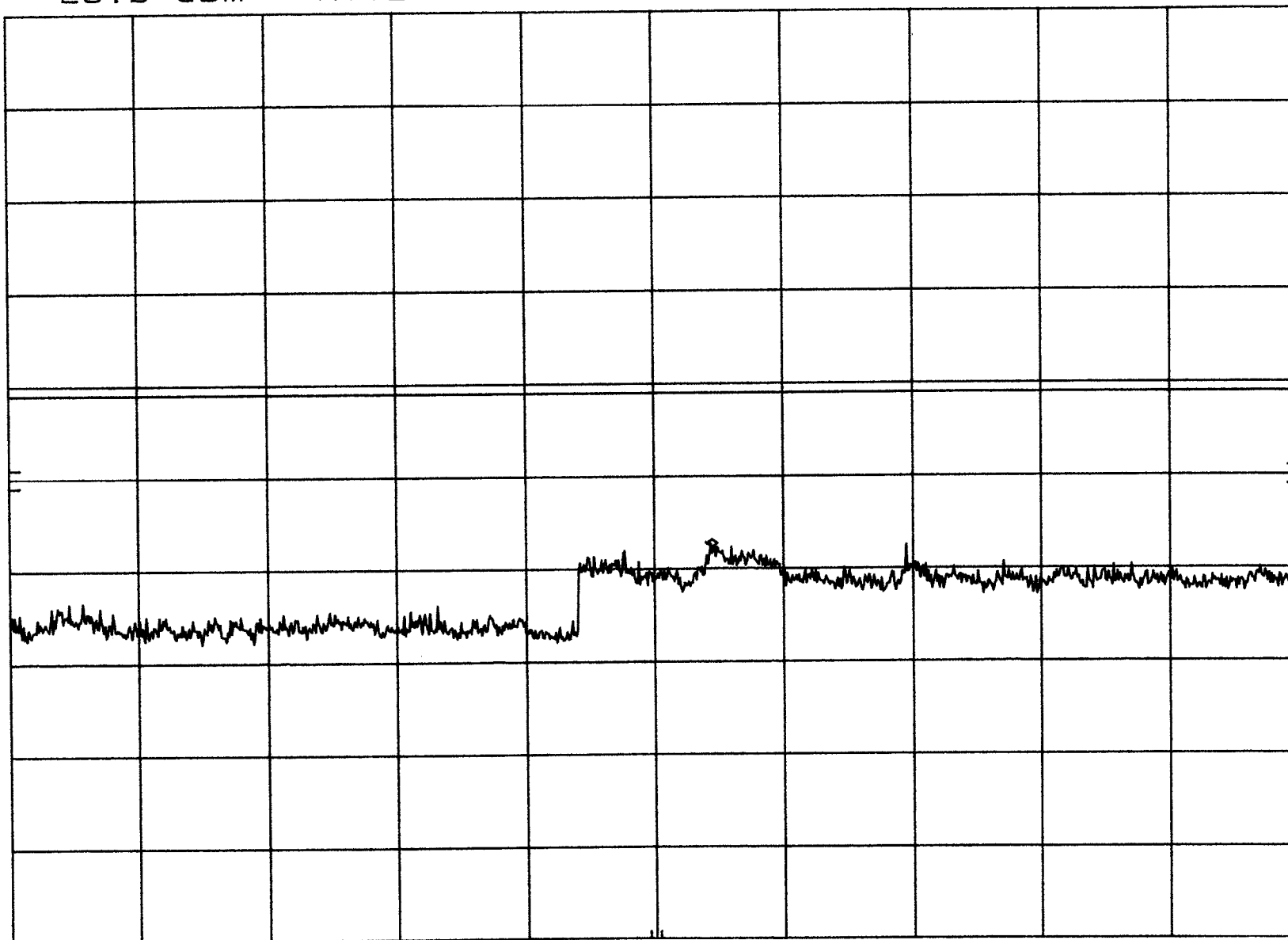
1.4

dB

DL

-13.0

dBm



START 2.50 GHz

STOP 10.00 GHz

RES BW 1 MHz (i)

VBW 1 MHz

SWP 188 msec

FM Mode Ch.799

MKR 1.696 GHz

hp

REF 28.0 dBm

ATTEN 40 dB + 20 dB

-33.30 dBm

10 dB/

POS PK

OFFSET

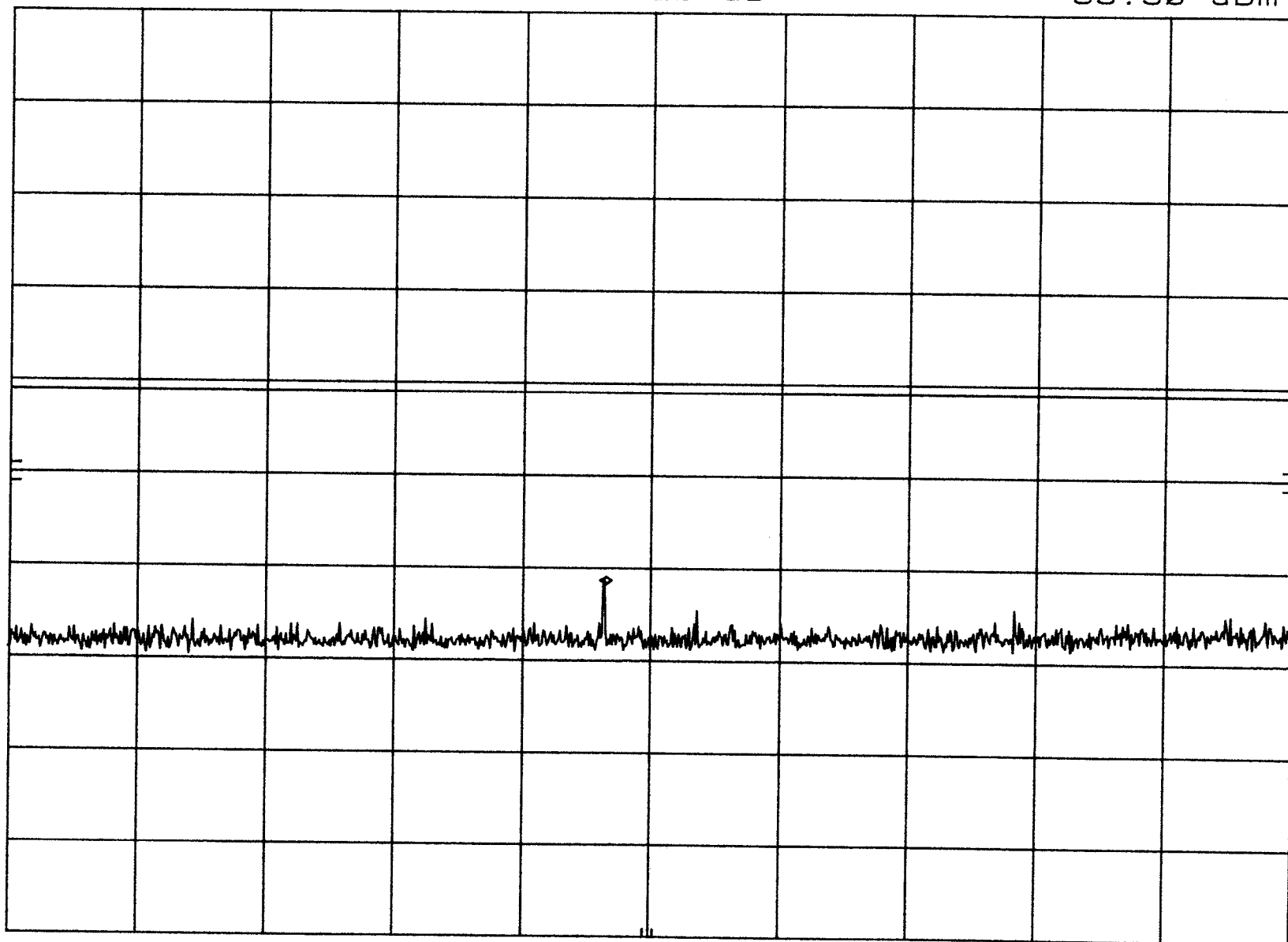
1.4

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

hp REF 28.0 dBm ATTEN 40 dB + 20 dB

10 dB/

POS PK

OFFSET

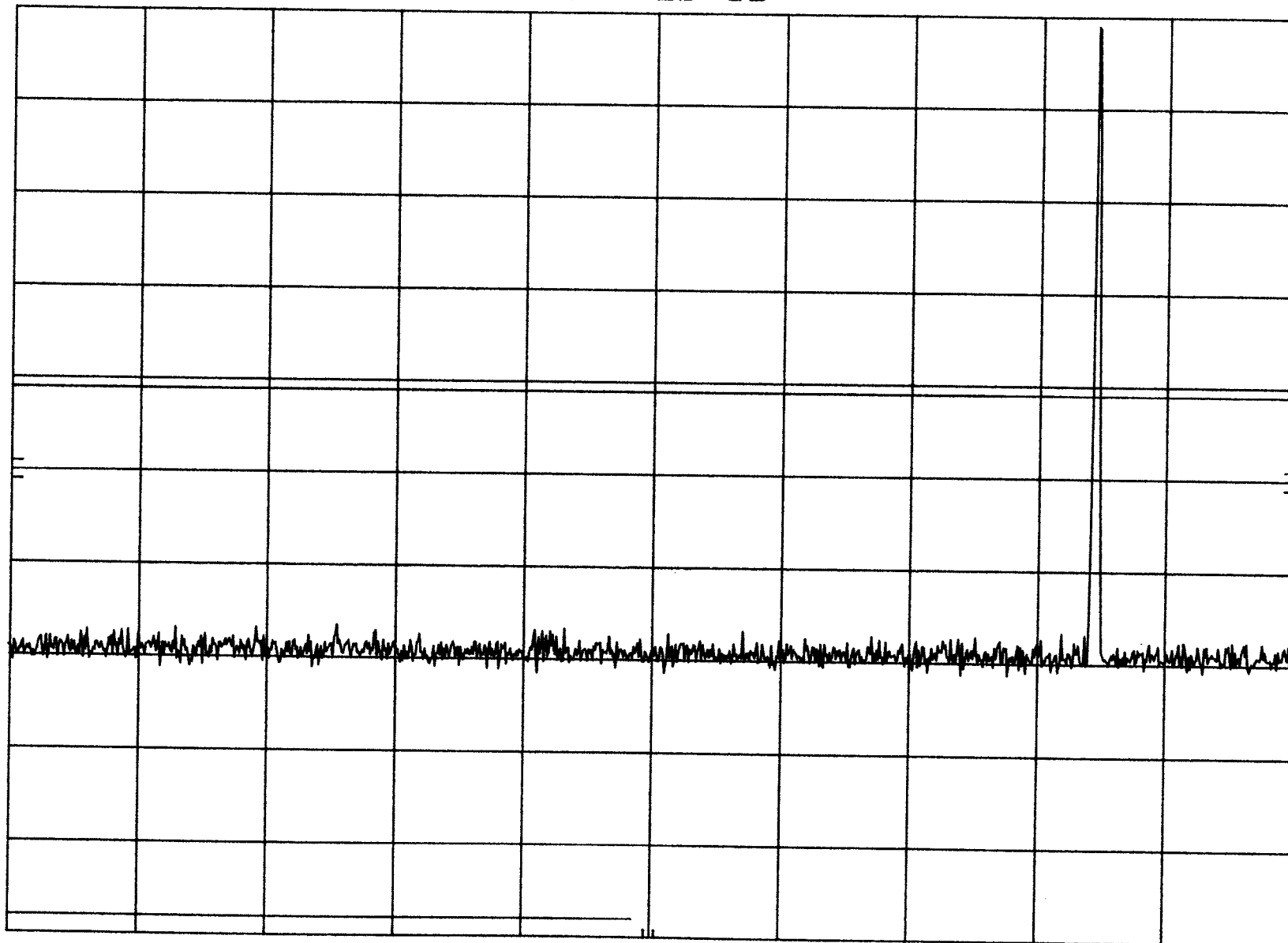
1.4

dB

DL

-13.0

dBm



START 10 MHz

RES BW 1 MHz (1)

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

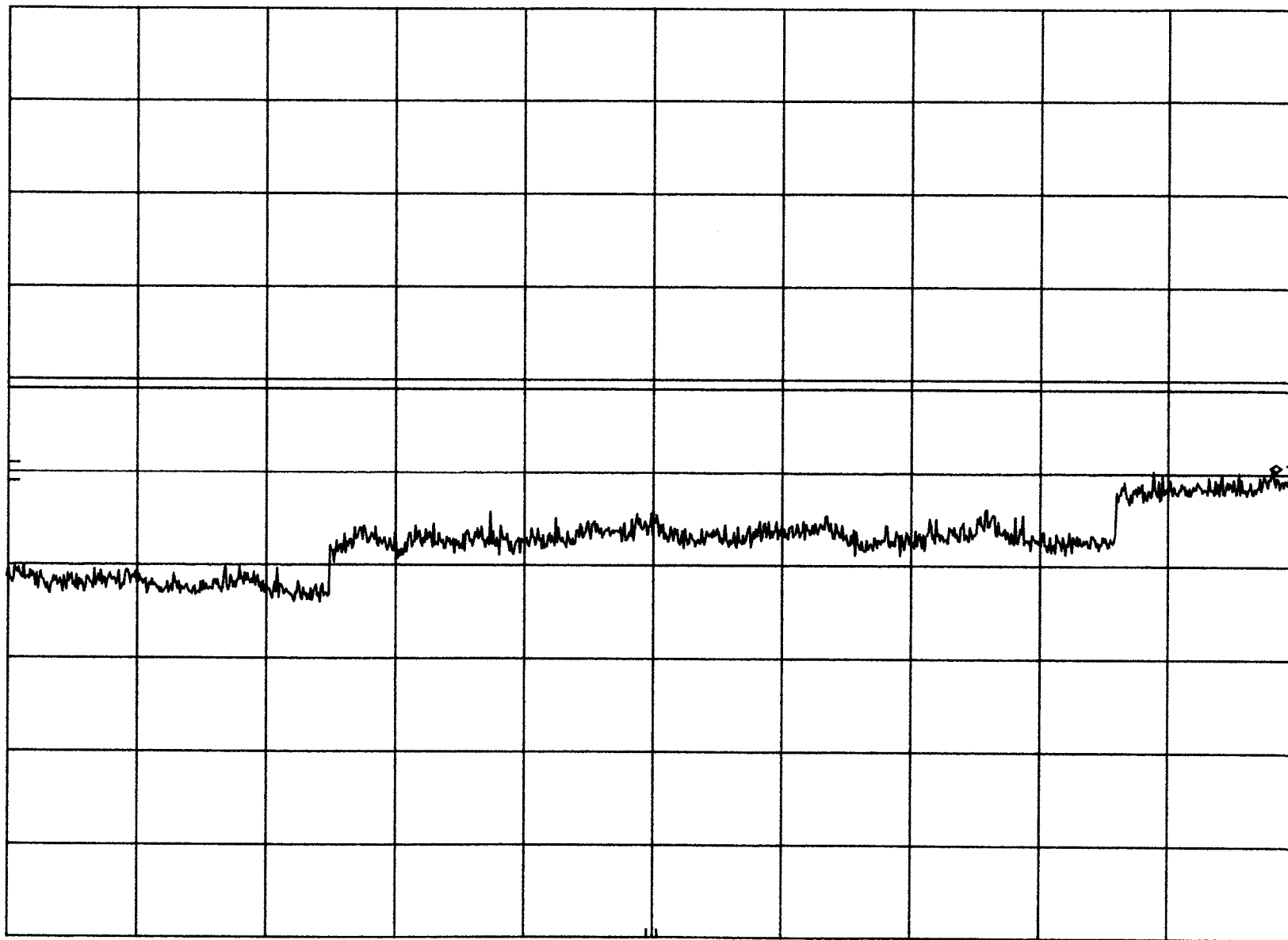
1.4

dB

DL

-13.0

dBm



START 10.0 GHz

RES BW 1 MHz (i)

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

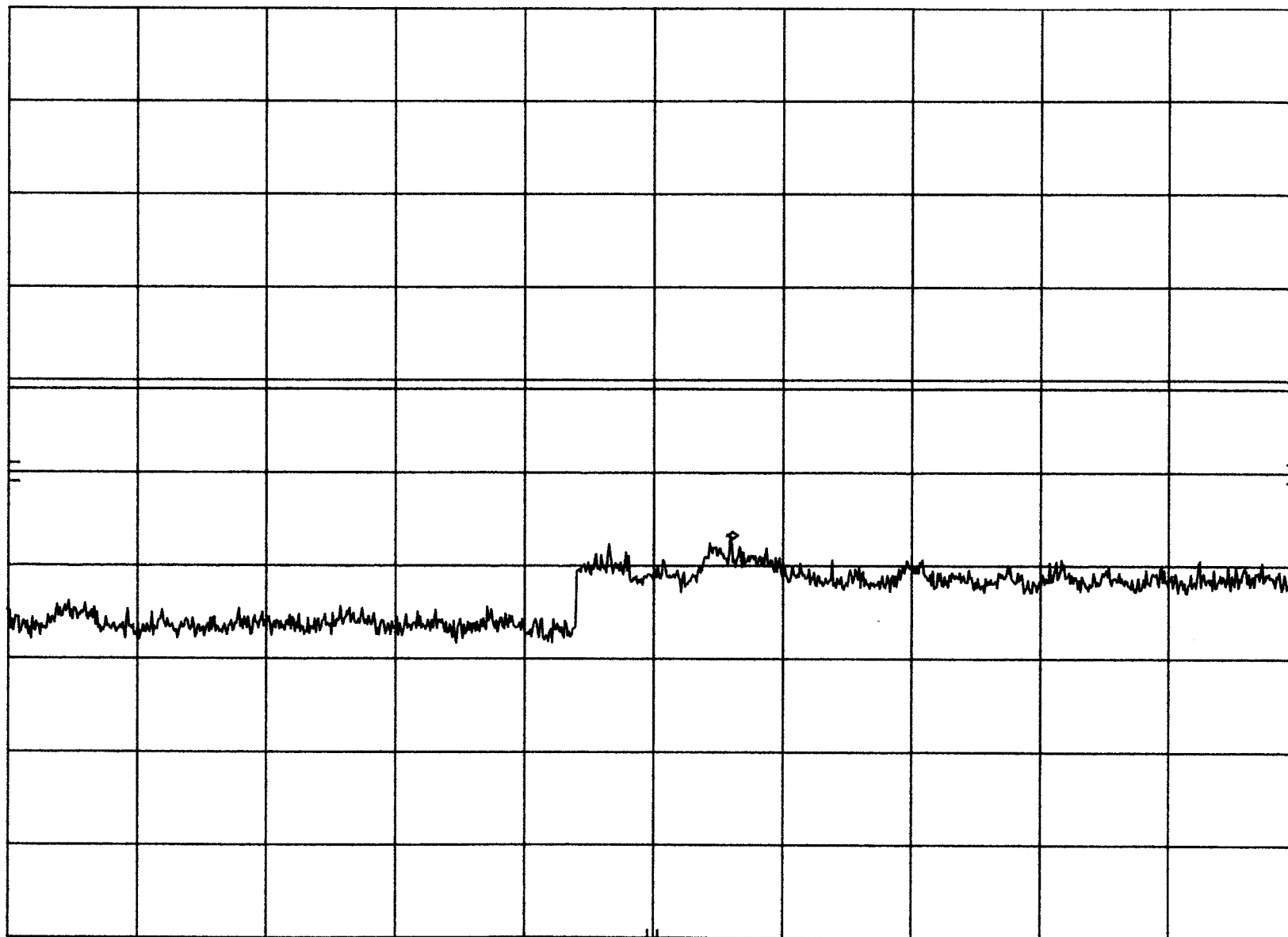
1.4

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

hp

REF 28.0 dBm ATTEN 40 dB + 20 dB

-31.50 dBm

10 dB/

POS PK

OFFSET

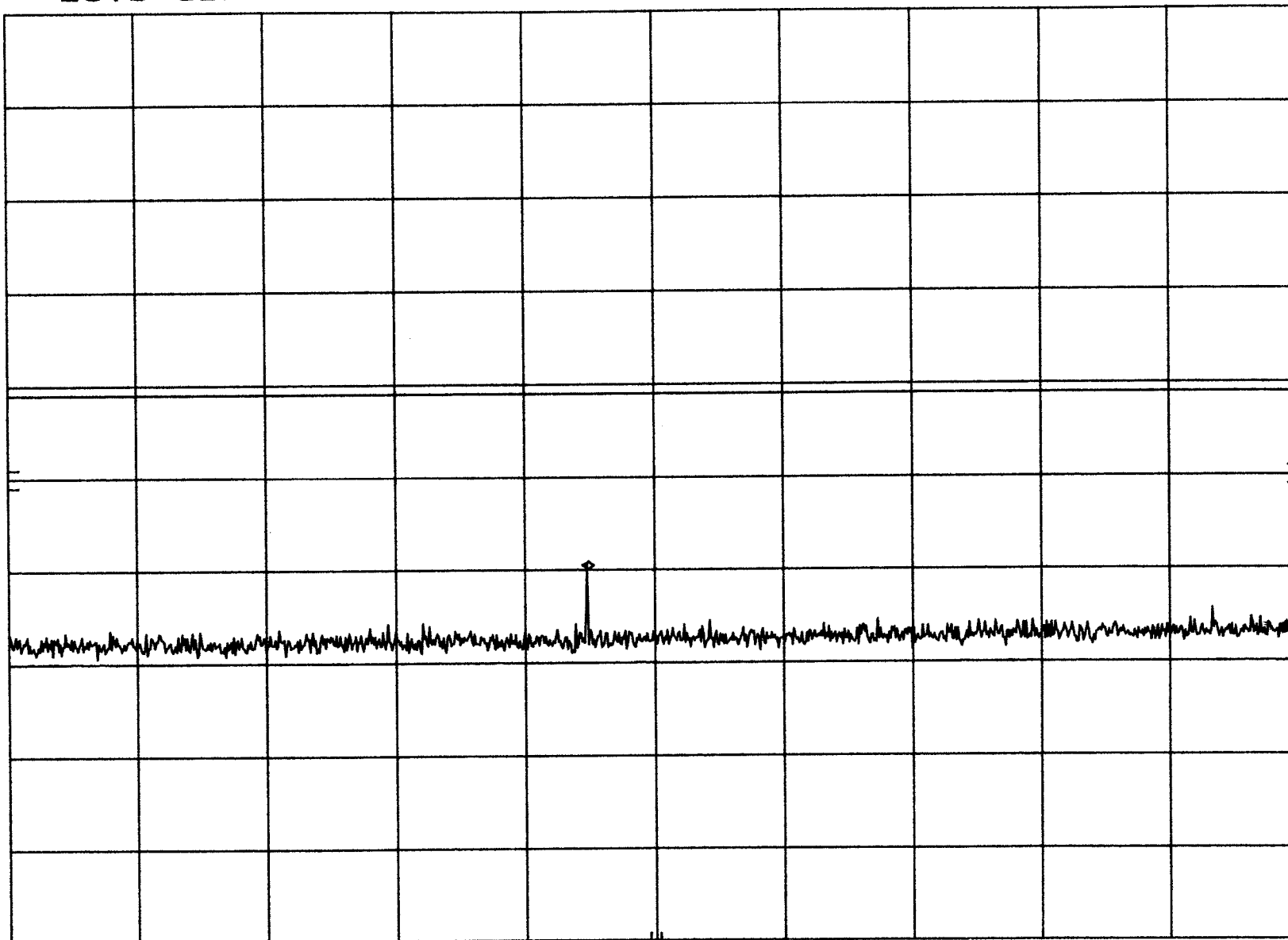
1.4

dB

DL

-13.0

dBm



START 1.00 GHz

STOP 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

SWP 37.5 msec

FM Mode Ch.383

hp REF 28.0 dBm ATTEN 40 dB + 20 dB

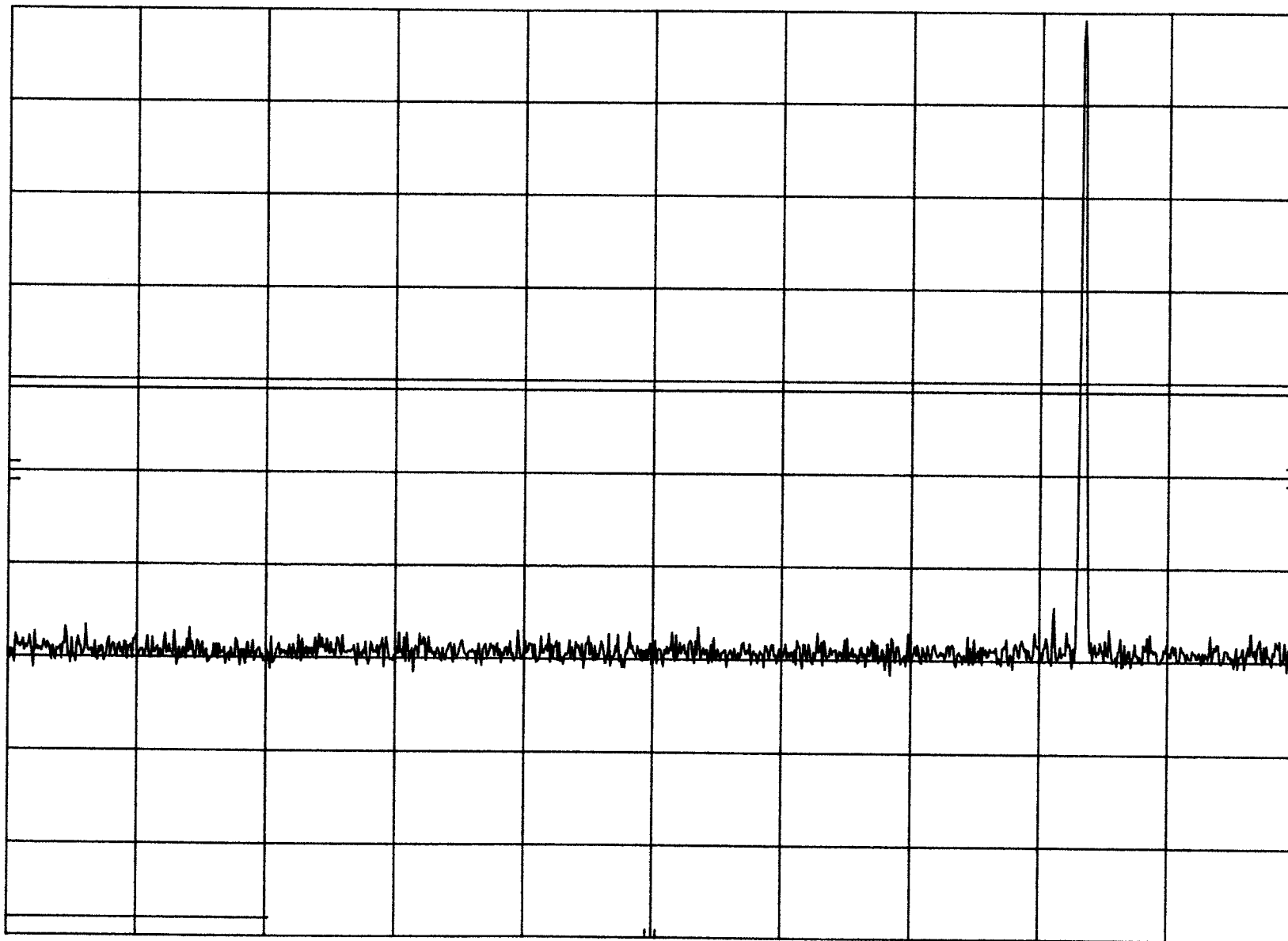
10 dB/

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

hp REF 28.0 dBm ATTN 40 dB + 20 dB

-19.90 dBm

10 dB/

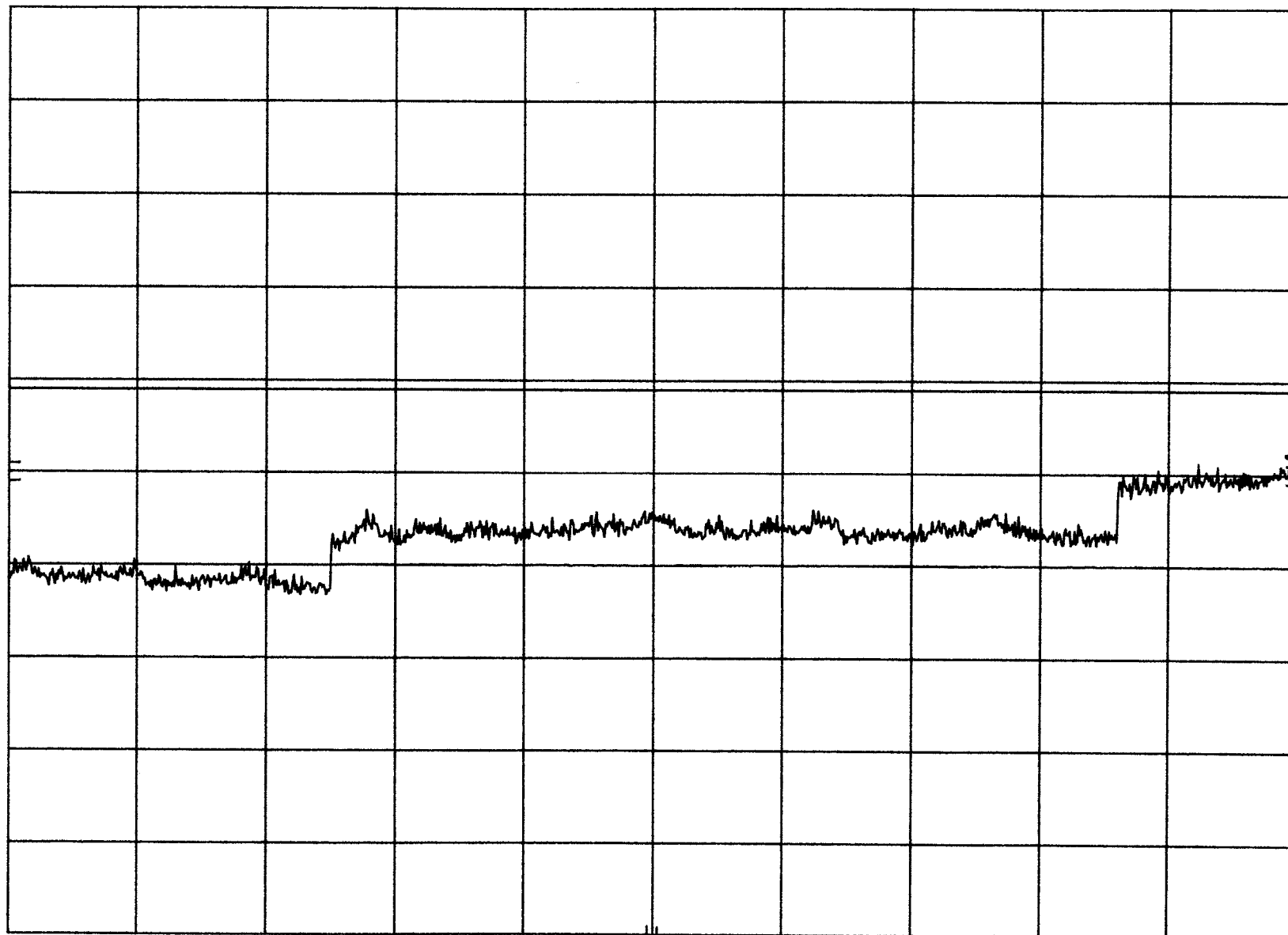
POS PK

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

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

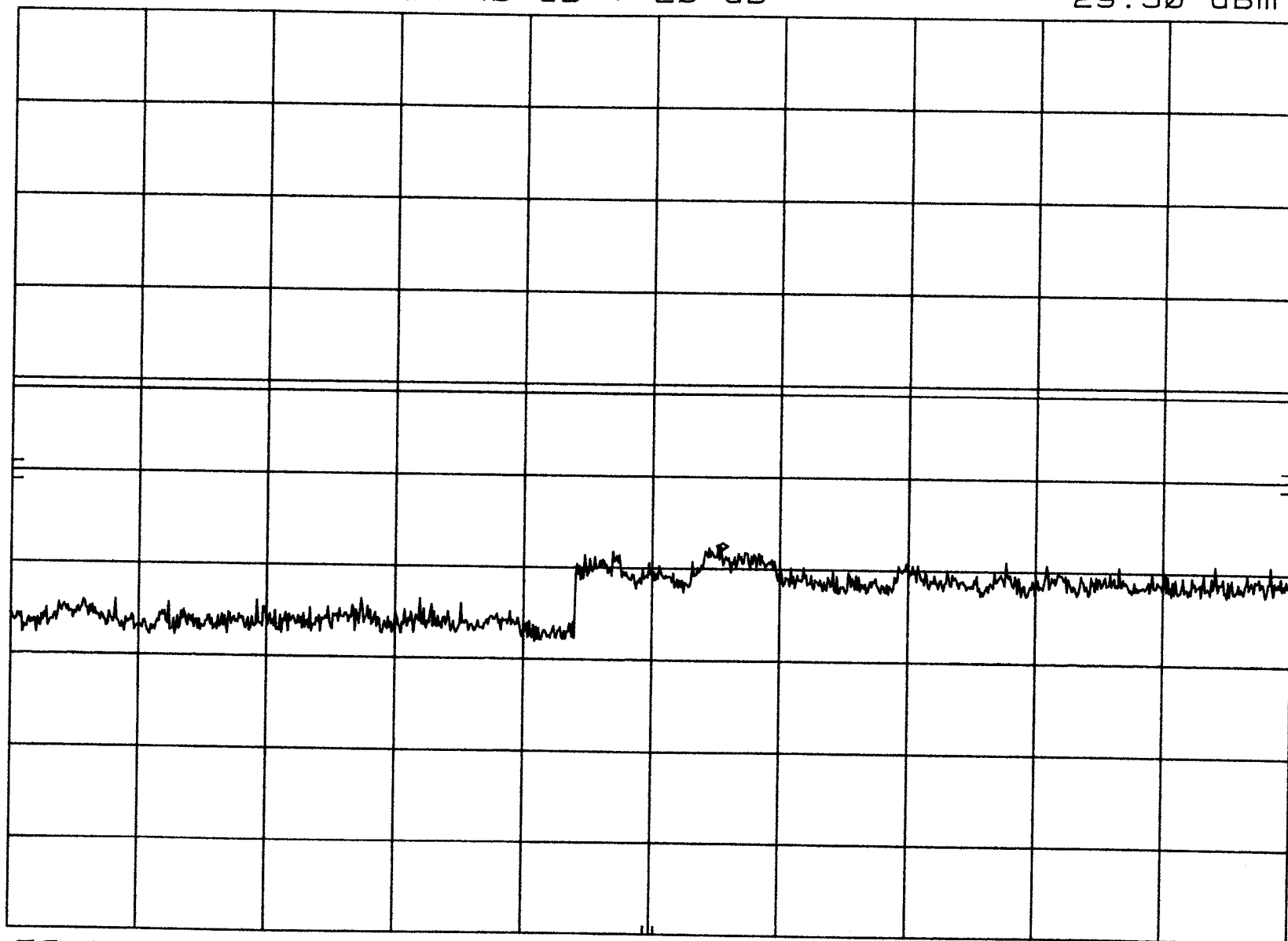
1.4

dB

DL

-13.0

dBm



START 2.50 GHz

RES BW 1 MHz (i)

VBW 1 MHz

STOP 10.00 GHz
SWP 188 msec

FM Mode Ch.991

MKR 2.473 GHz

hp

REF 28.0 dBm ATTN 40 dB + 20 dB

-30.50 dBm

10 dB/

POS PK

OFFSET

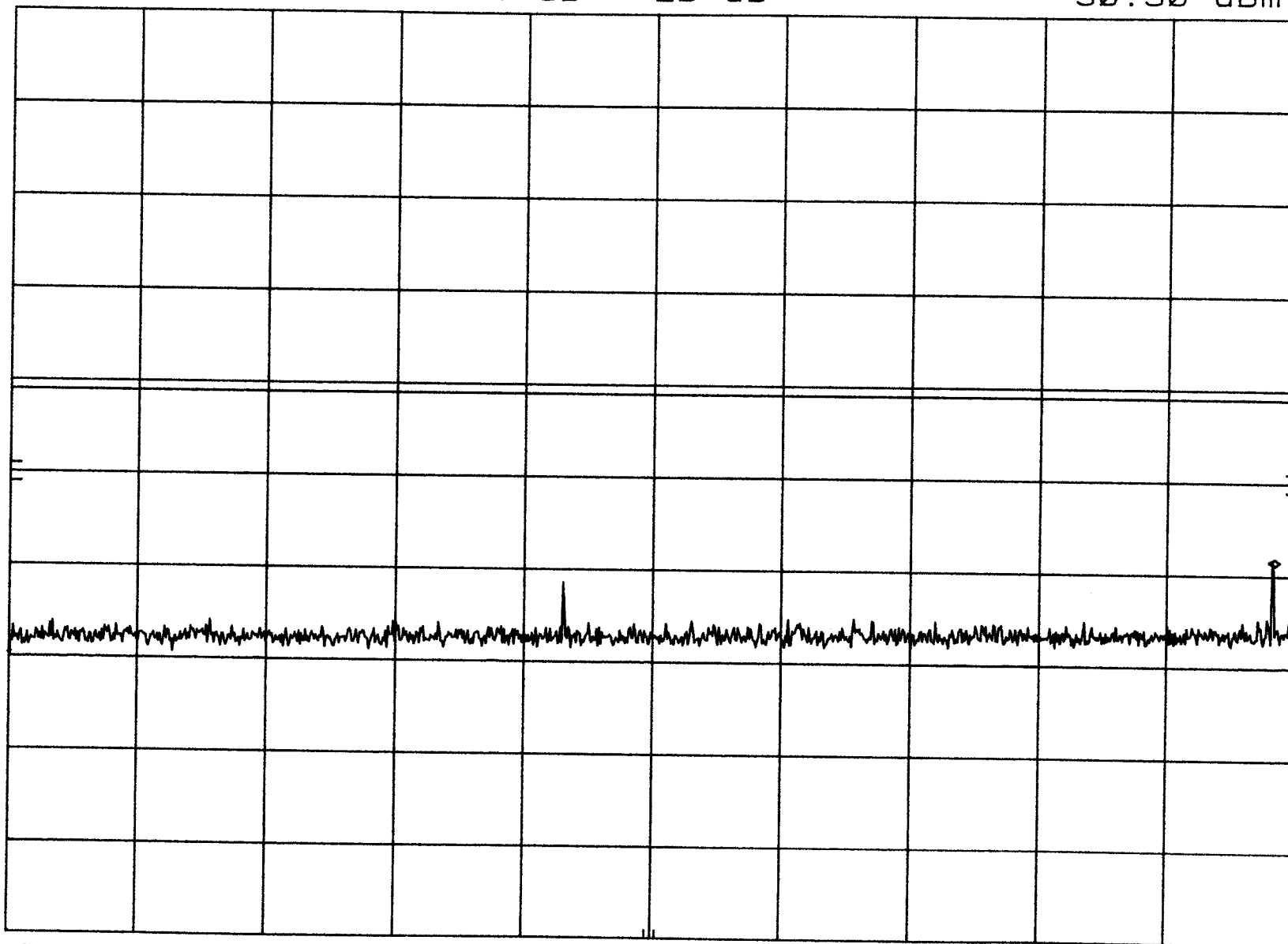
1.4

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.991

hp

REF 28.0 dBm ATTEN 40 dB + 20 dB

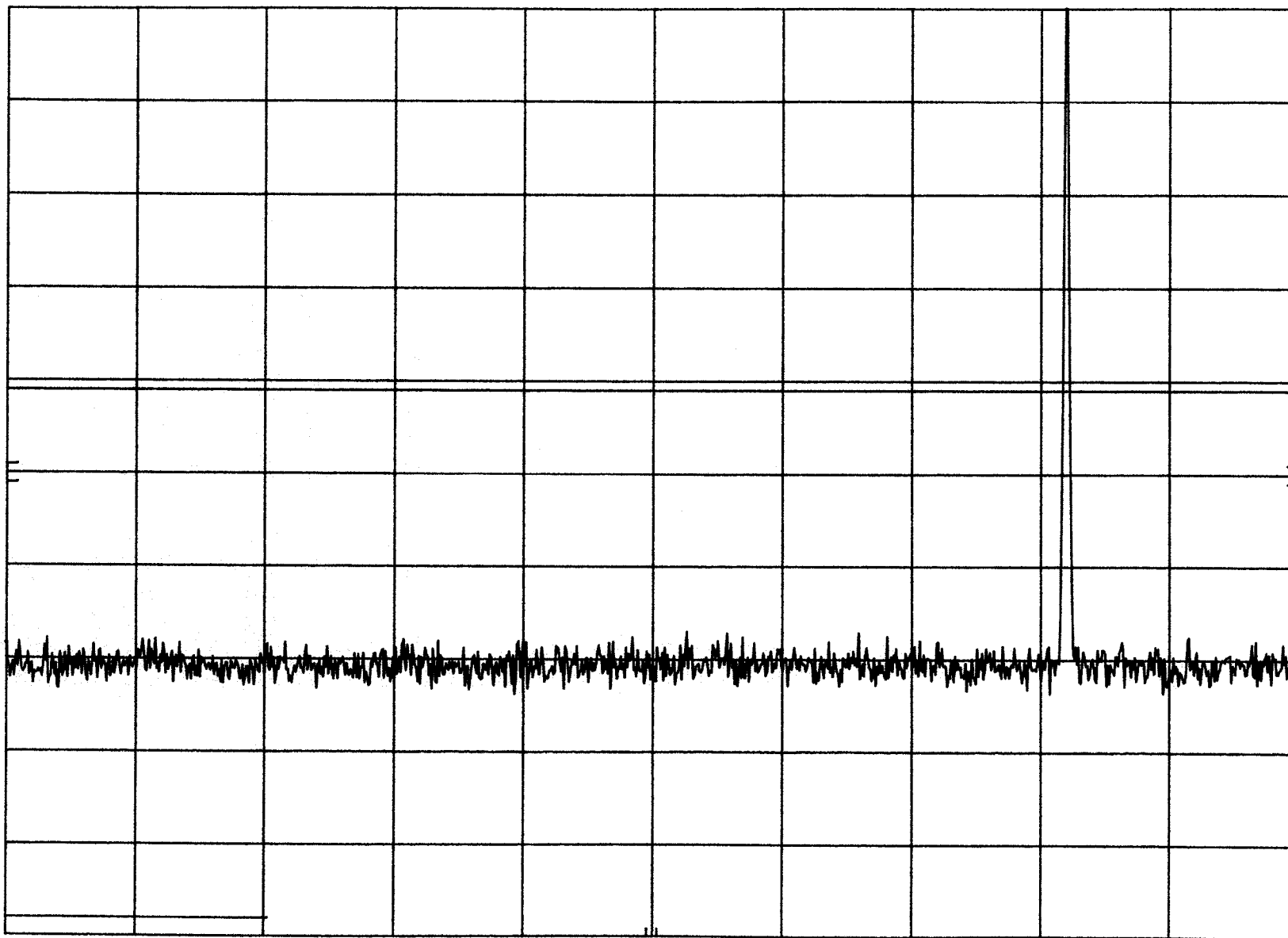
10 dB/

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