
Symbol Technologies, Model No. LA4121
FCC ID:

Date of Test: April 3 & 7, 2000

5.0 Appendix A : Plots

Plot 2.2

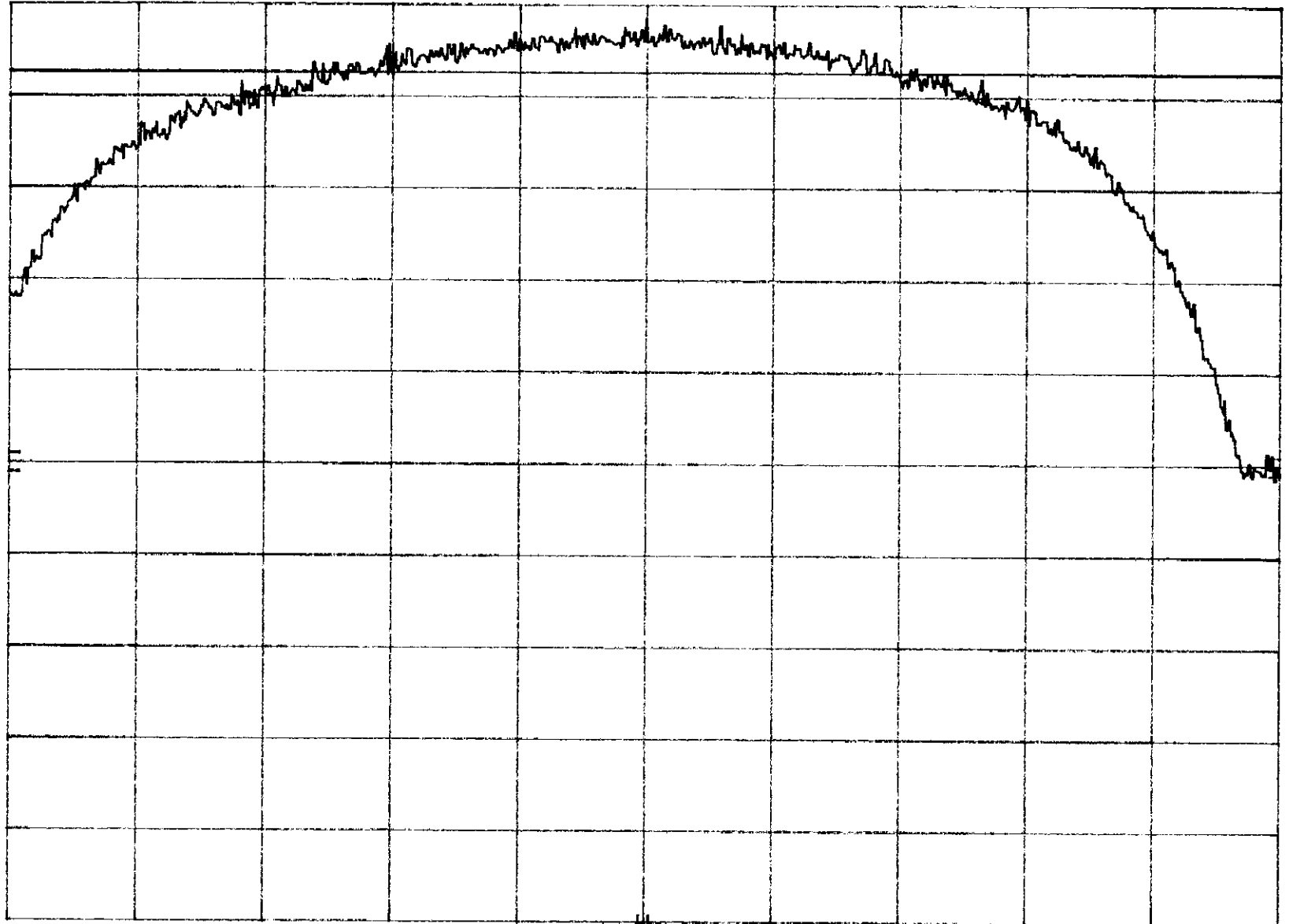
MKR Δ 11.58 MHz
-0.50 dB

hp REF 10.0 dBm

ATTEN 20 dB

10 dB/

DL
2.6
dBm



CENTER 2.412 8 GHz

RES BW 100 kHz

VBW 100 kHz

SPAN 20.0 MHz

SWP 20.0 msec

SYMBOL 4121 MID-BAND

Plot 2.6

MKR Δ 9.76 MHz

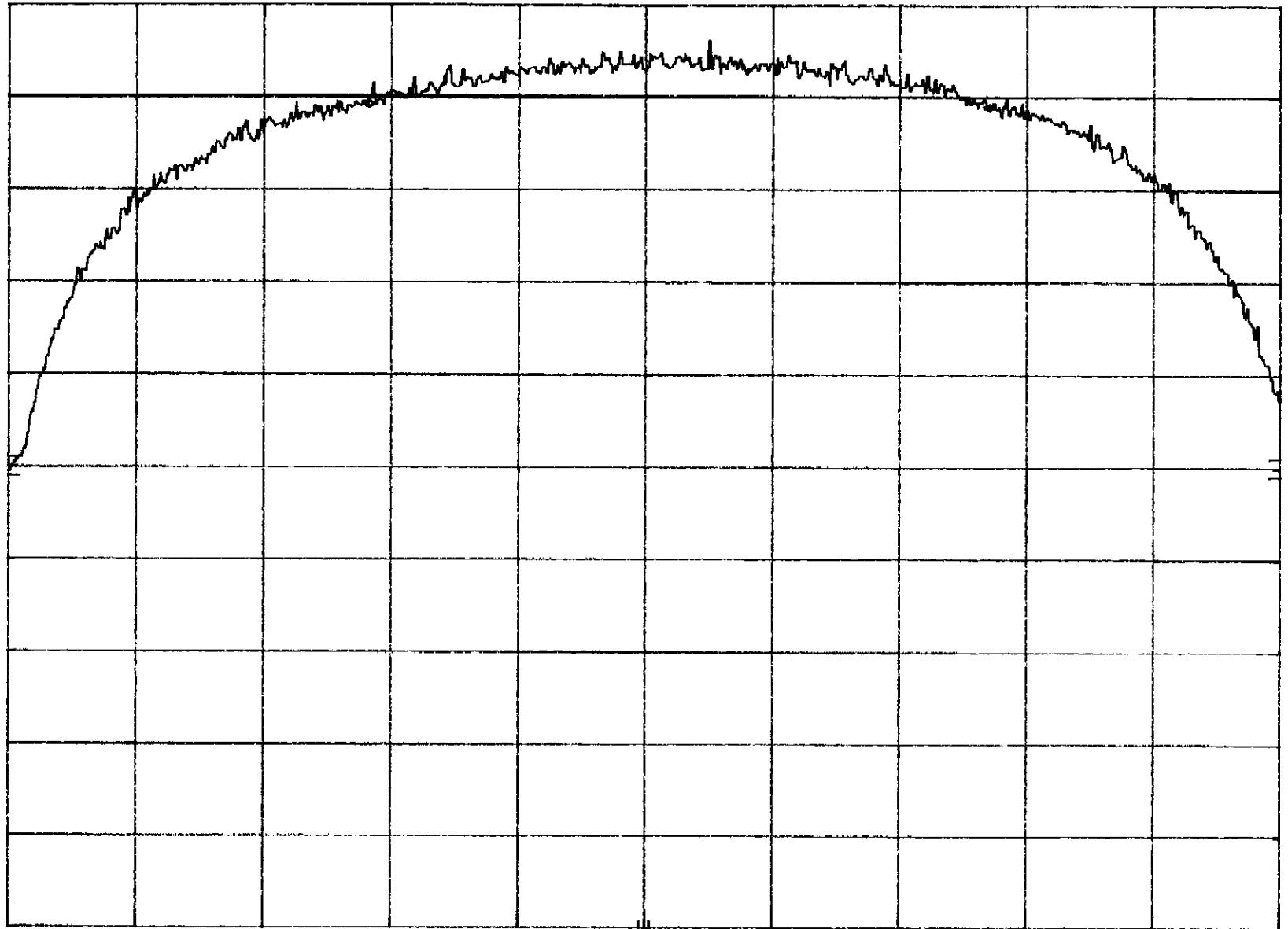
hp

REF 10.0 dBm ATTEN 20 dB

-0.30 dB

10 dB/

DL
0.1
dBm



CENTER 2.437 0 GHz

RES BW 100 kHz

VBW 100 kHz

SPAN 20.0 MHz

SWP 20.0 msec

Plot 2.c

SYMBOL, 4121

MKR Δ 12.00 MHz

hp

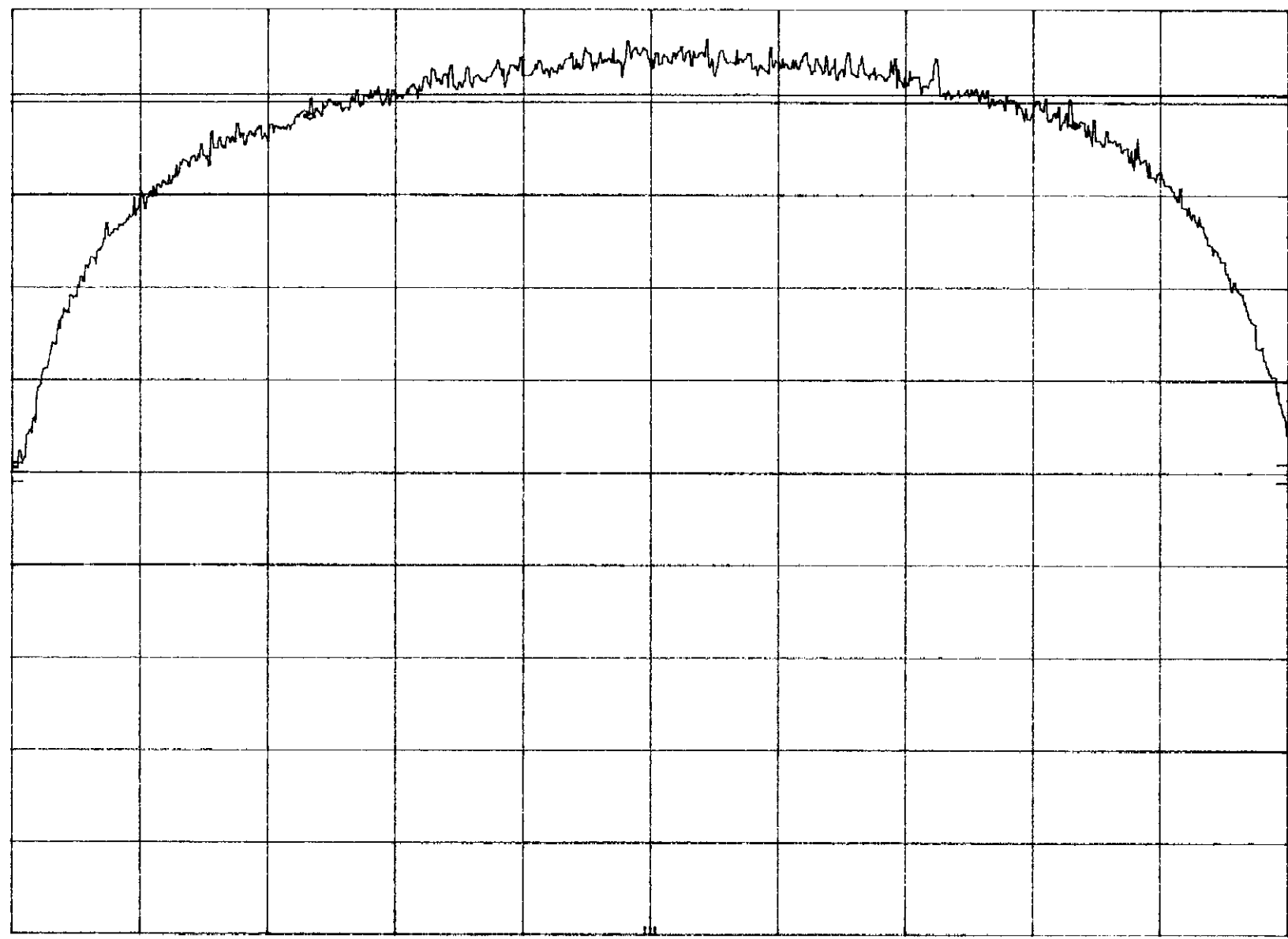
REF 10.0 dBm

ATTEN 20 dB

-0.90 dB

10 dB/

DL
0.8
dBm



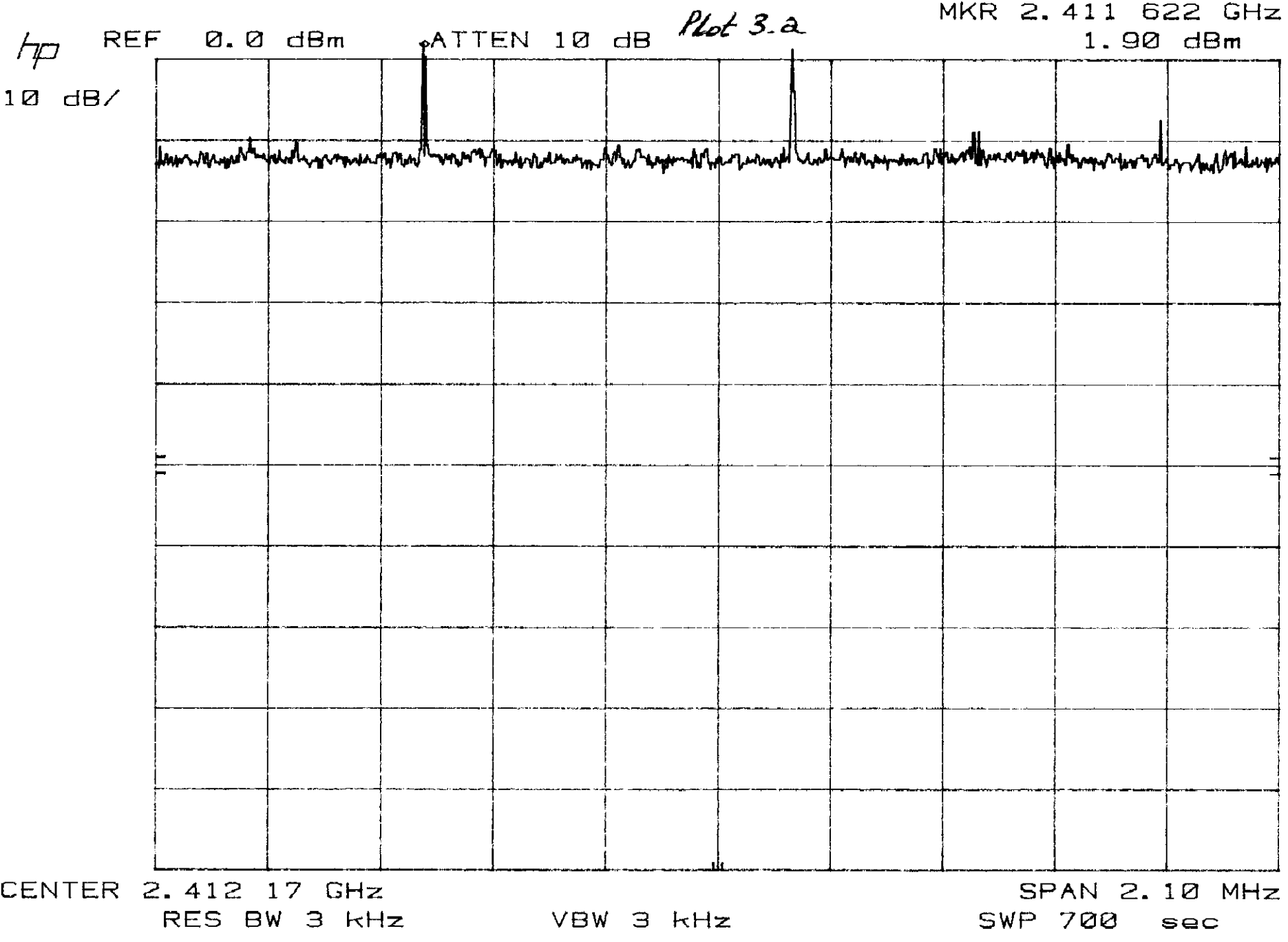
CENTER 2.462 0 GHz

RES BW 100 kHz

VBW 100 kHz

SPAN 20.0 MHz

SWP 20.0 msec



Plot 3.6

SYMMBOL 4121 MID-BAND

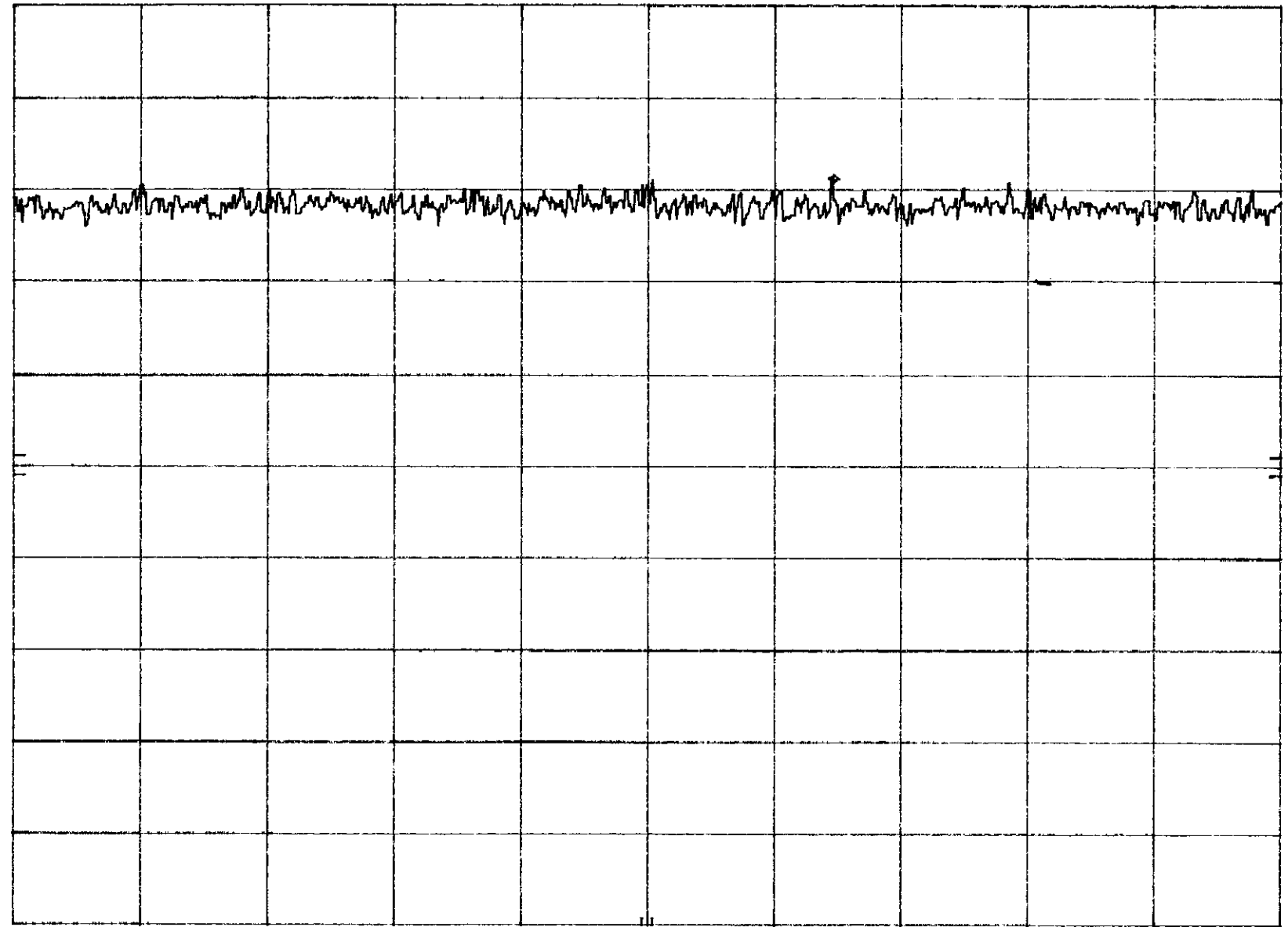
MKR 2.437 887 GHz

hp

REF 10.0 dBm ATTN 20 dB

-8.80 dBm

10 dB/



CENTER 2.437 58 GHz

RES BW 3 kHz

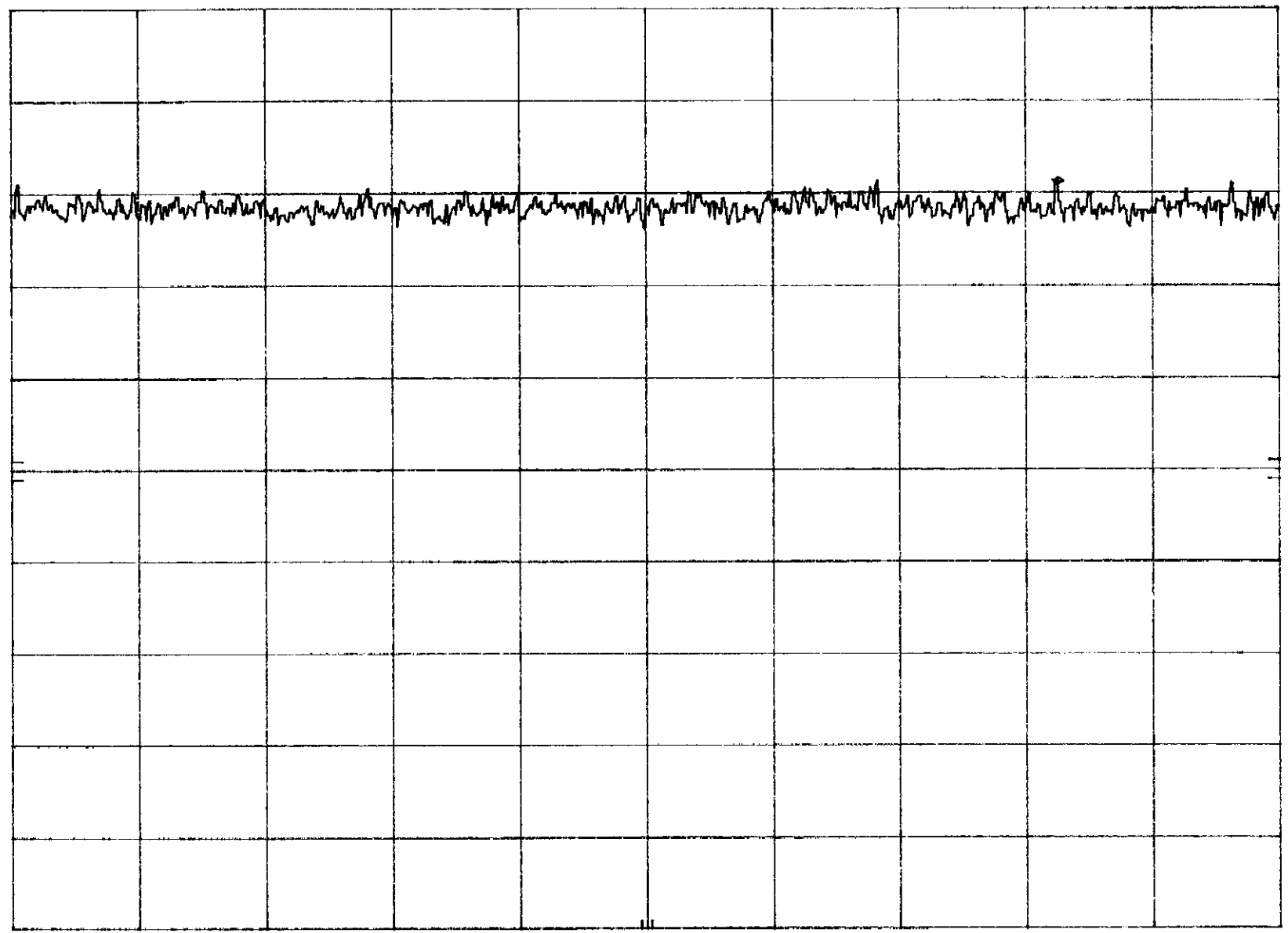
VBW 3 kHz

SPAN 2.10 MHz

SWP 700 sec

hp REF 10.0 dBm ATTEN 20 dB *Plot 3.c* MKR 2.462 883 GHz
-8.70 dBm

10 dB/



CENTER 2.462 20 GHz SPAN 2.10 MHz
RES BW 3 kHz VBW 3 kHz SWP 700 sec

Plot 4.21

SYMBOL 4121 LO-BAND

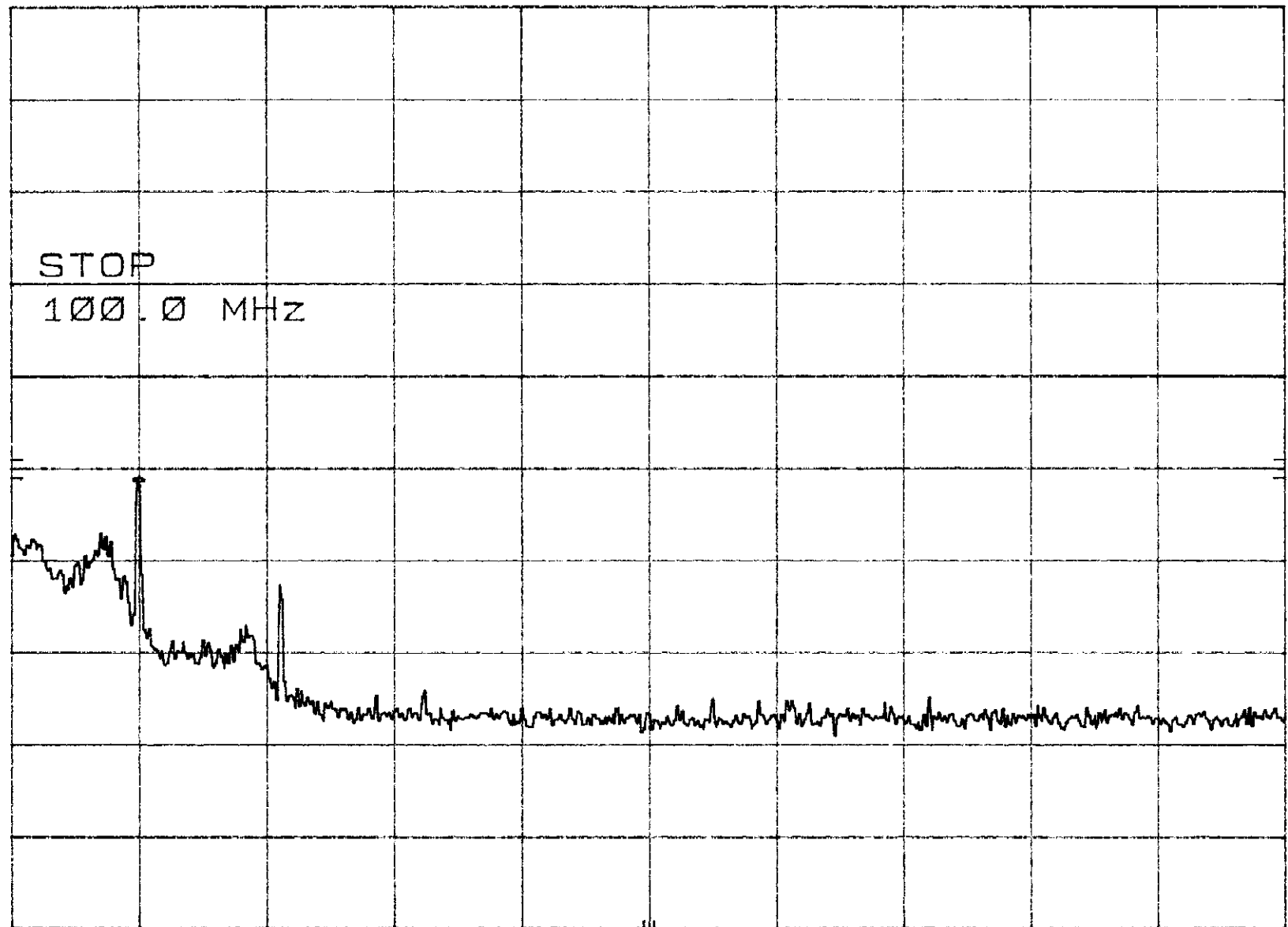
MKR 10.80 MHz

hp

REF 10.0 dBm ATTEN 20 dB

-41.20 dBm

10 dB/



START 1.0 MHz

STOP 100.0 MHz

RES BW 100 kHz

VBW 100 kHz

SWP 29.7 msec

SYMBOL 4121 LO-BAND

Plot 4.22

MKR 602.2 MHz

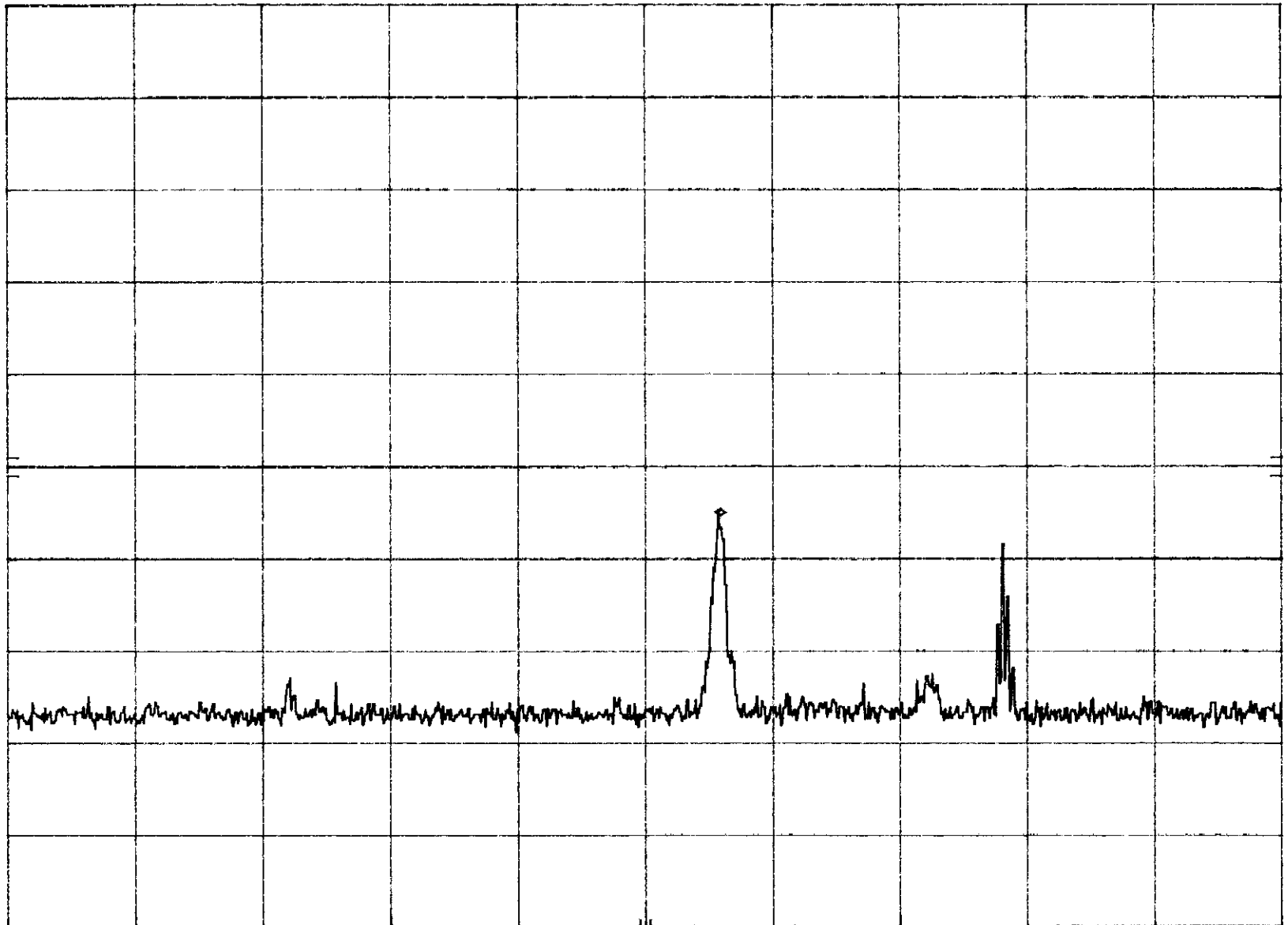
hp

REF 10.0 dBm

ATTEN 20 dB

-45.00 dBm

10 dB/



START 100 MHz

RES BW 100 kHz

VBW 100 kHz

STOP 1.000 GHz

SWP 270 msec

SYMBOL 4121 LO-BAND

Plot 4.23

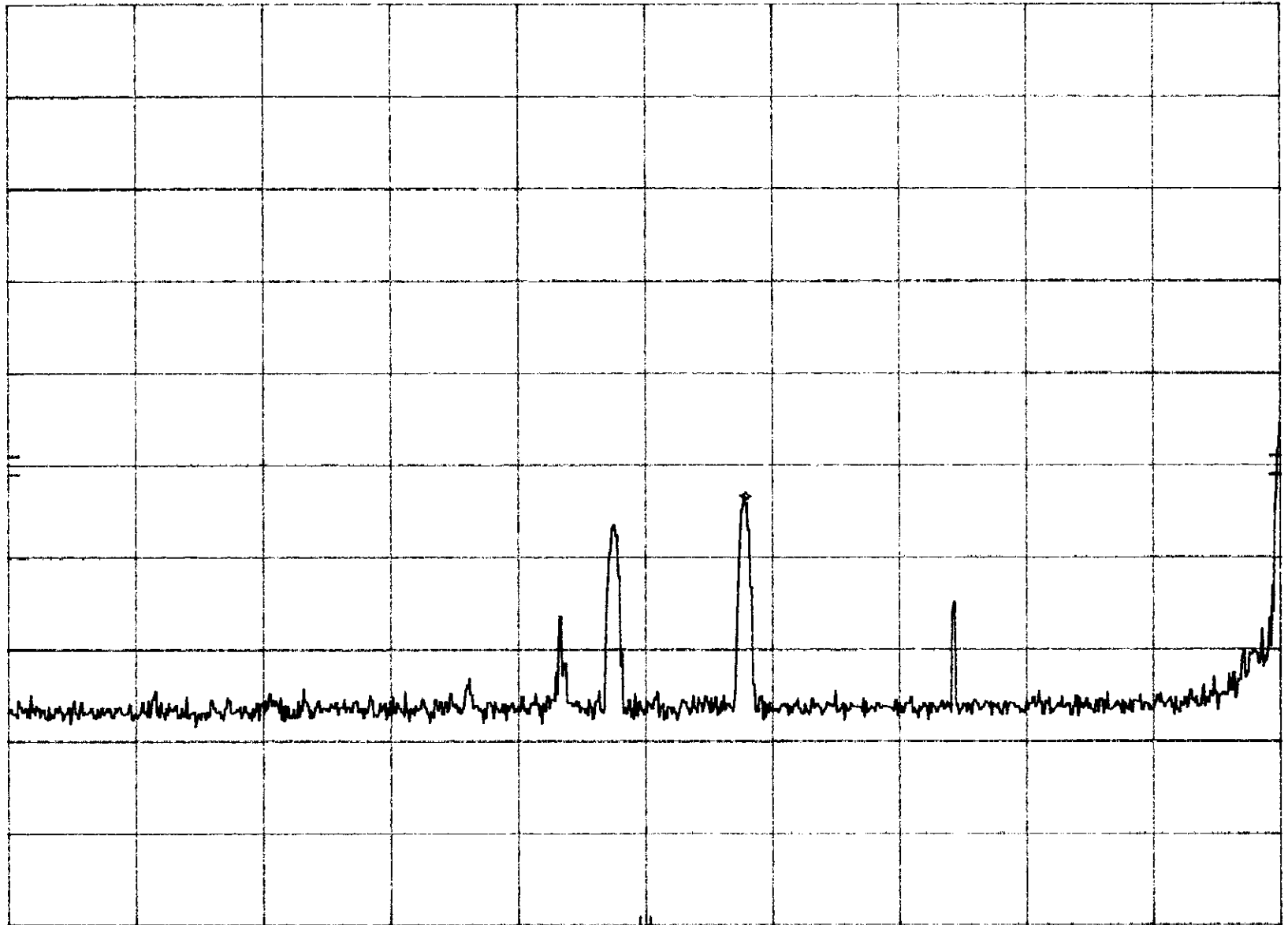
MKR 1.809 GHz

hp

REF 10.0 dBm ATTEN 20 dB

-43.40 dBm

10 dB/



START 1.00 GHz

STOP 2.40 GHz

RES BW 100 KHz

VBW 100 KHz

SWP 420 msec

SYMBOL 4121 LO-BAND

Plot 4. a 4

MKR 2.412 86 GHz

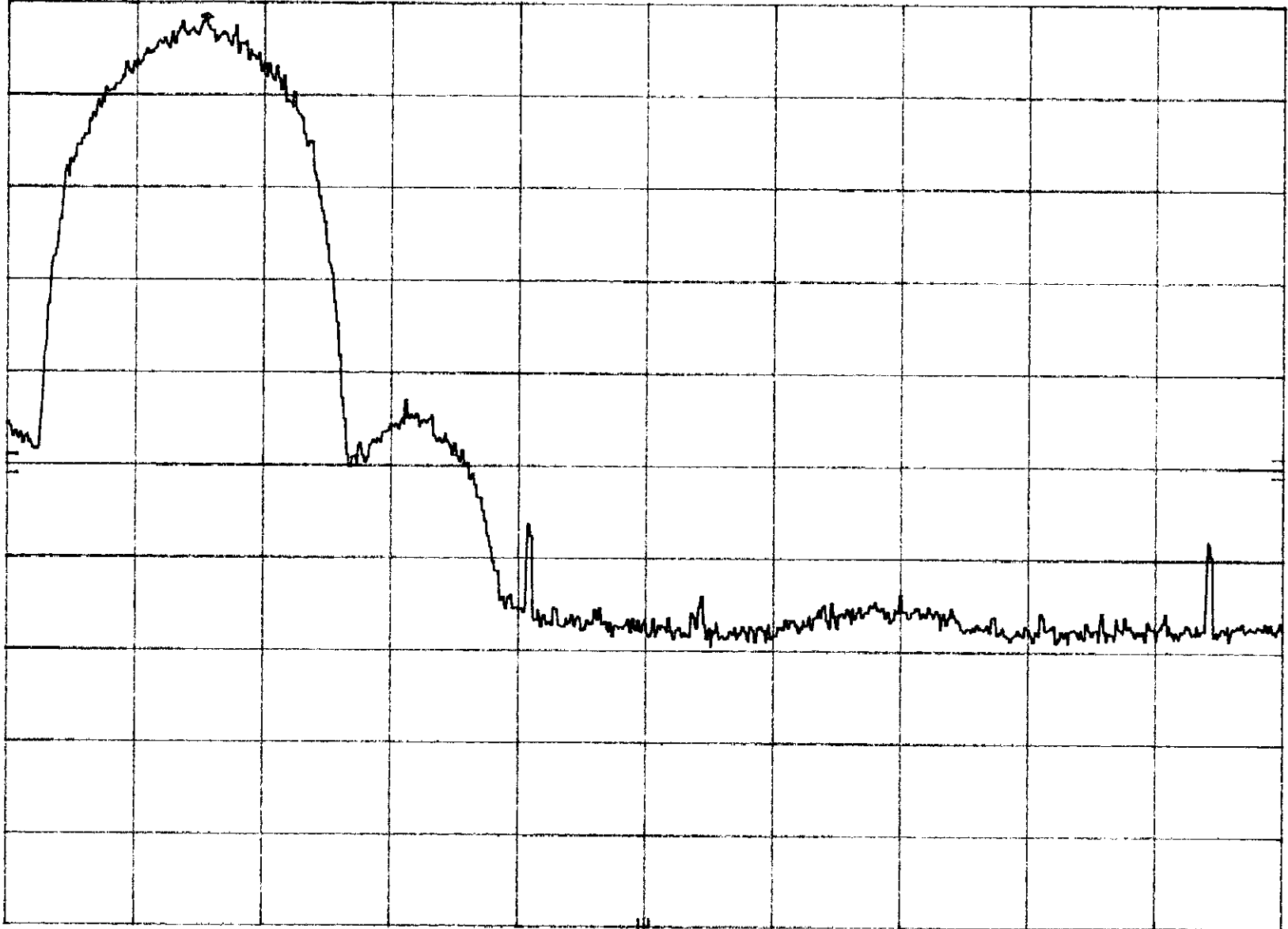
hp

REF 10.0 dBm

ATTEN 20 dB

8.40 dBm

10 dB/



START 2.400 0 GHz

RES BW 100 KHz

VBW 100 KHz

STOP 2.483 5 GHz

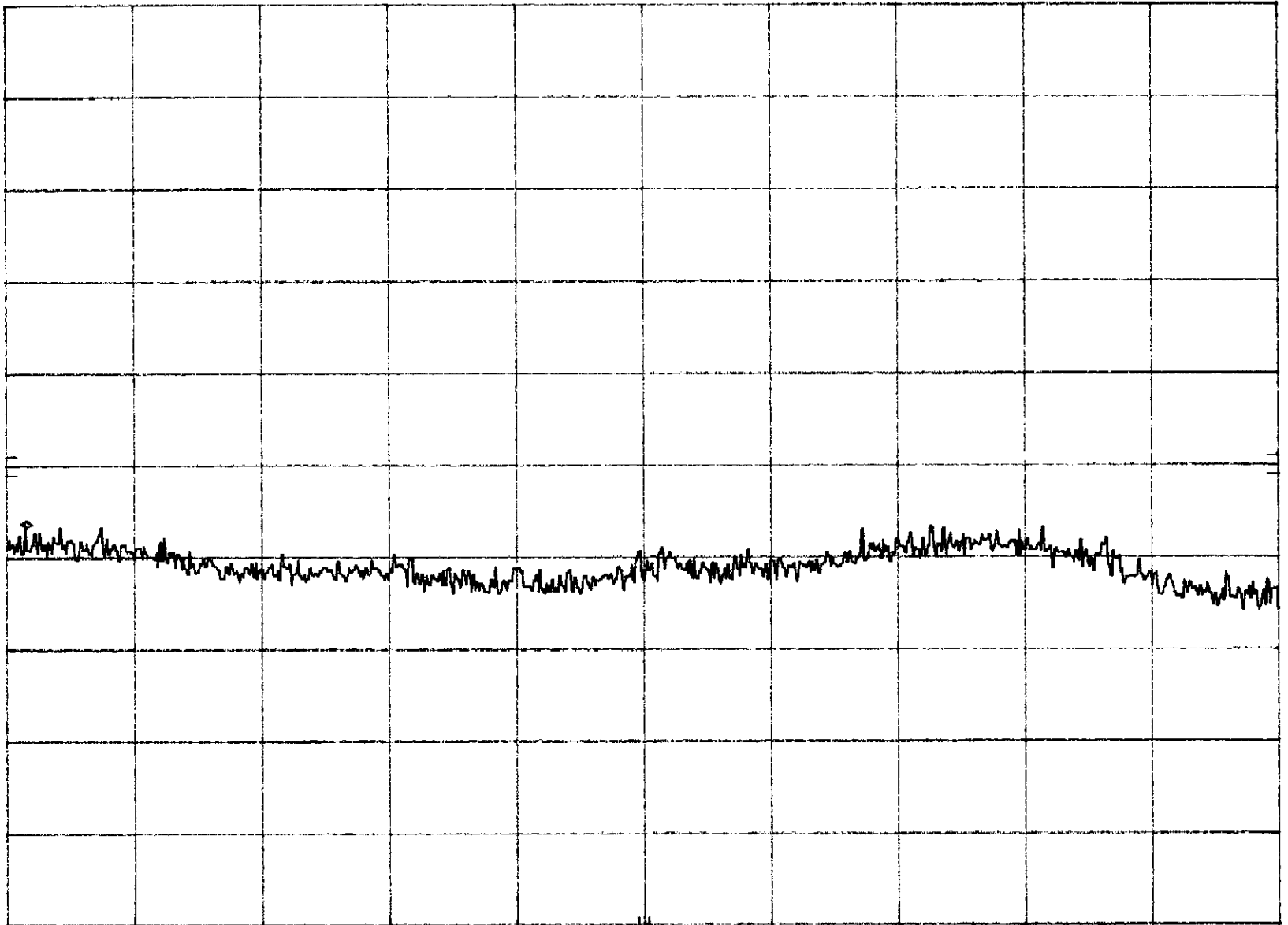
SWP 25.1 msec

SYMBOL 4121 LO-BAND
REF 10.0 dBm ATTEN 20 dB

Plot 4.05

MKR 2.593 MHz
-46.30 dBm

hp
10 dB/



START 2.48 MHz

RES BW 100 KHz

VBW 100 KHz

STOP 10.00 MHz

SWP 20.0 msec

SYMBOL 4121 LO-BAND

Plot 4.26

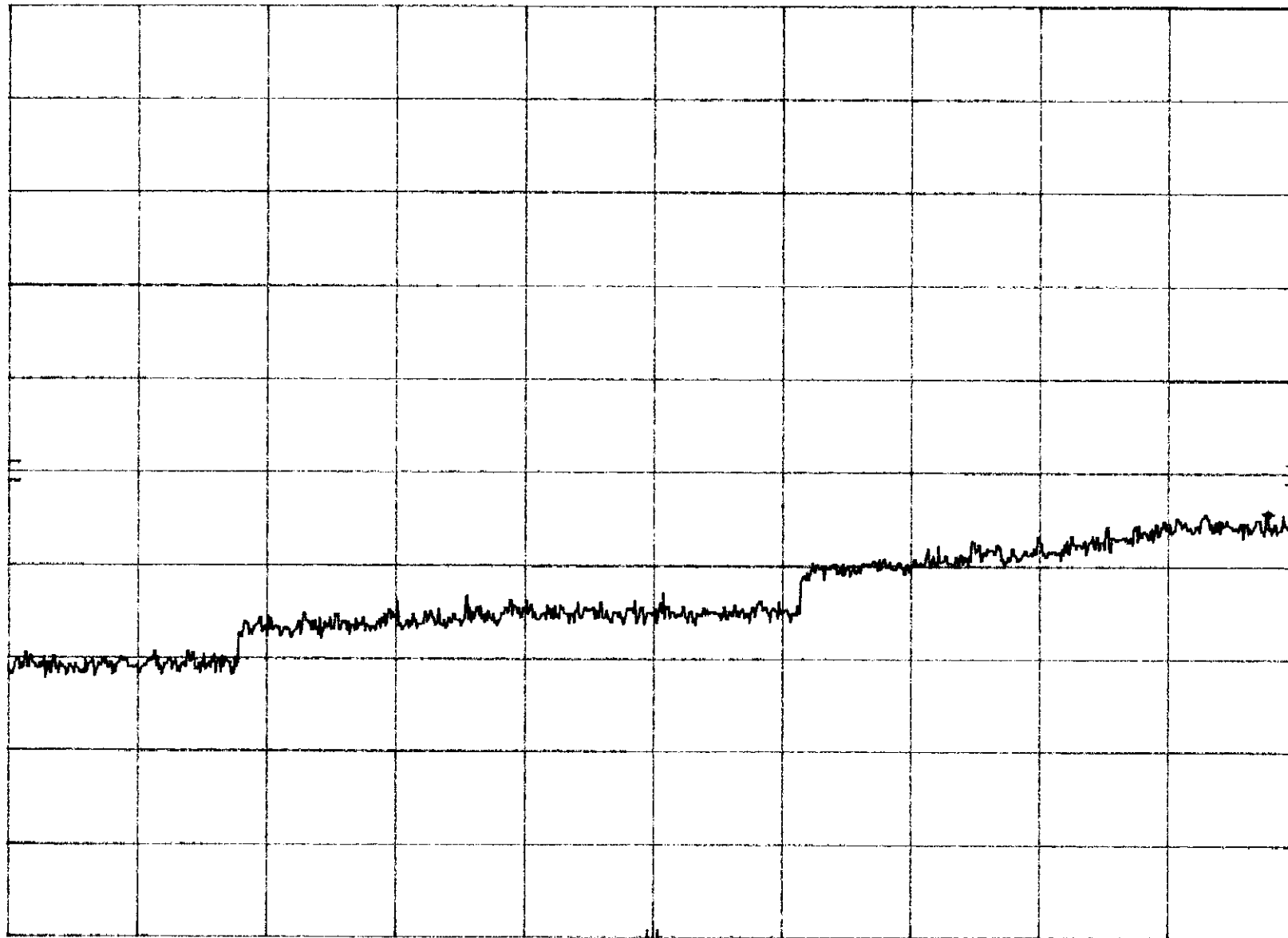
MKR 23.68 GHz

hp

REF 10.0 dBm ATTEN 20 dB

-44.30 dBm

10 dB/



START 10.0 GHz

RES BW 100 KHz

VBW 100 KHz

STOP 24.0 GHz

SWP 4.20 sec

SYMBOL 4121 MID-BAND

Plot 4. b1

MKR 11.00 MHz

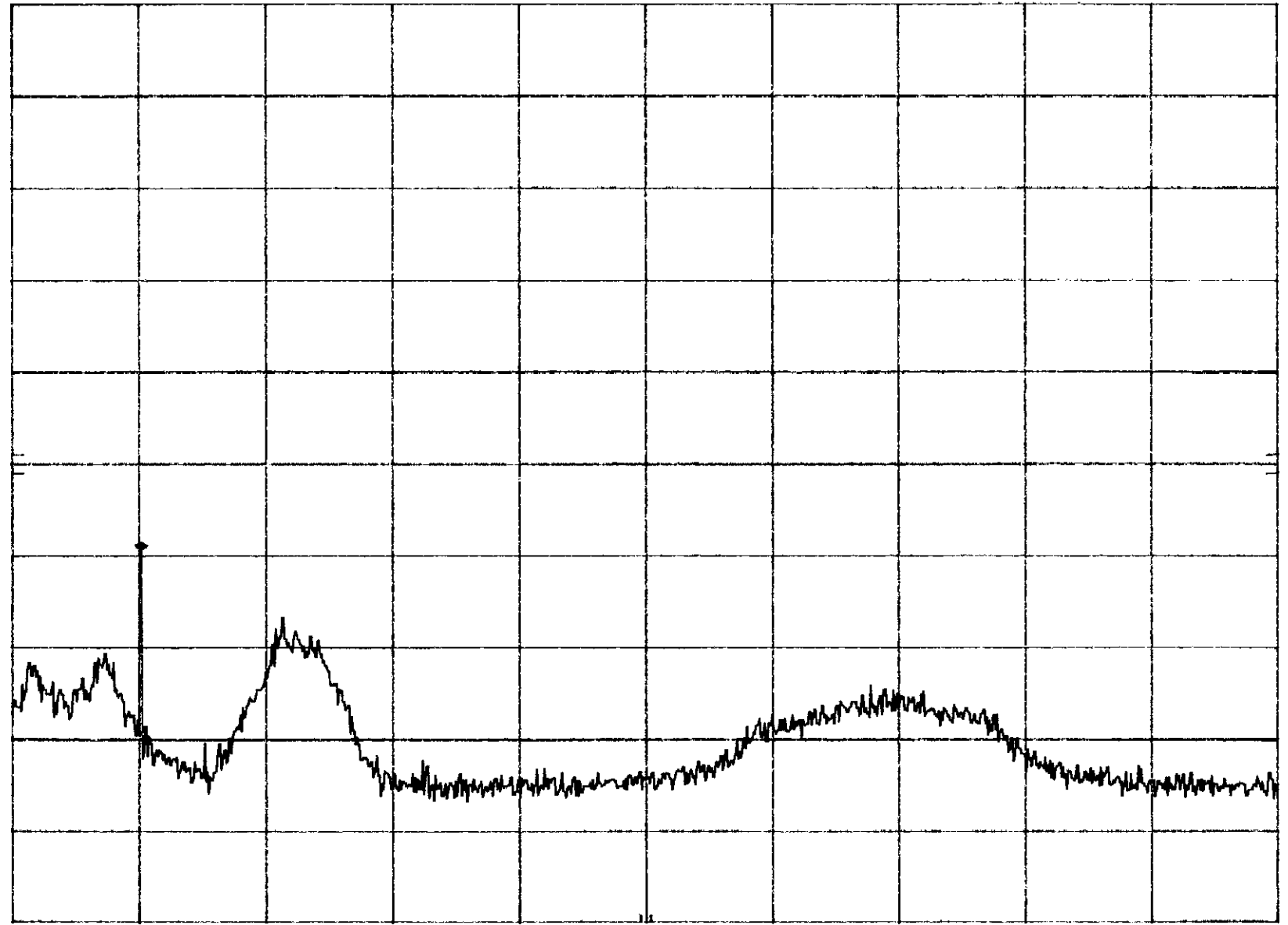
hp

REF 10.0 dBm

ATTEN 20 dB

-48.90 dBm

10 dB/



START 1.0 MHz

RES BW 30 KHz

VBW 30 KHz

STOP 100.0 MHz

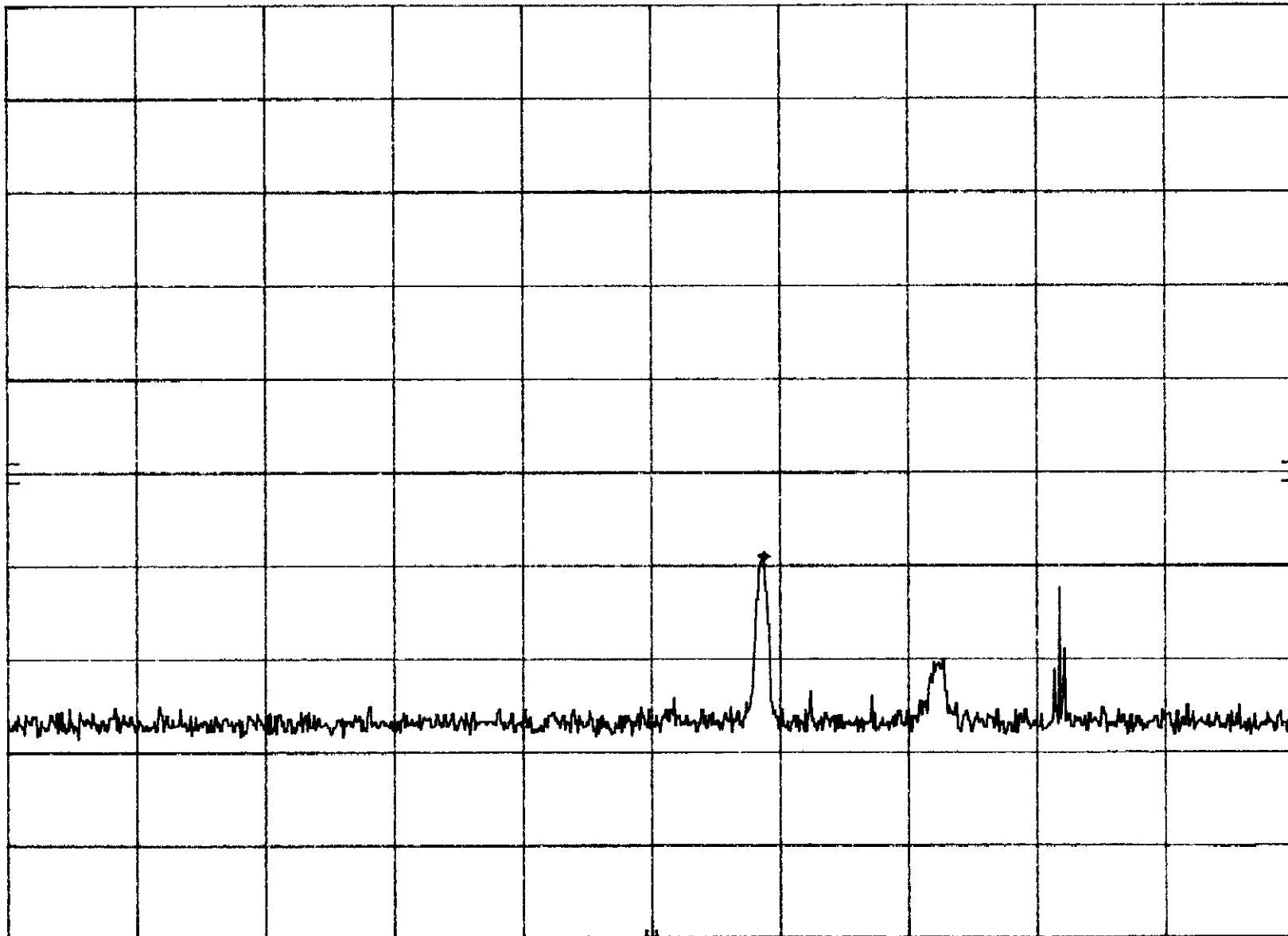
SWP 297 msec

SYMBOL 4121 MID-BAND
REF 10.0 dBm ATTEN 20 dB

Plot 4. b 2

MKR 628.3 MHz
-49.00 dBm

hp
10 dB/



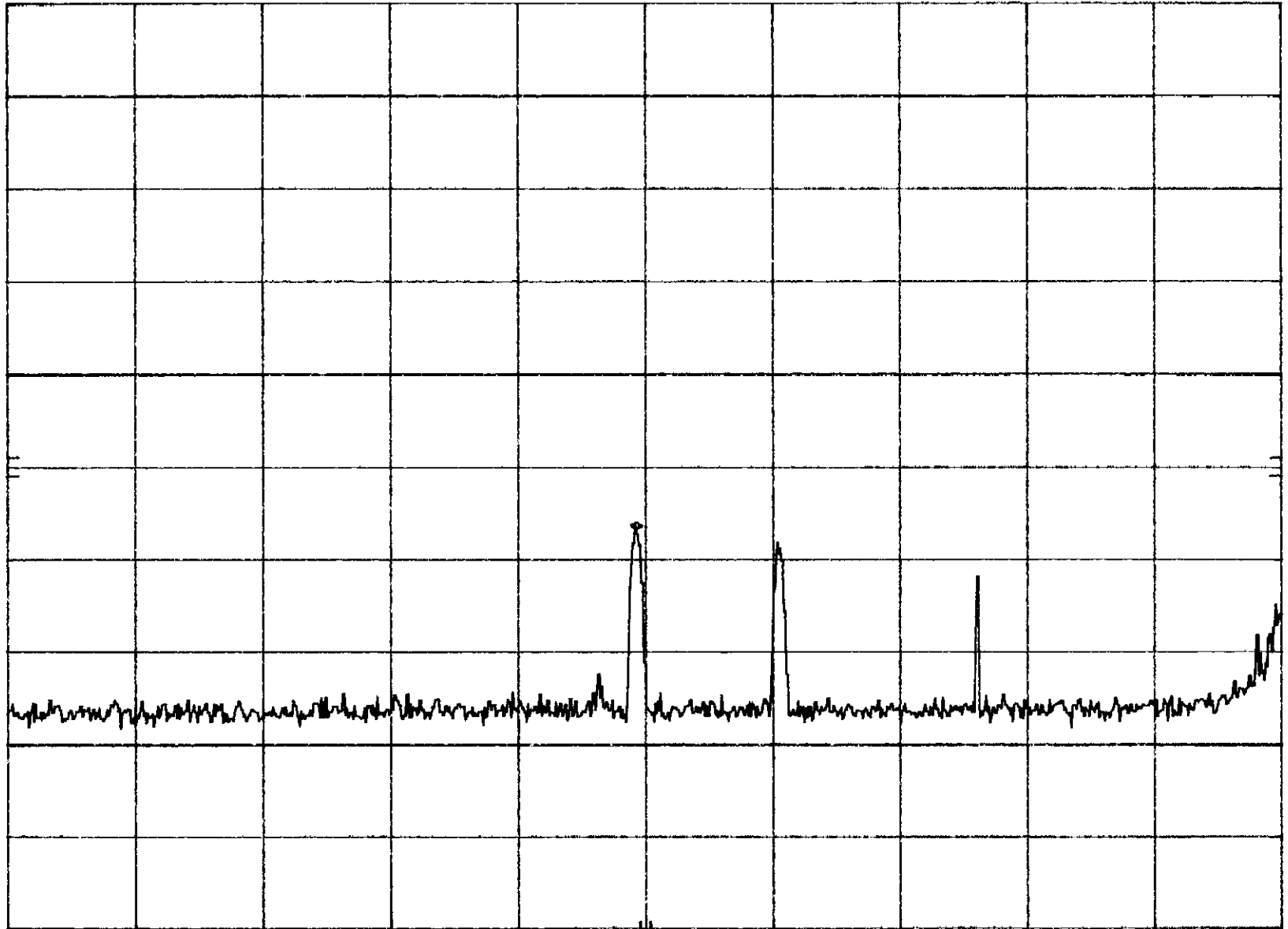
START 100 MHz RES BW 100 KHz VBW 100 KHz STOP 1.000 GHz
SWP 270 msec

SYMBOL 4121 MID-BAND
REF 10.0 dBm ATTEN 20 dB

Plot 4. b 3

MKR 1.689 GHz
-46.40 dBm

hp
10 dB/



START 1.00 GHz

RES BW 100 KHz

VBW 100 KHz

STOP 2.40 GHz

SWP 420 msec

SYMMBOL 4121 MID-BAND

Plot 4.54

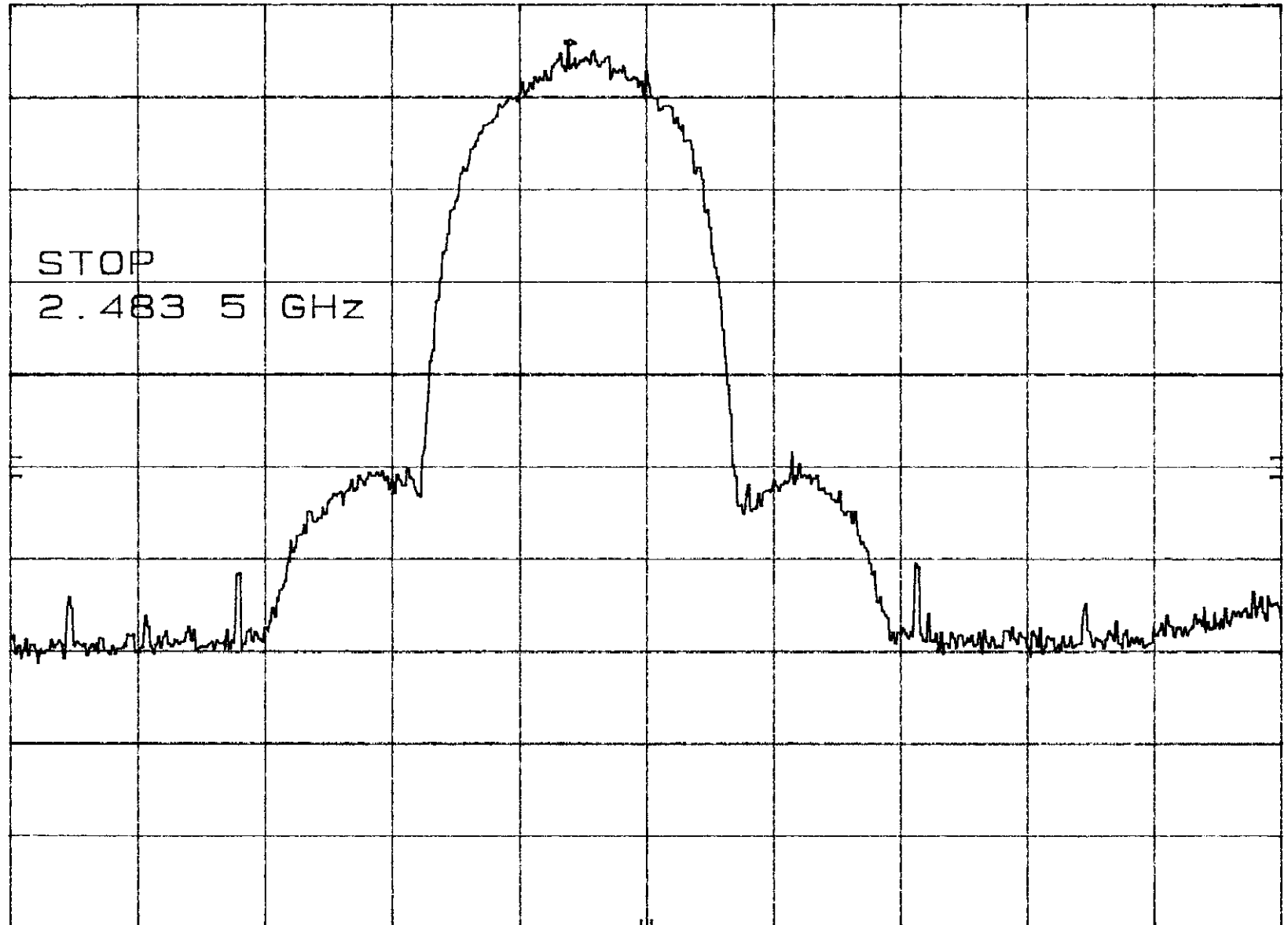
MKR 2.436 66 GHz

hp

REF 10.0 dBm ATTEN 20 dB

5.90 dBm

10 dB/



START 2.400 0 GHz

RES BW 100 kHz

VBW 100 kHz

STOP 2.483 5 GHz

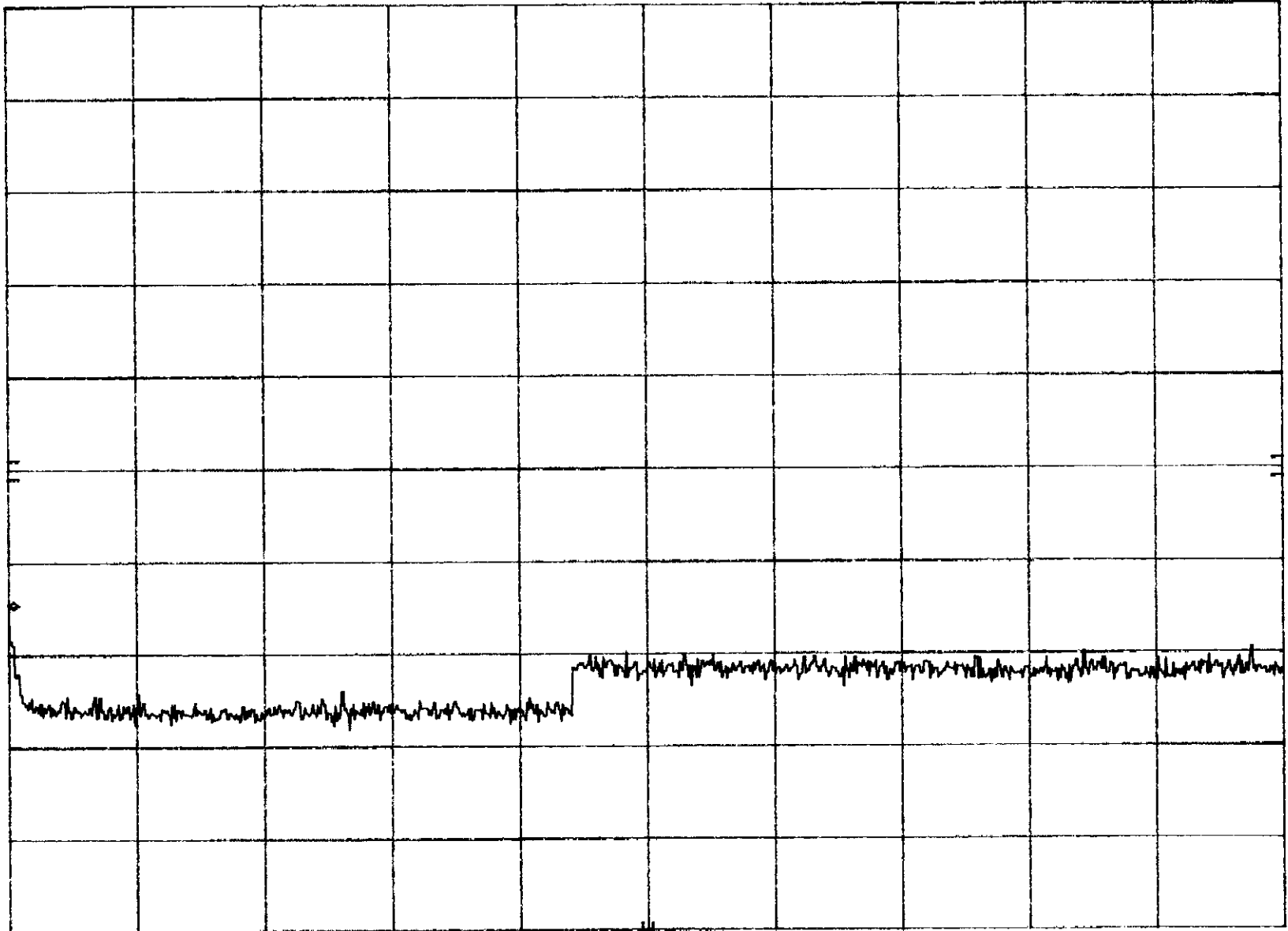
SWP 25.1 msec

SYMBOL 4121 MID-BAND
REF 10.0 dBm ATTEN 20 dB

Plot 4.65

MKR 2.480 GHz
-54.60 dBm

hp
10 dB/



START 2.48 GHz

RES BW 100 KHZ

VBW 100 KHZ

STOP 10.00 GHz

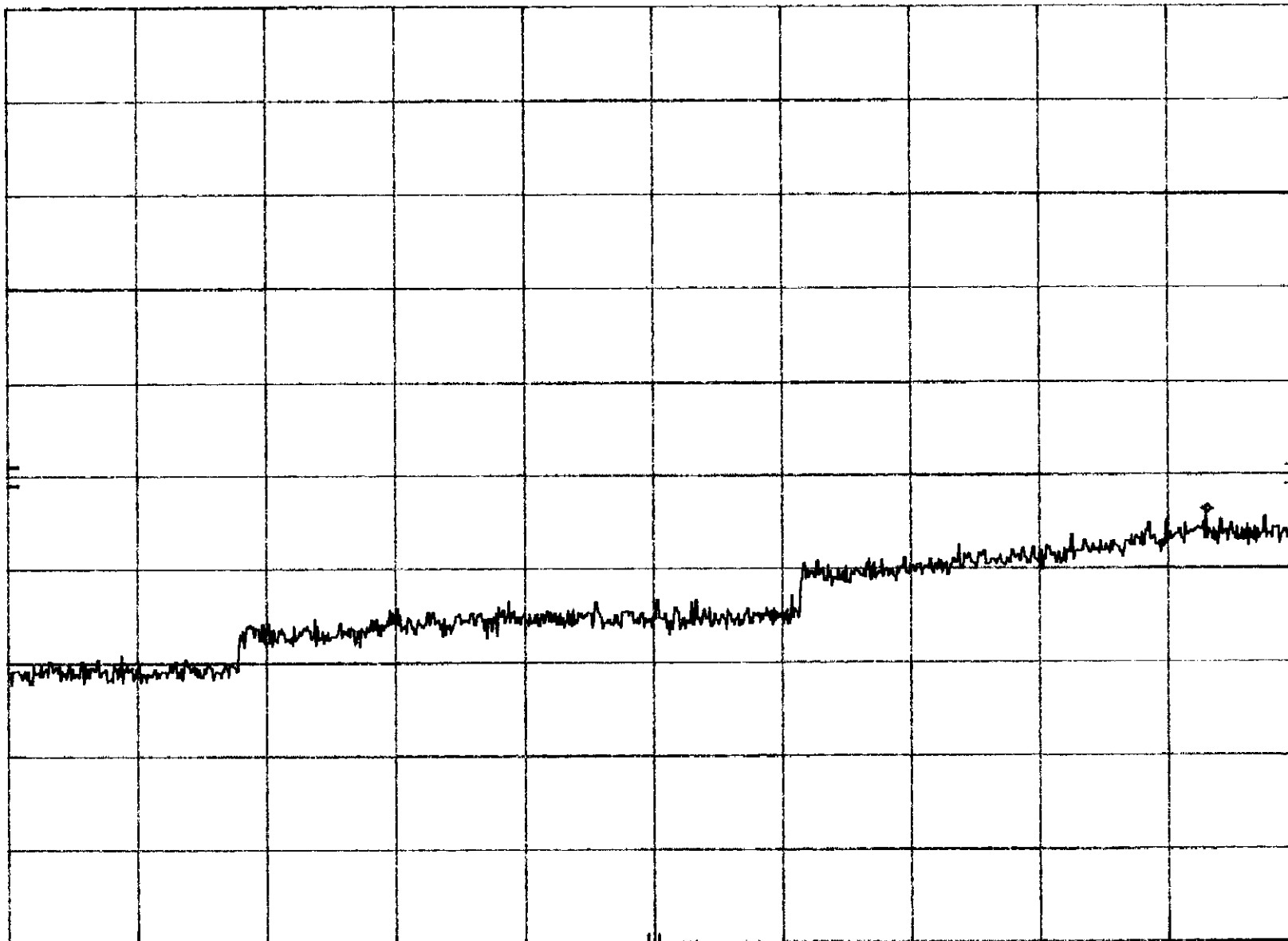
SWP 2.26 sec

SYMBOL 4121 MID-BAND
REF 10.0 dBm ATTEN 20 dB

Plot 4.66

MKR 23.02 GHz
-43.70 dBm

hp
10 dB/



START 10.0 GHz

RES BW 100 KHz

VBW 100 KHz

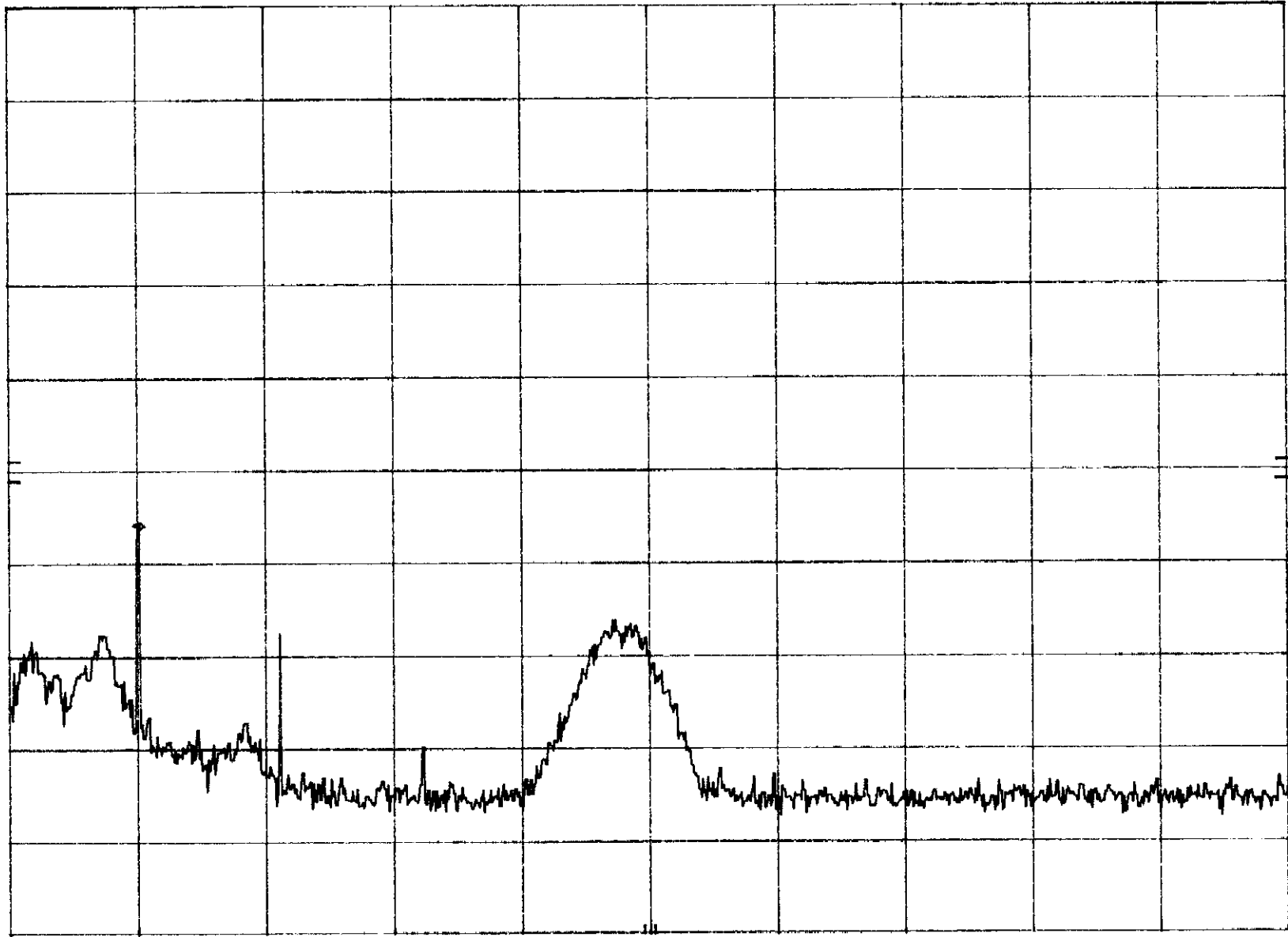
STOP 24.0 GHz

SWP 4.20 sec

SYMBOL. 4121 HI-BAND *Plot 4.c1*
REF 10.0 dBm ATTEN 20 dB

MKR 11.00 MHz
-45.90 dBm

hp
10 dB/



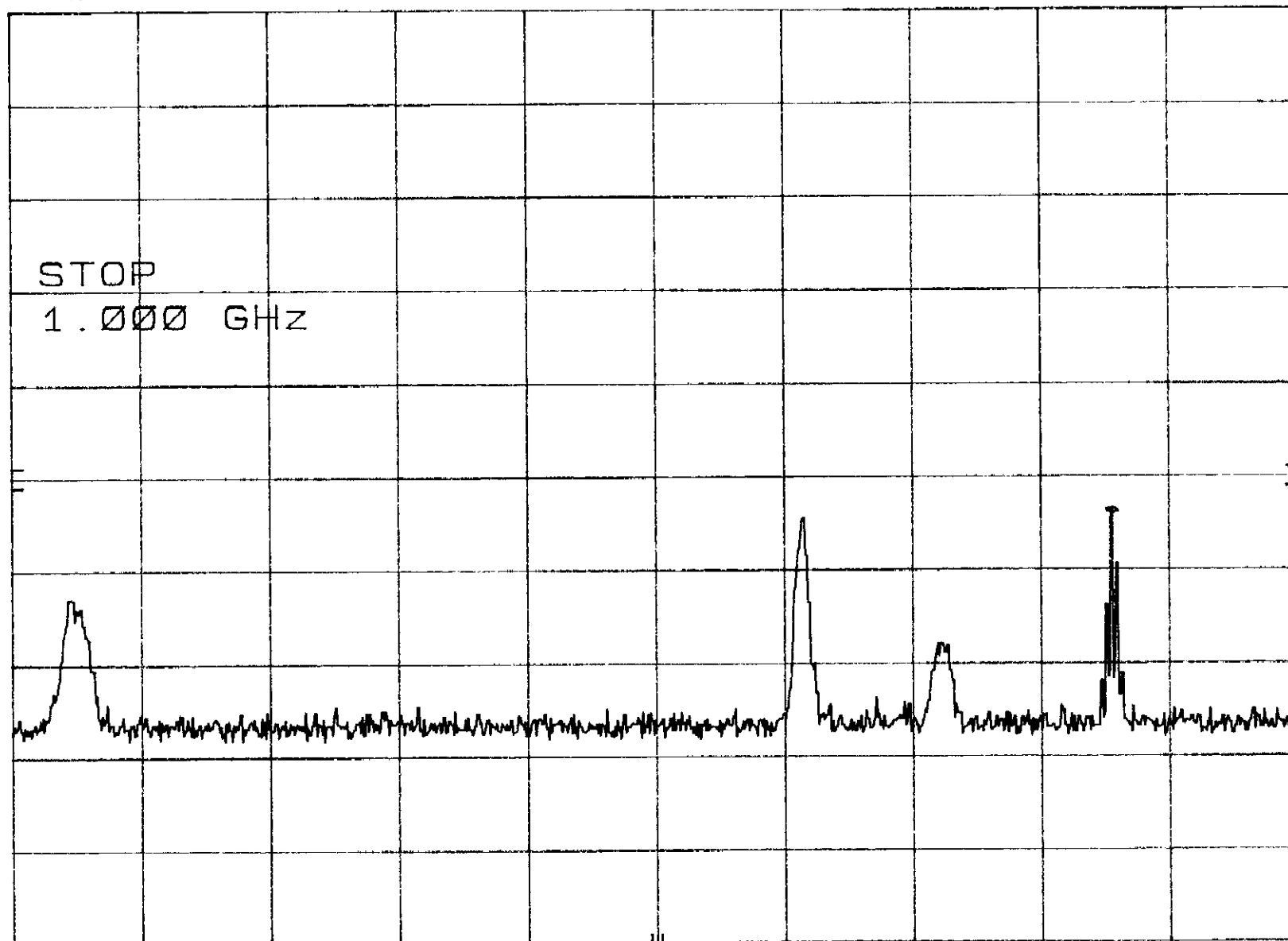
START 1.0 MHz RES BW 30 kHz VBW 30 kHz STOP 100.0 MHz
SWP 297 msec

SYMBOL. 4121 HI-BAND
REF 10.0 dBm ATTEN 20 dB

Plot 4.c 2

MKR 869.5 MHz
-43.70 dBm

hp
10 dB/



START 100 MHz

RES BW 100 kHz

VBW 100 kHz

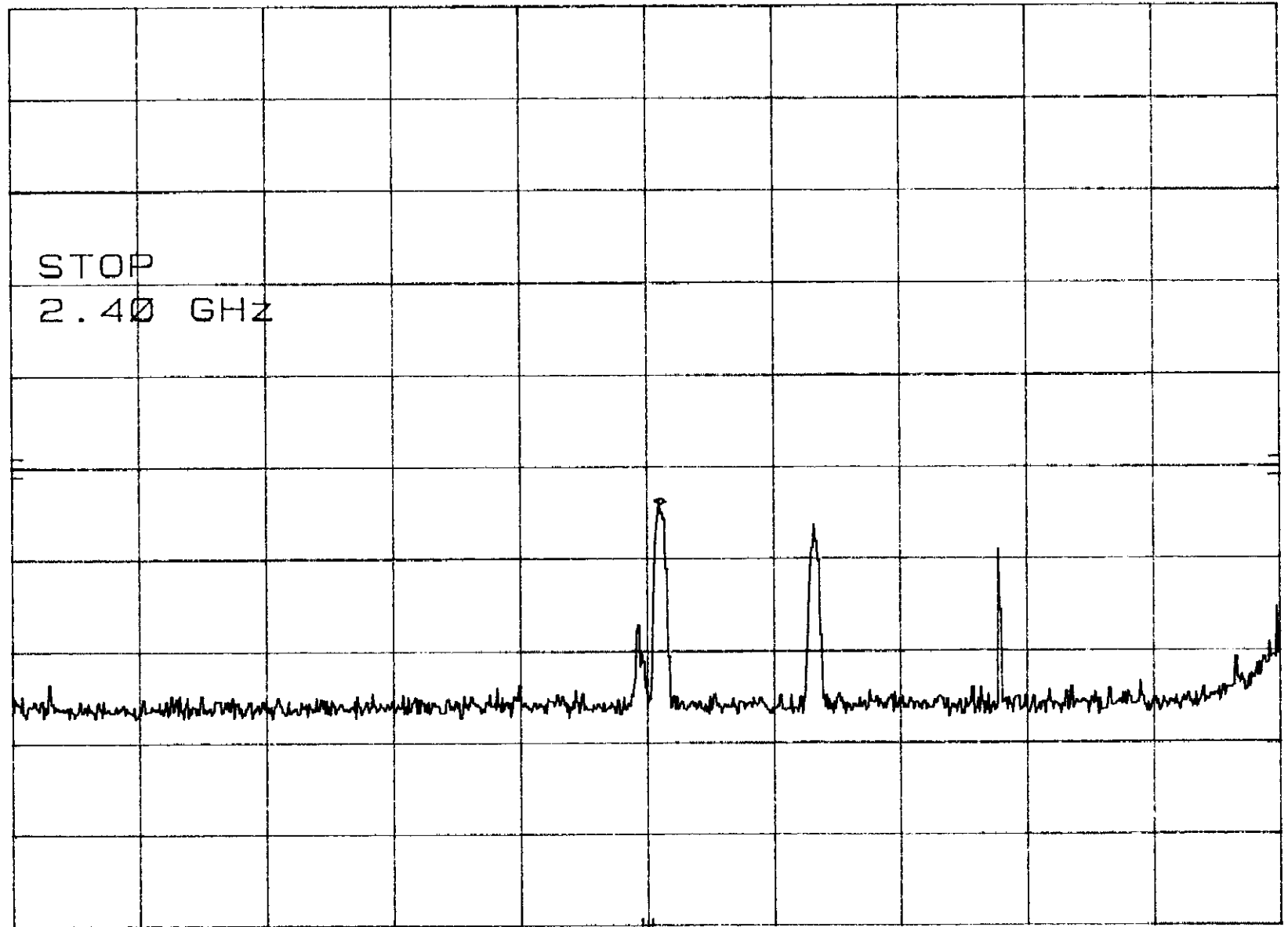
STOP 1.000 GHz
SWP 270 msec

SYMBOL, 4121 HI-BAND
REF 10.0 dBm ATTEN 20 dB

Plot 4.c3

MKR 1.714 GHz
-43.80 dBm

hp
10 dB/



START 1.00 GHz

RES BW 100 KHz

VBW 100 KHz

STOP 2.40 GHz
SWP 420 msec

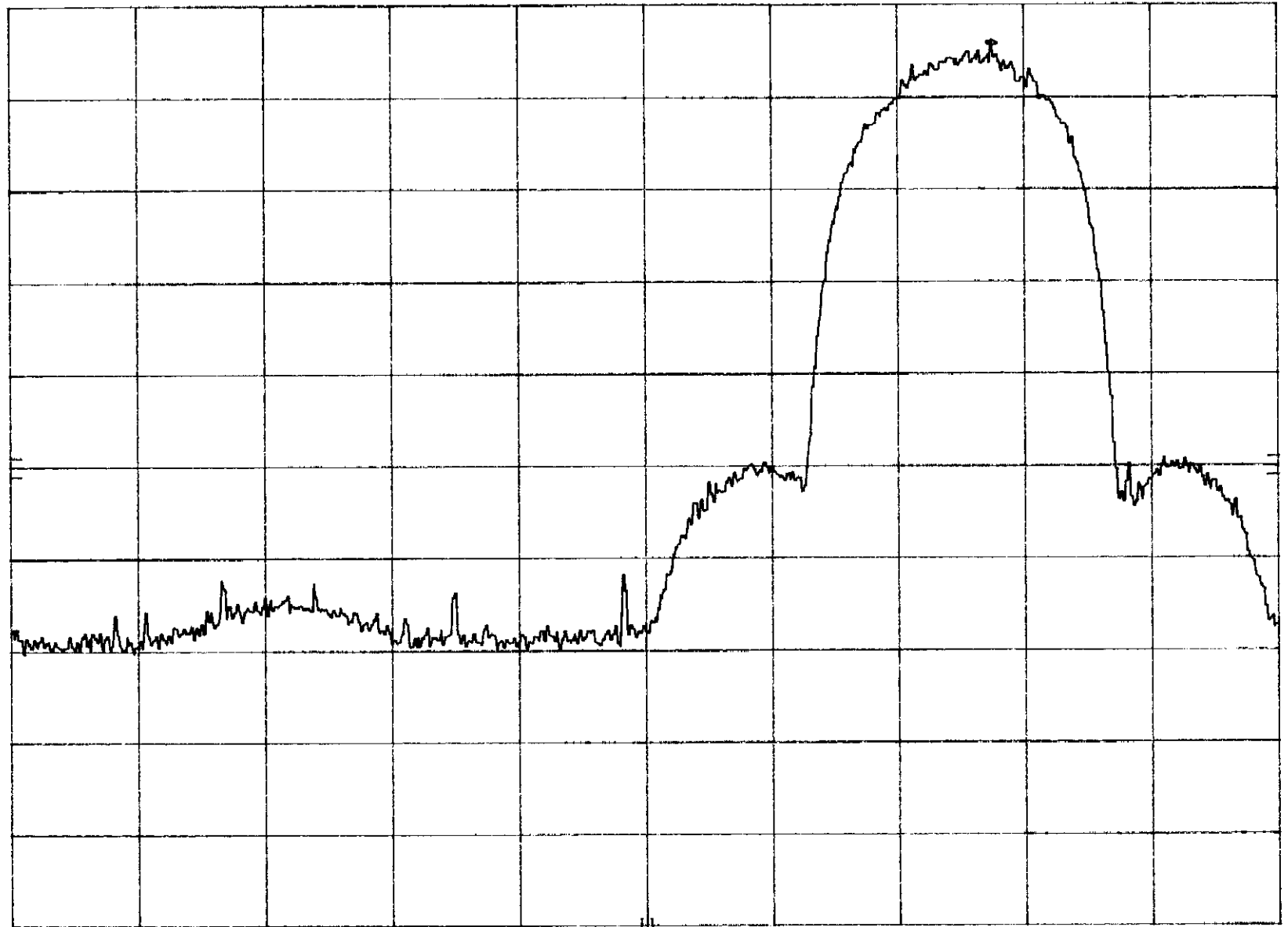
SYMBOL. 4121-
REF 10.0 dBm

ATTEN 20 dB

Plot Y.C.Y

MKR 2.464 63 GHz
5.80 dBm

hp
10 dB/



START 2.400 0 GHz

RES BW 100 KHz

VBW 100 KHz

STOP 2.483 5 GHz

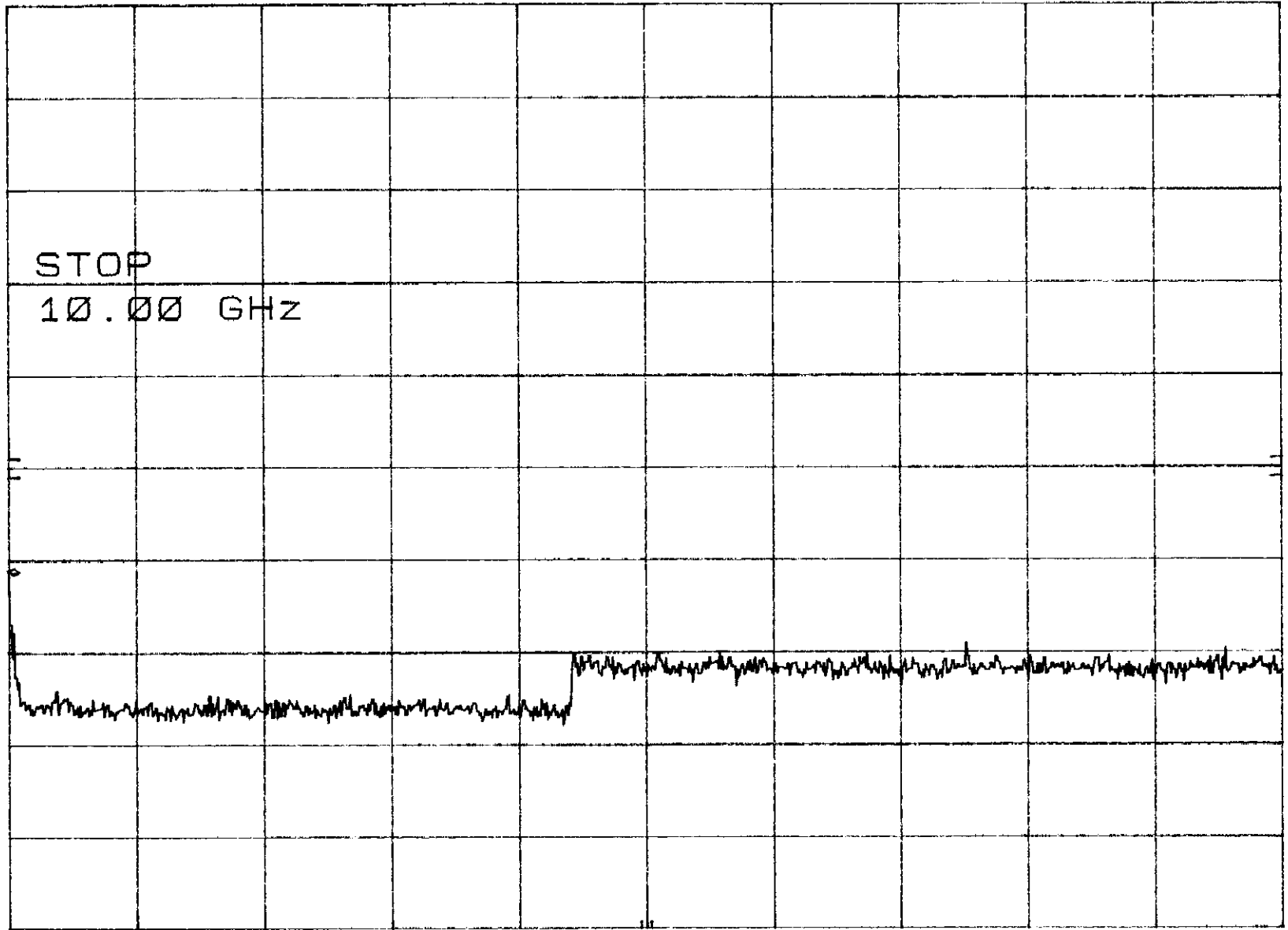
SWP 25.1 msec

SYMBOL. 4121 HI-BAND
REF 10.0 dBm ATTEN 20 dB

Plot 4.c5

MKR 2.484 GHz
-51.20 dBm

hp
10 dB/



START 2.48 GHz

RES BW 100 KHz

VBW 100 KHz

STOP 10.00 GHz

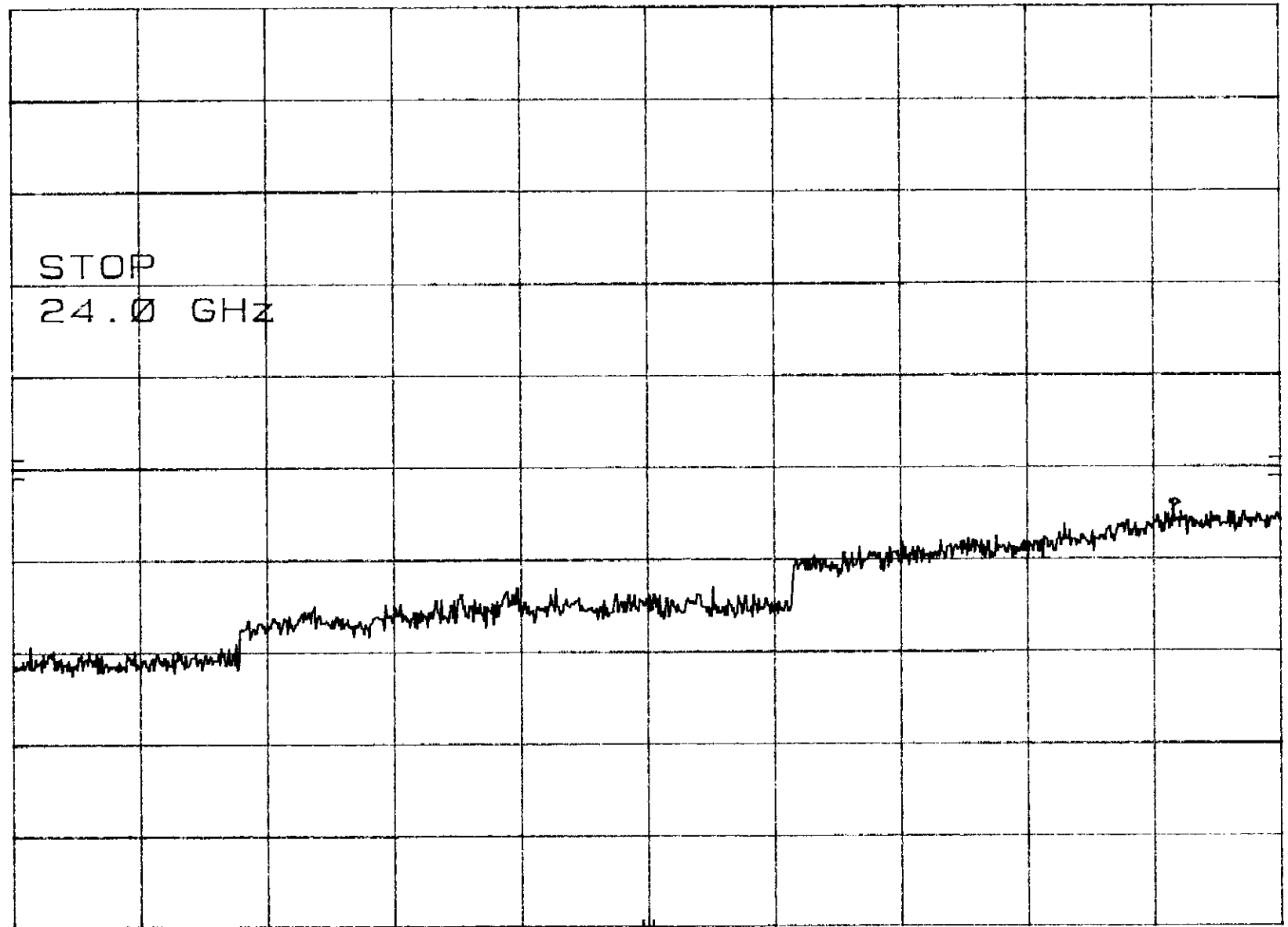
SWP 2.25 sec

Plot 4.c6

SYMBOL. 4121 HI-BAND
REF 10.0 dBm ATTEN 20 dB

MKR 22.82 GHz
-43.90 dBm

hp
10 dB/



START 10.0 GHz RES BW 100 KHZ VBW 100 KHZ STOP 24.0 GHz
SWP 4.20 sec

Plot 6.1

SYMBOL. 4121

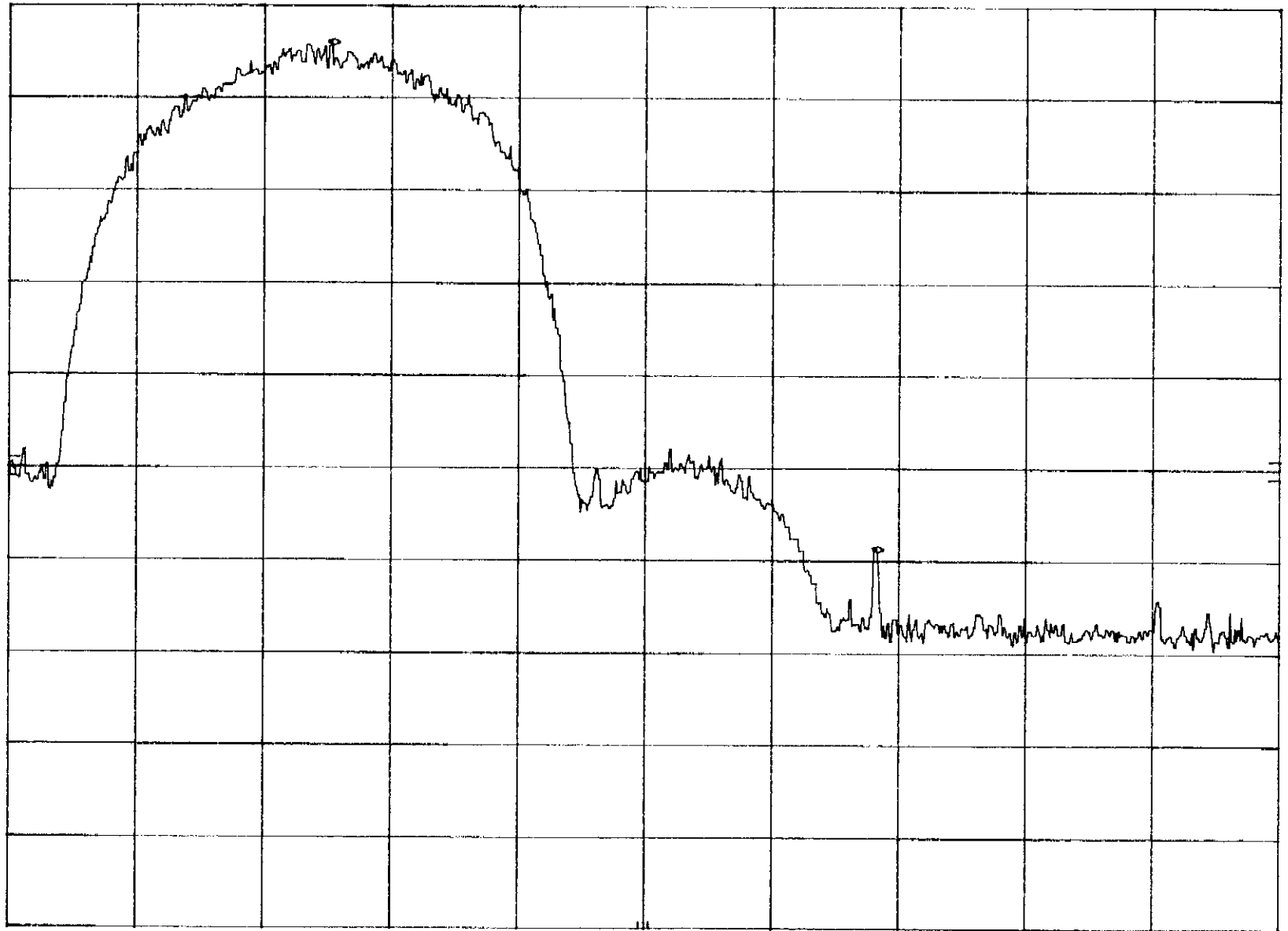
MKR Δ 21.45 MHz

hp REF 10.0 dBm

ATTEN 20 dB

-54.70 dB

10 dB/



START 2.4500 GHz

RES BW 100 kHz

VBW 100 kHz

STOP 2.5000 GHz

SWP 20.0 msec

Plot 6, 2

SYMBOL. 4121

MKR 2.484 10 GHz

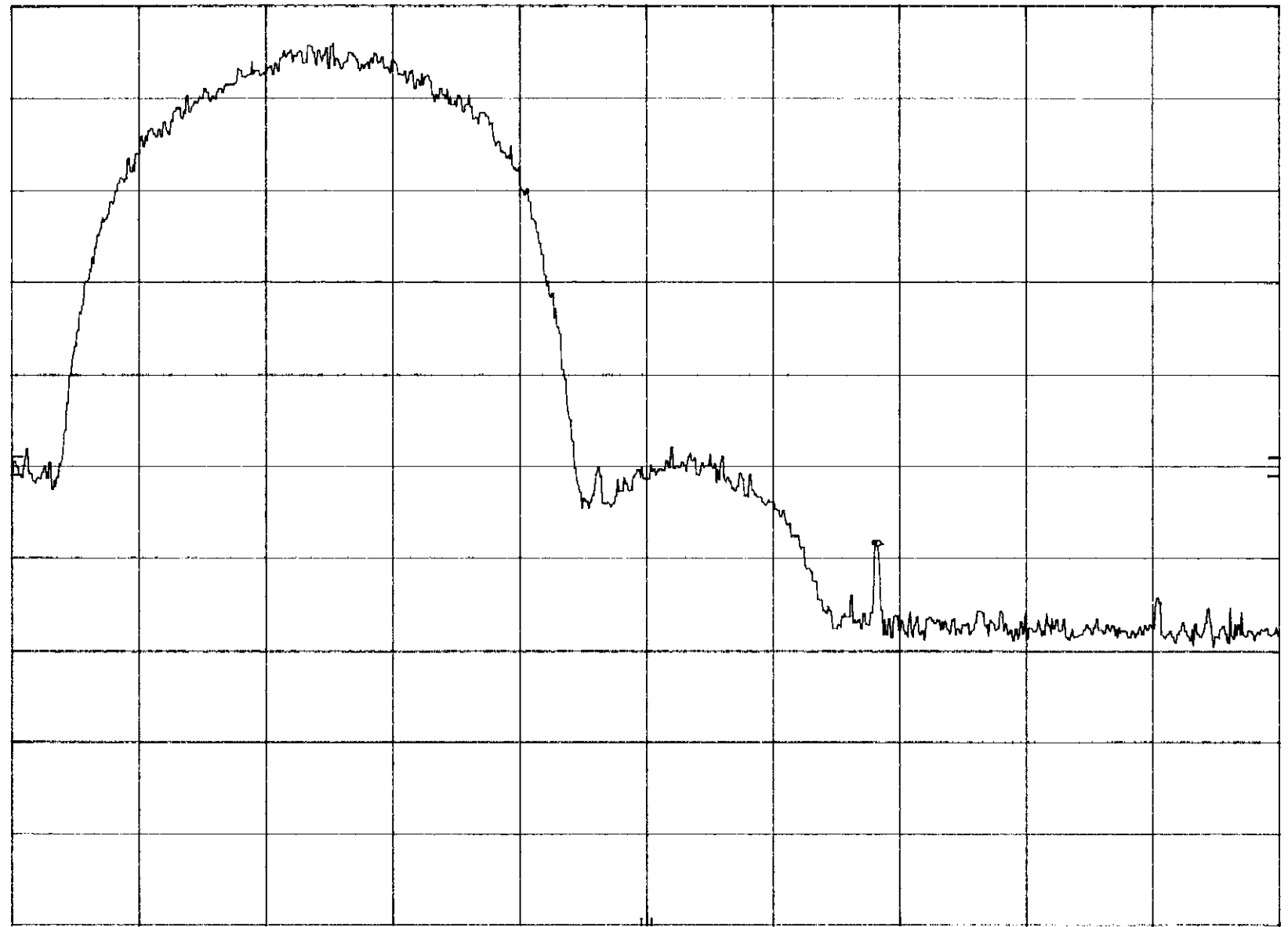
hp

REF 10.0 dBm

ATTEN 20 dB

-48.40 dBm

10 dB/



START 2.450 0 GHz

STOP 2.500 0 GHz

RES BW 100 KHz

VBW 100 KHz

SWP 20.0 msec

Plot 6.3

SYMBOL. 4121

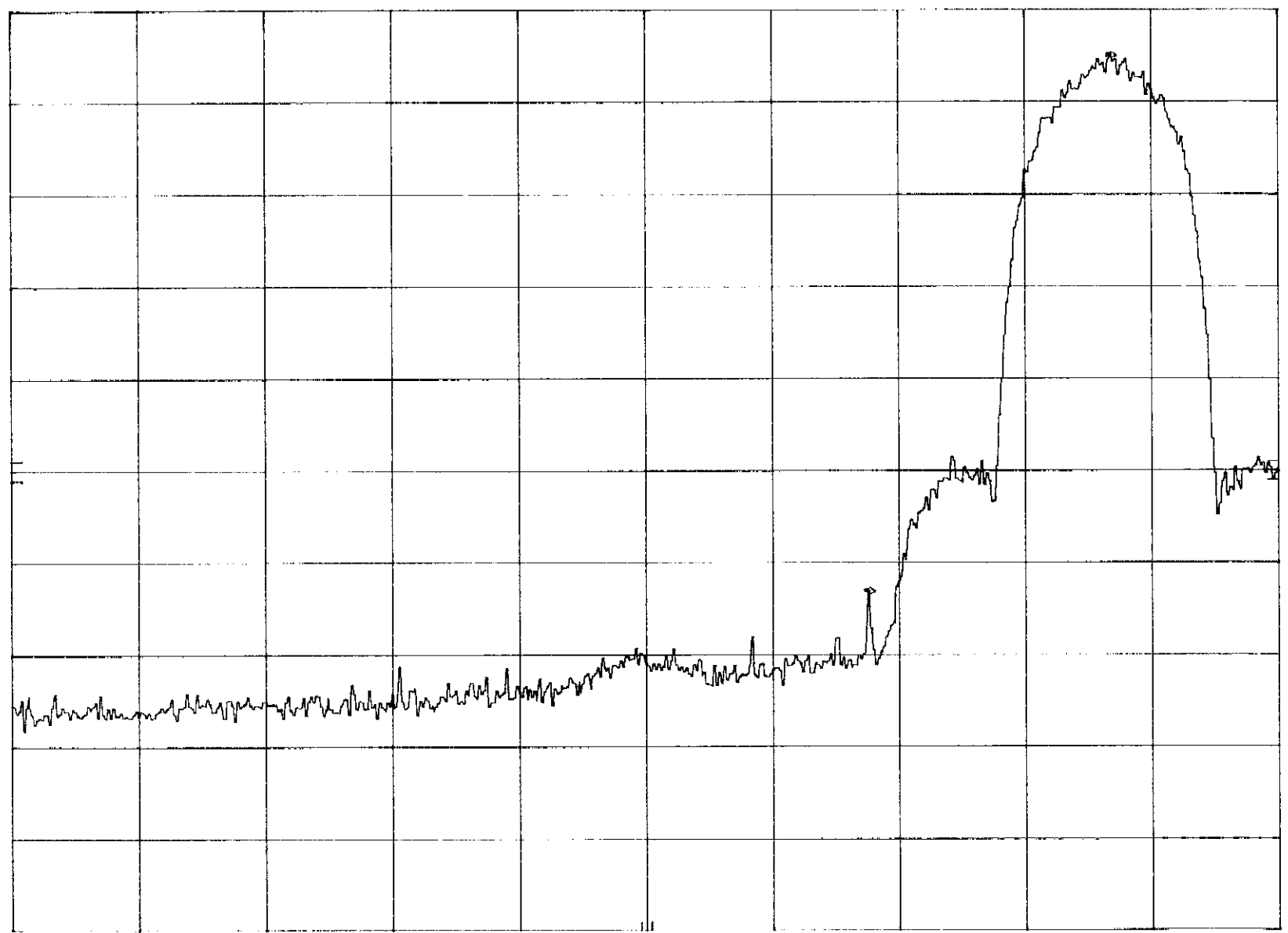
MKR Δ -22.6 MHz

REF 10.0 dBm

ATTEN 20 dB

-58.20 dB

hp
10 dB/



START 2.310 GHz

STOP 2.427 GHz

RES BW 100 KHz

VBW 100 KHz

SWP 35.4 msec

SYMBOL. 4121

Plot 6.4

MKR 2.389 8 GHz

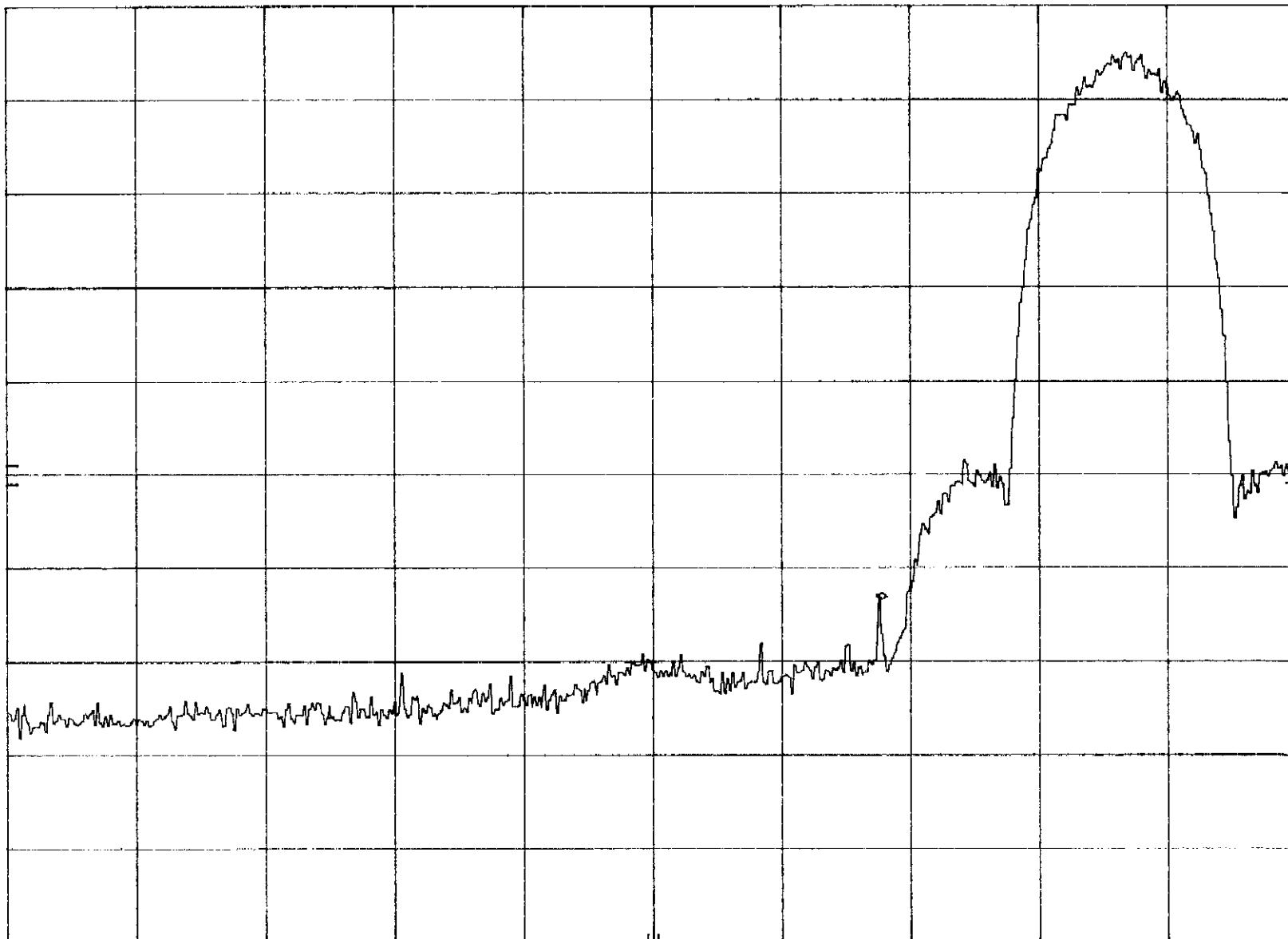
hp

REF 10.0 dBm

ATTEN 20 dB

-53.10 dBm

10 dB/



START 2.310 GHz

STOP 2.427 GHz

RES BW 100 KHz

VBW 100 KHz

SWP 35.4 msec