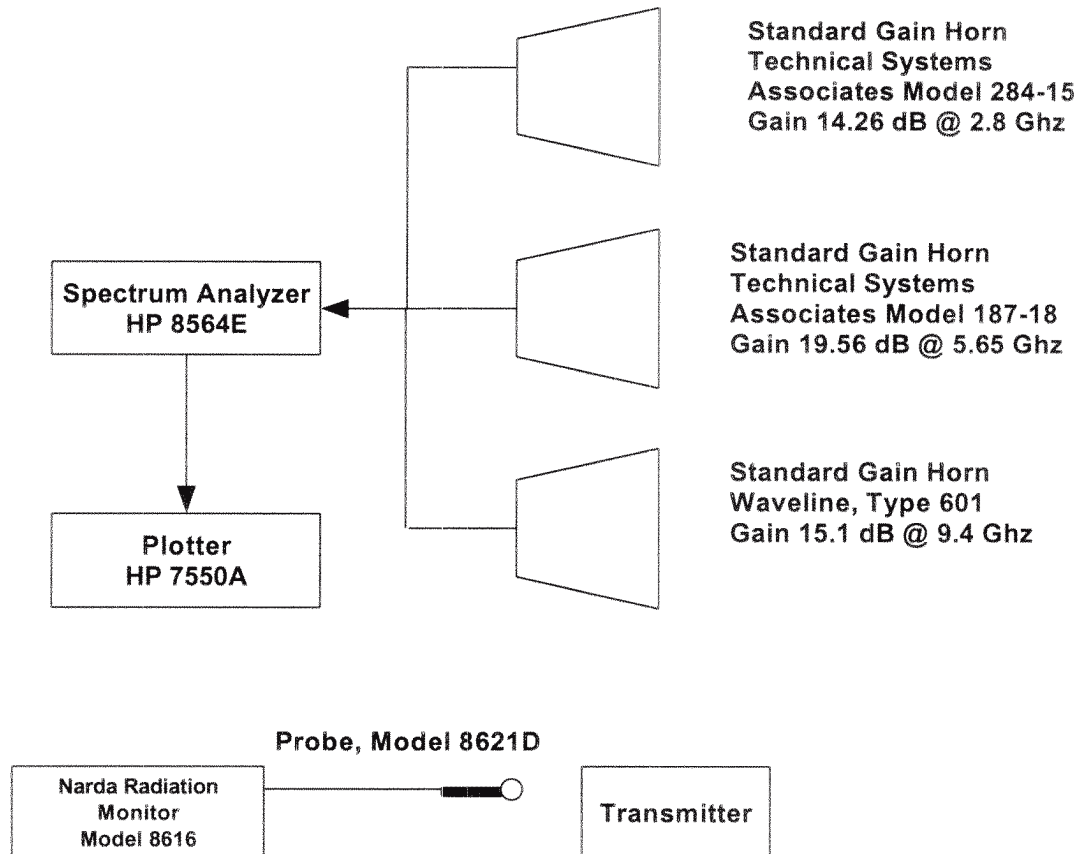


Test Setup for Spurious Radiation Field Strength



Measurements were made using each standard gain horn, as shown in the analyzer plot, probing around doors, panels, and cabinets. Highest readings were obtained at the hotbox door in front of the air filter. Measurements were taken with the transmitter at full power (250 kW peak), with the horn located three feet away, in front of the air filter.

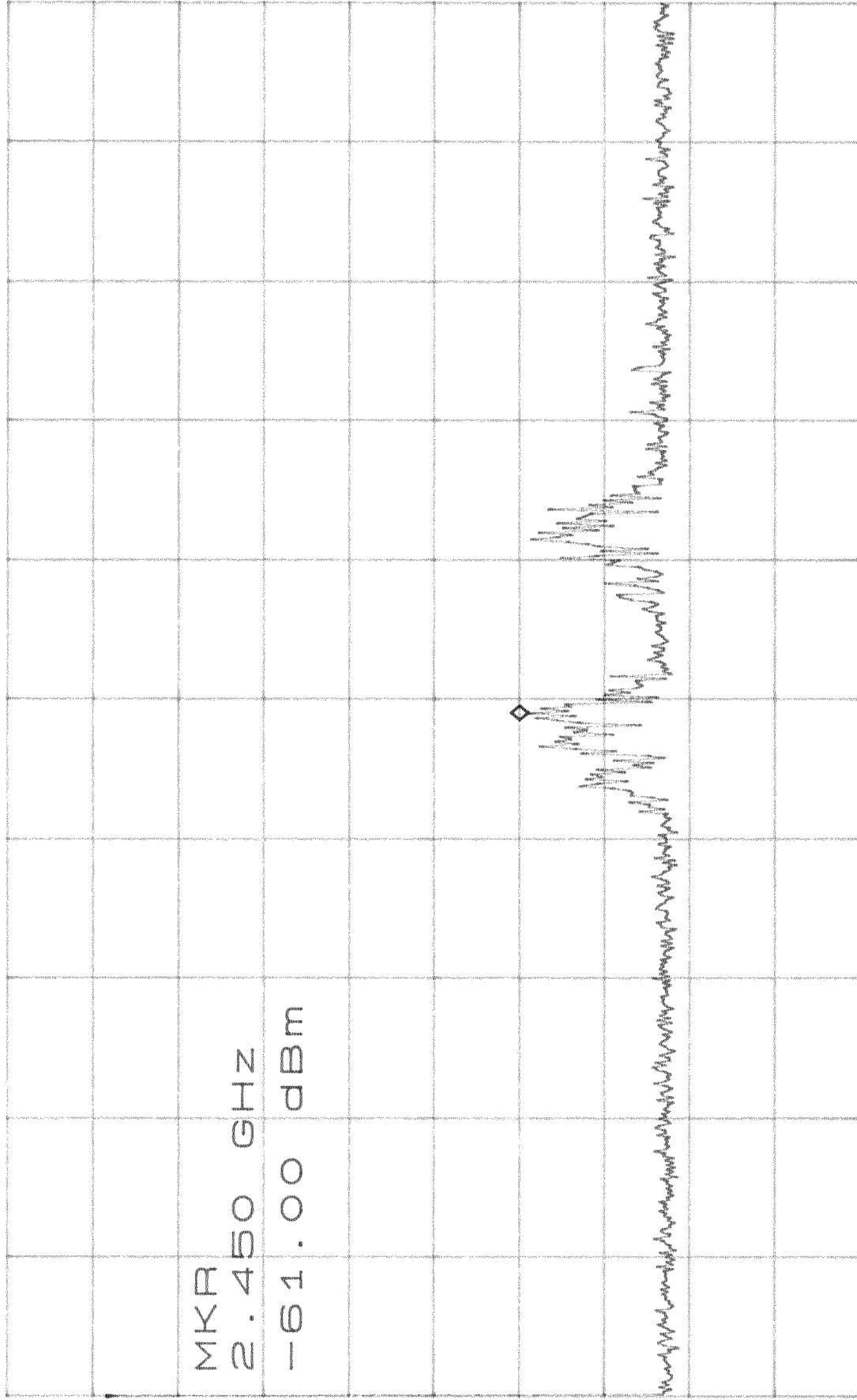
In addition, a Narda Electromagnetic Radiation Monitor (Model 8616) and isotropic probe (Model 8621D) were used to probe around the transmitter, cabinet doors, panels, etc. No readings were observed on the lowest scale (1 mw/cm squared).

ATTEN 10dB
RL 0dBm

MKR -61.00dBm
2.450GHz

10dB/

MKR
2.450 GHz
-61.00 dBm



START 0Hz
*RBW 100kHz
STOP 5.000GHz
*SWP 10.0sec
VBW 100kHz

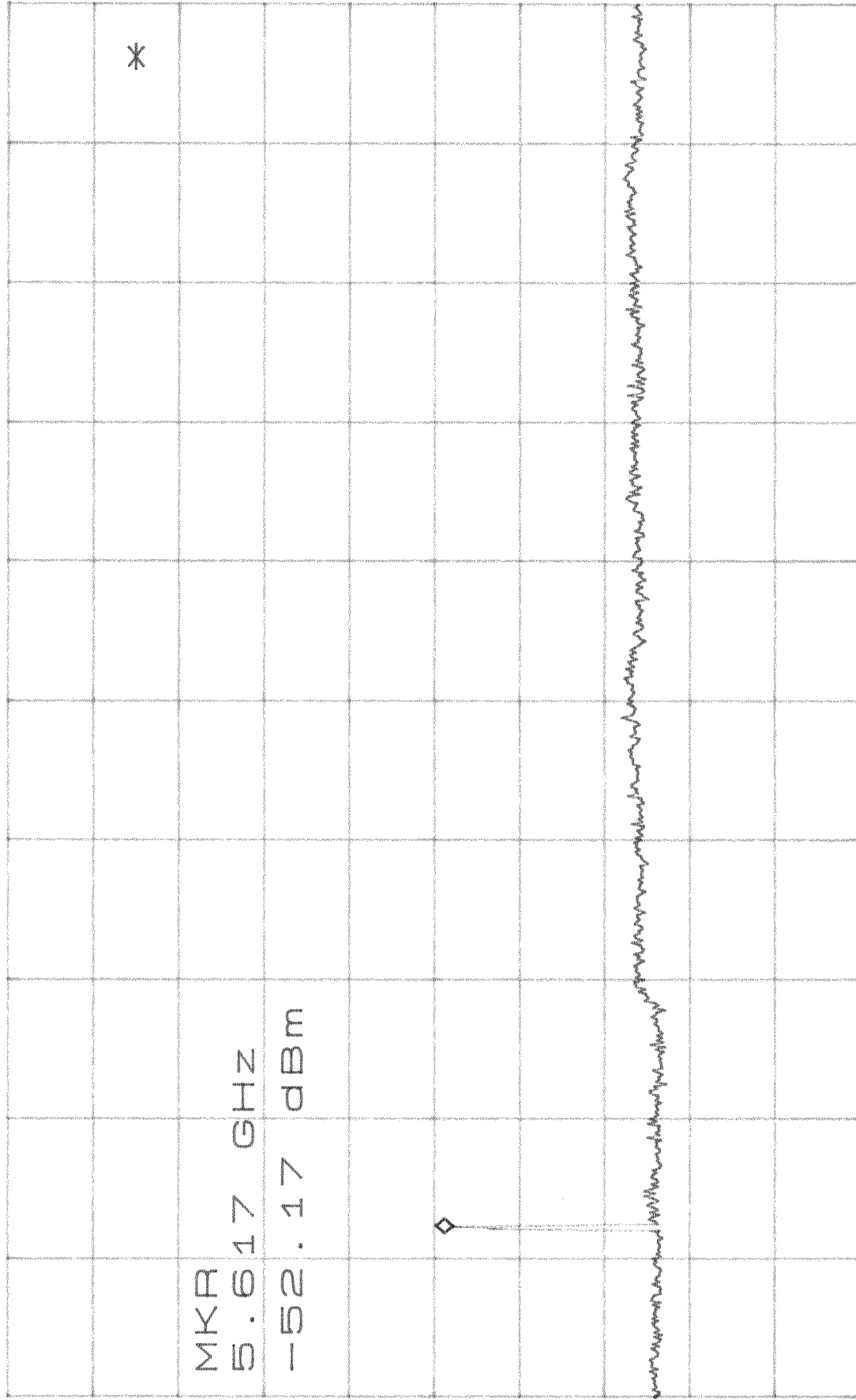
ATTEN 10dB

MKR -52.17dBm

RL 0dBm

10dB/

5.617GHz



START 5.000GHz

STOP 10.000GHz

*RBW 100KHz

VBW 100KHz

*SWP 10.0sec

ATTEN 10dB

RL 0dBm

CNT -51.33dBm

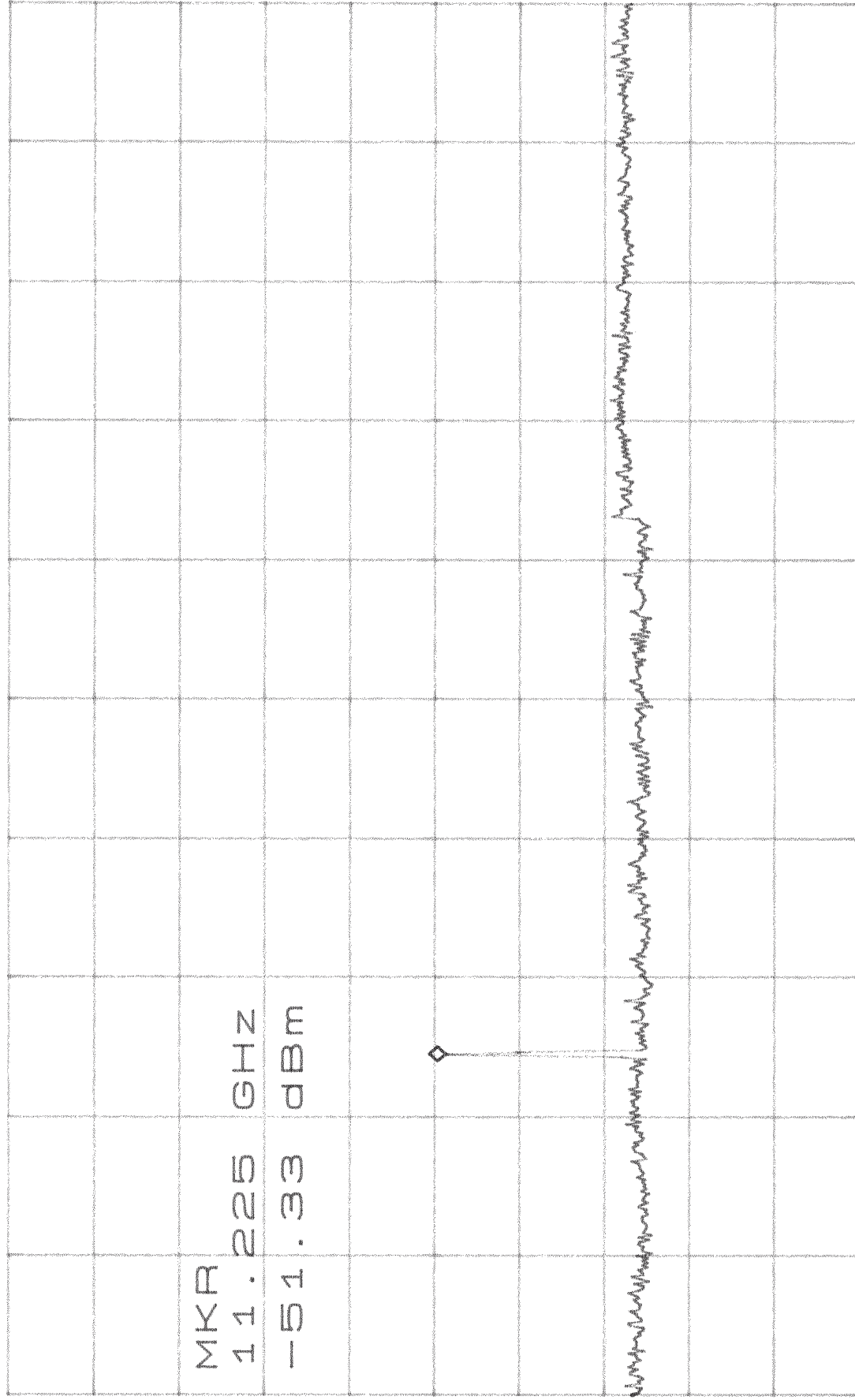
10dB/ 11.97599 GHz

MKR

11.225 GHz

-51.33 dBm

D



START 10.000GHZ

STOP 15.000GHZ

*RBW 100KHZ

VBW 100KHZ

*SWP 10.0sec

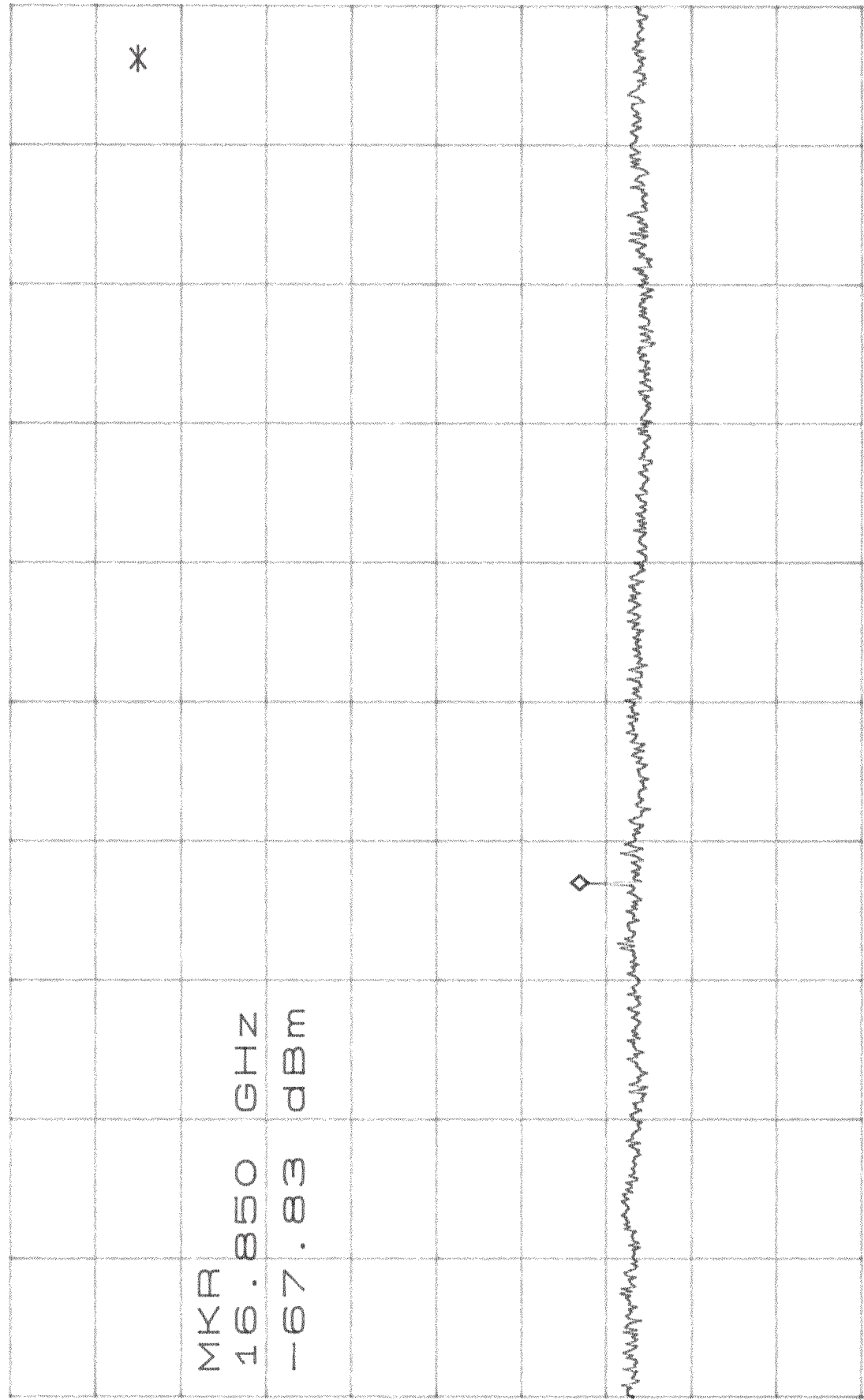
ATTEN 10dB

CNT -67.83dBm

RL 0dBm

10dB/

17.50001 GHz



START 15.000GHZ

STOP 20.000GHZ

*RBW 100KHZ

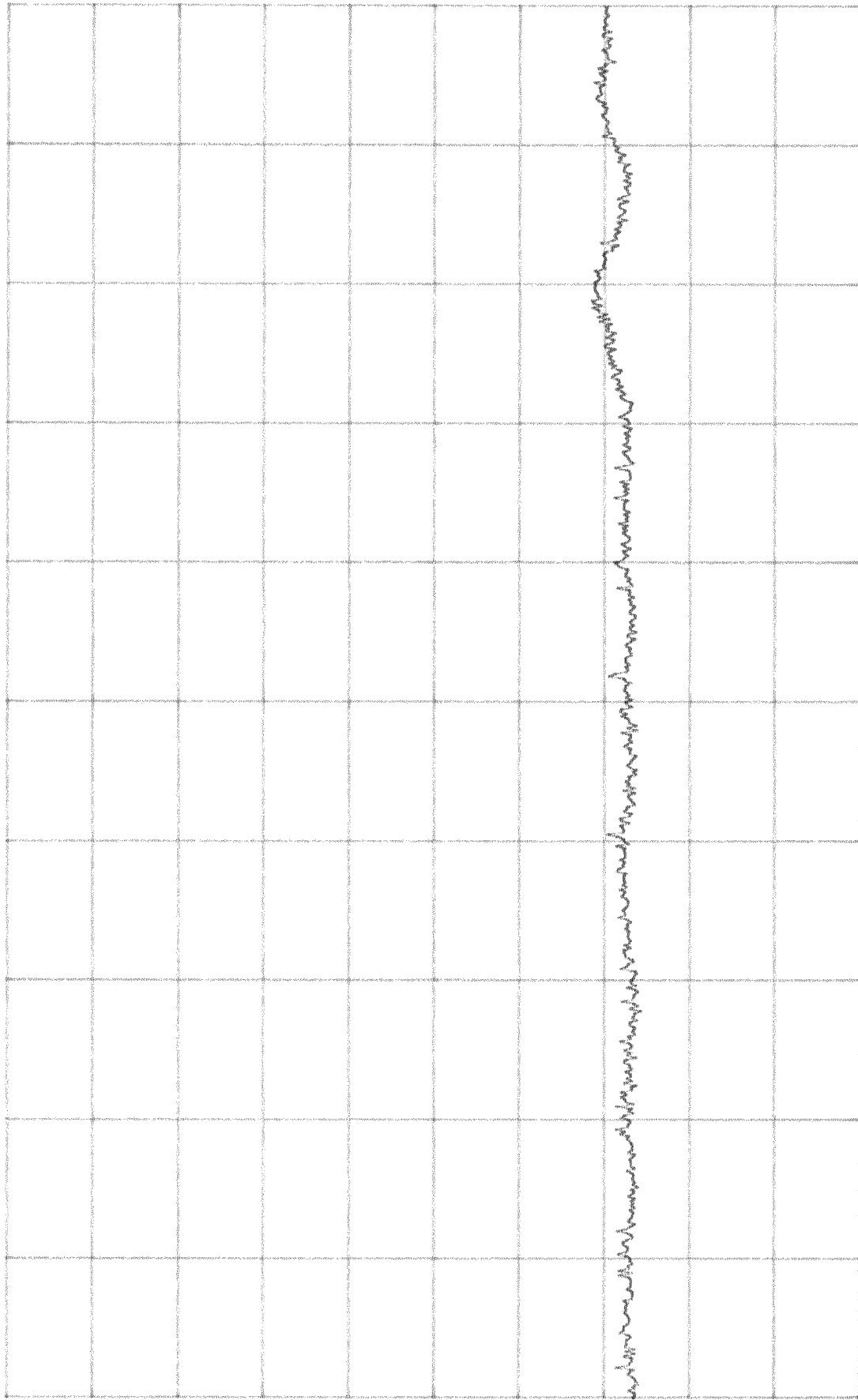
VBW 100KHZ

*SWP 10.0sec

ATTEN 10dB

RL 0dBm

10dB/



D

START 20.000GHZ

STOP 25.000GHZ

*RBW 100KHZ

VBW 100KHZ

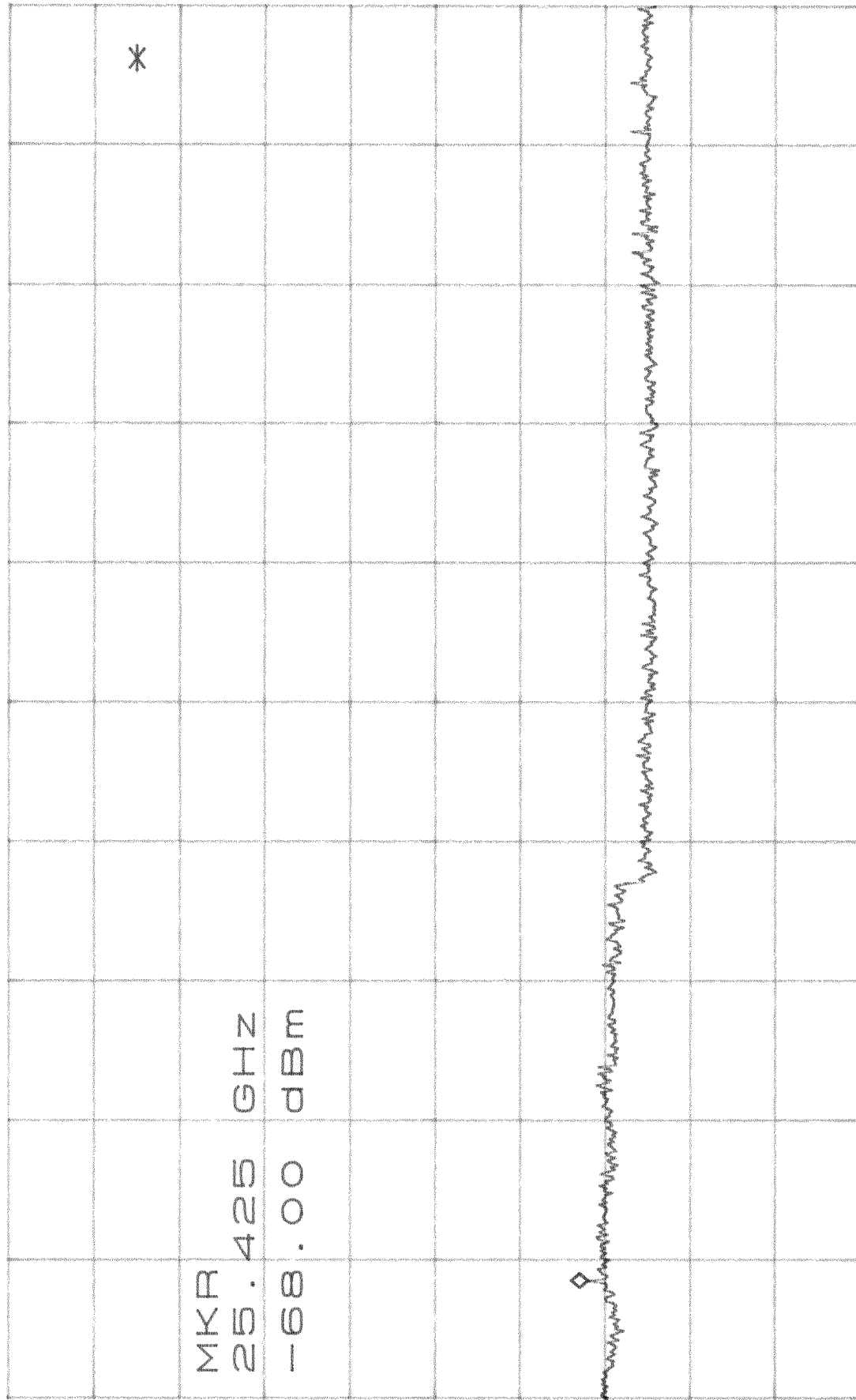
*SWP 10.0sec

ATTEN 10dB

RL 0dBm

CNT -68.00dBm

10dB/ 17.50001 GHz



START 25.000GHz

STOP 30.000GHz

*RBW 100KHz

VBW 100KHz

*SWP 10.0sec

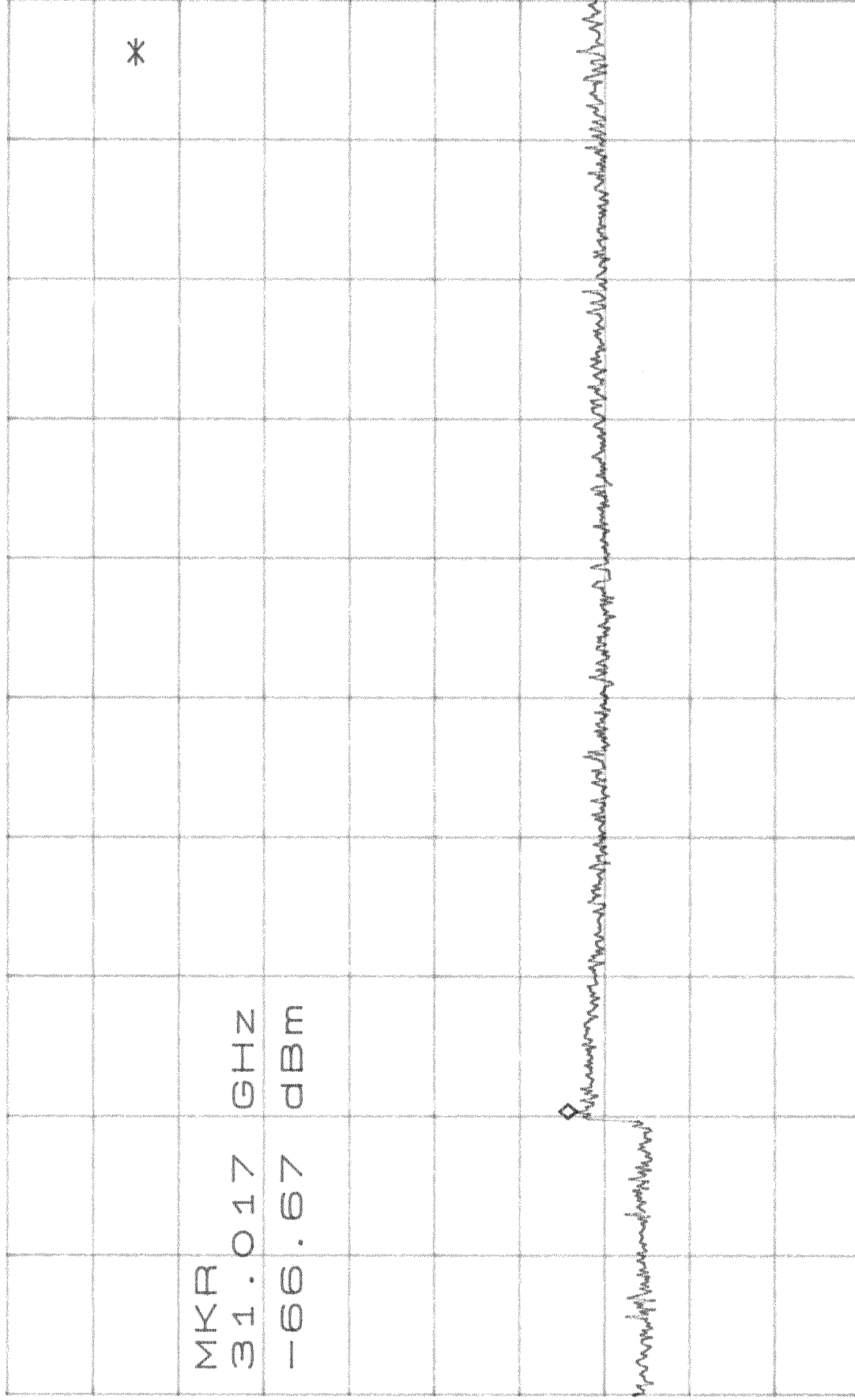
ATTEN 10dB

CNT -66.67dBm

RL 0dBm

10dB/

17.50001 GHz



START 30.000GHZ

STOP 35.000GHZ

*RBW 100KHZ

VBW 100KHZ

*SWP 10.0sec

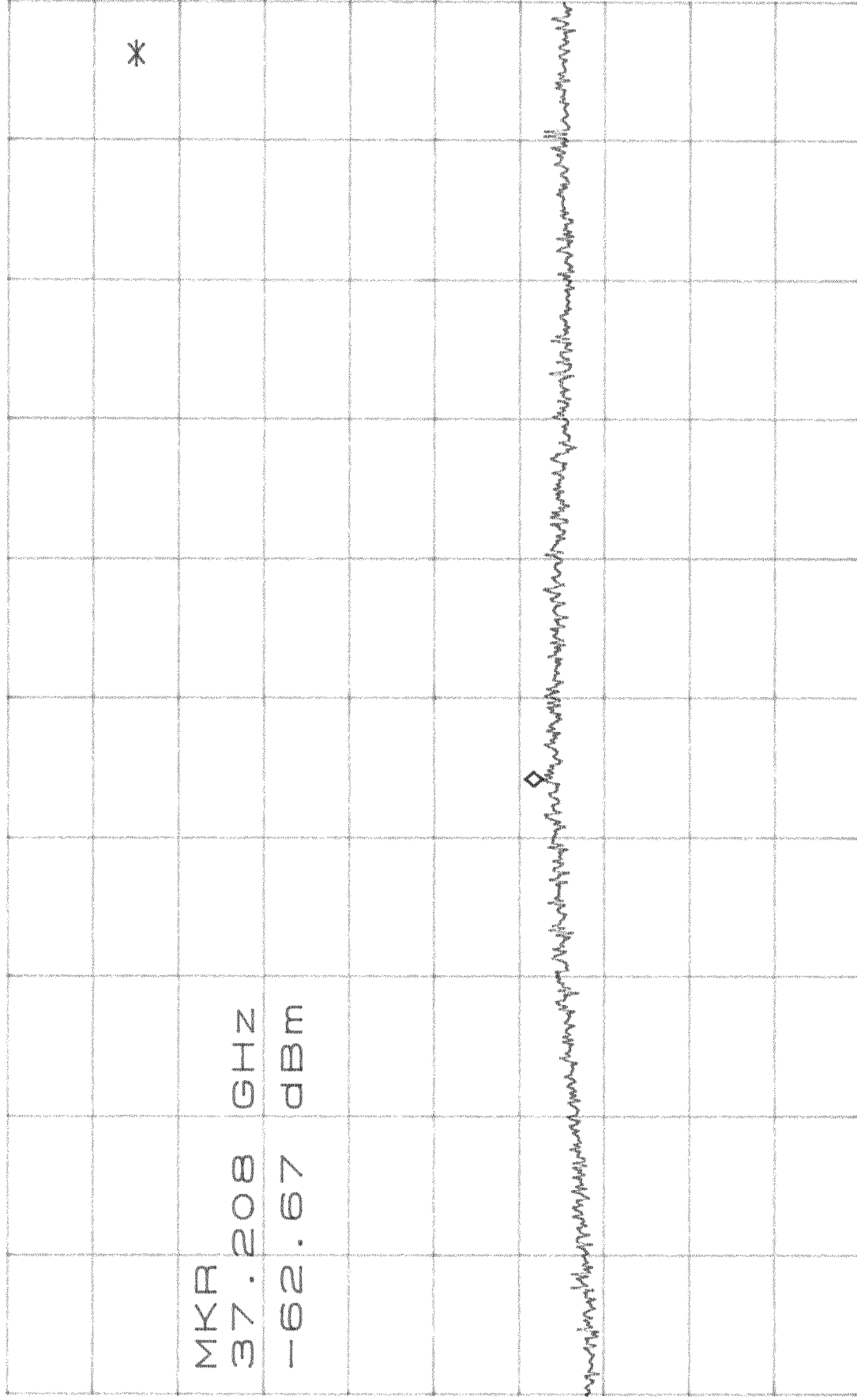
ATTEN 10dB

CNT -62.67dBm

RL 0dBm

10dB/

17.50001 GHz



MKR

37.208 GHz

-62.67 dBm

START 35.000GHz

STOP 40.000GHz

*RBW 100KHz

VBW 100KHz

*SWP 10.0sec