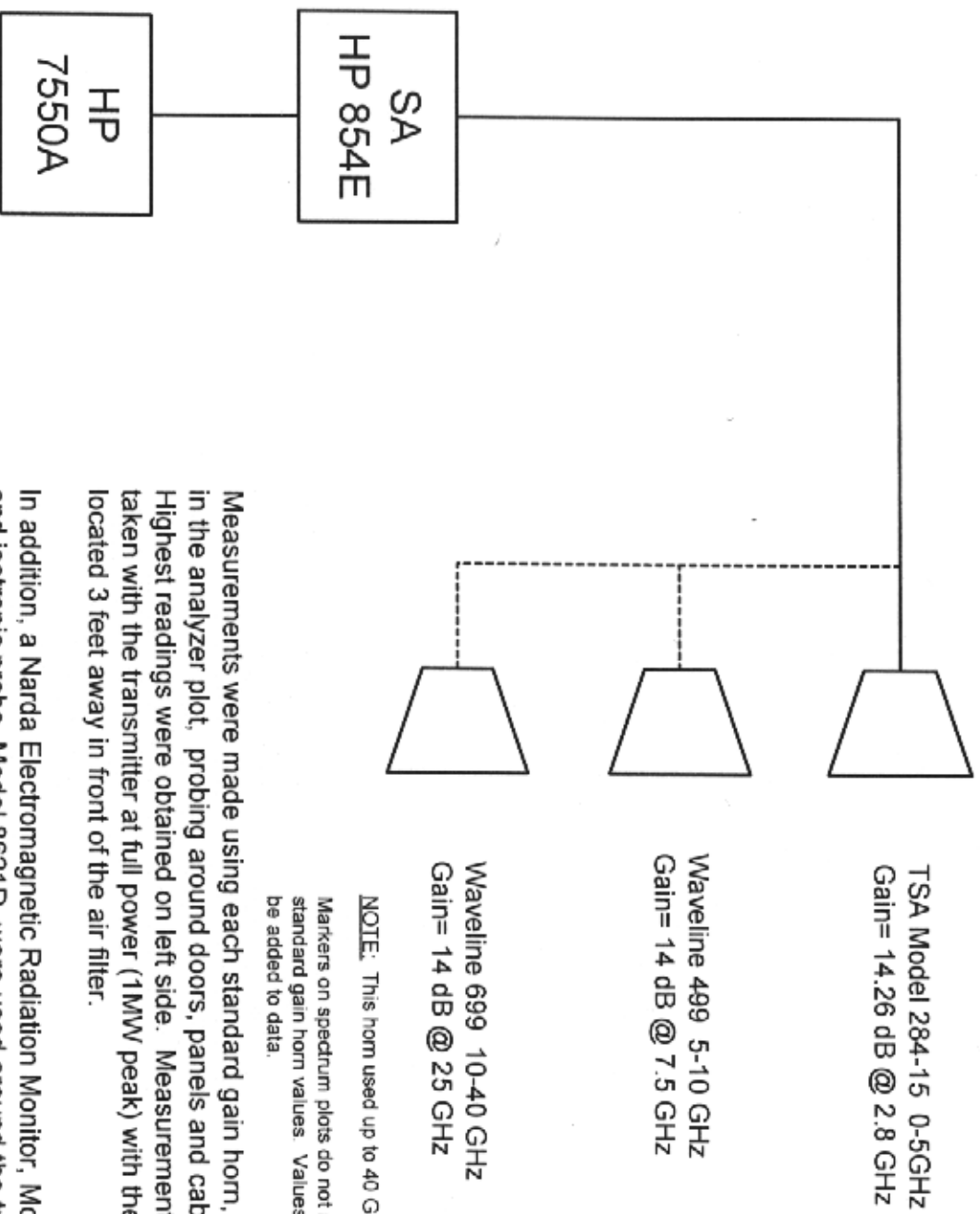


Test Setup for Field Strength of Spurious Radiation



Measurements were made using each standard gain horn, as shown in the analyzer plot, probing around doors, panels and cables. Highest readings were obtained on left side. Measurements were taken with the transmitter at full power (1MW peak) with the horn located 3 feet away in front of the air filter.

In addition, a Narda Electromagnetic Radiation Monitor, Model 8616 and isotropic probe, Model 8621D, were used around the transmitter cabinet doors, panels, etc. No readings were observed greater than 2mw/cm².

*ATTEN 0dB

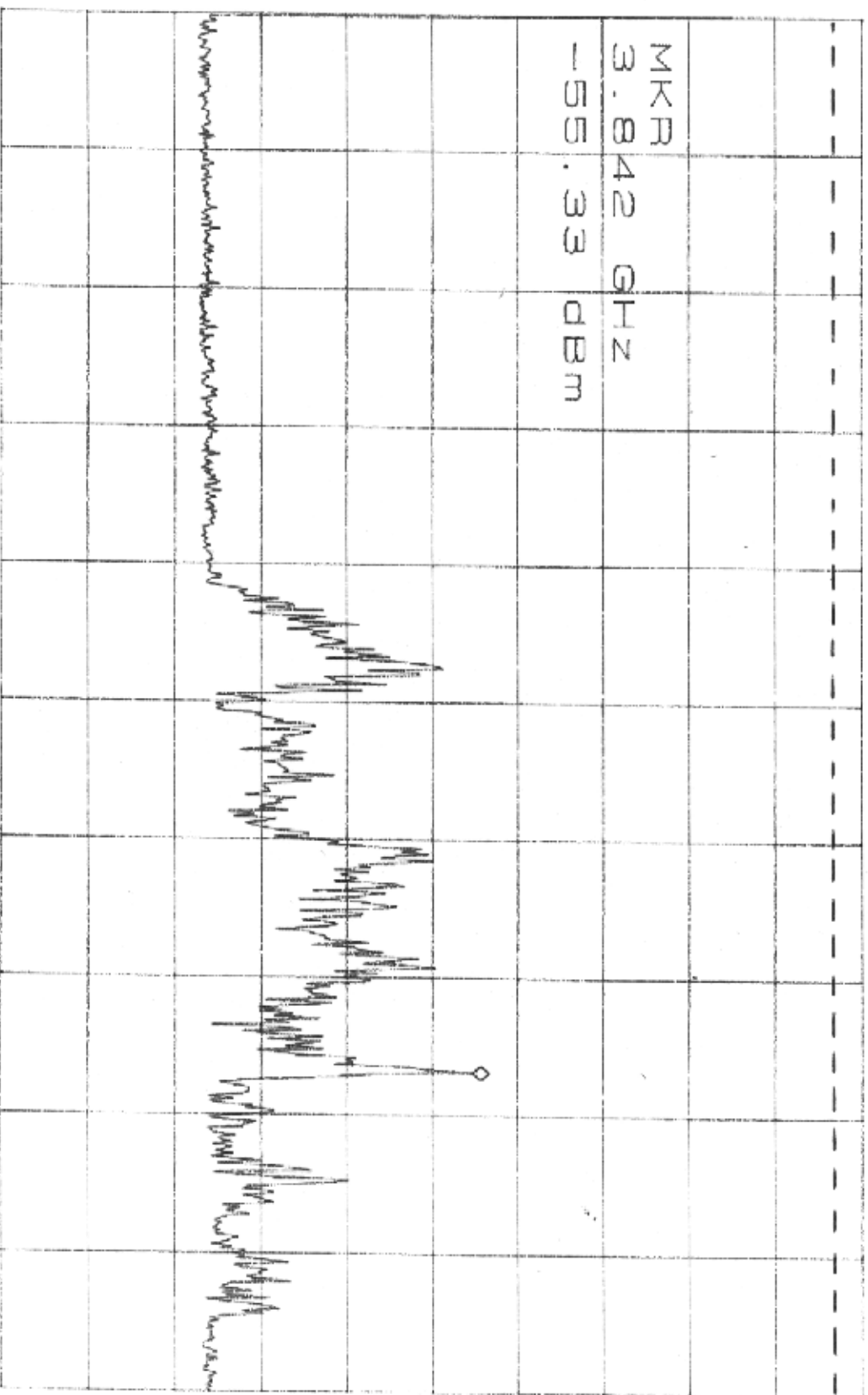
MKR -55.33dBm

RL -10.0dBm

10dB/

3.842GHz

-103dBc
Reference



T

MKR
3.842 GHz

-55.33 dBm

START OHZ

STOP 5.000GHz

*RBW 100kHz

VBW 100kHz

*SWP 10.0sec

*ATTEN 0dB

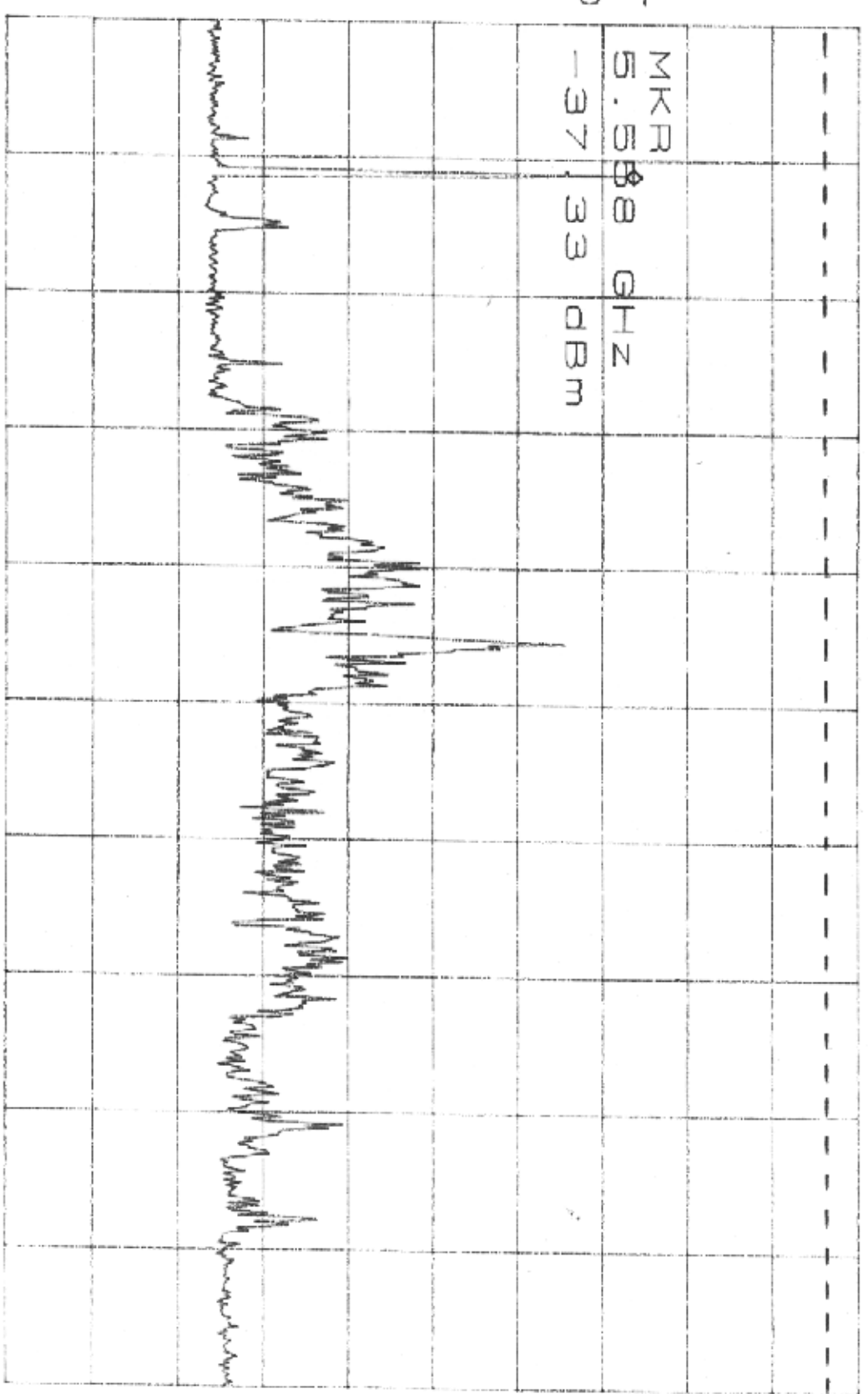
MKR -37.330dBm

RL -10.0dBm

10dB/

5.558GHz

-103dBc
Reference



START 5.000GHz

STOP 10.000GHz

*RBW 100kHz

VBW 100kHz

*SWP 10.0sec

*ATTEN 0dB

MKR -52.00dBm

RL -10.00dBm

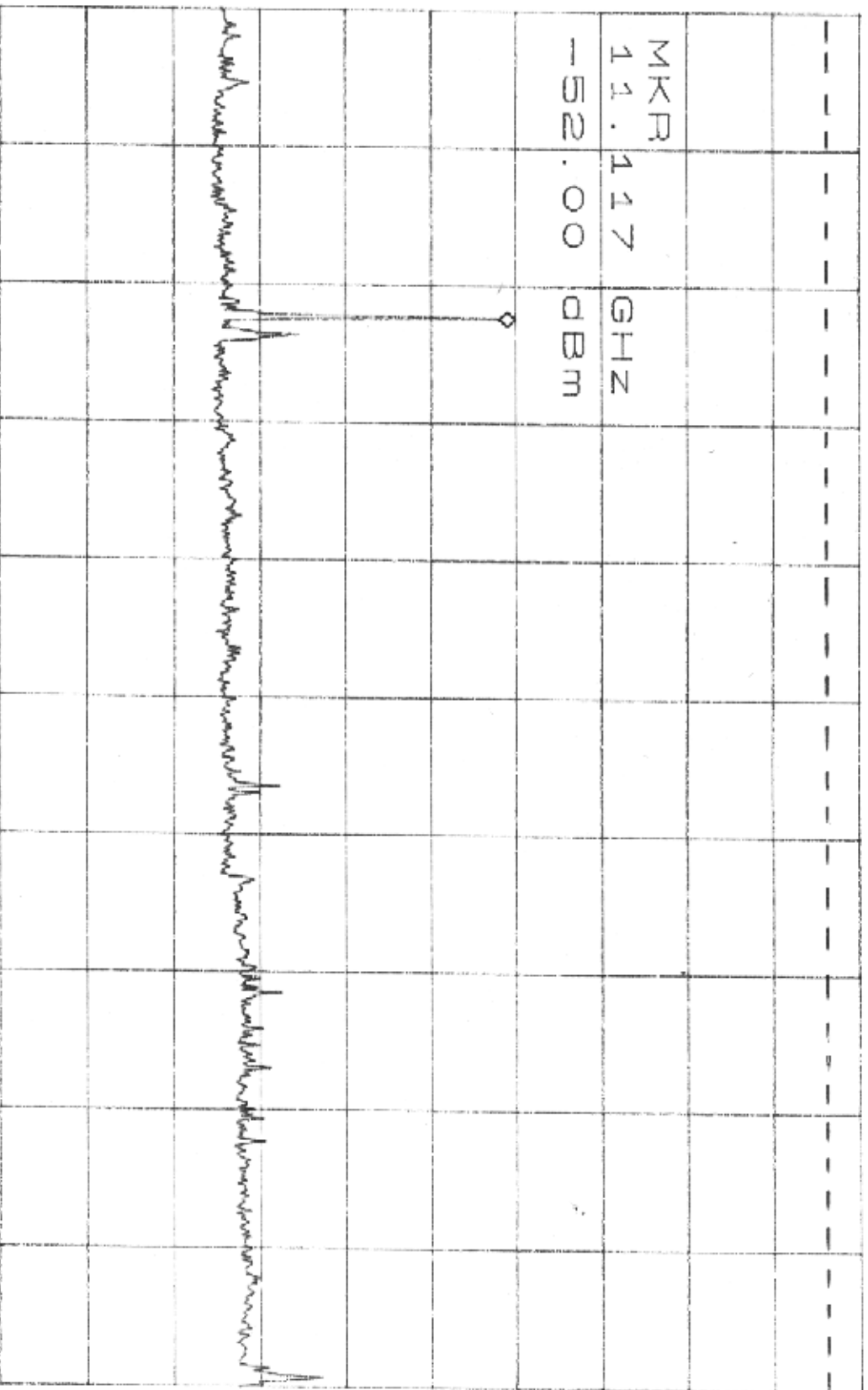
10dB/

11.117GHz

-103dBc
Reference

T
D

MKR	11.117	GHz
D	-52.00	dBm



START 10.000GHz

STOP 15.000GHz

*RBW 100kHz

VBW 100kHz

*SMP

10.0sec

*ATTEN 0DB

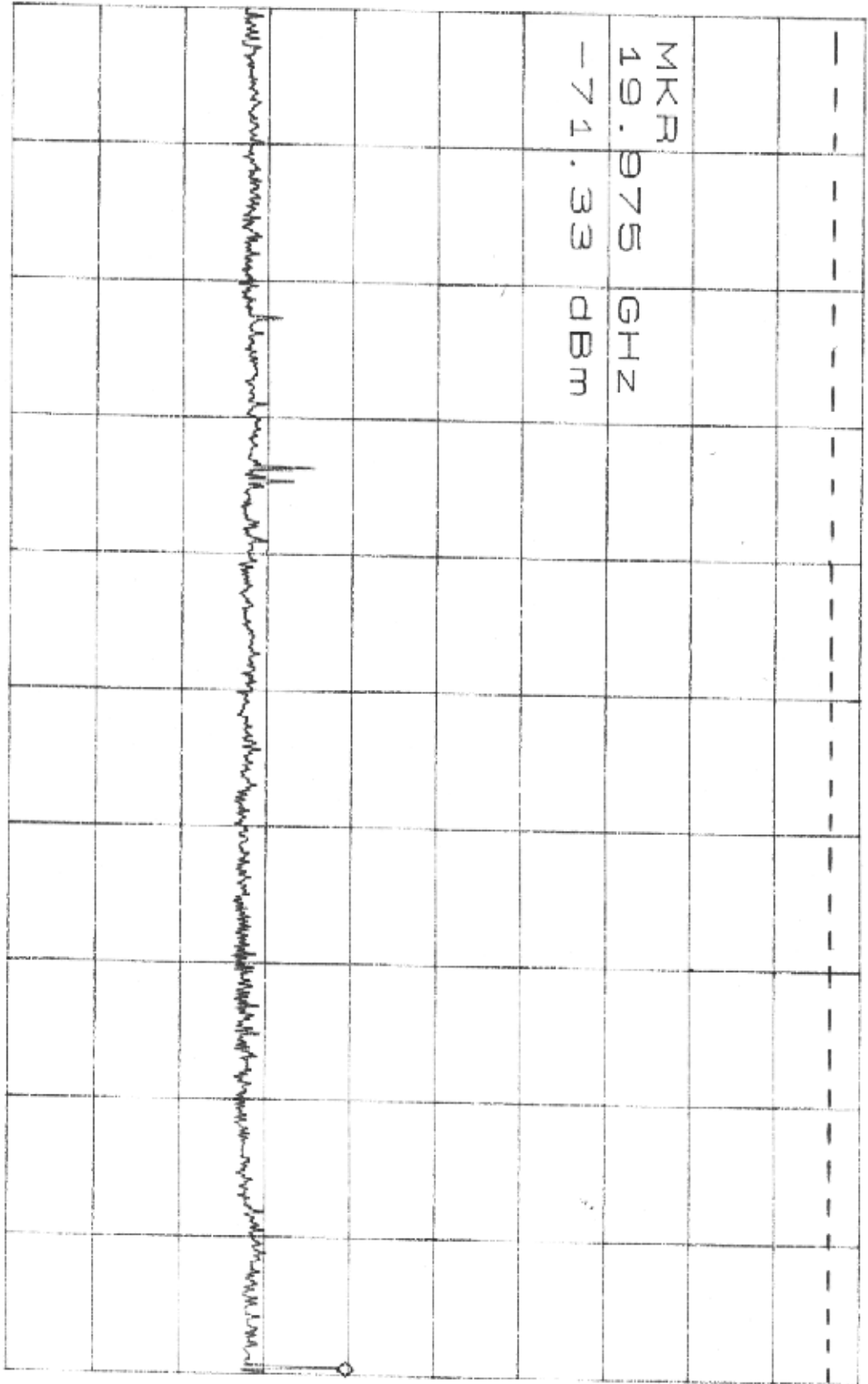
MKR -71.3300GHz

RL -10.00DBm

10DB/

19.9750GHz

-103.16c
Reference



T
D

MKR
19.975 GHz
-71.33 dBm

START 15.0000GHz

STOP 20.0000GHz

*RBW 100KHZ

VBW 100KHZ

*SMP 10.0SEC

*ATTEN 0dB

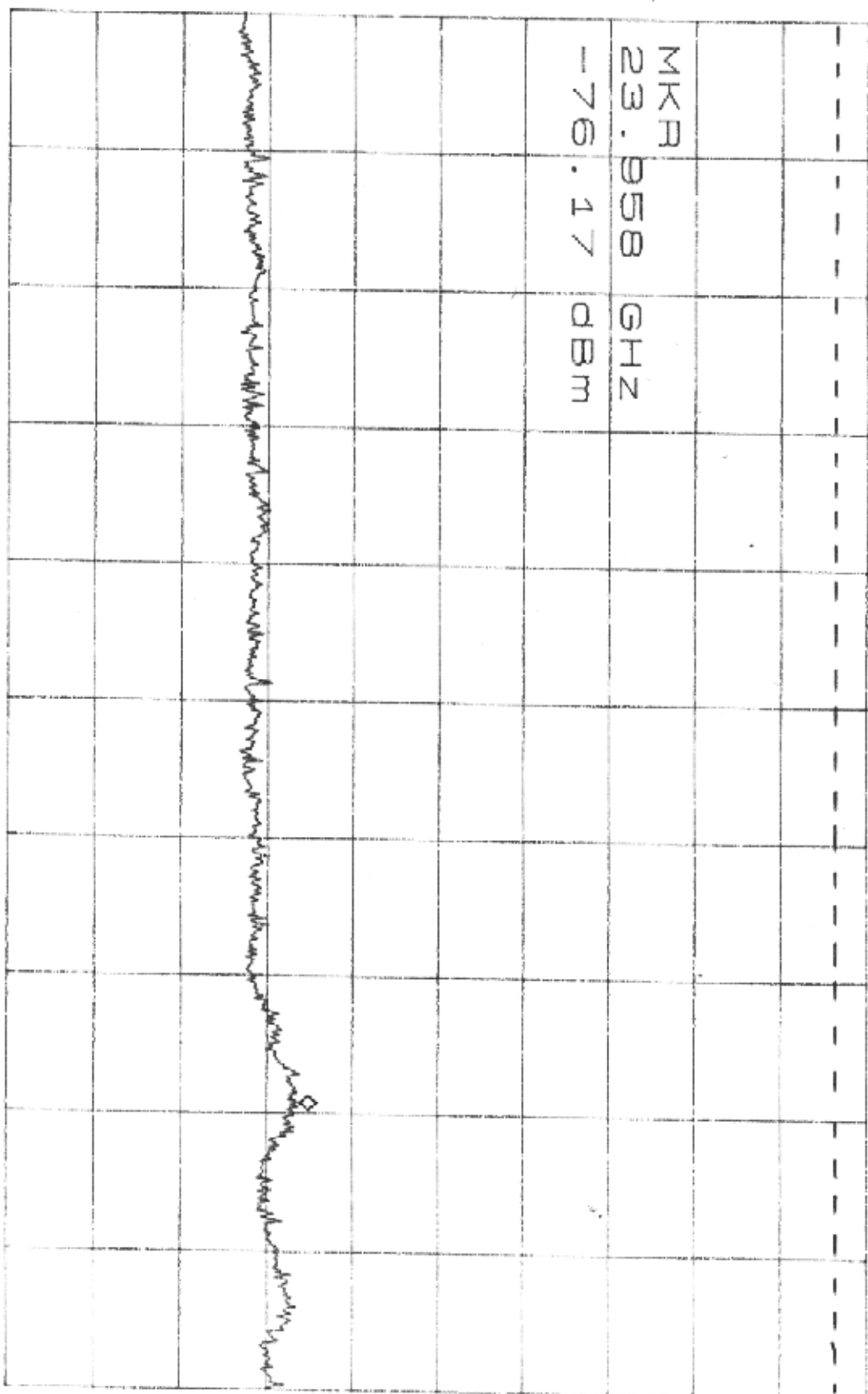
MKR -76.17dBm

RL -10.0dBm

10dB/

23.958GHz

-105dBc
reference



T

MKR
23.958 GHz
-76.17 dBm

START 20.000GHz

STOP 25.000GHz

*RBW 100kHz

VBW 100kHz

*SWP 10.0sec

*ATTEN 0dB

MKR -74.00dBm

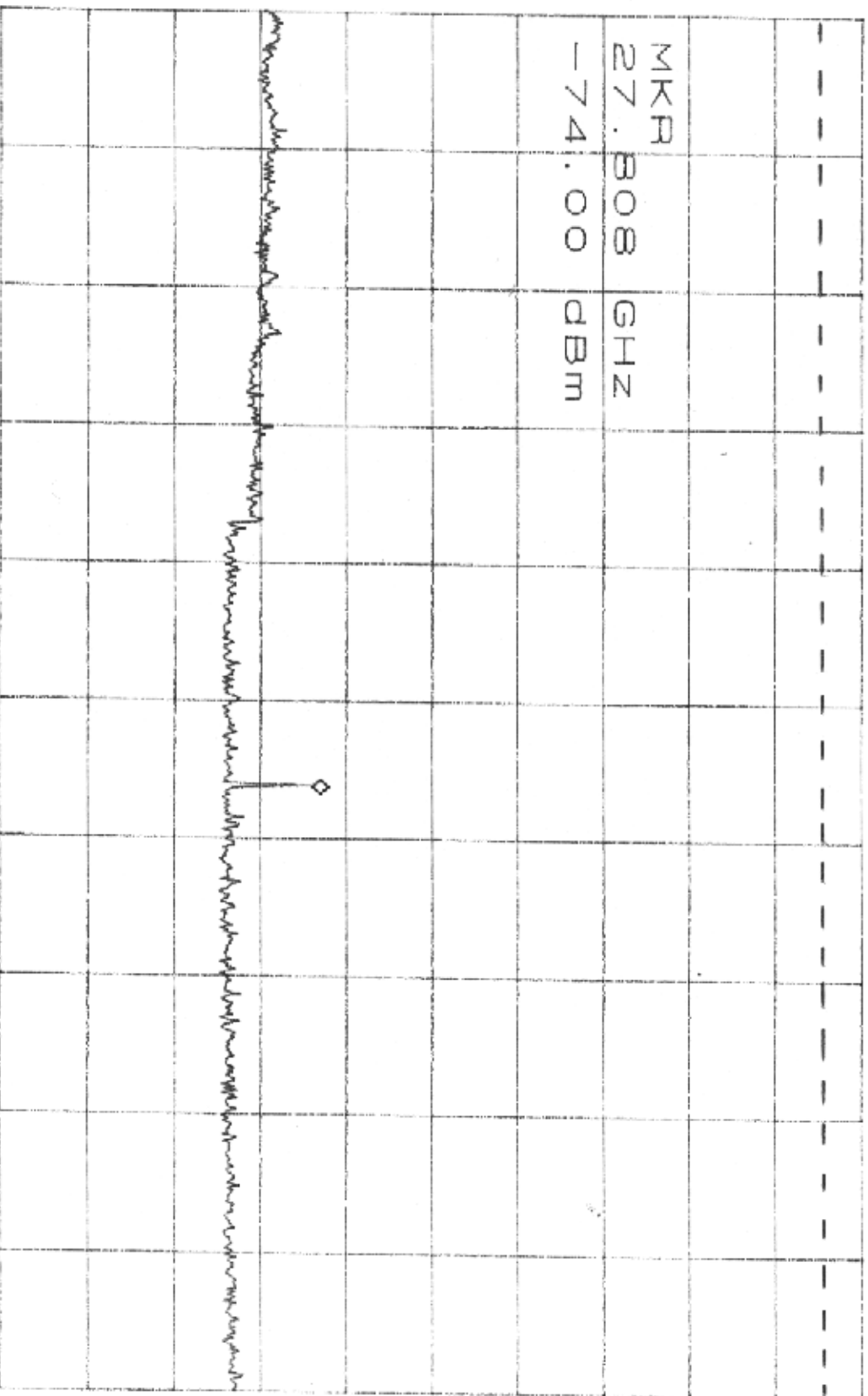
RL -10.00dBm

10dB/

27.808GHz

-103dBc
Reference

T	MKR	27.808	GHZ
D		-74.00	dBm



START 25.0000GHZ

STOP 30.0000GHZ

*RBW 100KHZ

VBW 100KHZ

*SWP 10.0sec

*ATTEN 0dB

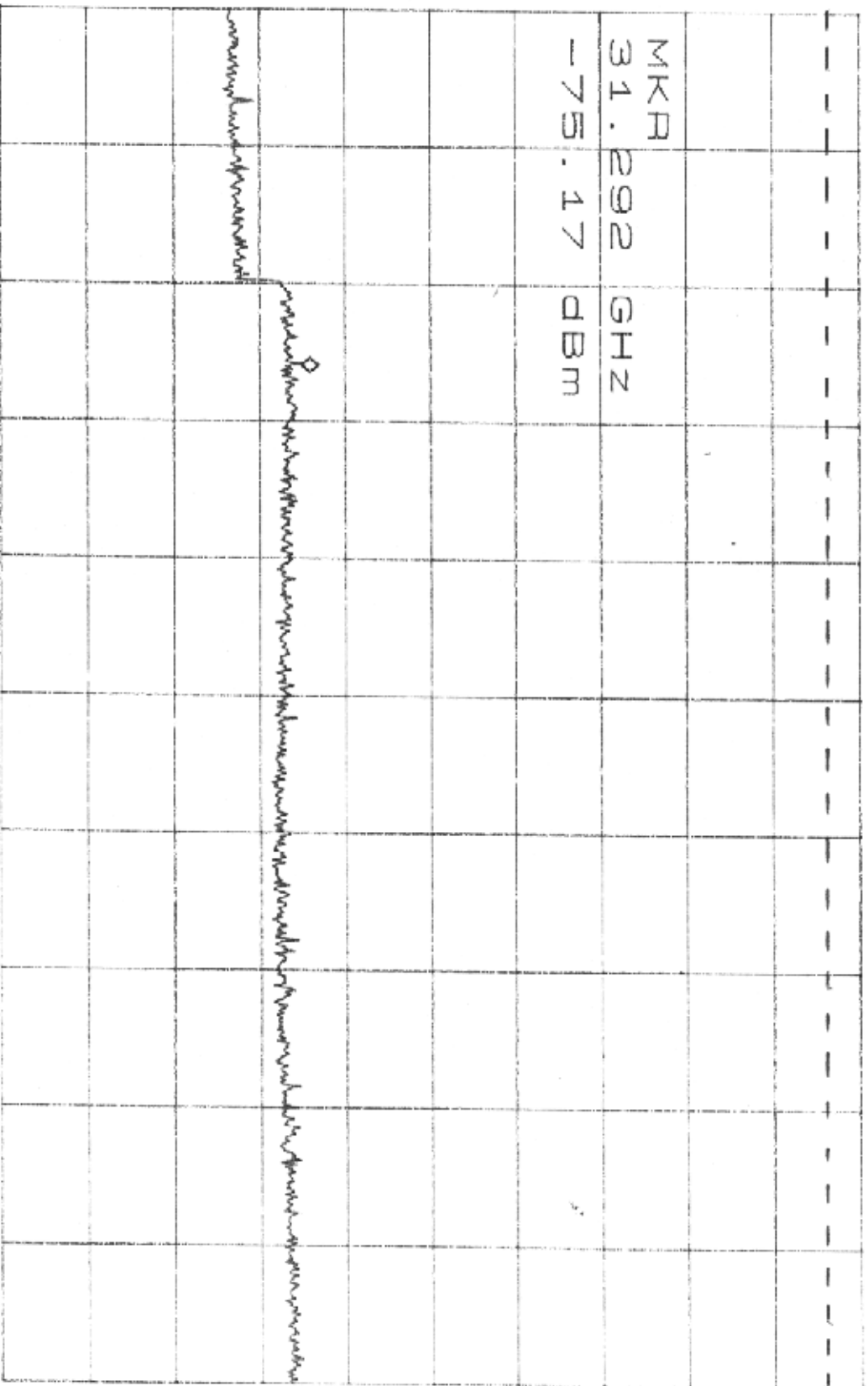
MKR -75.17dBm

RL -10.0dBm

10dB/

31.292GHz

-103dBc
Reference



START 30.000GHz

STOP 35.000GHz

*RBW 100kHz

VBW 100kHz

*SWP 10.0sec

*ATTEN 0dB

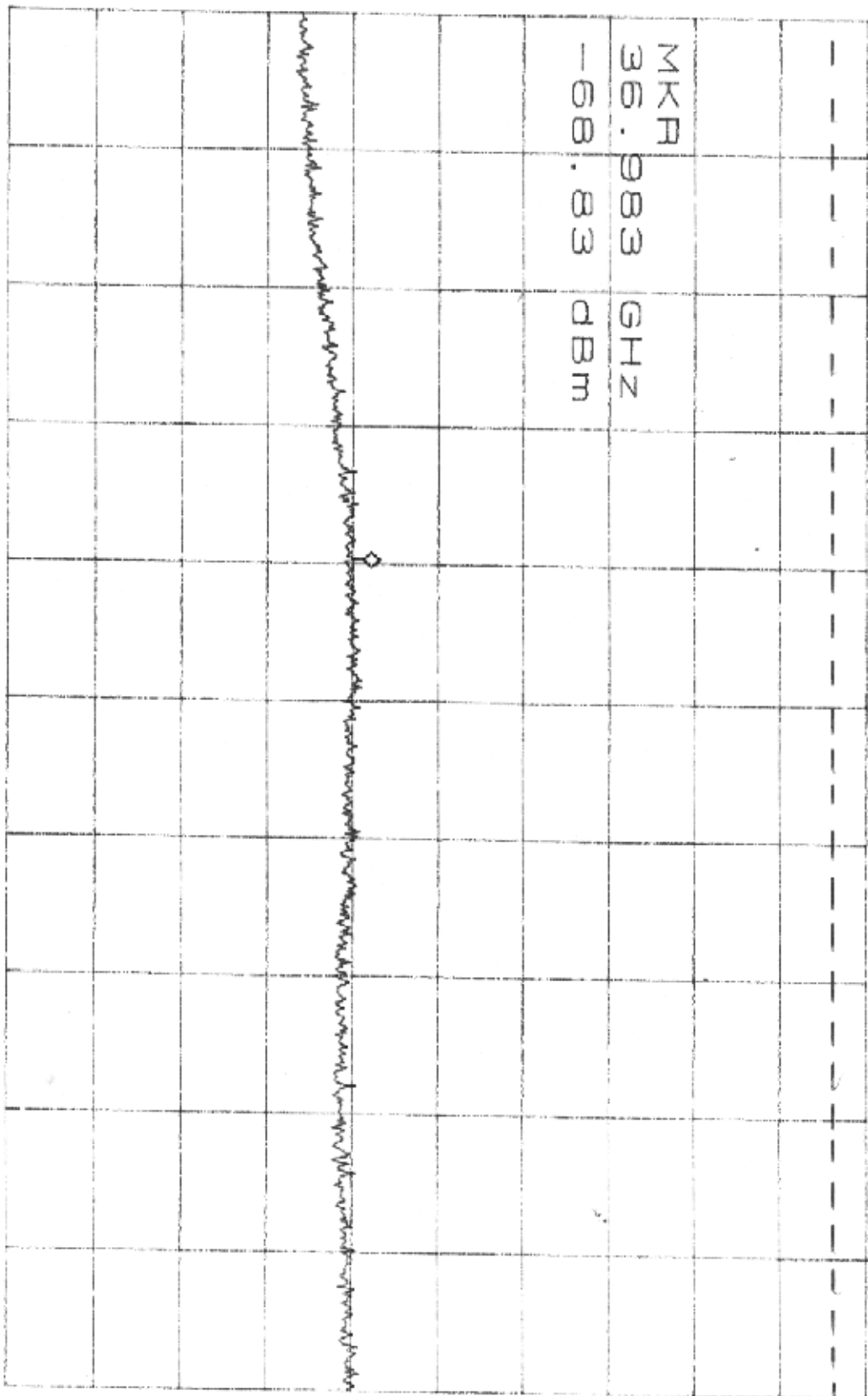
MKR -68.83dBm

PL -10.0dBm

10dB/

36.983GHz

-103dBc
Reference



T
MKR
36.983 GHz
-68.83 dBm

START 35.000GHz

STOP 40.000GHz

*RBW 100kHz VBW 100kHz *SWP 10.0sec