

BAND UTILIZATION

The data plots that follow this page have been taken using the following antenna(s)

Antenna Tested: **Cushcraft Model PC-2415N - 15 dBi Yagi**
Antennas Covered: **Cushcraft Model PC-2415N - 15 dBi Yagi**

*ATTEN 50DB

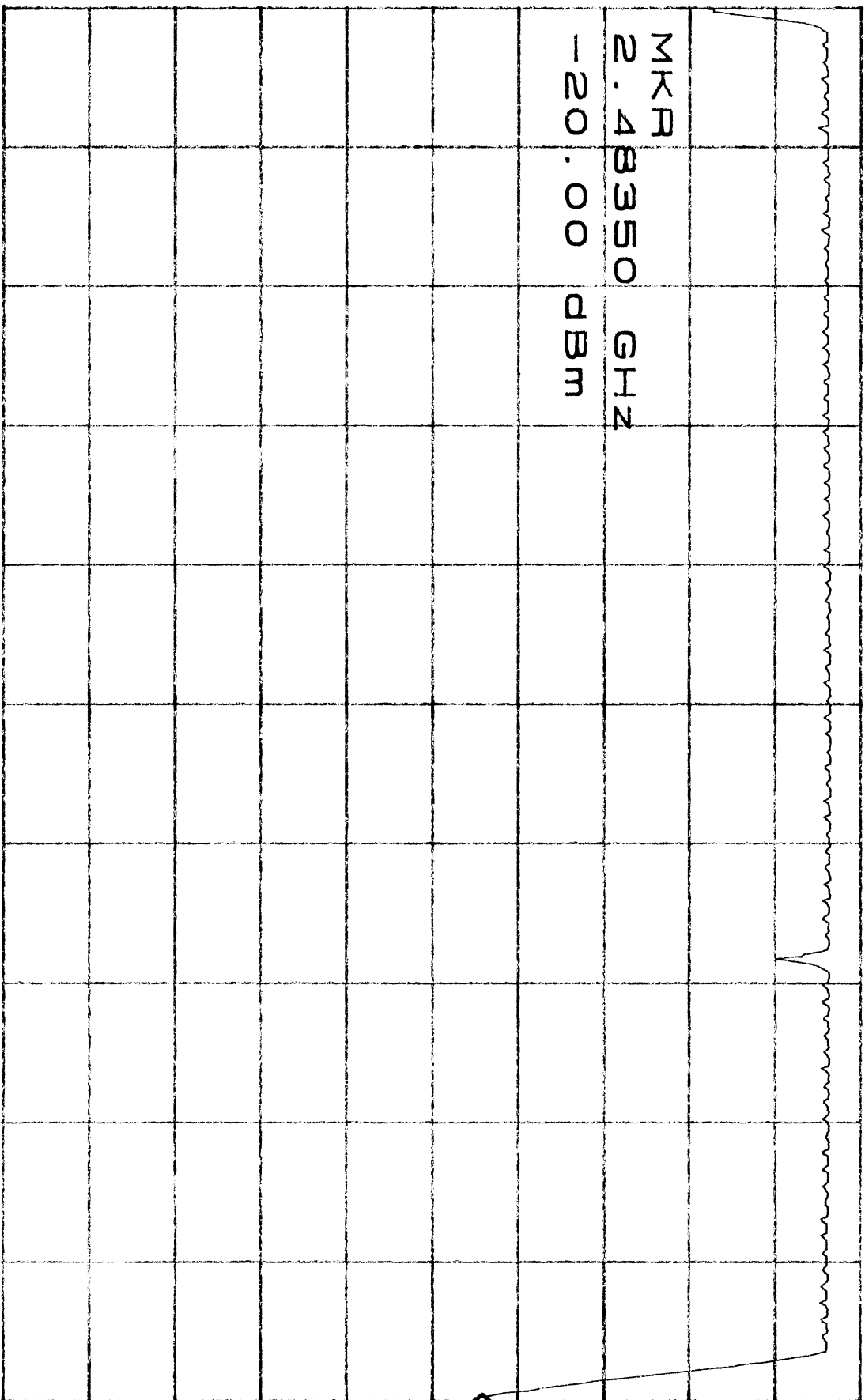
MKR 120.00DBM

RL 25.0DBM

10DB/

2.48350GHZ

D
-20.00 DBM



START 2.40000GHZ

STOP 2.48350GHZ

*RBW 1.0MHZ

*VBM 1.0MHZ

*SWP 50ms

The data plots that follow this page have been taken using the following antenna(s)

Antenna Tested: Cushcraft Model S2403 - 3 dBi Omnidirectional
Antennas Covered: Cushcraft Model S2403 - 3 dBi Omnidirectional
Cushcraft Model S2400 - 0 dBi Omnidirectional

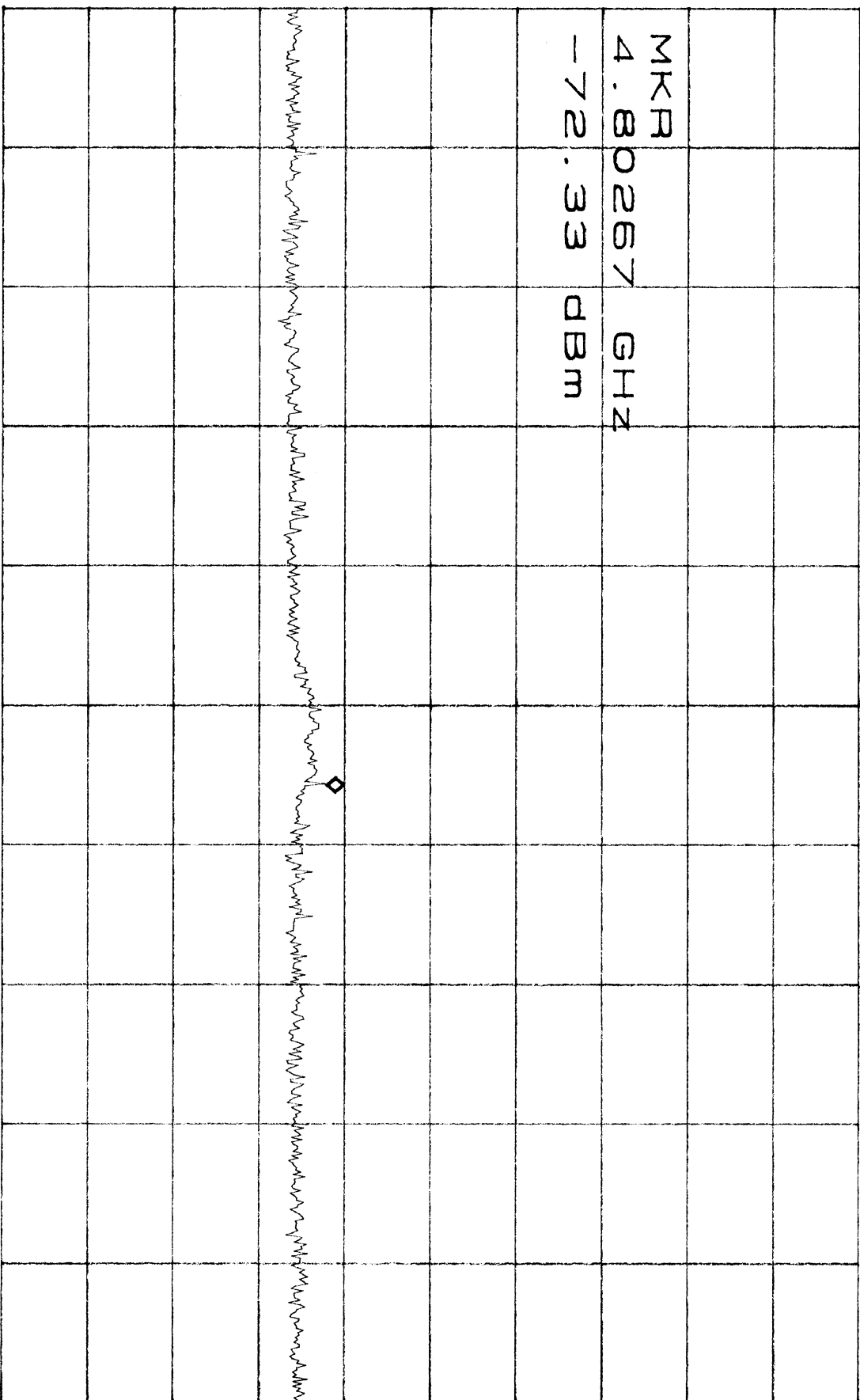
*ATTEN 0dB

MKR -72.33dBm

RL -10.0dBm

10dB/

4.80267GHz



CENTER 4.80153GHz

SPAN 20.00MHz

*RBW 1.0MHz *VBW 1.0MHz

*SWP 50ms

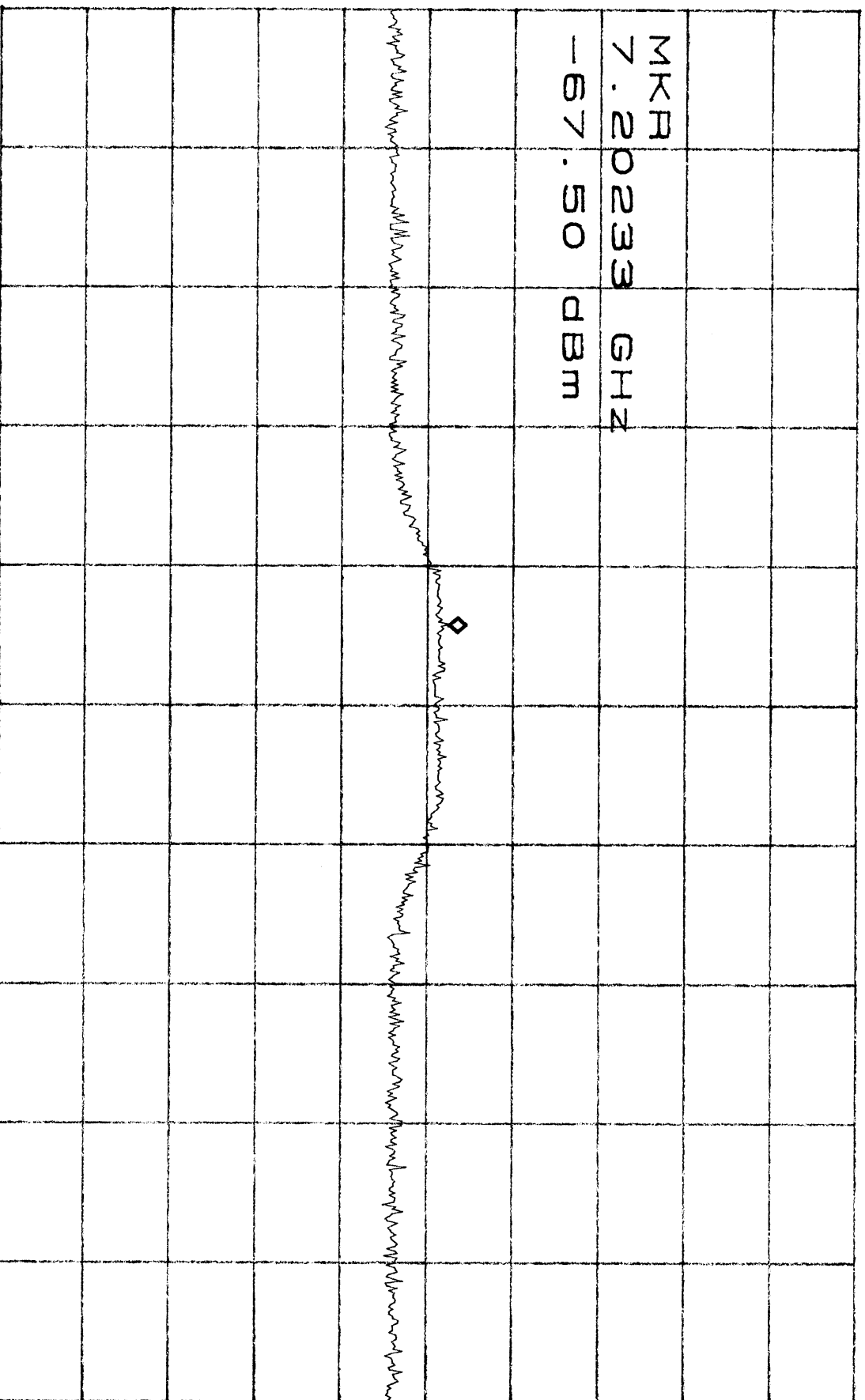
*ATTEN 0dB

MKR -67.50dBm

RL -20.0dBm

10dB/

7.20233GHz



CENTER 7.20292GHz

SPAN 10.00MHz

*RBW 1.0MHz

*VBW 1.0MHz

*SWP 50ms

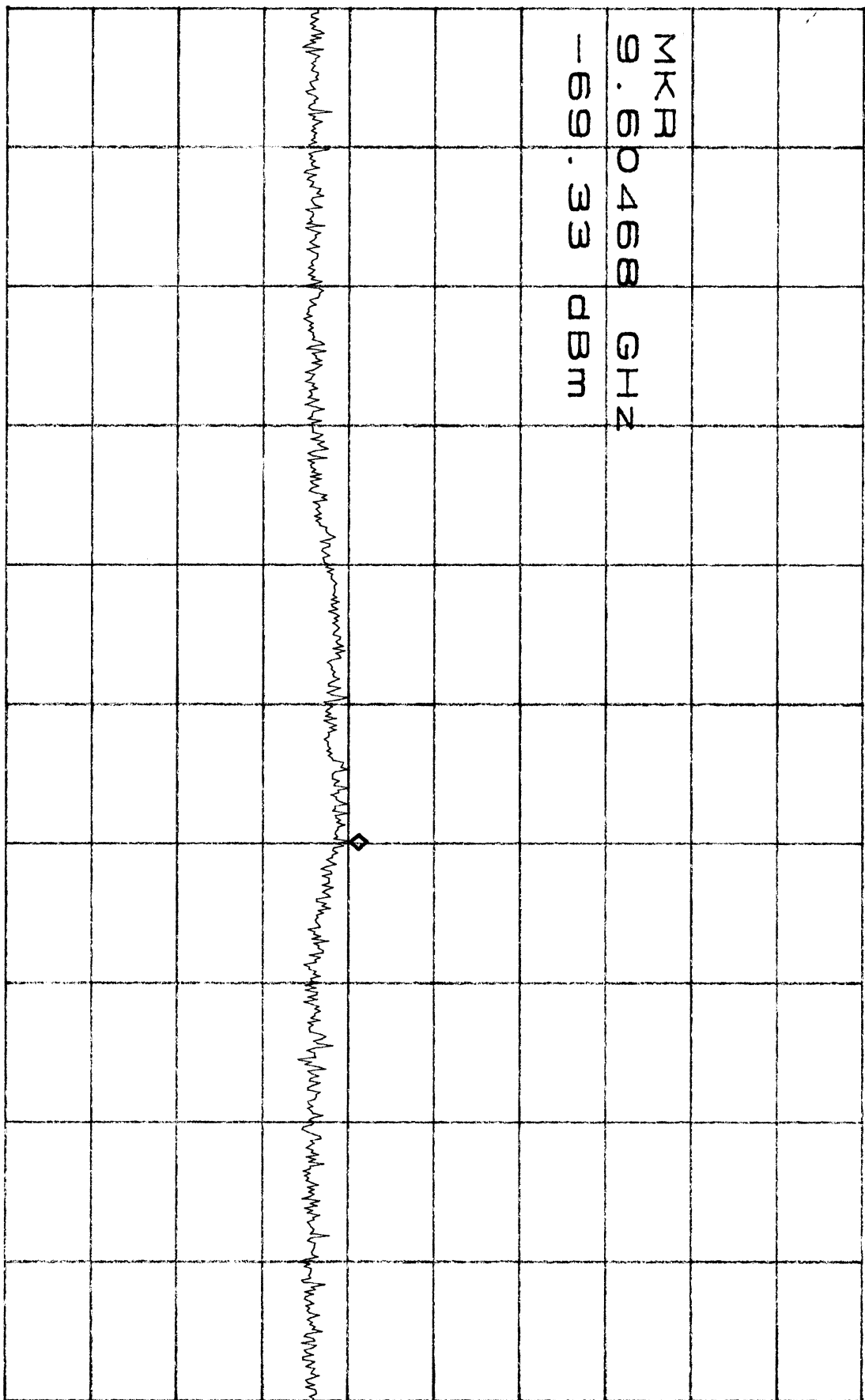
*ATTEN 0dB

MKR 169.3300

PL -10.0dBm

10dB/

9.60488GHz



MKR
9.60488 GHz

-69.33 dBm

CENTER 9.60370GHz

SPAN 10.00MHz

*RBW 1.0MHz

*VBW 1.0MHz

*SWP 50ms

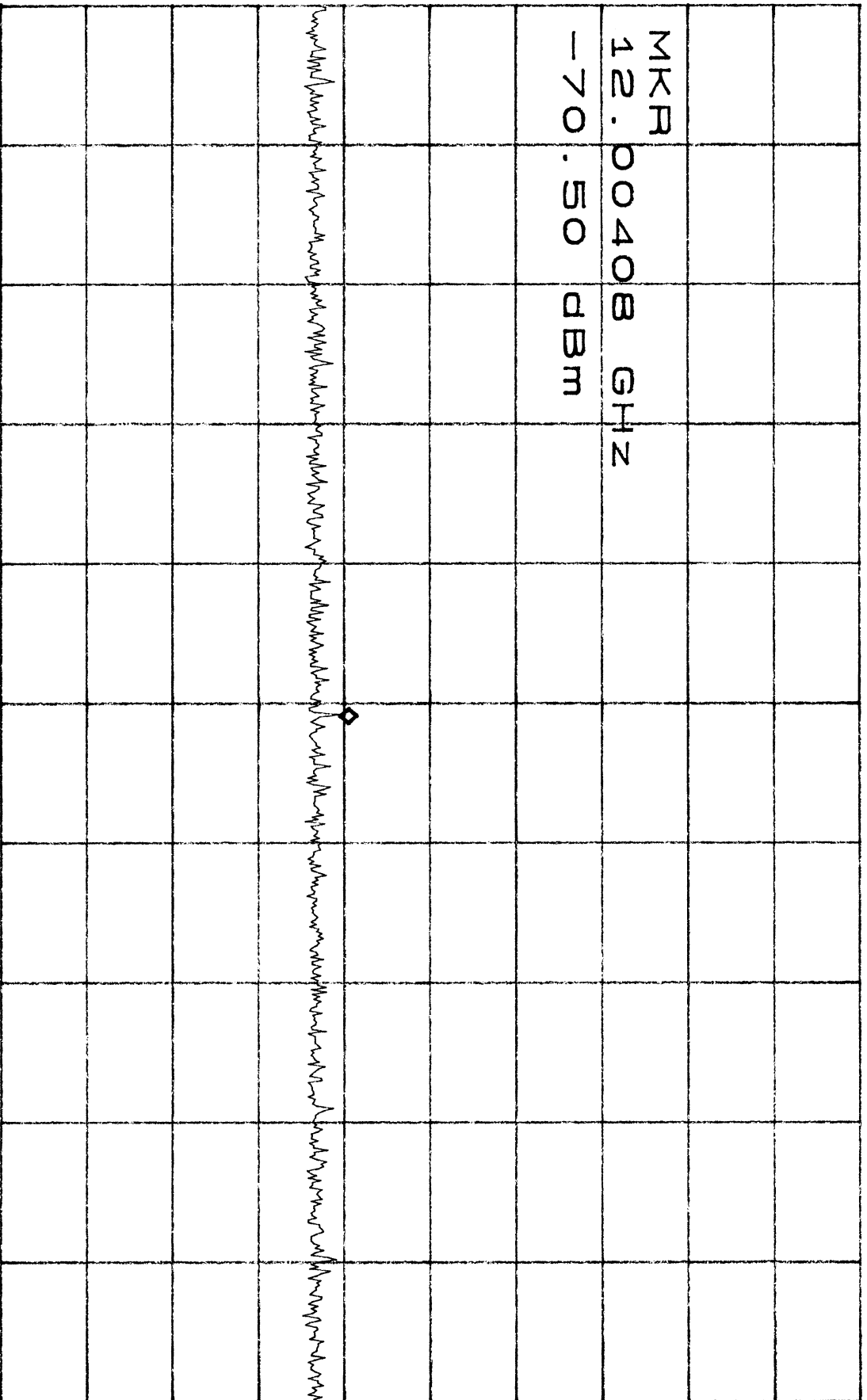
*ATTEN 0dB

MKR -70.50dBm

RL -10.0dBm

10dB/

12.00408GHz



CENTER 12.00400GHz

SPAN 10.00MHz

*RBW 1.0MHz

*VBW 1.0MHz

*SWP 50ms

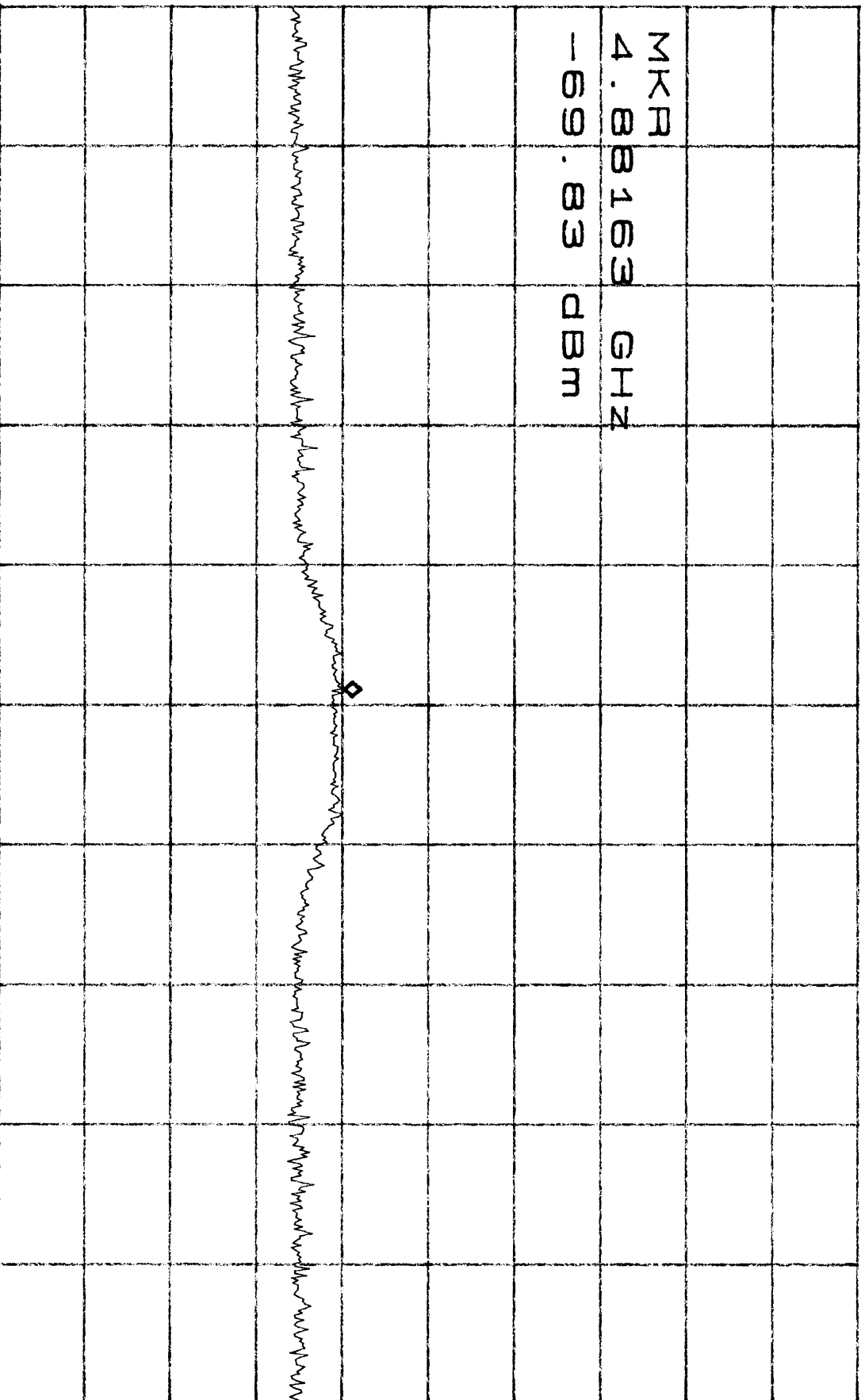
*ATTEN 0DB

MARK -69.83DBM

RL -10.0DBM

10DB/

4.88163GHZ



CENTER 4.88163GHZ

SPAN 10.00MHZ

*RBW 1.0MHZ *VBW 1.0MHZ

*SWP 50ms

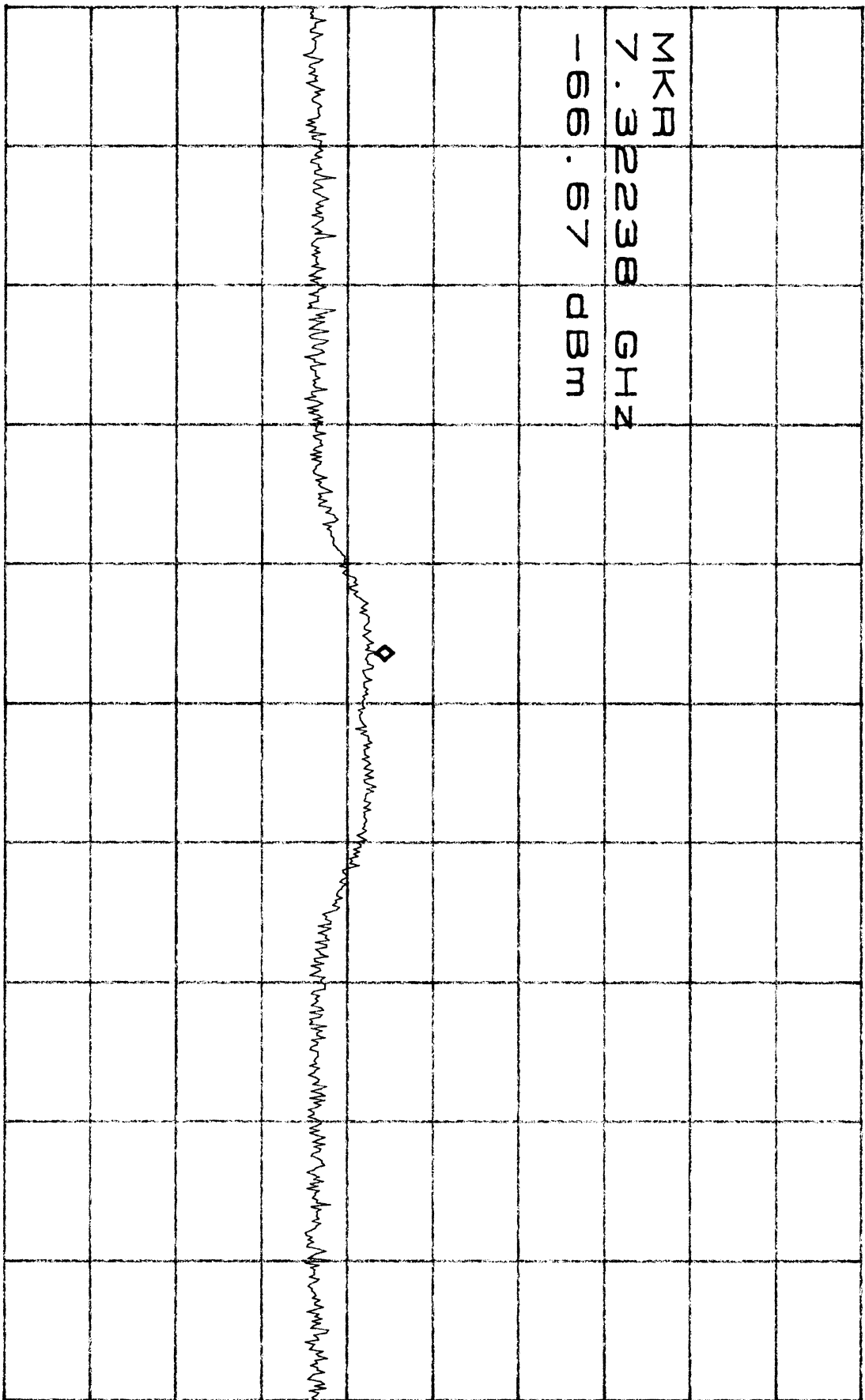
*ATTEN 0dB

MARK -66.67dBm

RL -10.0dBm

10dB/

7.32238GHz



MARK
7.32238 GHz
-66.67 dBm

CENTER 7.32275GHz SPAN 10.00MHz
*RBW 1.0MHz *VBW 1.0MHz *SWP 50ms

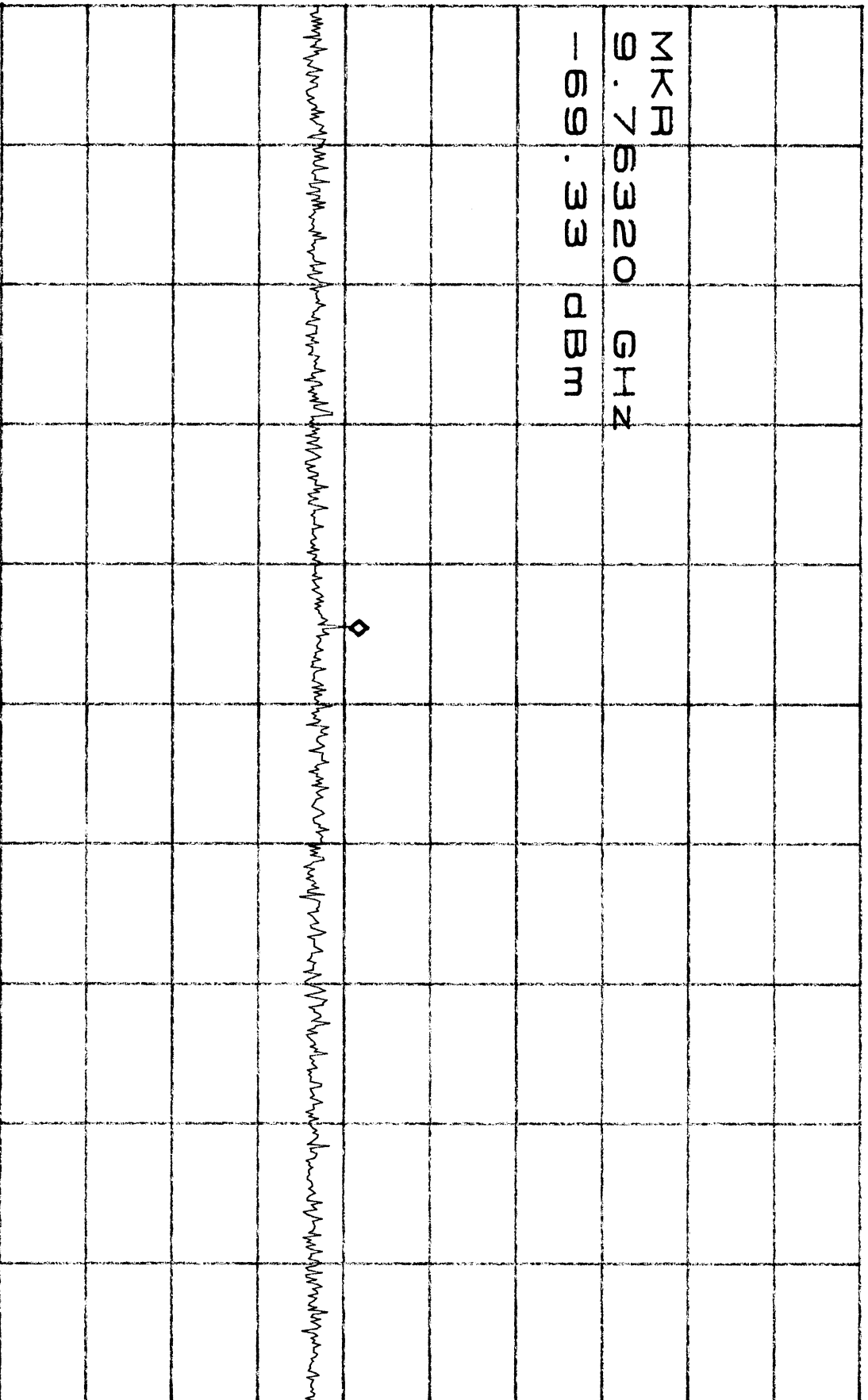
*ATTEN 0DB

MKR - 69.33DBm

RL -10.0DBm

10DB/

9.76320GHZ



MKR
9.76320 GHz

-69.33 DBm

CENTER 9.76375GHZ

SPAN 10.00MHZ

*RBW 1.0MHZ *VBW 1.0MHZ

*SWP 50ms

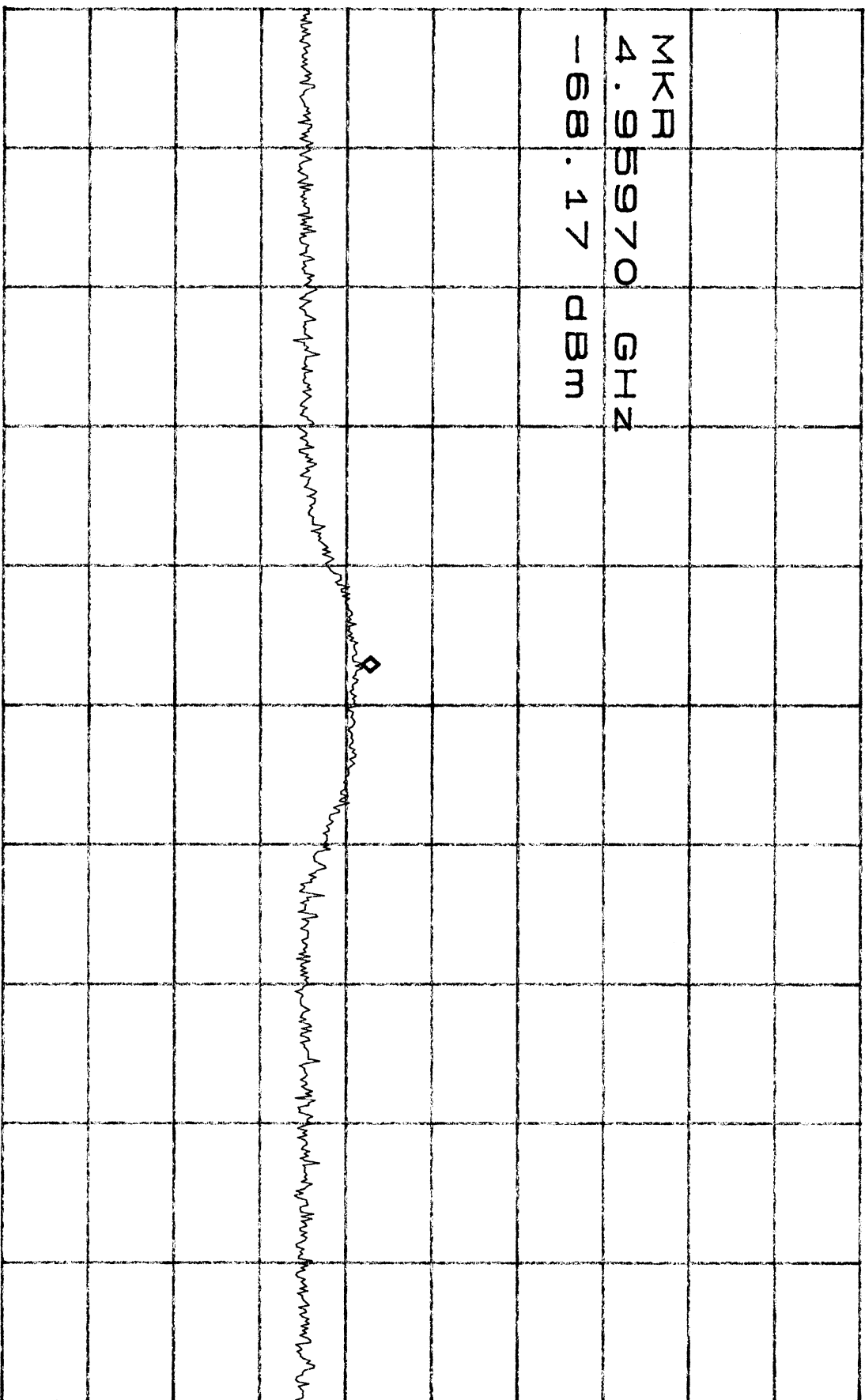
*ATTEN 0dB

MKR -68.17dBm

RL -10.0dBm

10dB/

4.95970GHz



CENTER 4.96000GHz

SPAN 10.00MHz

*RBW 1.0MHz

*VBW 1.0MHz

*SWP 50ms

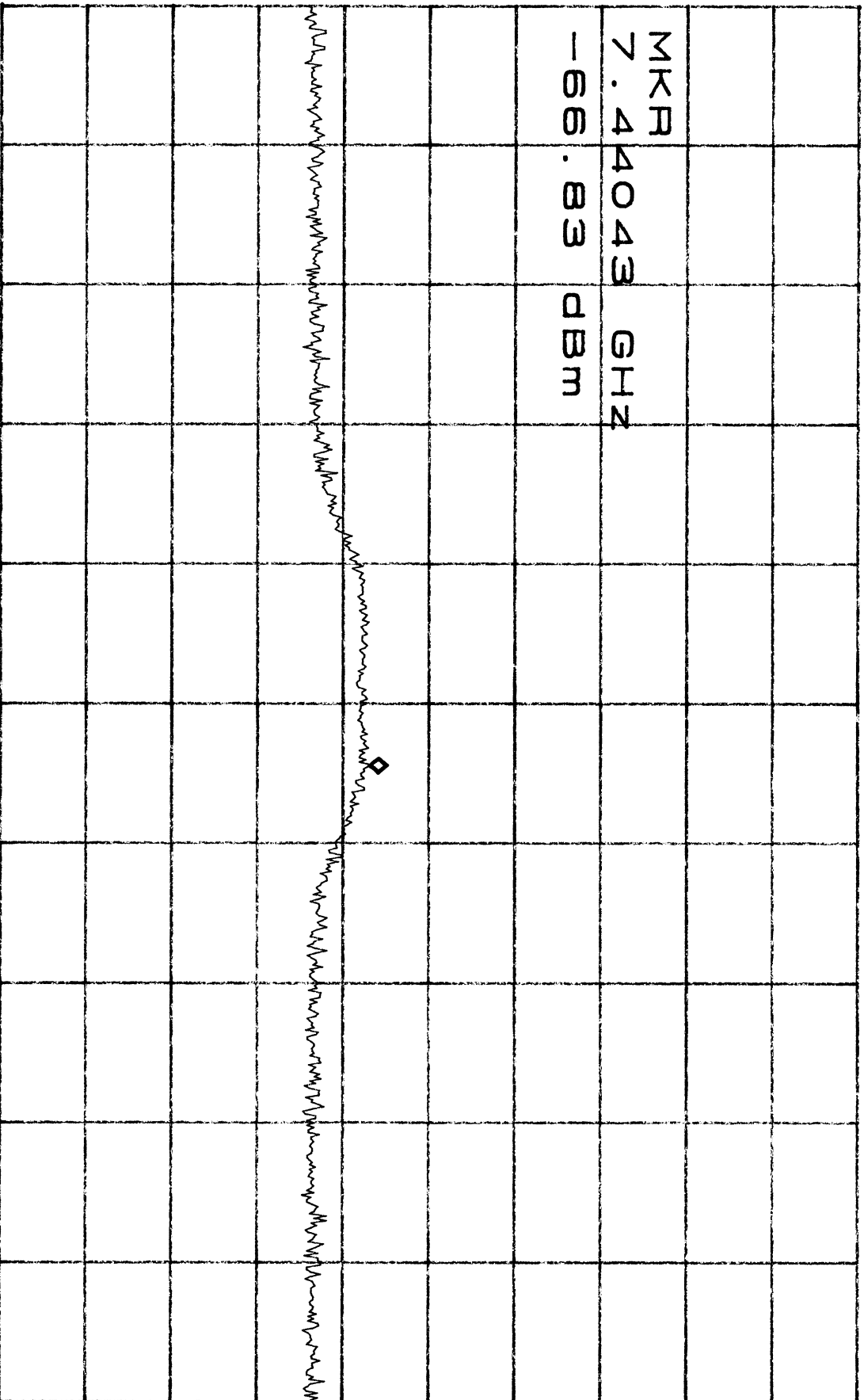
*ATTEN 0dB

MKR -66.83dBm

RL -10.0dBm

10dB/

7.44043GHz



CENTER 7.44000GHZ

SPAN 10.00MHZ

*RBW 1.0MHZ

*VBW 1.0MHZ

*SWP 50ms

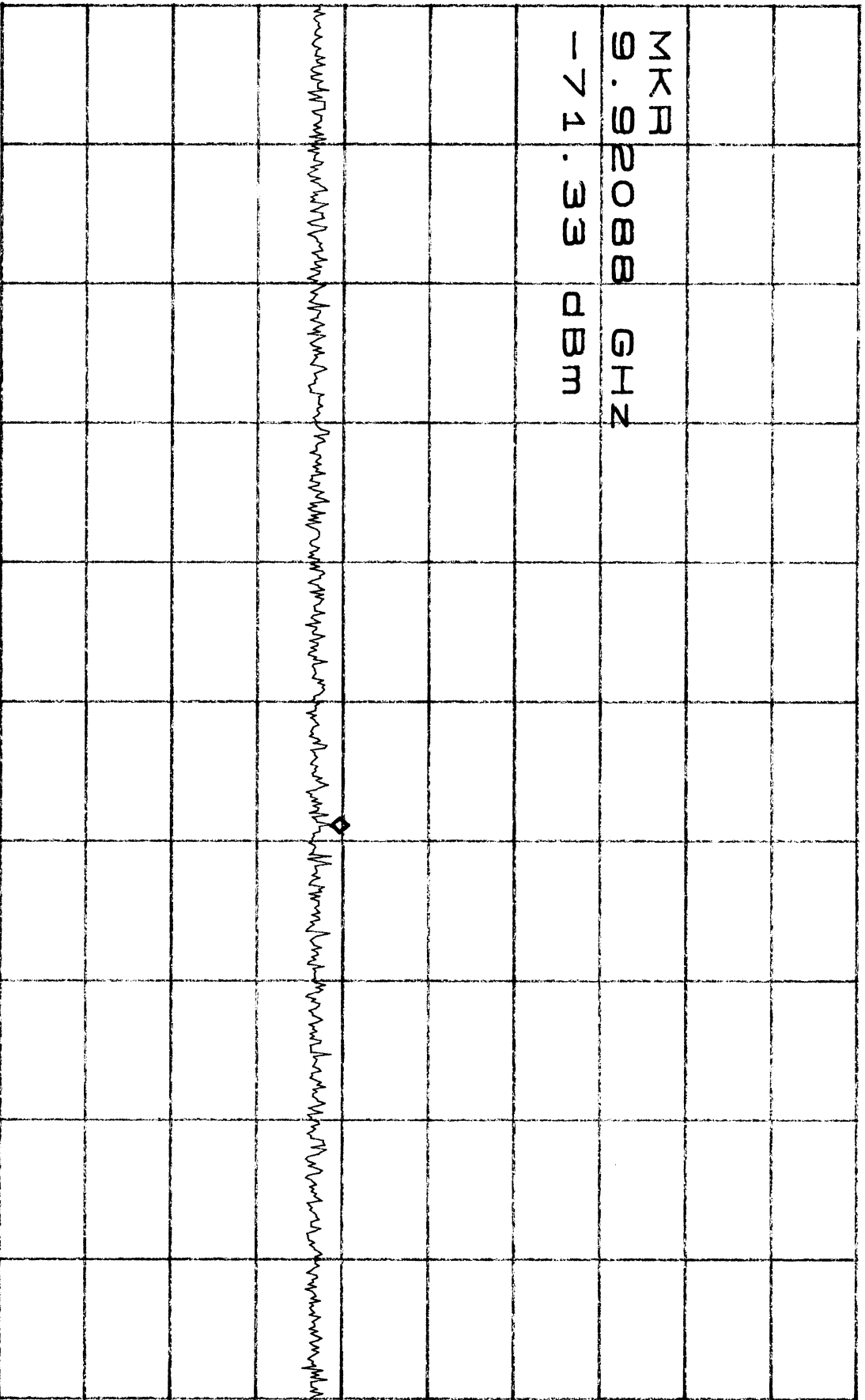
*ATTEN 0dB

MKR -71.33dBm

RL -10.0dBm

10dB/

9.92088GHz



MKR
9.92088 GHz

-71.33 dBm

CENTER 9.92000GHz

SPAN 10.00MHz

*RBW 1.0MHz *VBW 1.0MHz

*SWP 50ms

The data plots that follow this page have been taken using the following antenna(s)

Antenna Tested: LXE Model Spire, P/N: 155846-0001 - 6dBi Omnidirectional
Antennas Covered: LXE Model Spire, P/N: 155846-0001 - 6dBi Omnidirectional
LXE Model Spire, P/N: 155846-0001 - 3dBi Omnidirectional

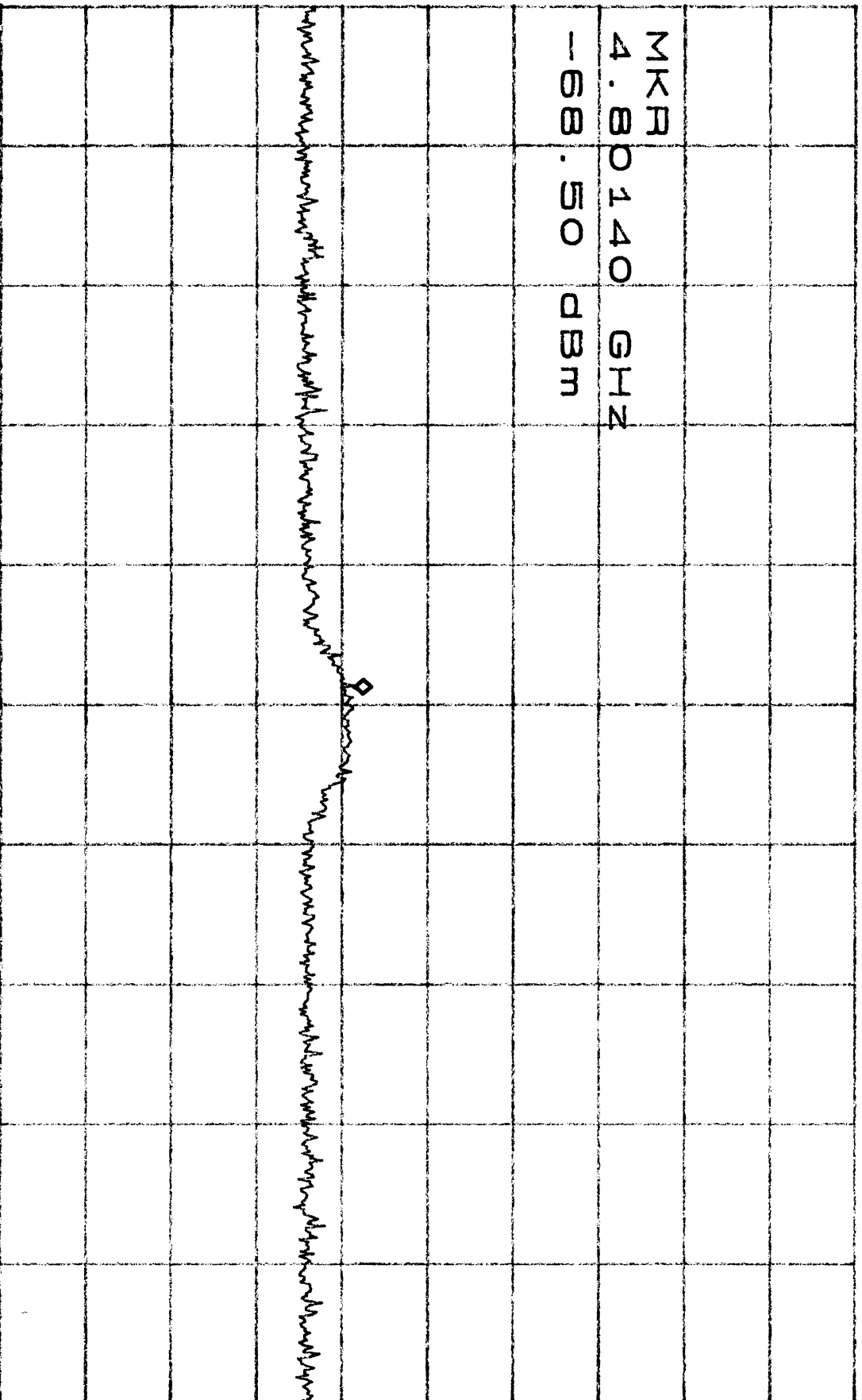
*ATTEN 0dB

MKR -68.50dBm

RL -10.0dBm

10dB/

4.80140GHz



MKR

4.80140 GHz

-68.50 dBm

CENTER 4.80167GHz

SPAN 20.00MHz

*RBW 1.0MHz *VBW 1.0MHz

*SWP 50ms

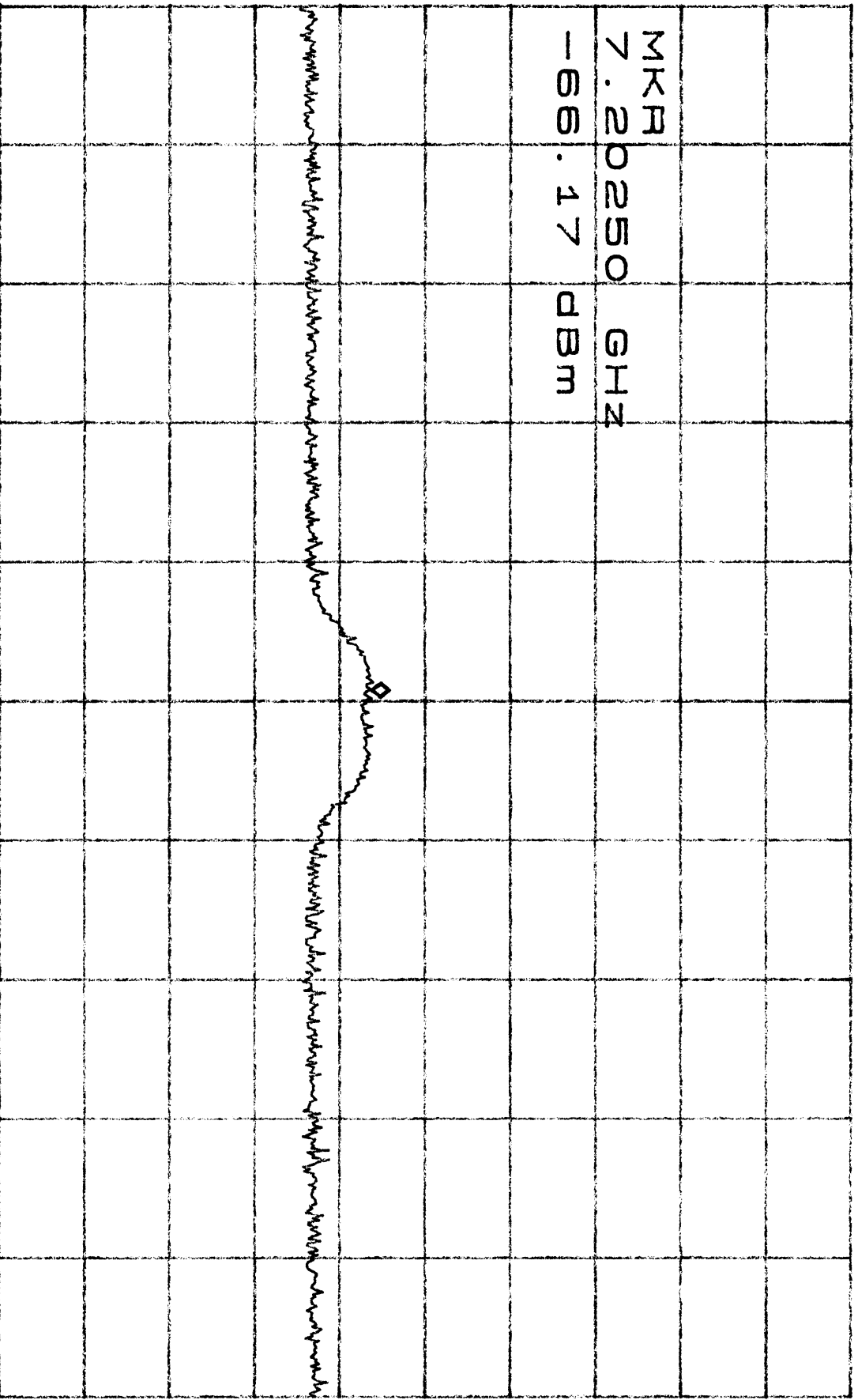
*ATTEN 0dB

MKR -66.17dBm

RL -10.0dBm

10dB/

7.20250GHz



CENTER 7.20267GHz

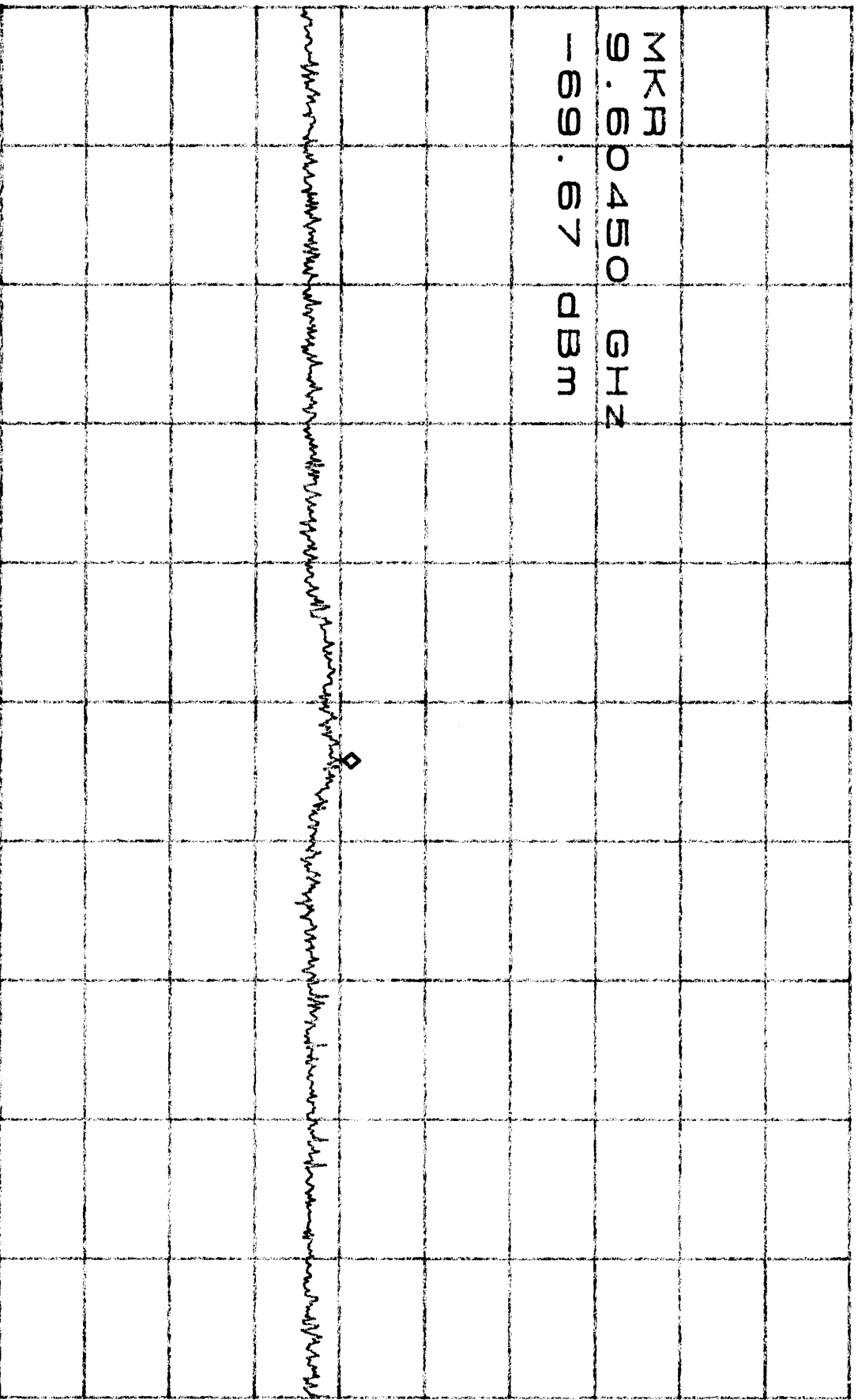
SPAN 20.00MHz

*RBW 1.0MHz

*VBW 1.0MHz

SMP 50ms

*ATTEN 0DB
RL -10.0DBM 10DB/ 9.60450GHZ
ΣKJ 109.67DBM



CENTER 9.60367GHZ SPAN 20.00MHZ
*RBW 1.0MHZ *VBW 1.0MHZ SWP 50ms

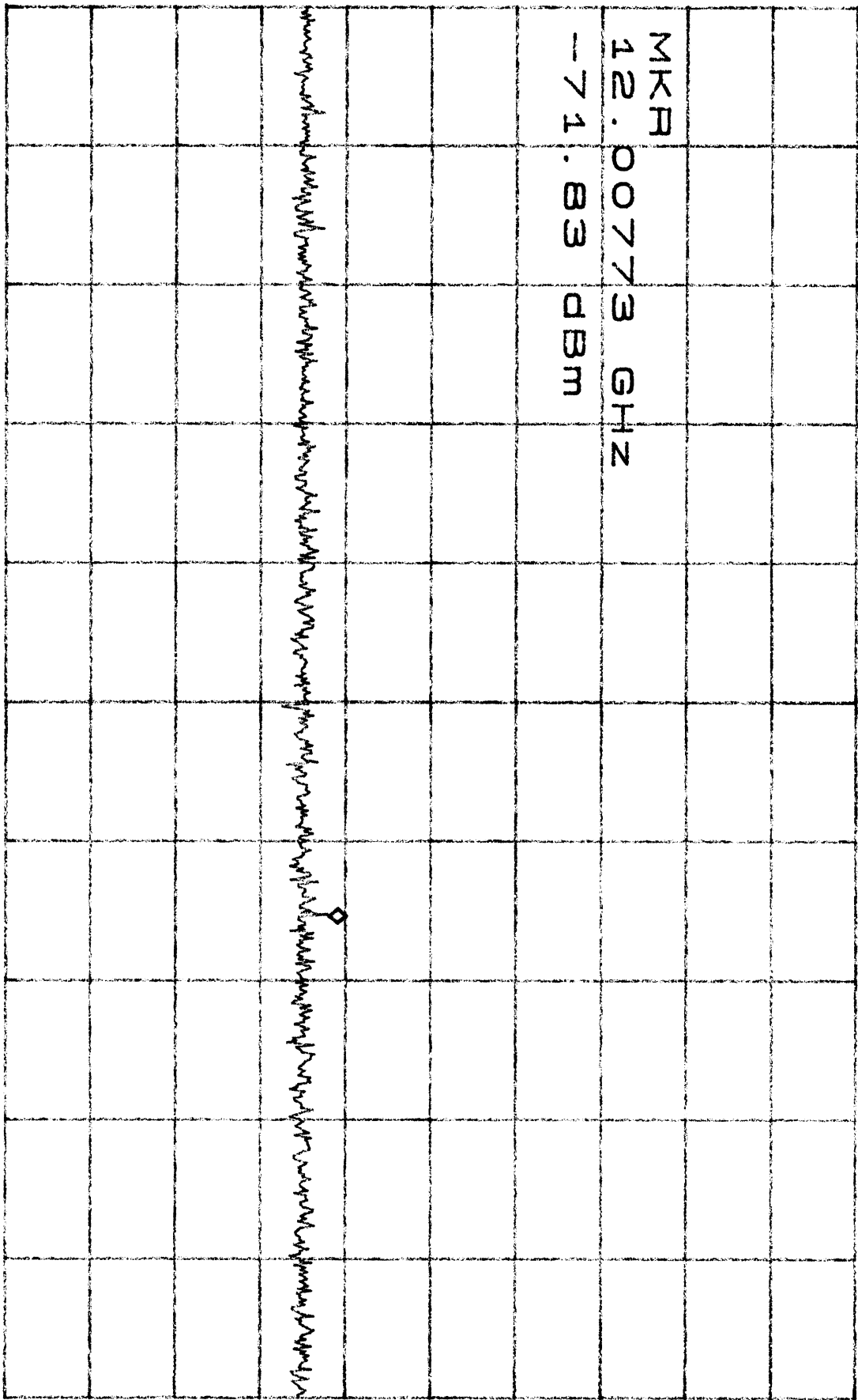
*ATTEN 0DB

MARK -74.83DBM

FL -10.0DBM

10DB/

12.00773GHZ



MARK

12.00773 GHZ

-74.83 DBM

CENTER 12.00467GHZ

SPAN 20.00MHZ

*RBW 1.0MHZ *VBW 1.0MHZ

SMP 50ms

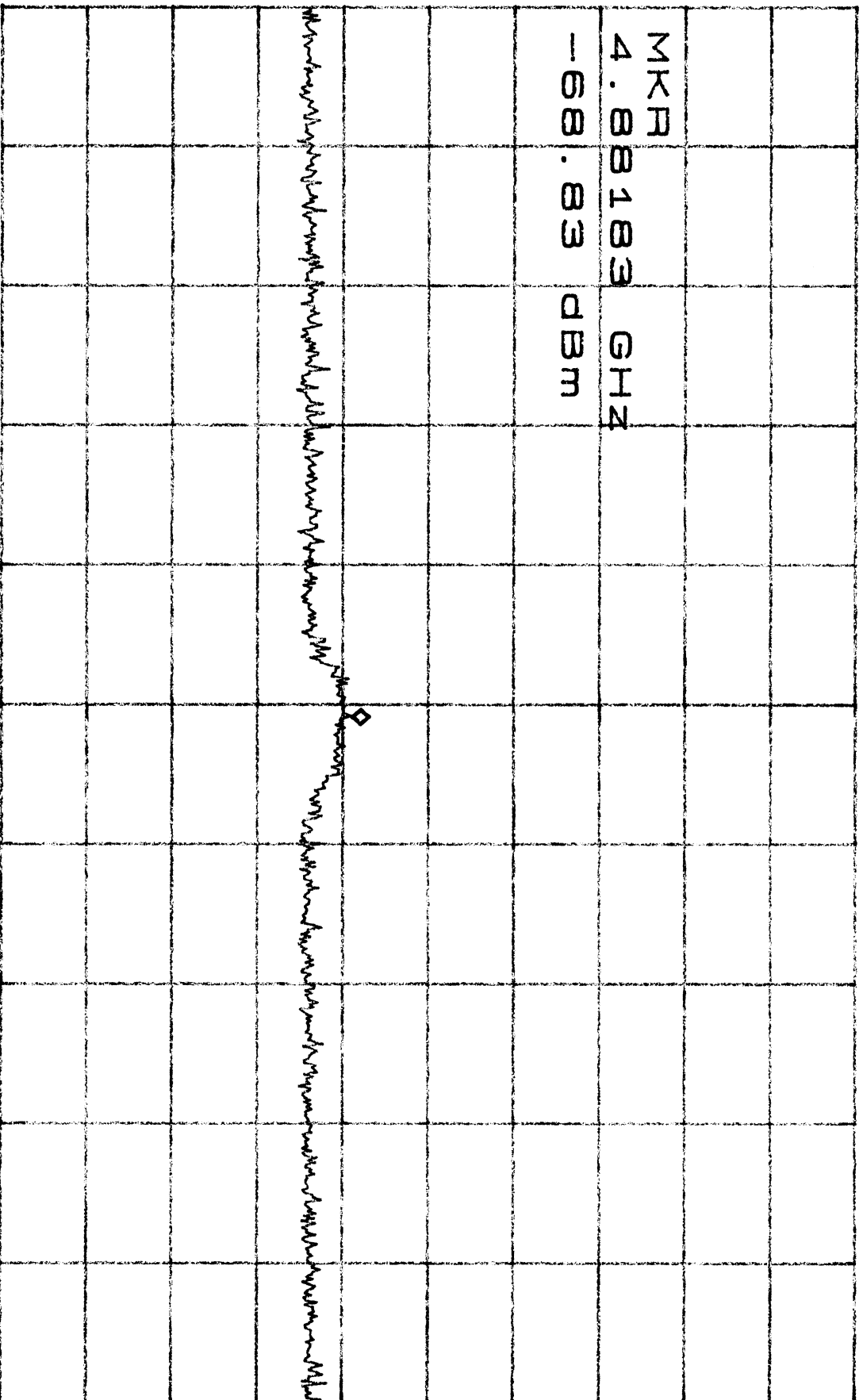
*ATTEN 0DB

MK11 -68.83DBM

RL -10.0DBM

10DB/

4.88183GHZ



CENTER 4.88183GHZ

SPAN 20.00MHZ

*RBW 1.0MHZ

*VBW 1.0MHZ

SMP 50ms

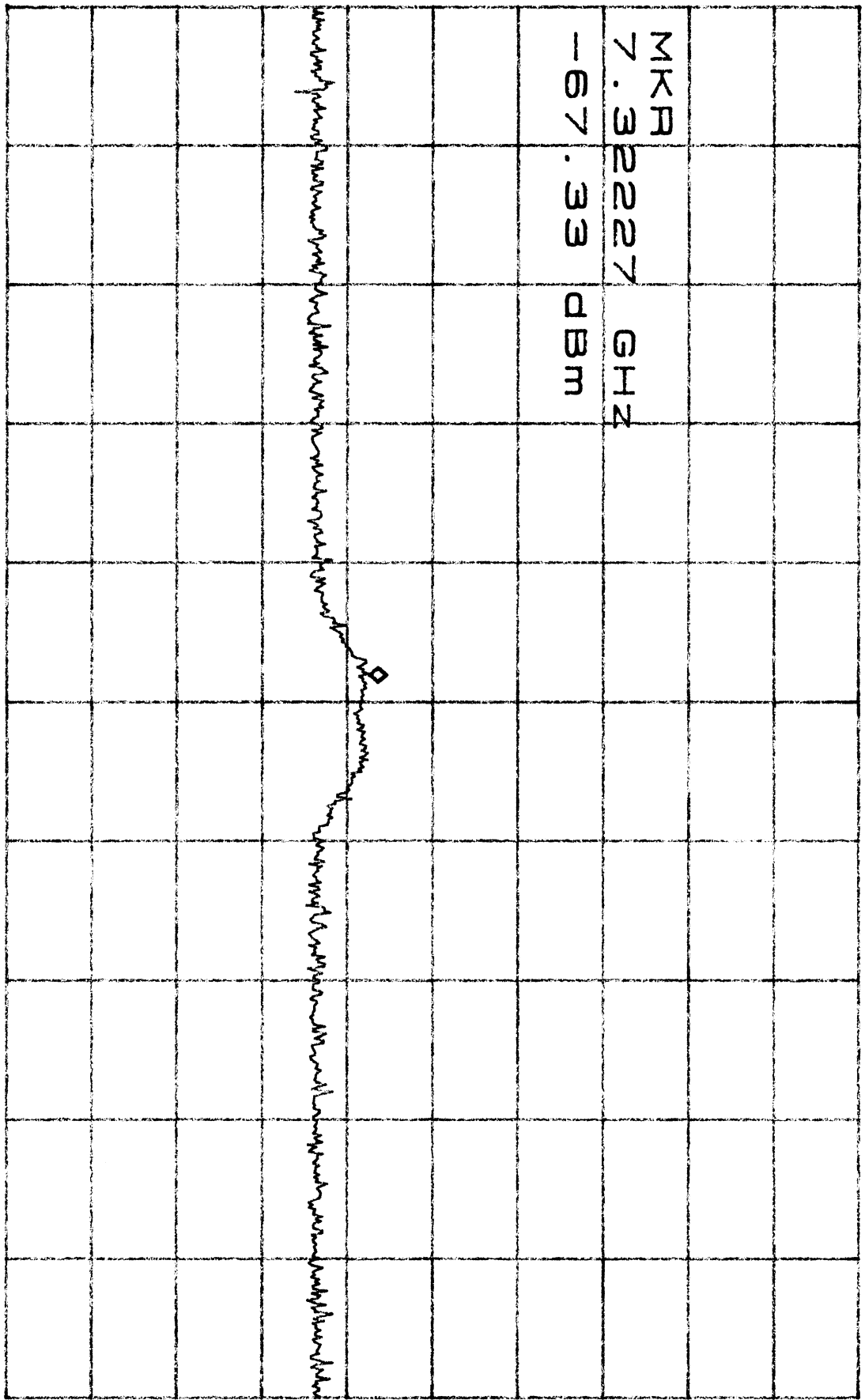
*ATTEN 0dB

MKR -67.33dBm

RL -10.0dBm

10dB/

7.32227GHz



MKR
7.32227 GHz

-67.33 dBm

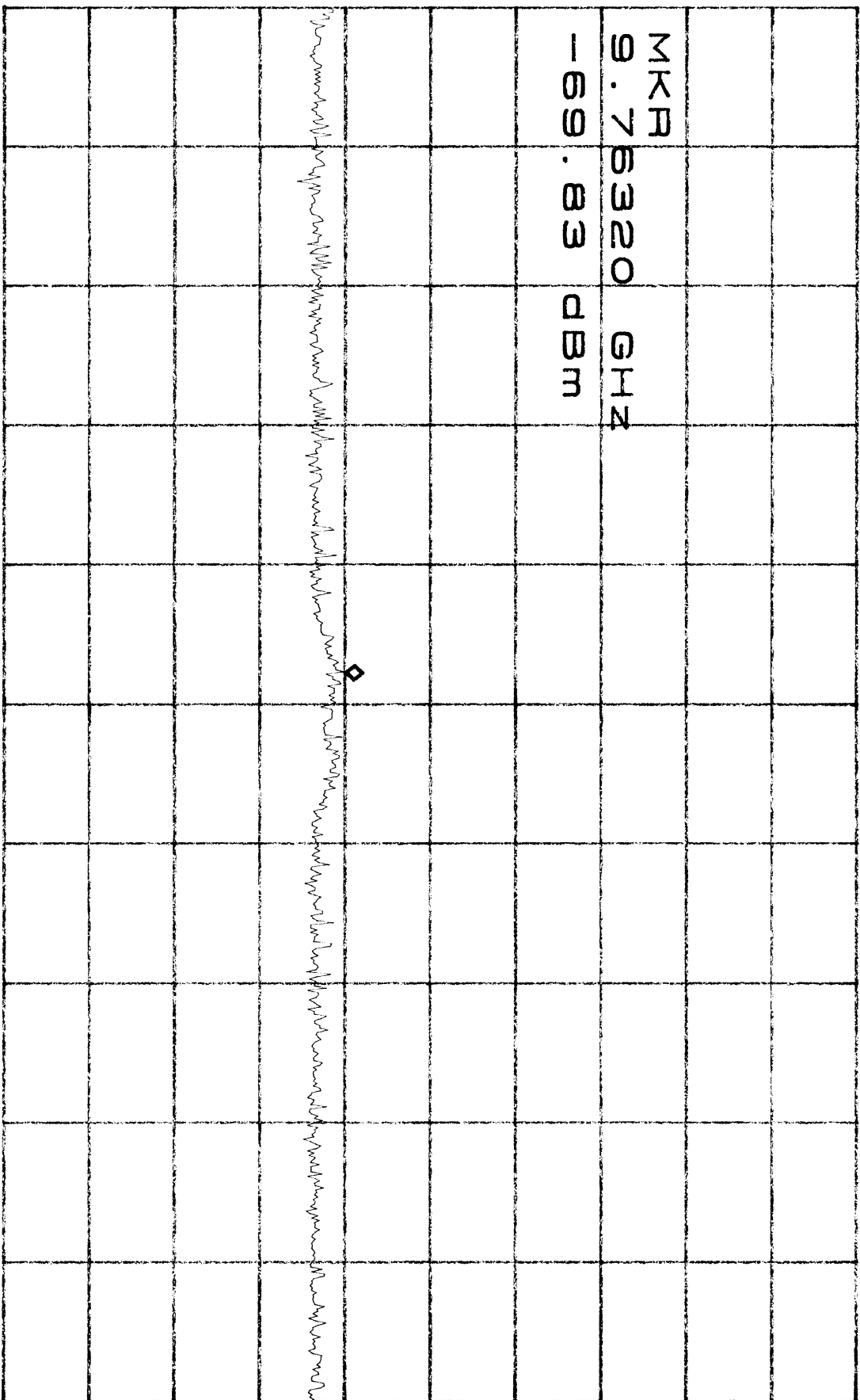
CENTER 7.32267GHz SPAN 20.00MHz
*RBW 1.0MHz *VBW 1.0MHz SWP 50ms

*ATTEN 0DB

RL -10.0DBM

10DB/

MKR -69.83DBM



MKR
9.76320 GHz
-69.83 DBM

CENTER 9.76367GHz SPAN 20.00MHz
*RBW 1.0MHz *VBW 1.0MHz SWP 50ms

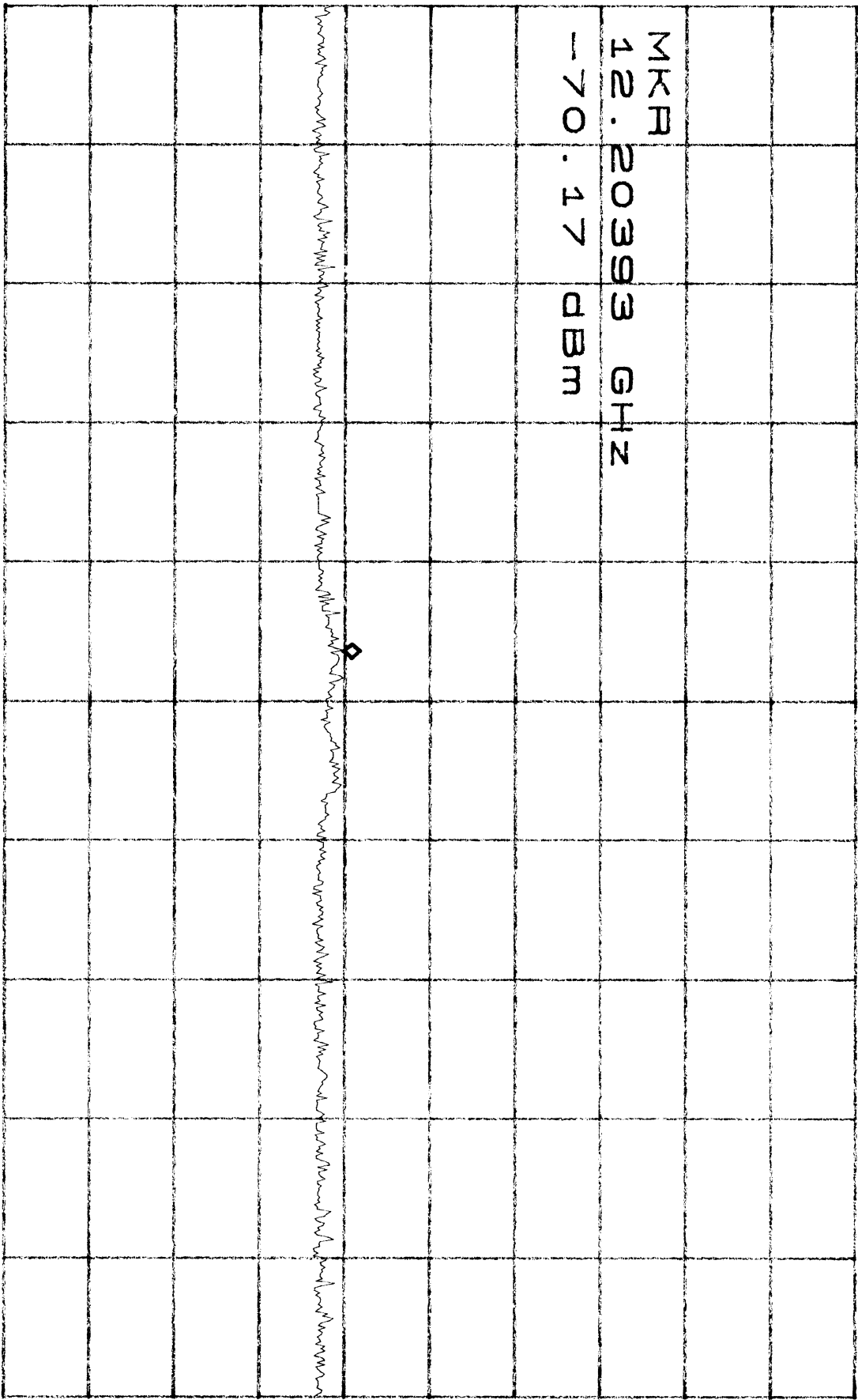
*ATTEN 0dB

MKII 170.17dBm

RL -10.0dBm

10dB/

12.20393GHz



MKII

12.20393 GHz

-70.17 dBm

CENTER 12.20467GHz

SPAN 20.00MHz

*RBW 1.0MHz *VBW 1.0MHz

SMP 50ms

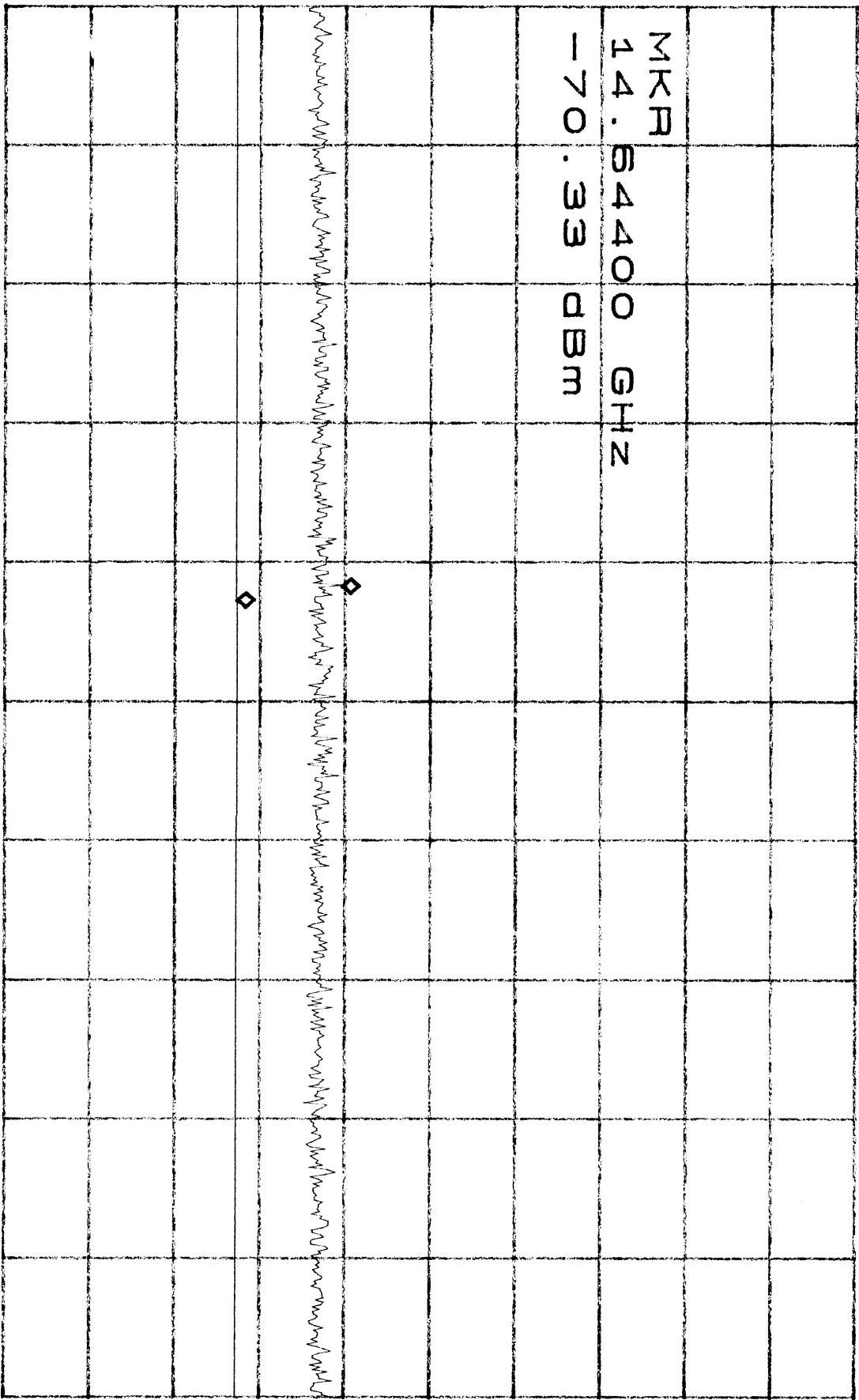
*ATTEN 0DB

MKR -70.33DBM

FL -10.0DBM

10DB/

14.64400GHZ



CENTER 14.64567GHZ

SPAN 20.00MHZ

*RBW 1.0MHZ *VBW 1.0MHZ

SWP 50ms

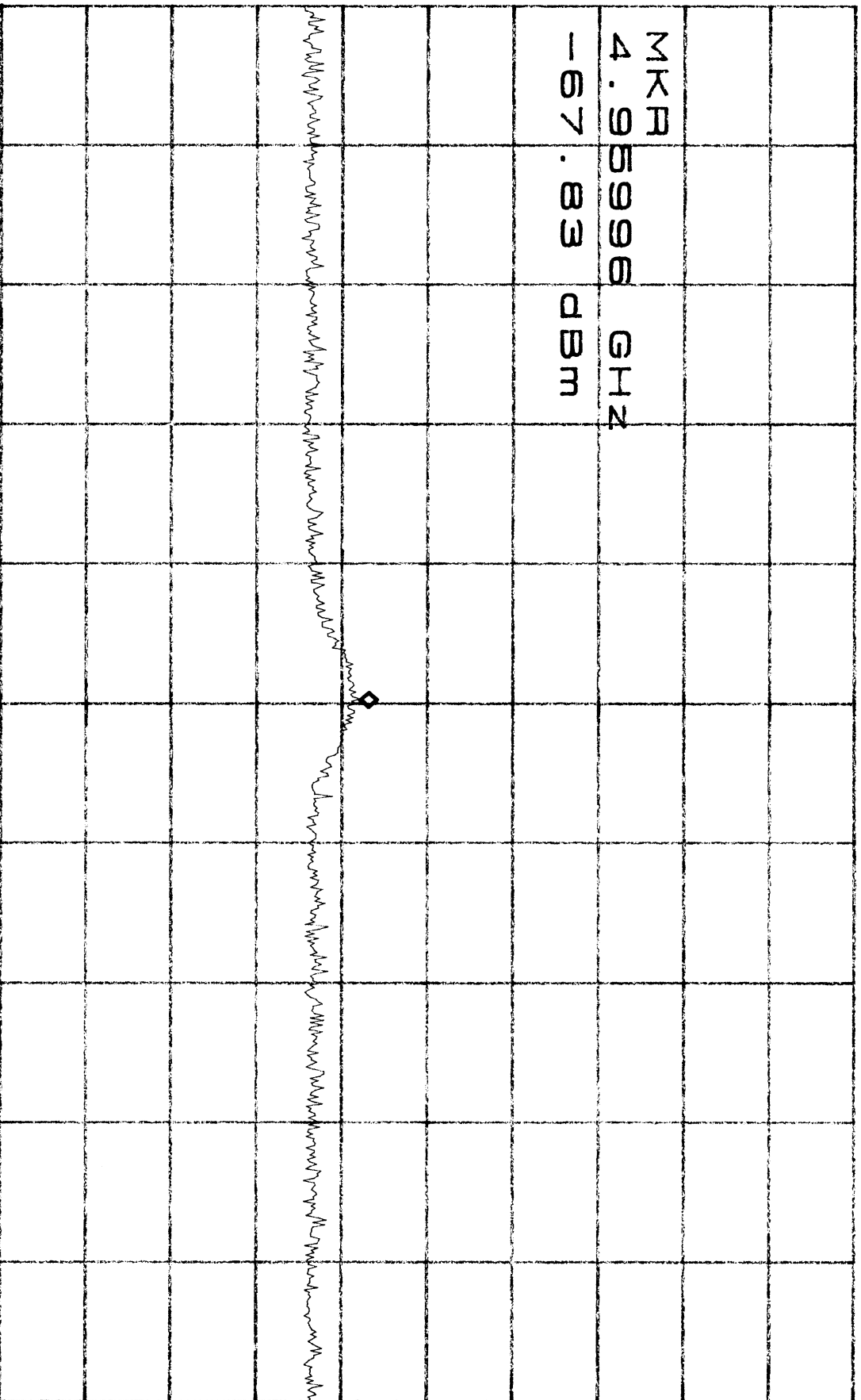
*ATTEN 0dB

MKR -67.83dBm

RL -10.0dBm

10dB/

4.95996GHz



MKR

4.95996 GHz

-67.83 dBm

CENTER 4.96003GHz

SPAN 20.00MHz

*RBW 1.0MHz *VBW 1.0MHz

SMP 50ms

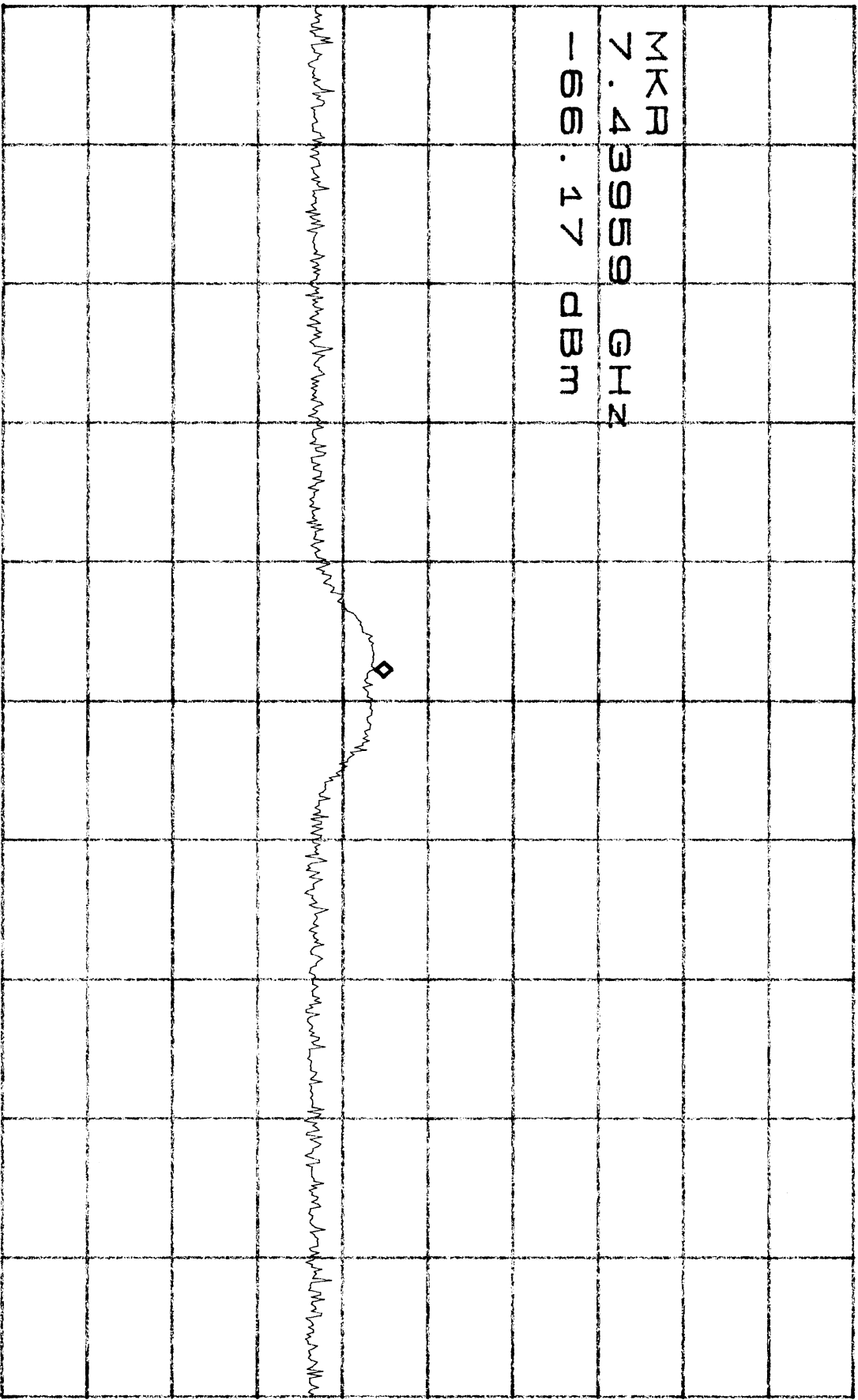
*ATTEN 0DB

MKR -66.17DBM

RL -10.0DBM

10DB/

7.43959GHZ



CENTER 7.44006GHZ

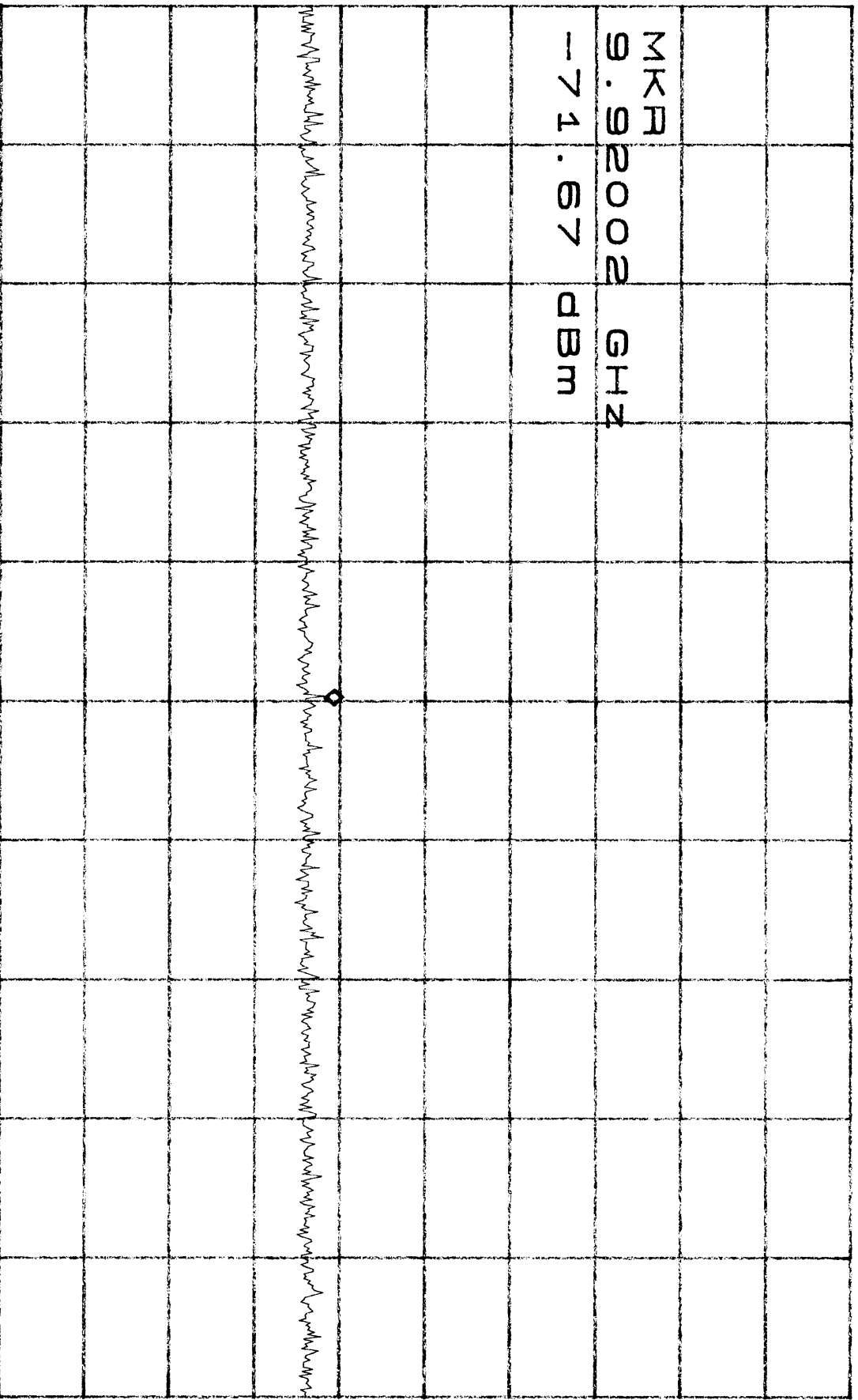
SPAN 20.00MHZ

*RBW 1.0MHZ

*VBW 1.0MHZ

SMP 50ms

*ATTEN 0dB
RL -10.0dBm 10dB/ MKR -71.67dBm
9.92002GHz



MKR
9.92002 GHz
-71.67 dBm

CENTER 9.92009GHz SPAN 20.00MHz
*RBW 1.0MHz *VBW 1.0MHz SWP 50ms

The data plots that follow this page have been taken using the following antenna(s)

Antenna Tested: Cushcraft Model S2406PM - 6dBi Patch
Antennas Covered: Cushcraft Model S2406PM - 6dBi Patch

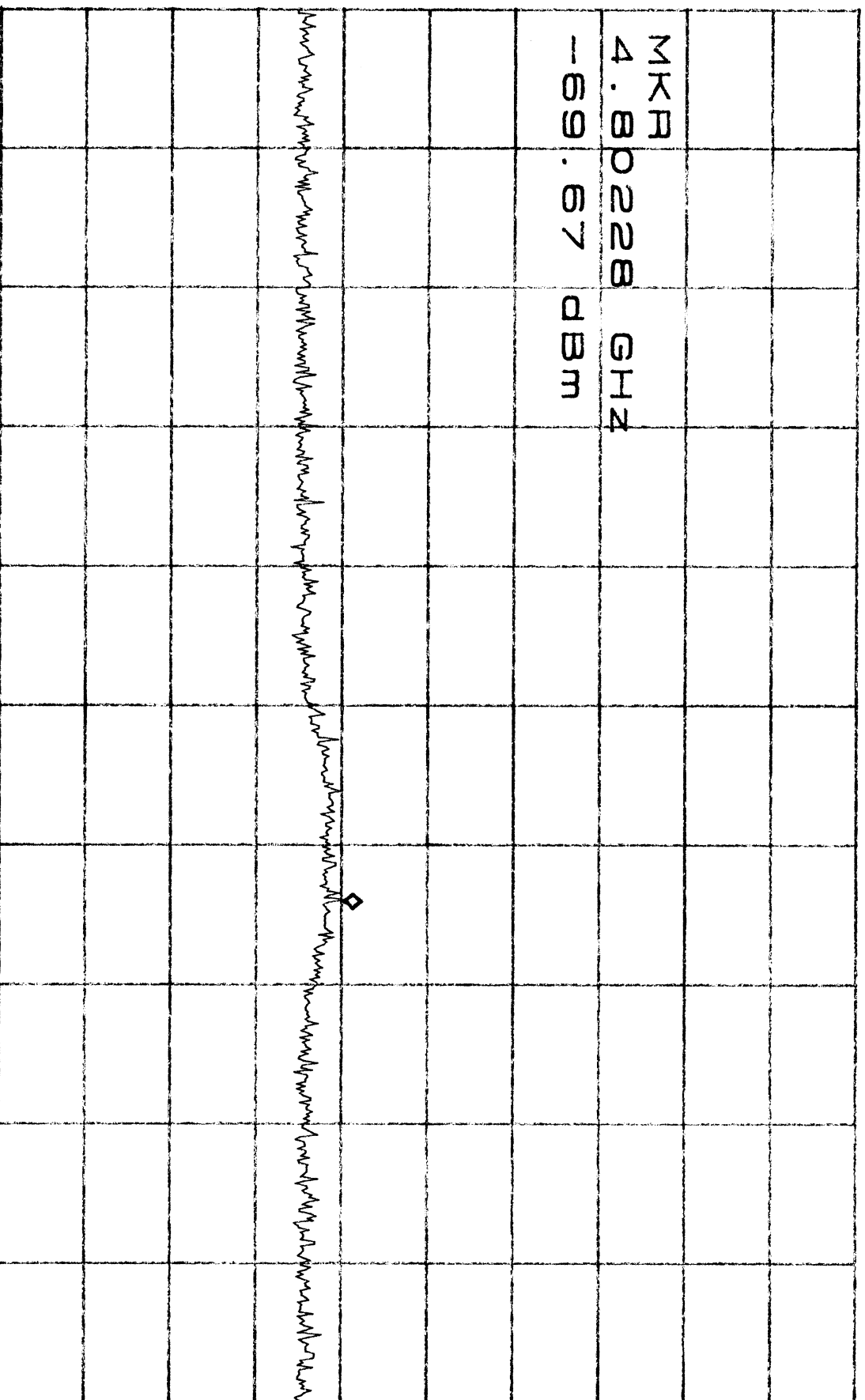
*ATTEN 0dB

MKR -69.67dBm

RL -10.0dBm

10dB/

4.80228GHz



MKR

4.80228 GHz

-69.67 dBm

CENTER 4.80088GHz

SPAN 10.00MHz

*RBW 1.0MHz

*VBW 1.0MHz

*SWP 50ms

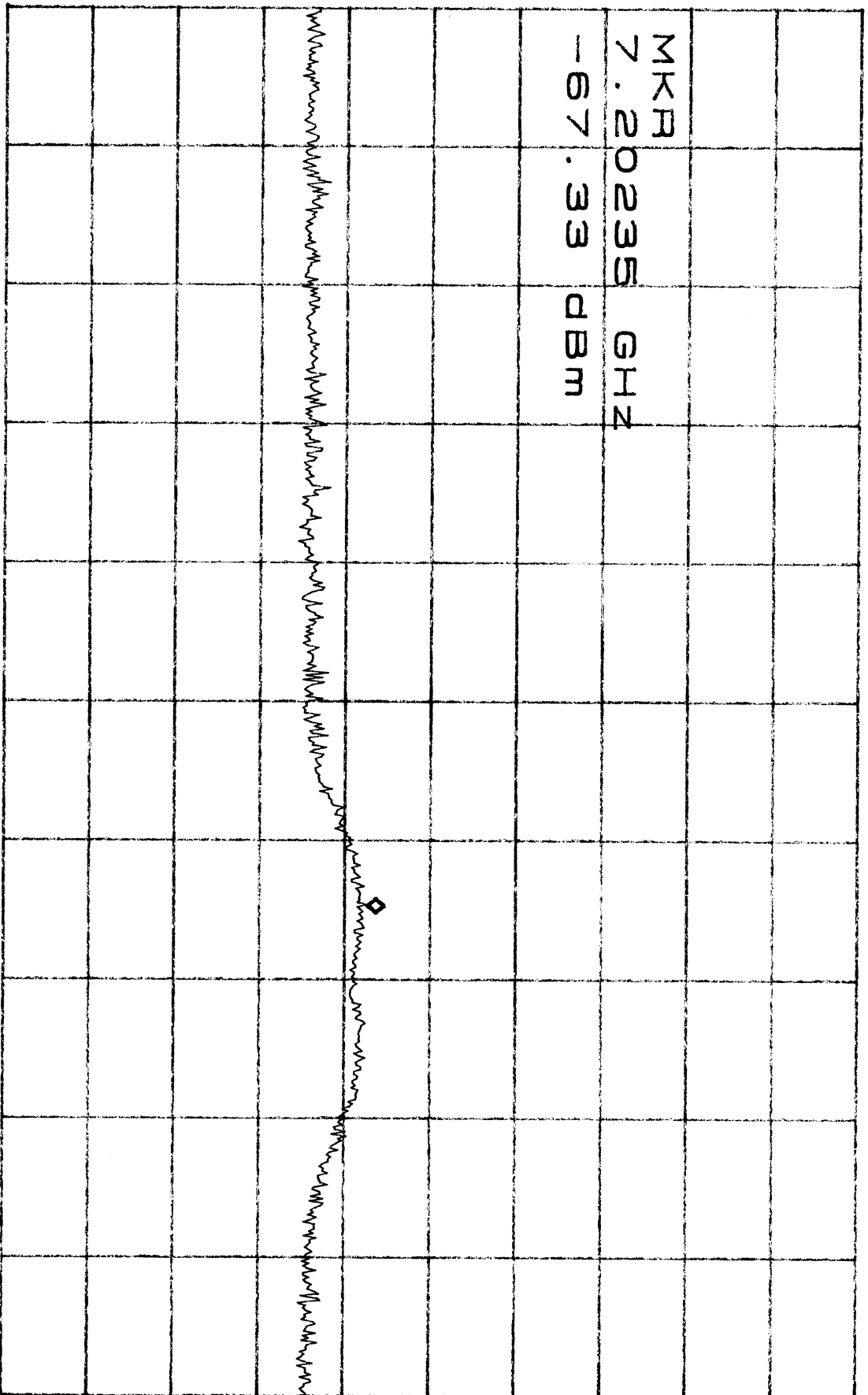
*ATTEN 0dB

MKR -67.33dBm

RL -10.0dBm

10dB/

7.20235GHz



CENTER 7.20088GHz

SPAN 10.00MHz

*RBW 1.0MHz

*VBW 1.0MHz

*SWP 50ms

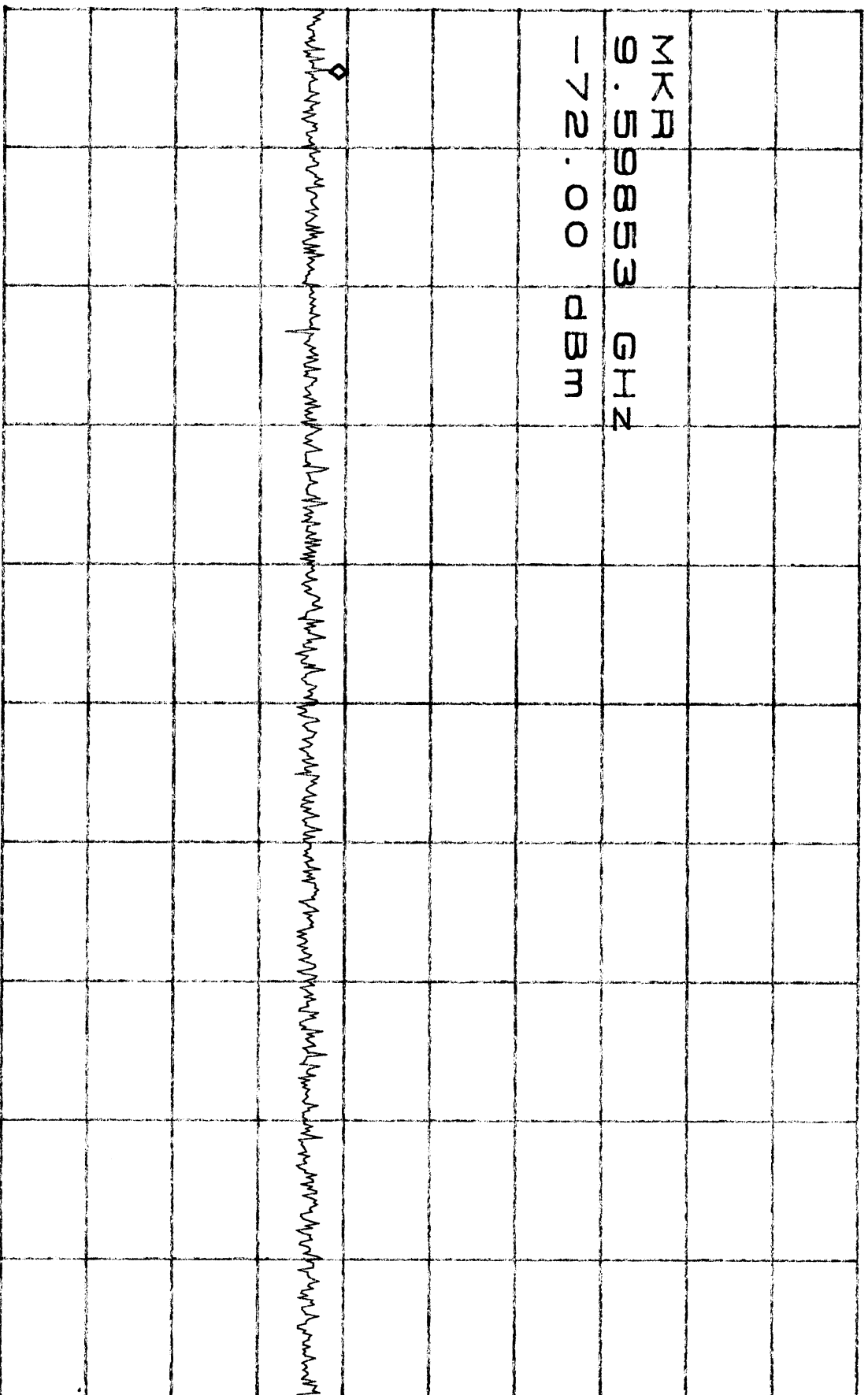
*ATTEN 0dB

MKR -72.00dBm

PL -10.00dBm

10dB/

9.59853GHz



CENTER 9.60308GHz

SPAN 10.00MHz

*RBW 1.0MHz

*VBW 1.0MHz

*SWP 50ms

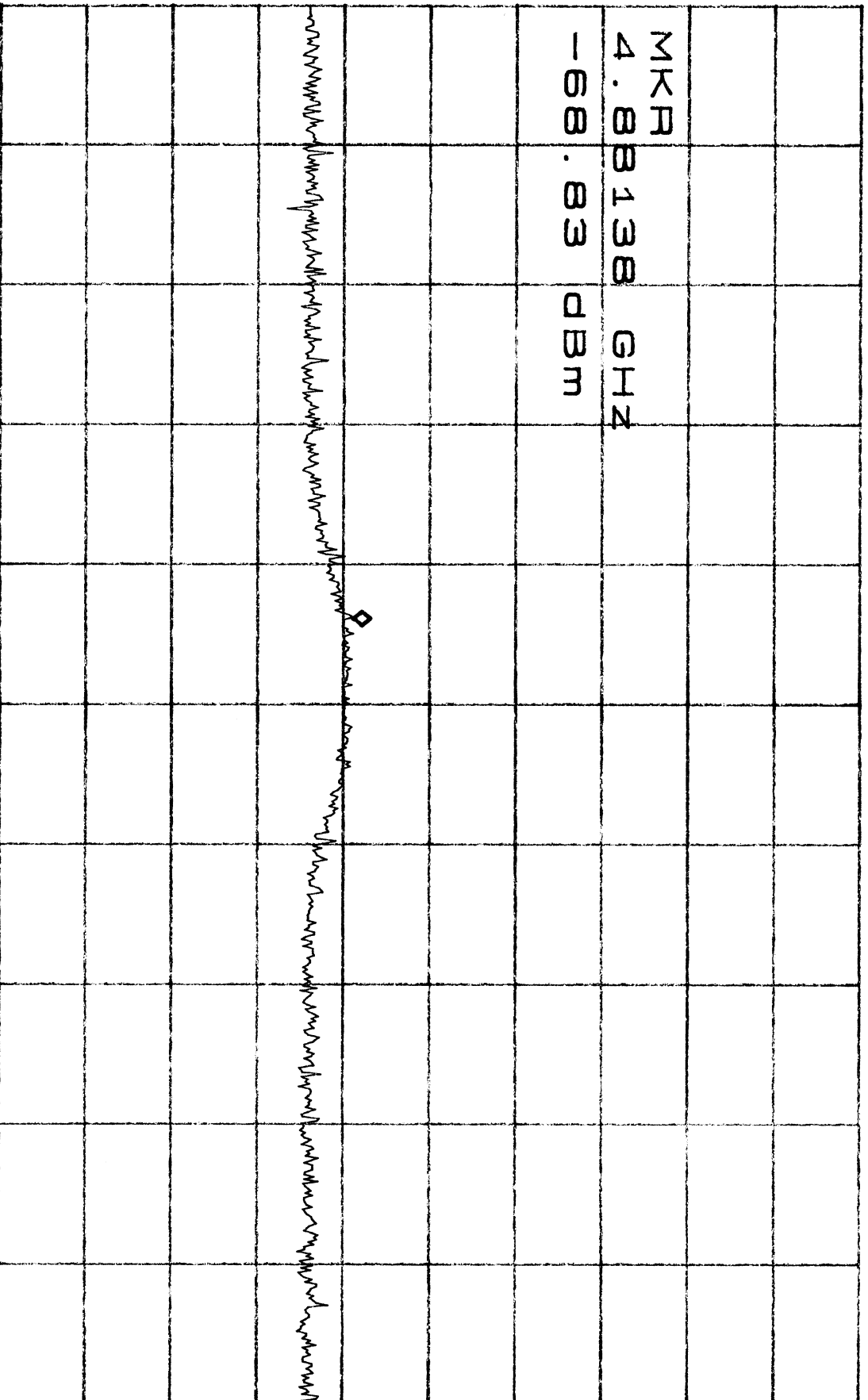
*ATTEN 0dB

MKR -68.83dBm

RL -10.0dBm

10dB/

4.88138GHz



CENTER 4.88200GHz

SPAN 10.00MHz

*RBW 1.0MHz

*VBW 1.0MHz

*SWP 50ms

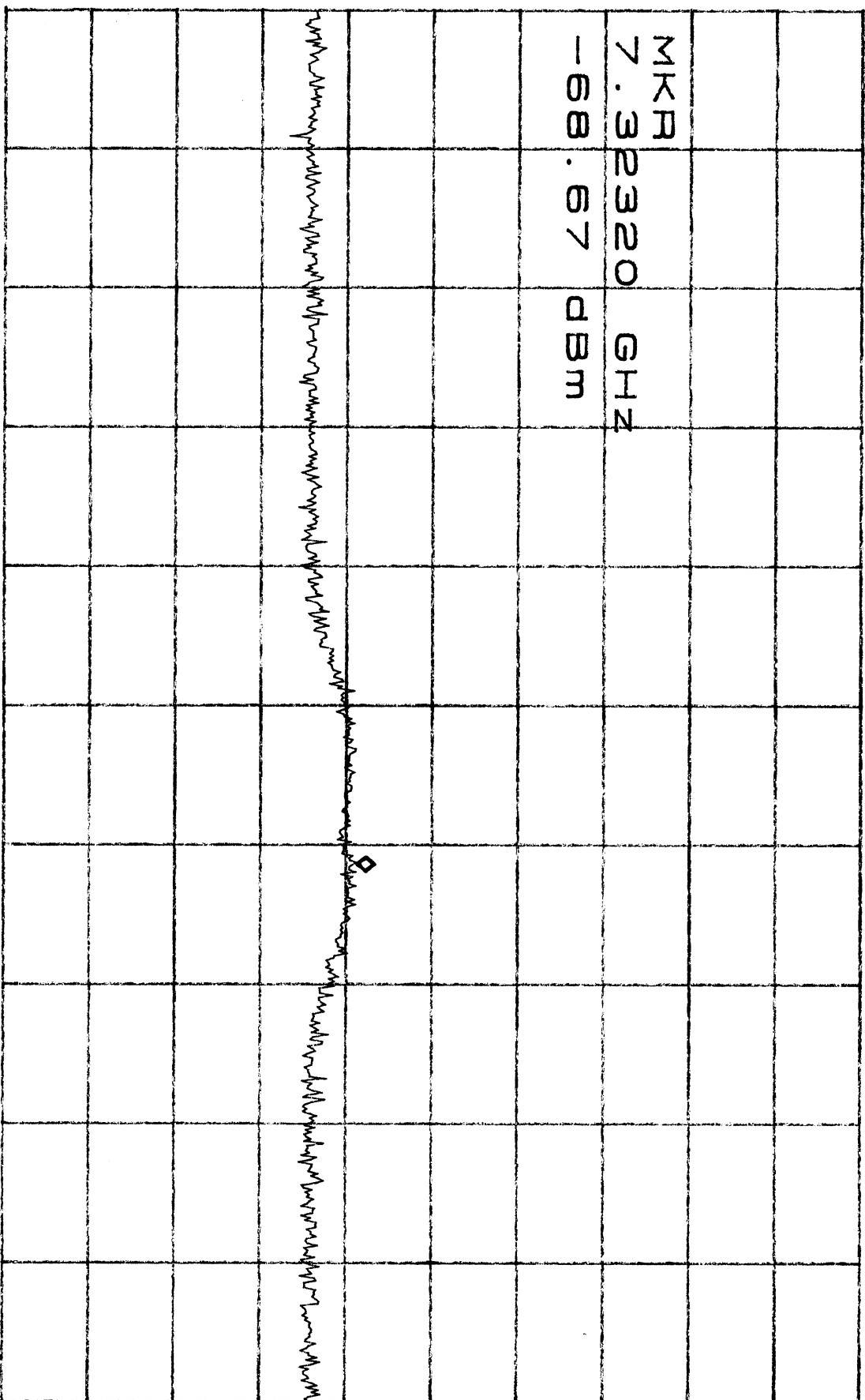
*ATTEN 0dB

MKR -68.67dBm

RL -10.0dBm

10dB/

7.32320GHz



CENTER 7.32207GHz

SPAN 10.00MHz

*RBW 1.0MHz *VBW 1.0MHz

*SWP 50ms

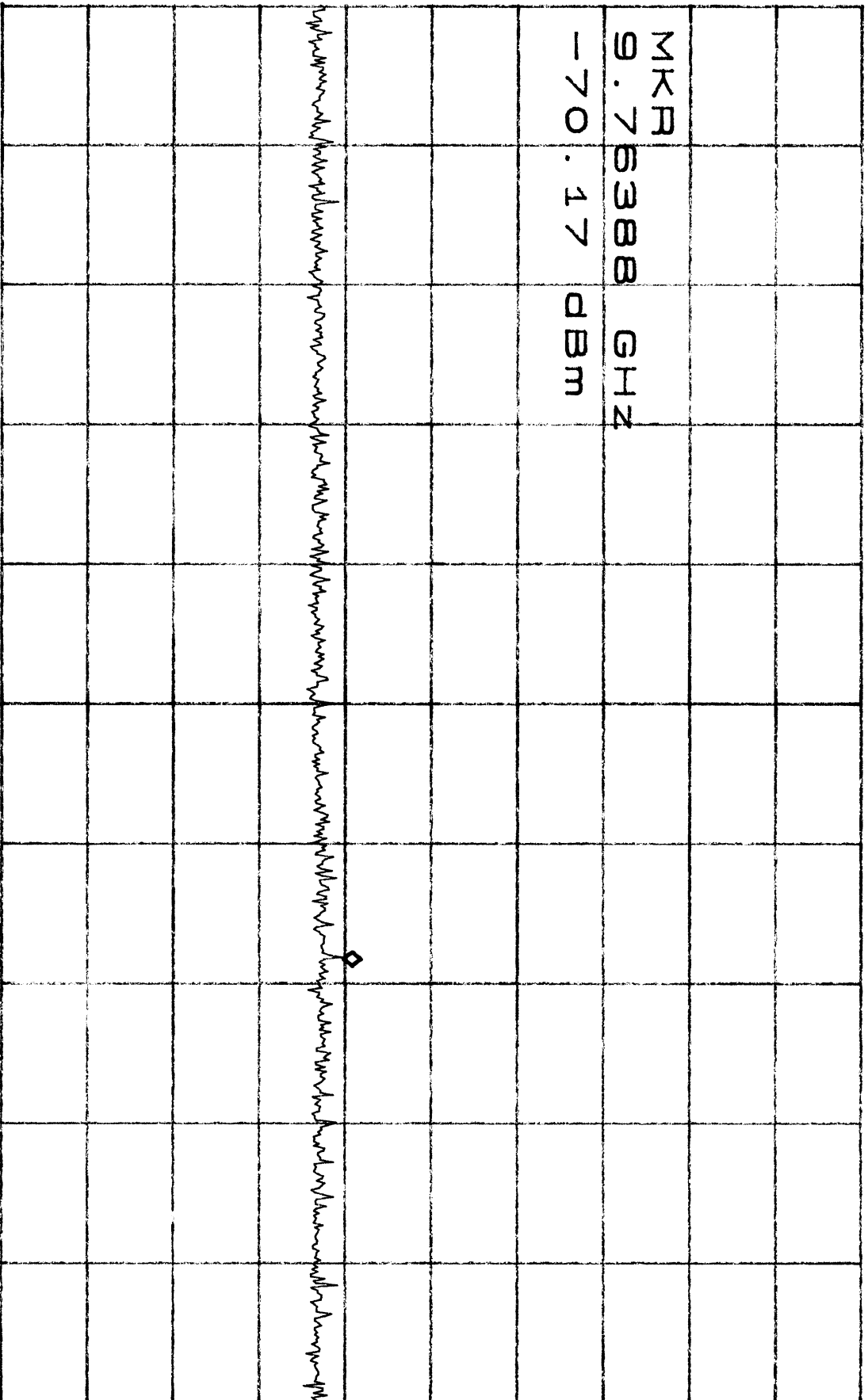
*ATTEN 0dB

MKR -70.17dBm

RL -10.0dBm

10dB/

9.76388GHz



CENTER 9.76207GHz

SPAN 10.00MHz

*RBW 1.0MHz *VBW 1.0MHz

*SWP 50ms

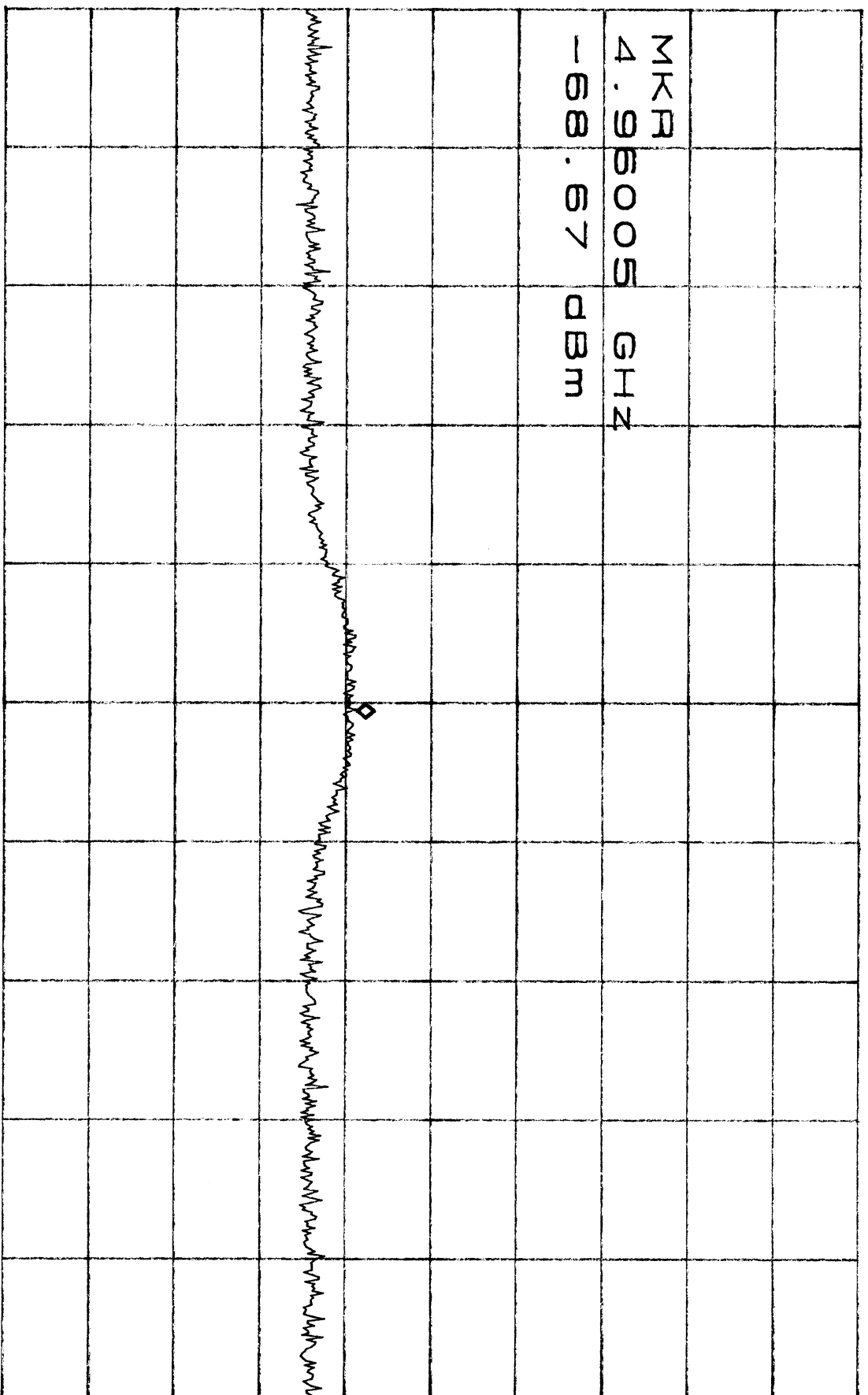
*ATTEN 0dB

MKR -68.67dBm

RL -10.0dBm

10dB/

4.96005GHz



CENTER 4.96000GHz

SPAN 10.00MHz

*RBW 1.0MHz *VBW 1.0MHz

*SWP 50ms

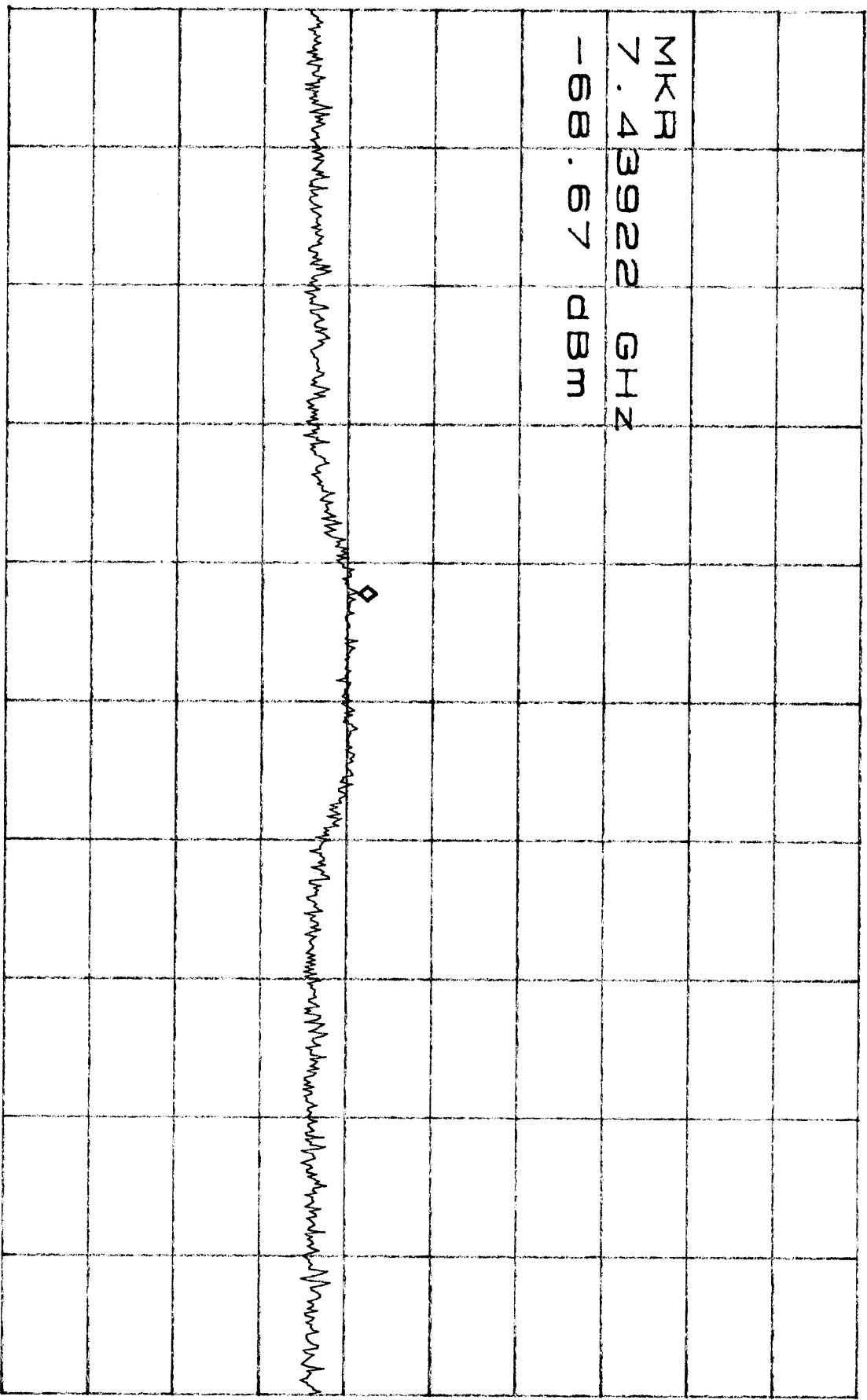
*ATTEN 0dB

MKR -68.67dBm

RL -10.0dBm

10dB/

7.43922GHz



CENTER 7.44000GHz

SPAN 10.00MHz

*RBW 1.0MHz

*VBW 1.0MHz

*SWP 50ms

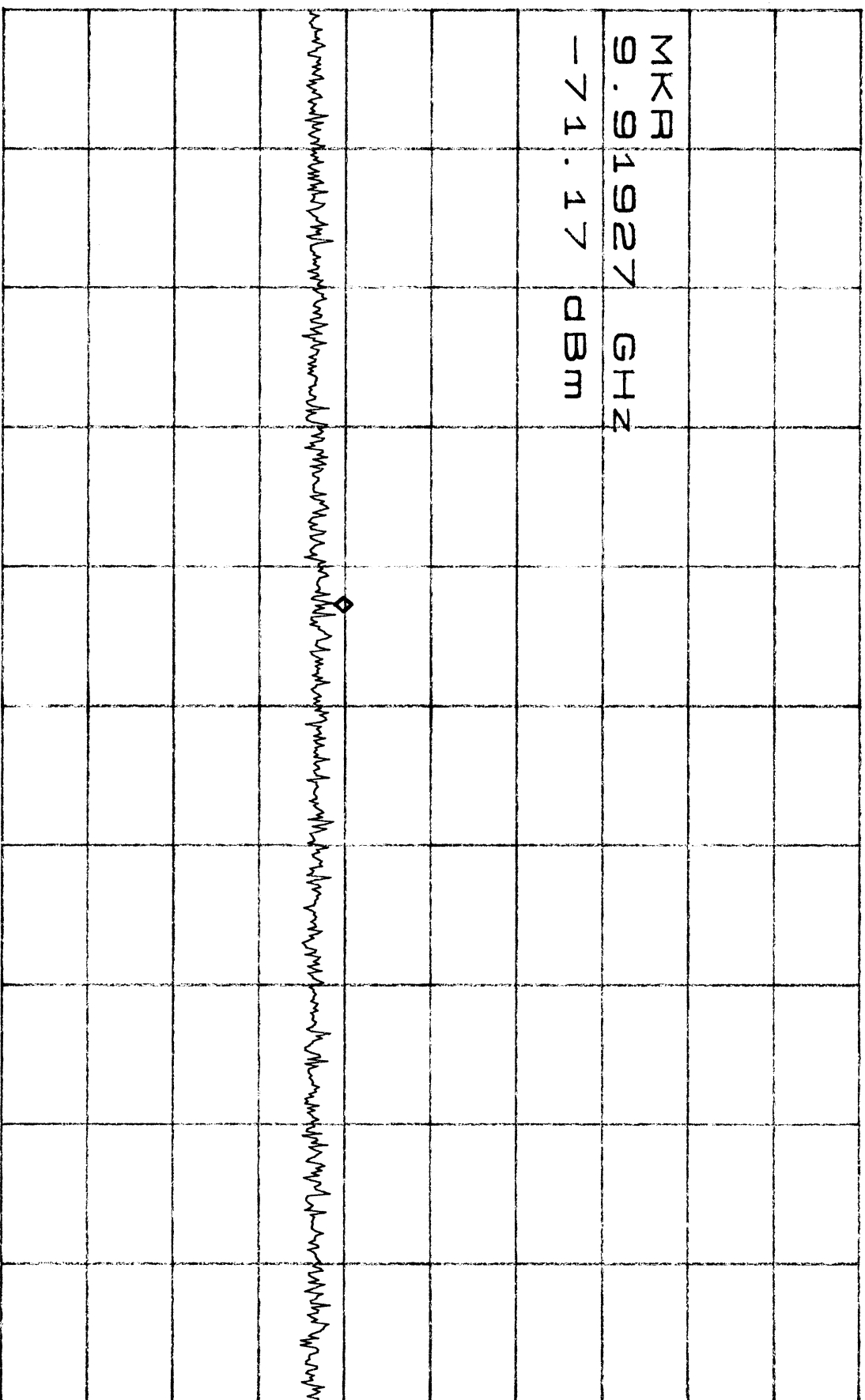
*ATTEN 0dB

MKR -71.17dBm

RL -10.0dBm

10dB/

9.91927GHz



MKR
9.91927 GHz

-71.17 dBm

CENTER 9.92000GHz

SPAN 10.00MHz

*RBW 1.0MHz

*VBW 1.0MHz

*SWP 50ms

The data plots that follow this page have been taken using the following antenna(s)

Antenna Tested: Cushcraft Model PC-2415N - 15 dBi Yagi
Antennas Covered: Cushcraft Model PC-2415N - 15 dBi Yagi

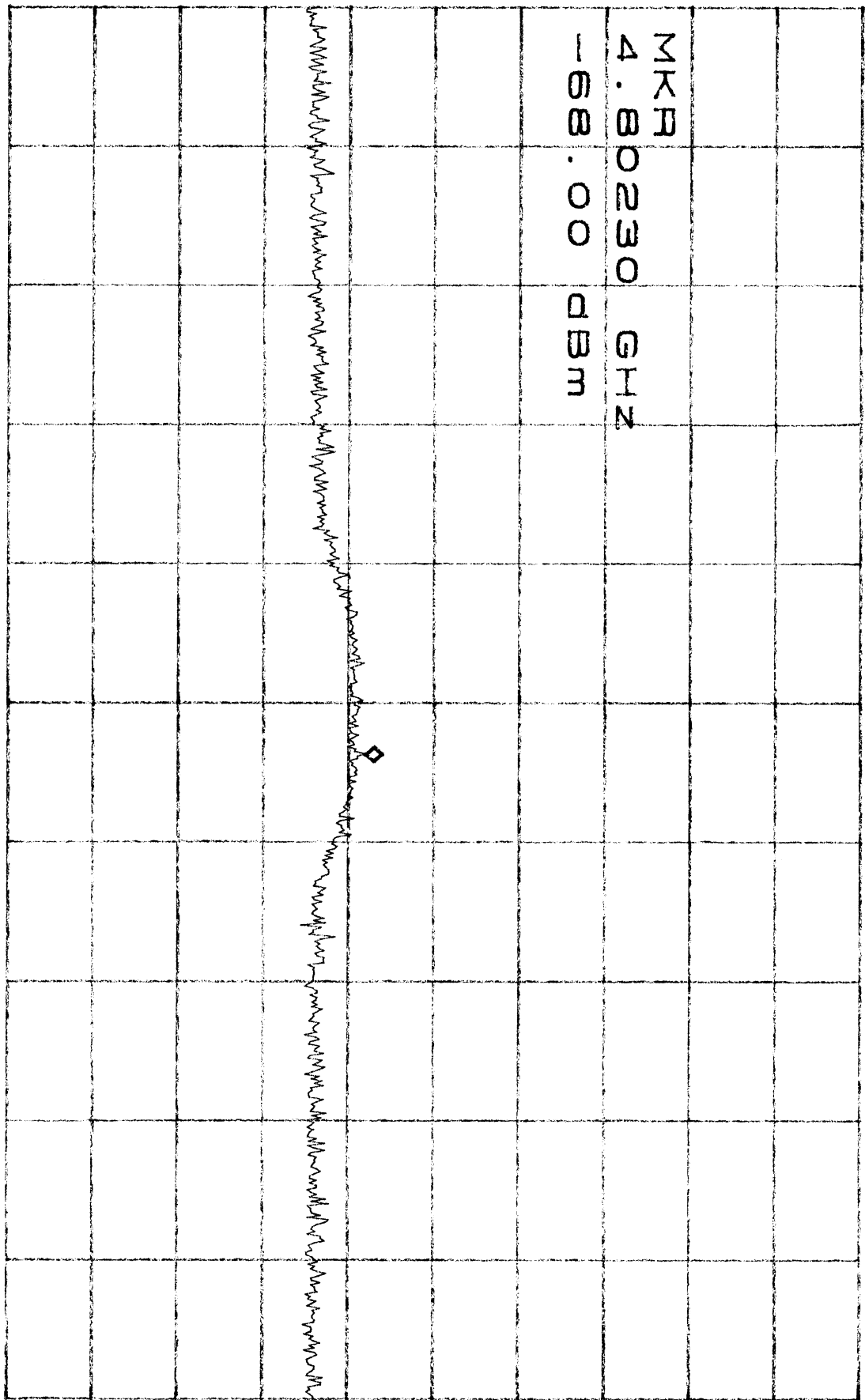
*ATTEN 0DB

MARK 168.00DBM

PL -10.00DBM

10DB/

4.80230GHZ



CENTER 4.80193GHZ

SPAN 10.00MHZ

*RBW 1.0MHZ

*VBW 1.0MHZ

*SWP 50ms

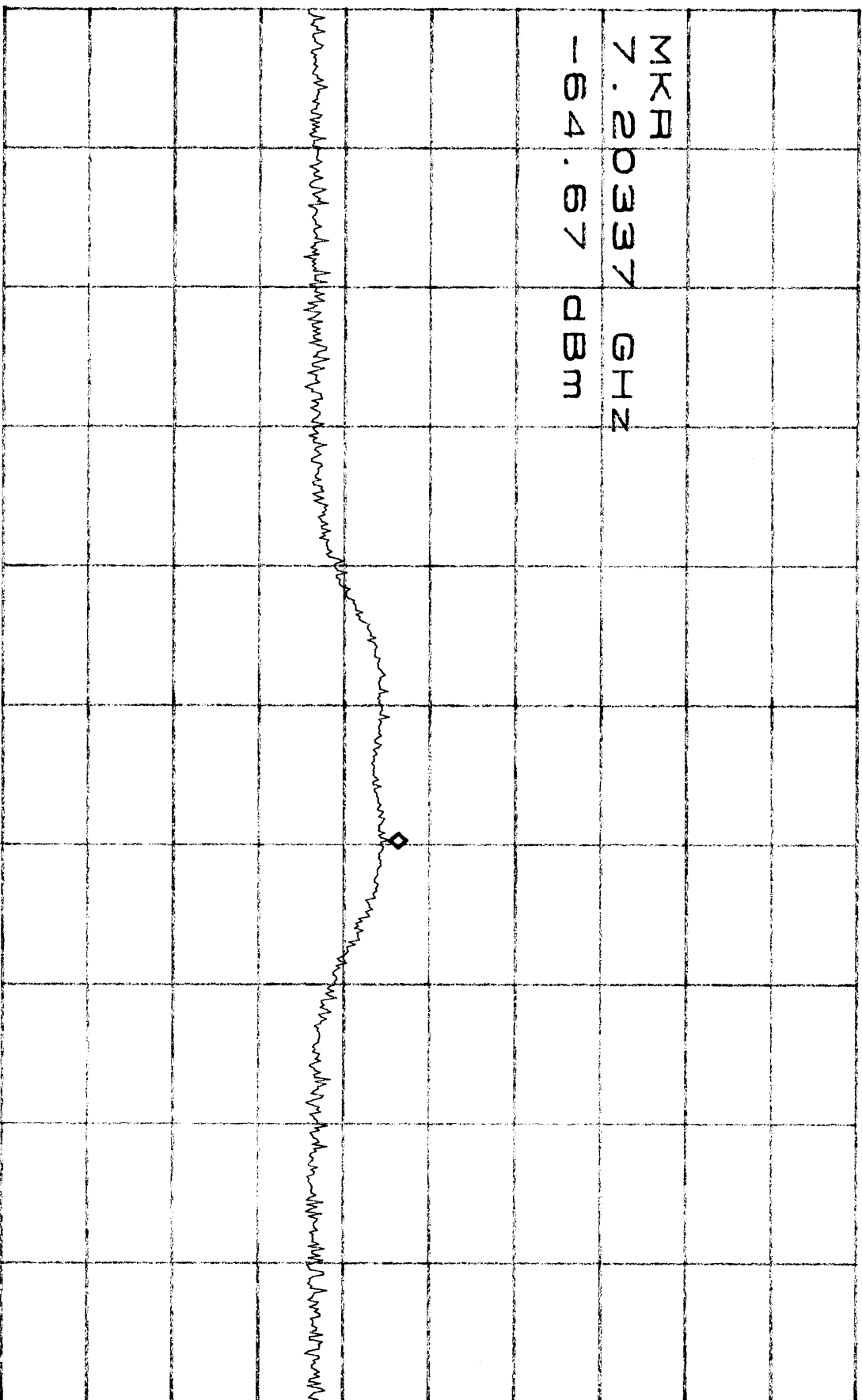
*ATTEN 0DB

MARK 164.67DBM

RL -10.0DBM

10DB/

7.20337GHZ



CENTER 7.20240GHZ

SPAN 10.00MHZ

*RBW 1.0MHZ

*VBW 1.0MHZ

*SWP 50ms

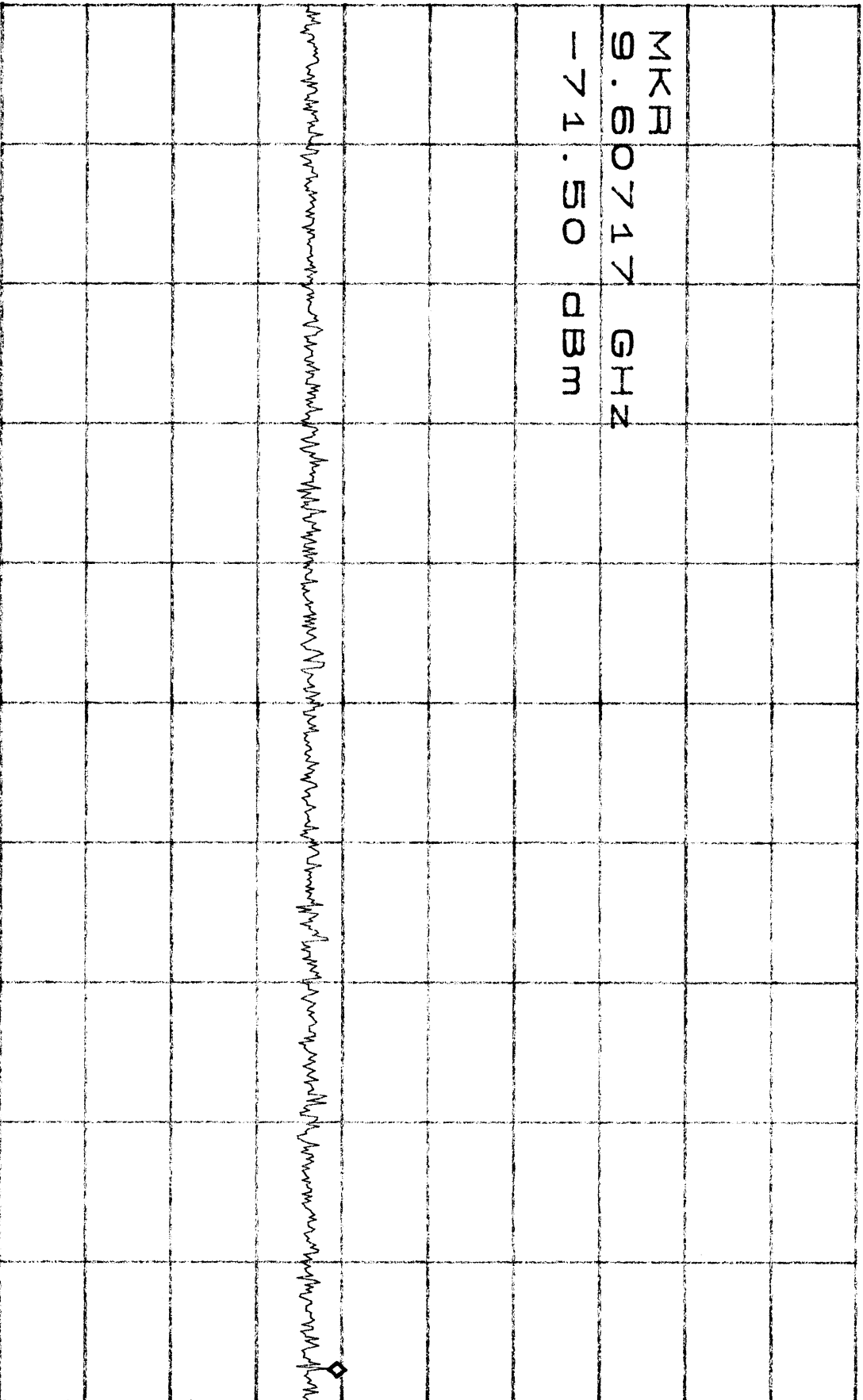
*ATTEN 0dB

MKII -71.50dBm

RL -10.0dBm

10dB/

9.60717GHz



CENTER 9.60240GHz

SPAN 10.00MHz

*RBW 1.0MHz

*VBW 1.0MHz

*SWP 50ms

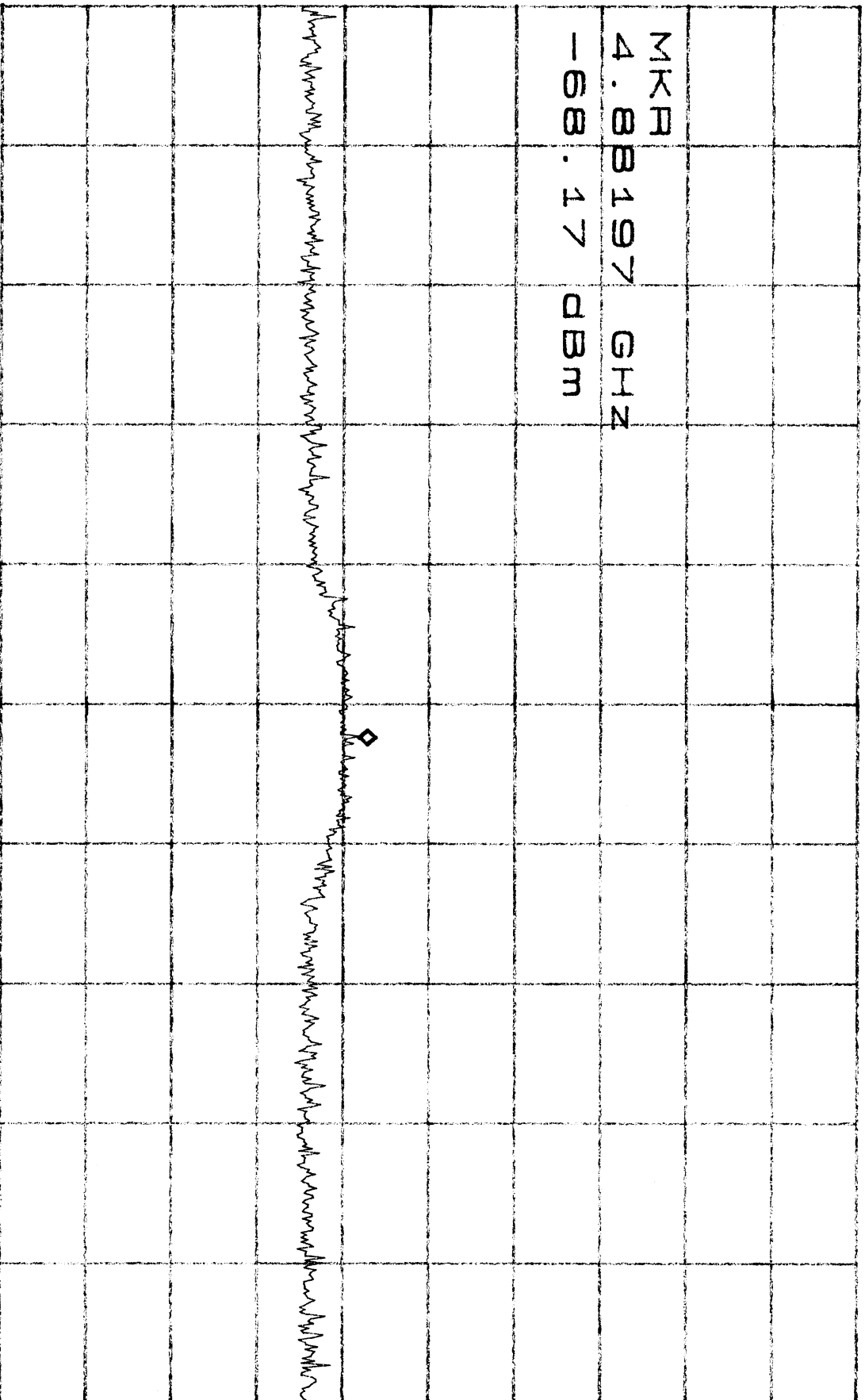
*ATTEN 0DB

MARK -68.17DBM

RL -10.0DBM

10DB/

4.88197GHZ



CENTER 4.88173GHZ

SPAN 10.00MHZ

*RBW 1.0MHZ *VBW 1.0MHZ

*SWP 50ms

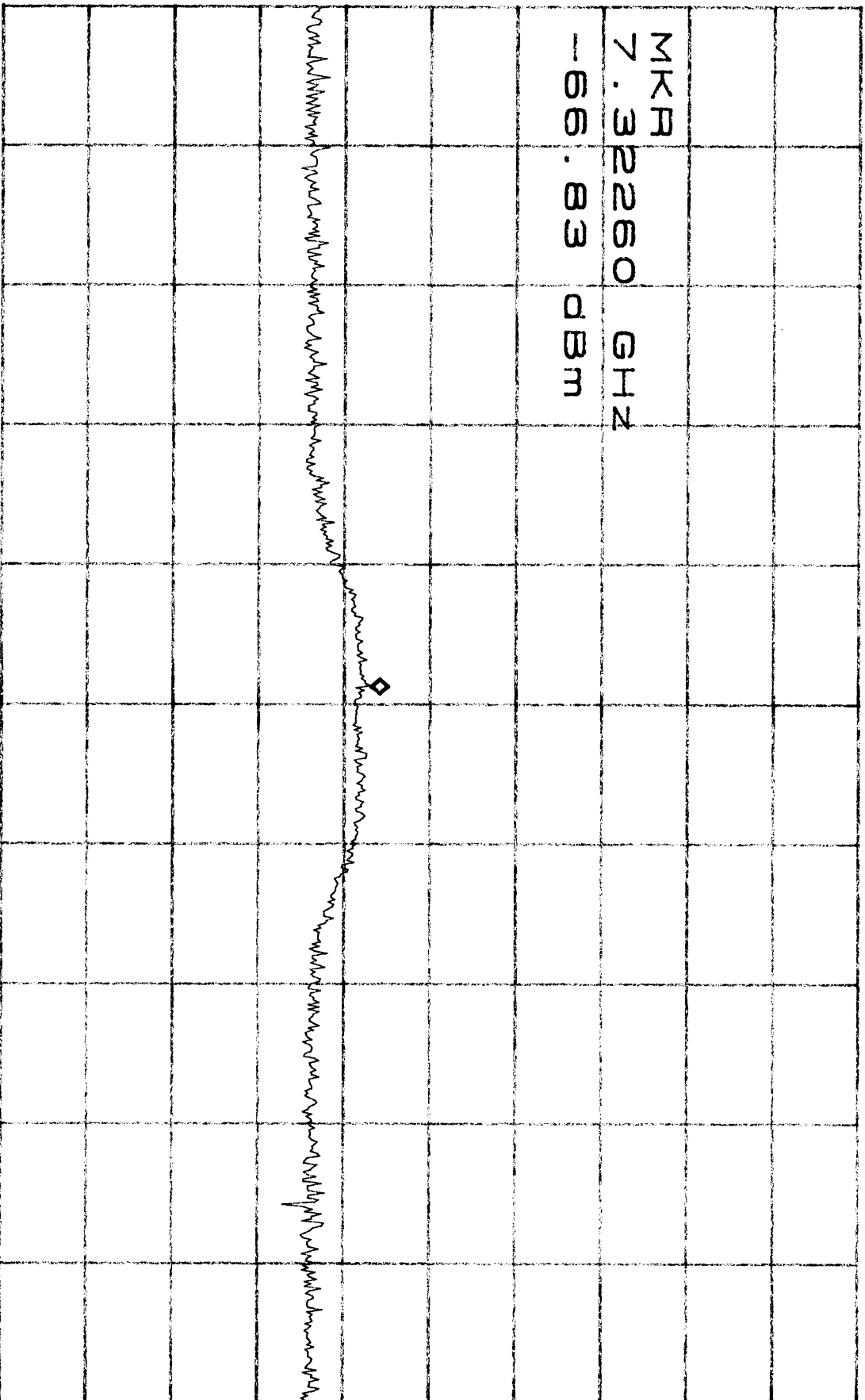
*ATTEN 0dB

MKR -66.83dBm

RL -10.0dBm

10dB/

7.32260GHz



MKR
7.32260 GHz

-66.83 dBm

CENTER 7.32273GHz

SPAN 10.00MHz

*RBW 1.0MHz *VBW 1.0MHz

*SWP 50ms

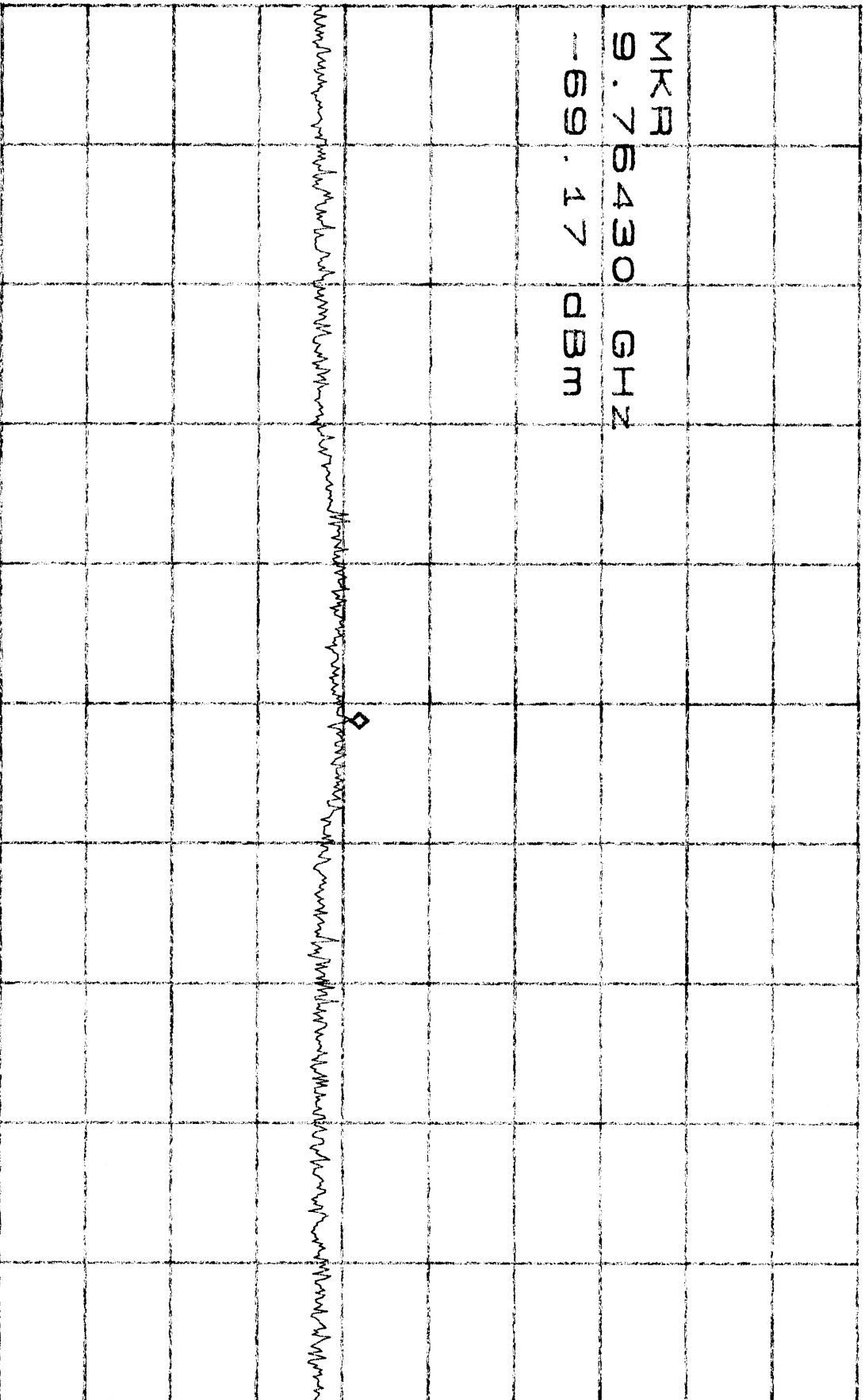
*ATTEN 0dB

MKR -69.17dBm

RL -10.0dBm

10dB/

9.76430GHz



MKR
9.76430 GHz

-69.17 dBm

CENTER 9.76418GHz

SPAN 10.00MHz

*RBW 1.0MHz *VBW 1.0MHz

*SWP 50ms

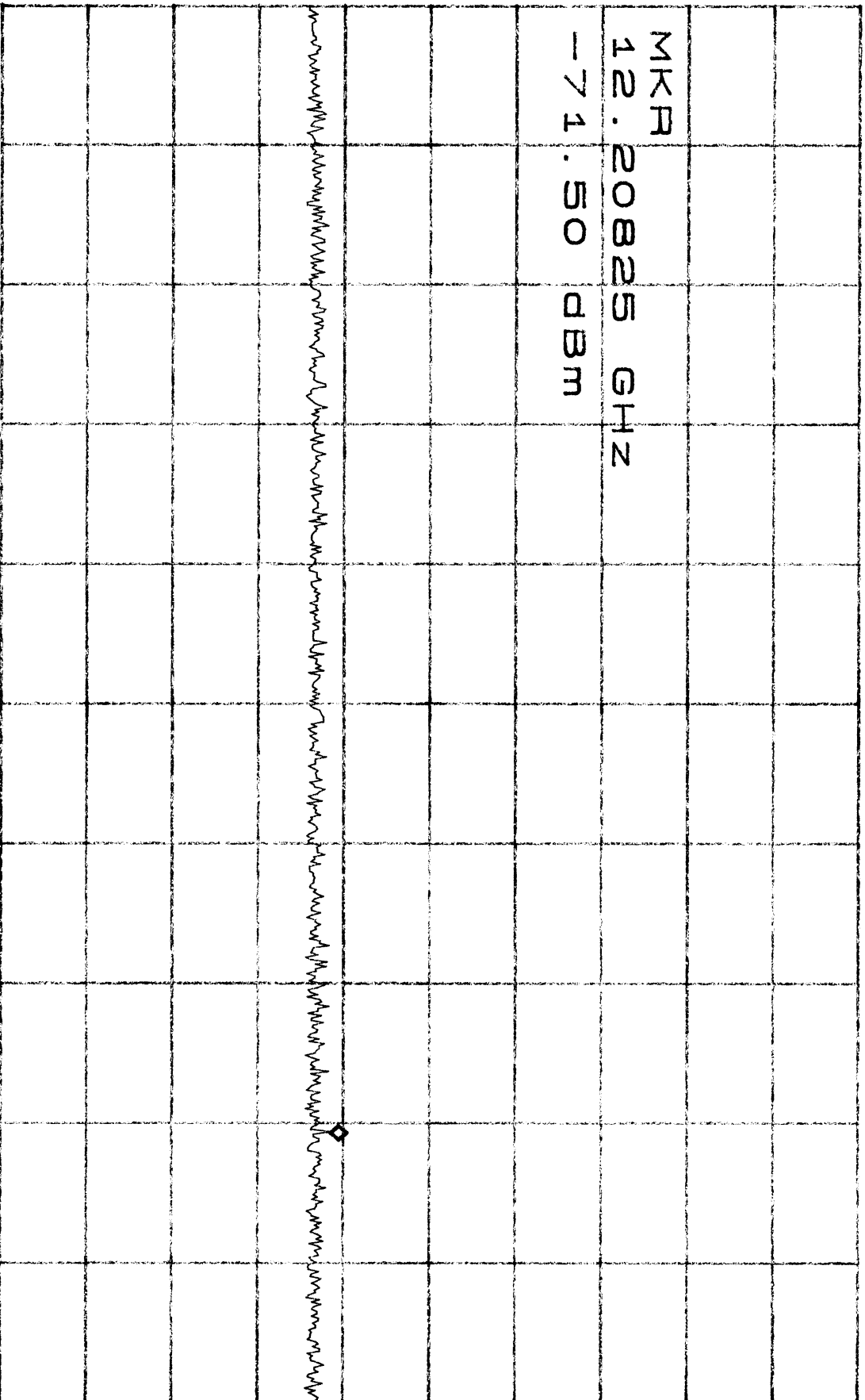
*ATTEN 0dB

MKR -71.50dBm

RL -10.0dBm

10dB/

12.20825GHz



CENTER 12.20518GHz

SPAN 10.00MHz

*RBW 1.0MHz *VBW 1.0MHz

*SWP 50ms

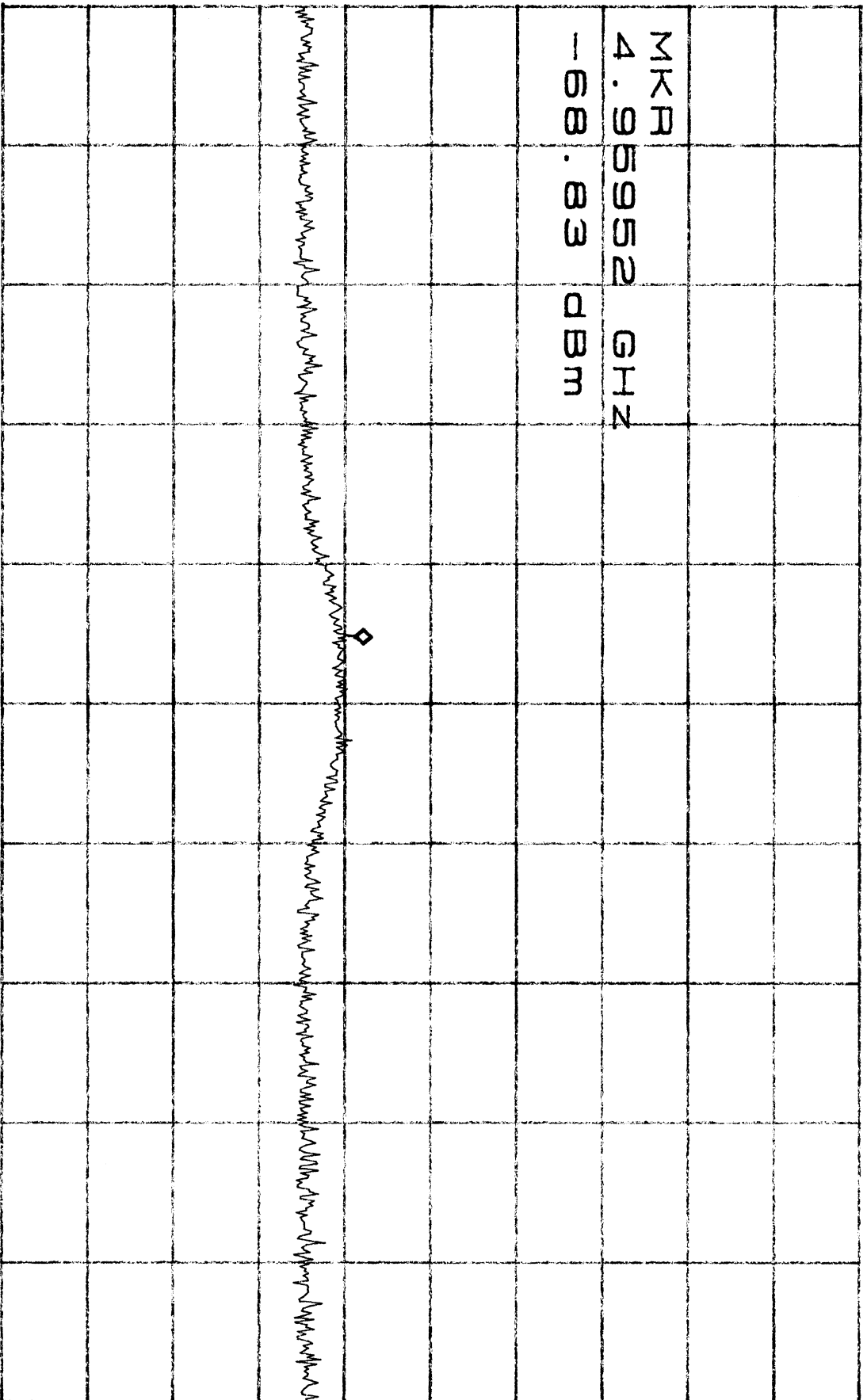
*ATTEN 0dB

MKII 168.83dBm

RL -10.0dBm

10dB/

4.95952GHz



CENTER 4.96000GHz

SPAN 10.00MHz

*RBW 1.0MHz *VBW 1.0MHz

*SWP 50ms

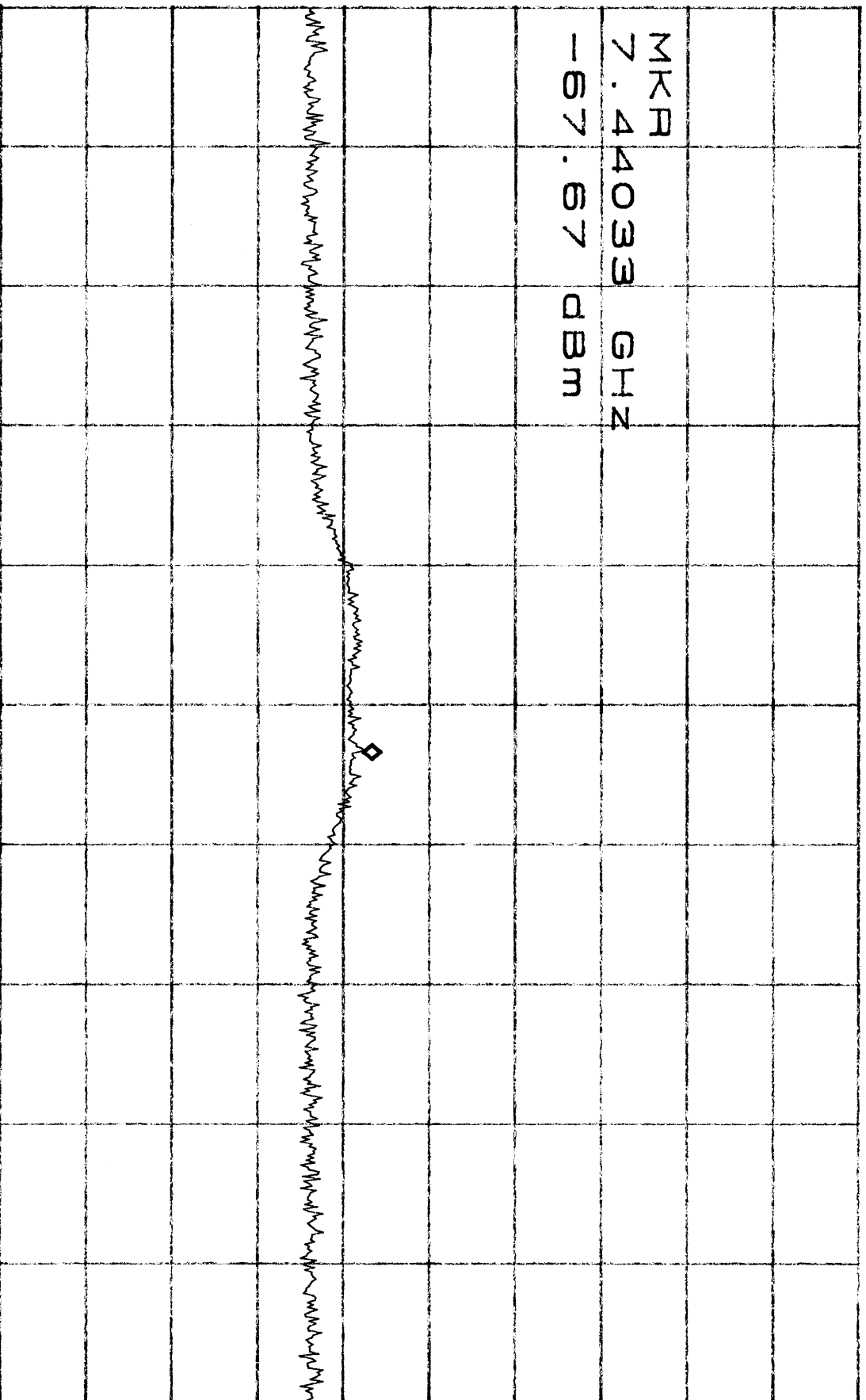
*ATTEN 0dB

MKR -67.67dBm

RL -10.0dBm

10dB/

7.44033GHz



CENTER 7.44000GHz

SPAN 10.00MHz

*RBW 1.0MHz *VBW 1.0MHz

*SWP 50ms

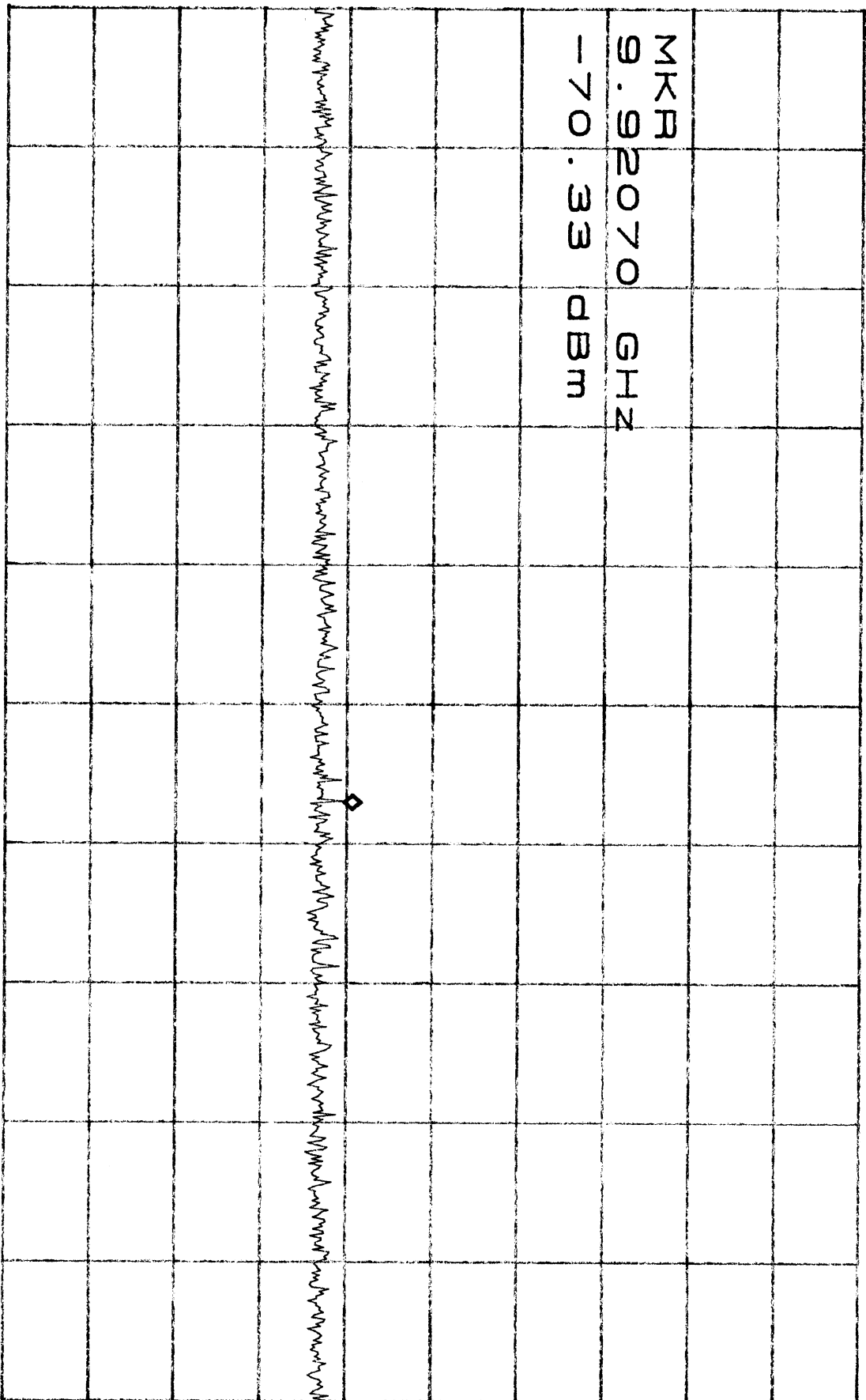
*ATTEN 0dB

MKR -70.33dBm

RL -10.0dBm

10dB/

9.92070GHz



MKR
9.92070 GHz

-70.33 dBm

CENTER 9.92000GHz

SPAN 10.00MHz

*RBW 1.0MHz *VBW 1.0MHz

*SWP 50ms