

Certification Test Report

433.92 MHz Alarm System

FCC ID: Q6K 1000-7251

FCC Rule Part: 15.231

ACS Report Number: 04-0056-15C231

Manufacturer: 3SI Security Systems
Model: MCU

Data Plots A

Data Plots

ACS Report Number: 04-0056-15C231

Manufacturer: 3SI Security Systems
Model: MCU

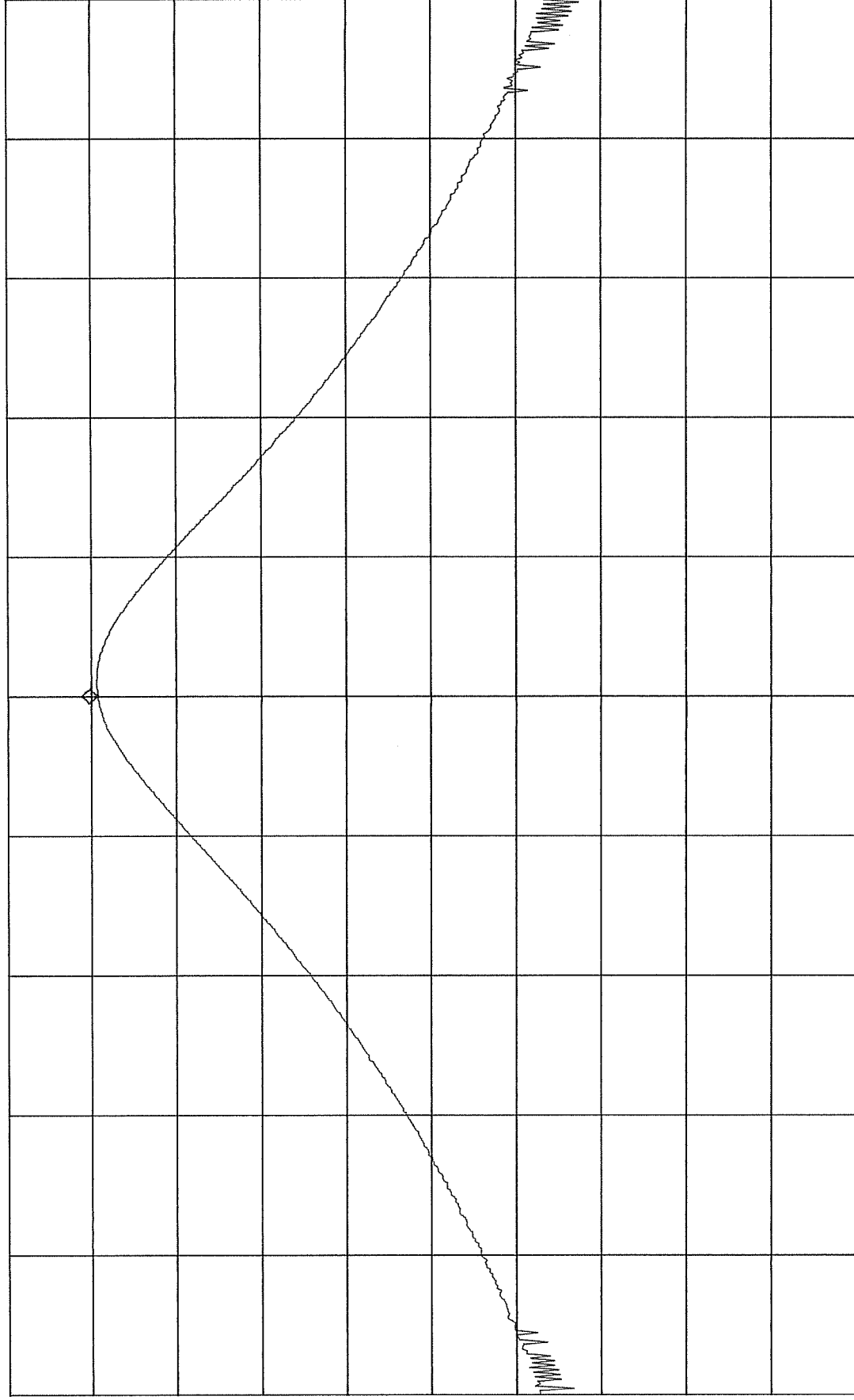
Test: Peak Power

ATTEN 10dB

RL 97.0dB μ V

MKR 86.33dB μ V

433.975MHz 10dB/



CENTER 433.975MHz

*RBW 100kHz

*VBW 300kHz

SPAN 1.000MHz

SWP 50.0ms

Data Plots

ACS Report Number: 04-0056-15C231

Manufacturer: 3SI Security Systems
Model: MCU

Test: Bandwidth Limitation

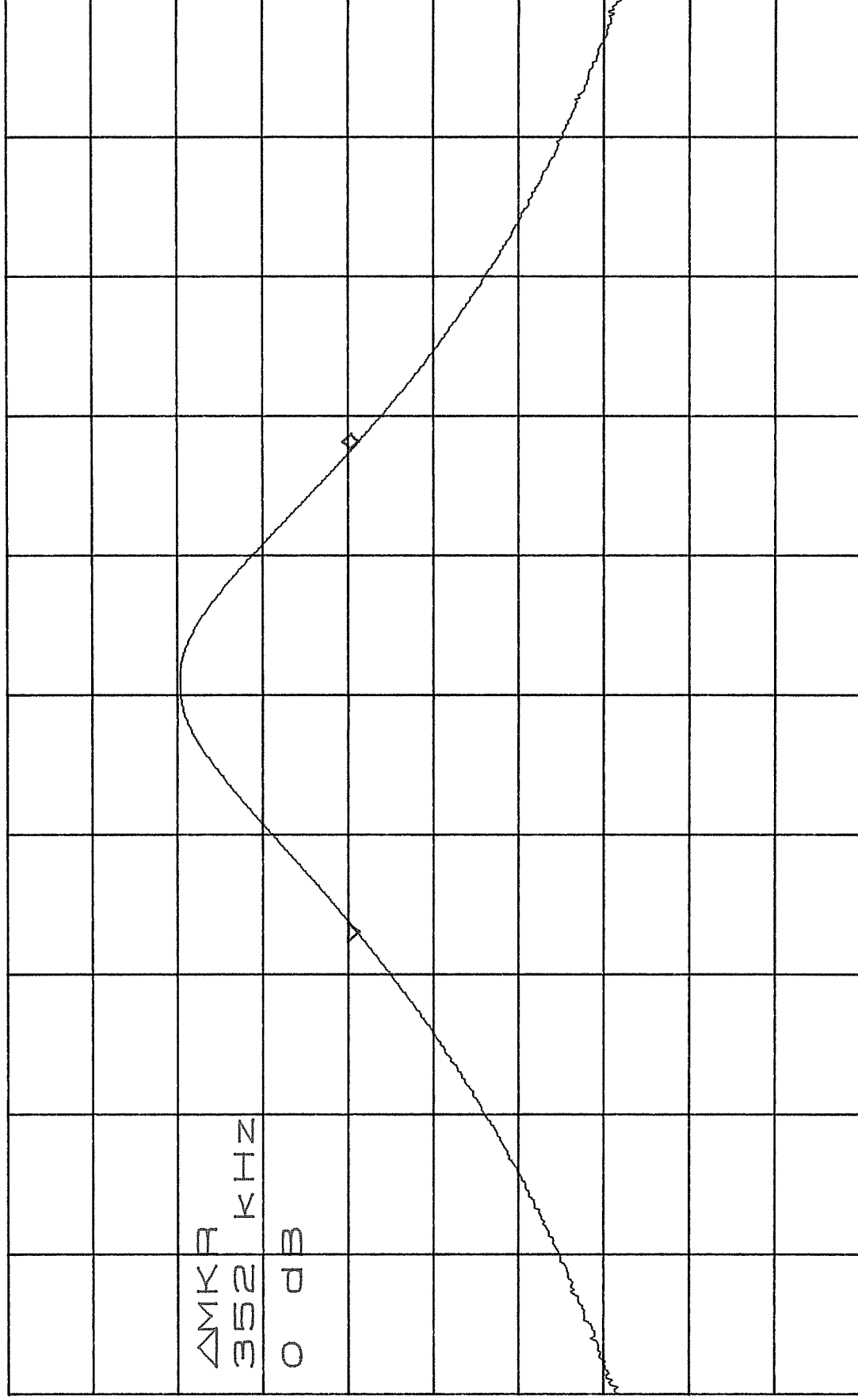
ATTEN 10dB

ΔMKR 0dB

RL 107.0dBμV

10dB/

352kHz



ΔMKR
352 KHZ
0 DB

CENTER 433.980MHZ

SPAN 1.000MHZ

*RBW 100KHZ

*VBW 300KHZ

SWP 50.0ms

Data Plots

ACS Report Number: 04-0056-15C231

Manufacturer: 3SI Security Systems
Model: MCU

Test: Spurious Emissions

ATTEN 10dB

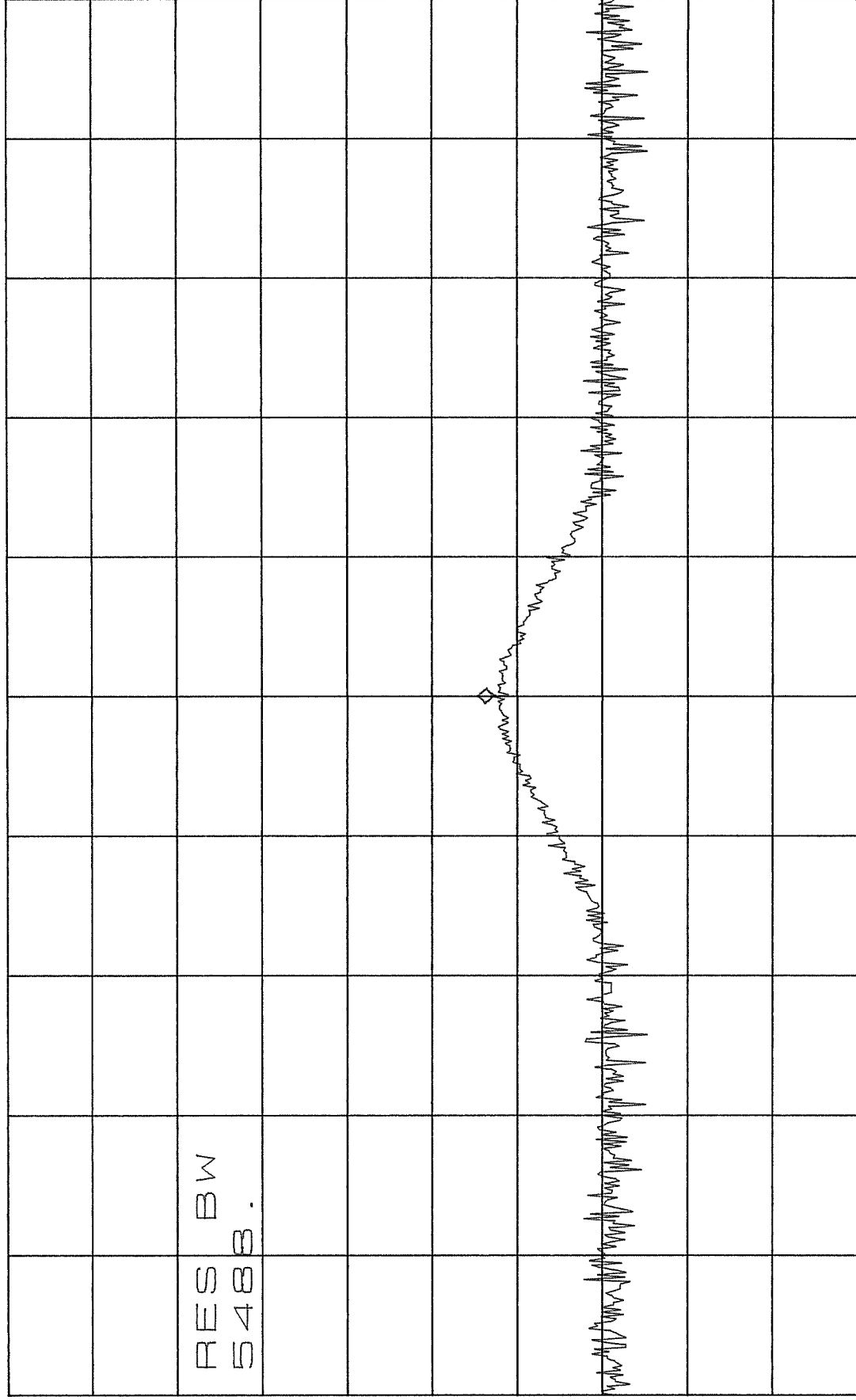
MKR 39.83dBμV

RL 97.0dBμV

10dB/

867.977MHz

RES BW
5488.



CENTER 867.977MHz

SPAN 1.000MHz

*RBW 100kHz

*VBW 300kHz

SWP 50.0ms

ATTEN 10dB

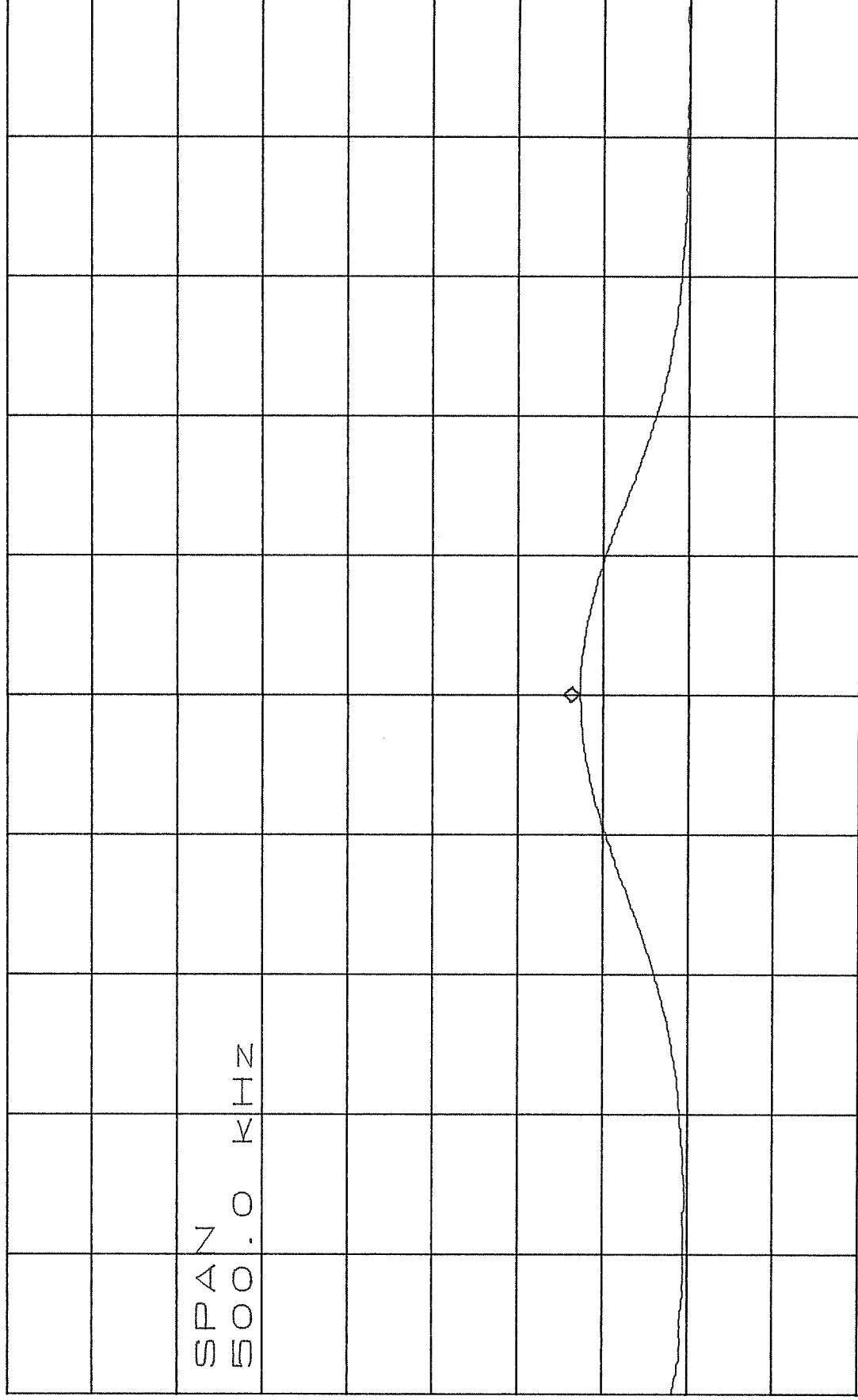
RL 97.0dBμV

MKR 29.83dBμV

10dB/
867.9767MHz

SPAN
500.0KHz

D



CENTER 867.9767MHz

*RBW 100KHz *VBW 10Hz

SPAN 500.0KHz

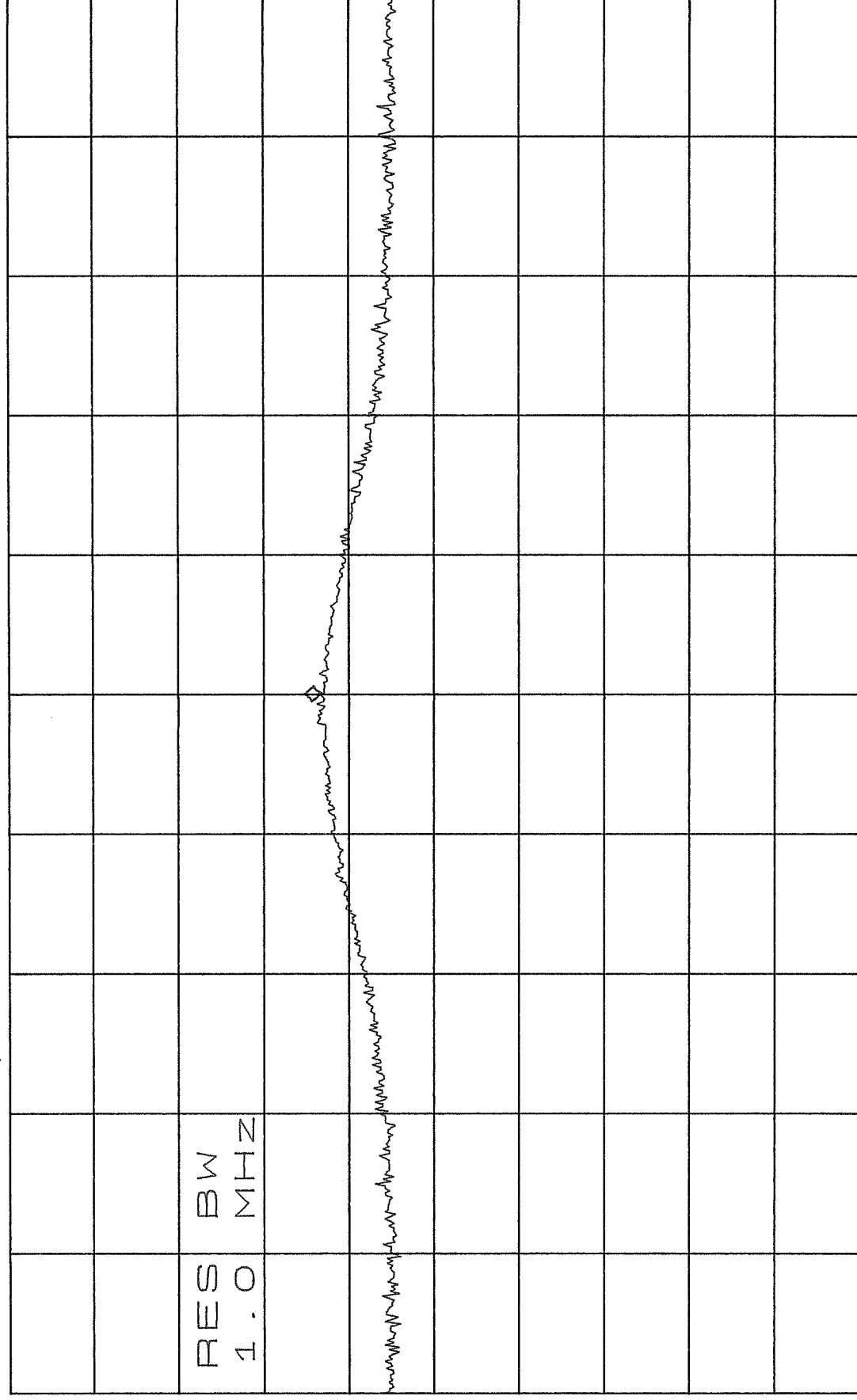
SWP 5.00sec

ATTEN 10dB

MKR 50.33dB μ V

RL 87.0dB μ V

10dB/ 1.302083GHz



CENTER 1.302083GHz

SPAN 5.000MHz

*RBW 1.0MHz

*VBW 1.0MHz

SWP 50.0ms

ATTEN 10dB

MKR 45.83dB μ V

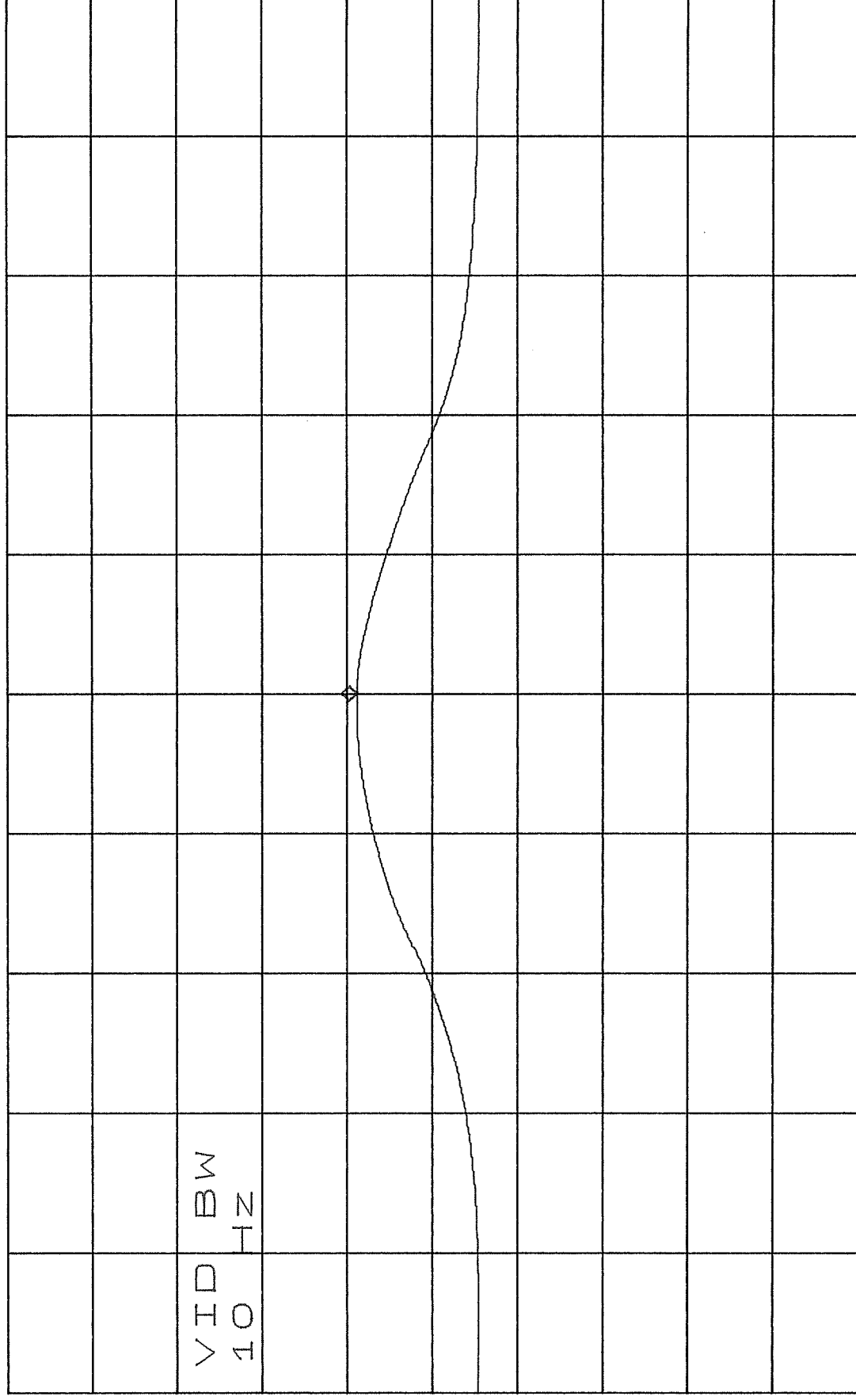
RL 87.0dB μ V

1.302083GHz

10dB/

VID BW
10 Hz

D



CENTER 1.302083GHz

SPAN 5.000MHz

*RBW 1.0MHz

*VBW 10Hz

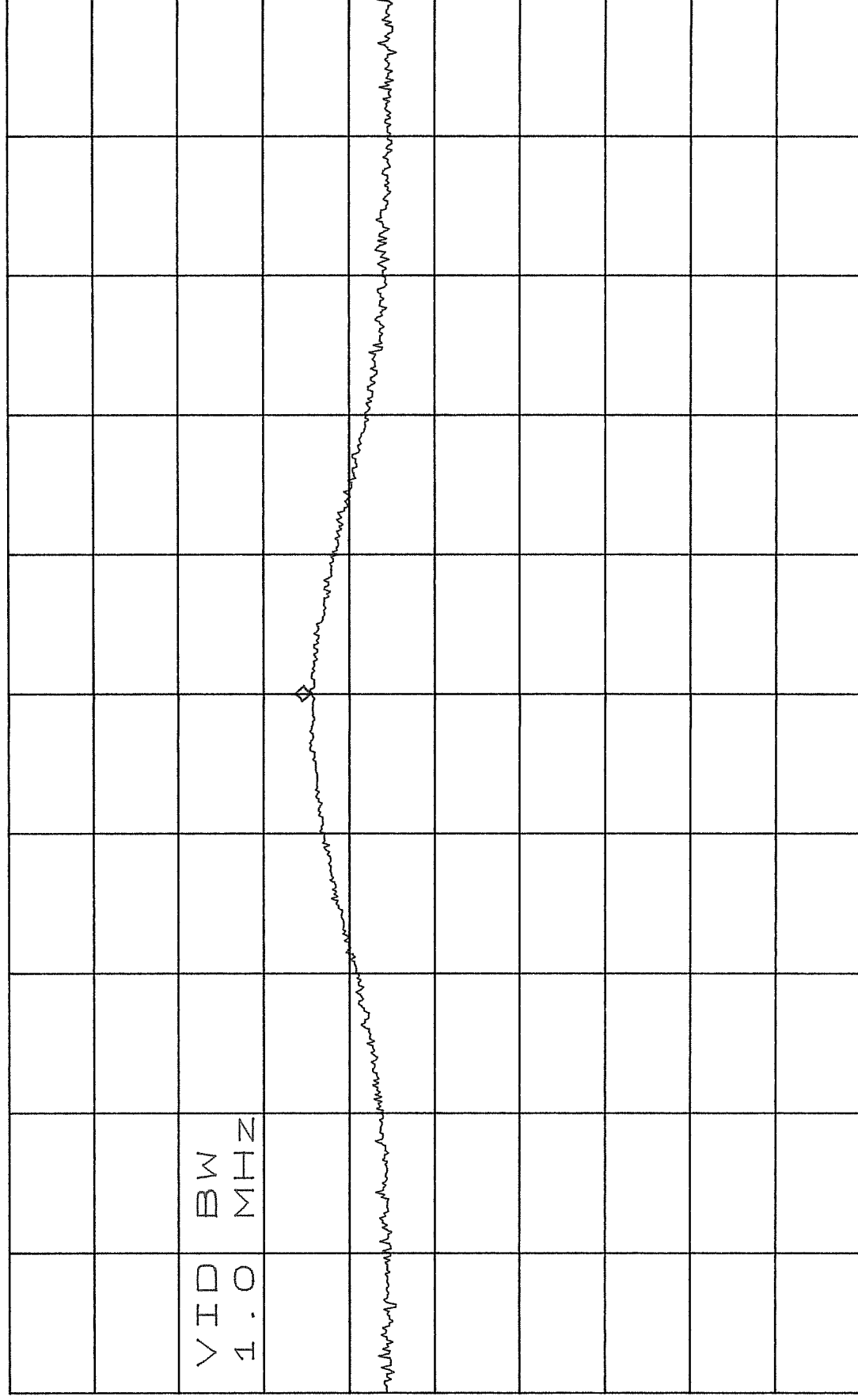
SWP 5.00sec

ATTEN 10dB

MKR 51.50dB μ V

RL 87.0dB μ V

10dB/
1.302083GHz



CENTER 1.302083GHz

SPAN 5.000MHz

*RBW 1.0MHz

*VBW 1.0MHz

SWP 50.0ms

ATTEN 10dB

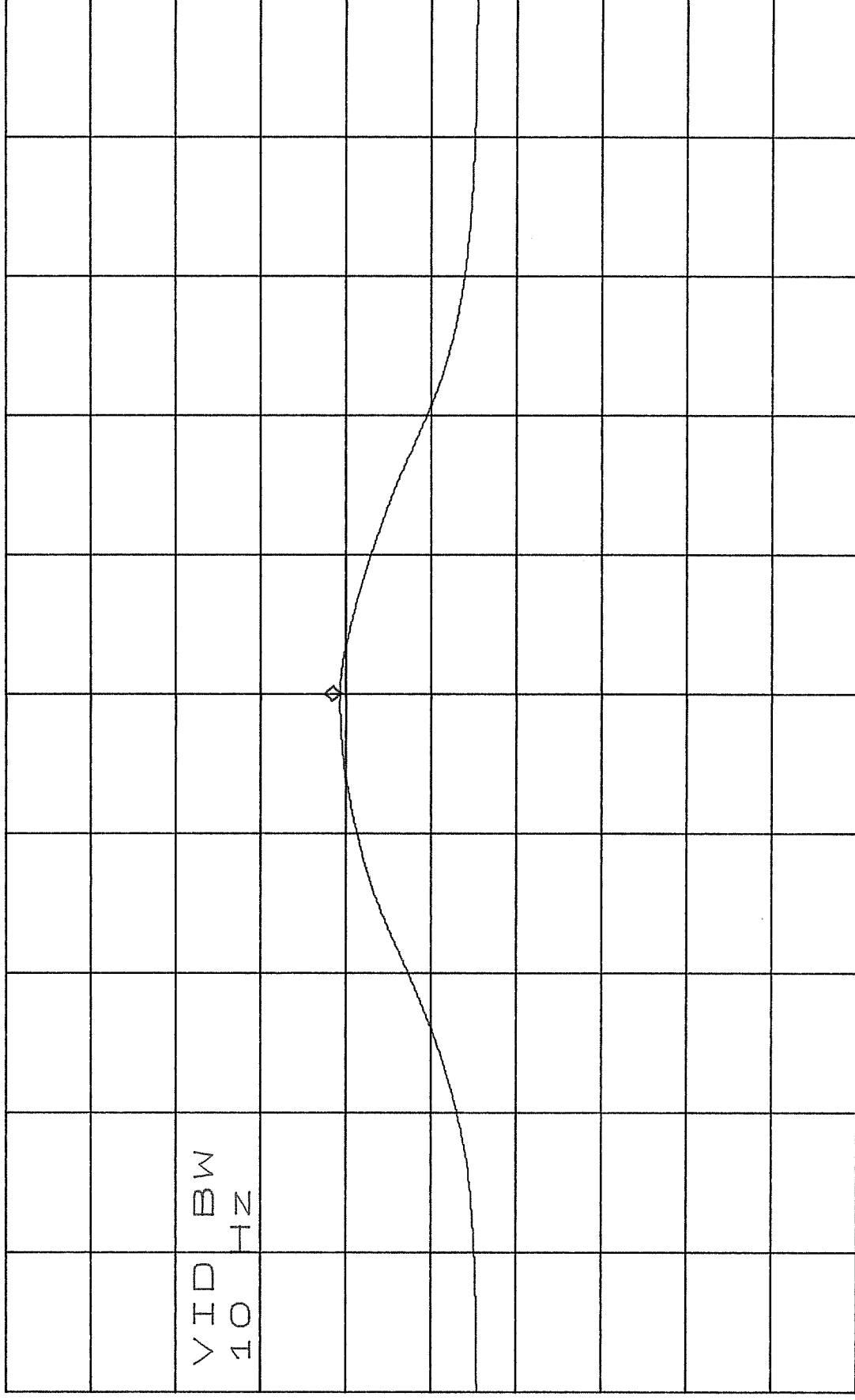
MKR 47.67dB μ V

RL 87.0dB μ V

10dB/ 1.302083GHz

VID BW
10 Hz

D



CENTER 1.302083GHz

SPAN 5.000MHz

*RBW 1.0MHz

*VBW 10Hz

SWP 5.00sec

ATTEN 10dB

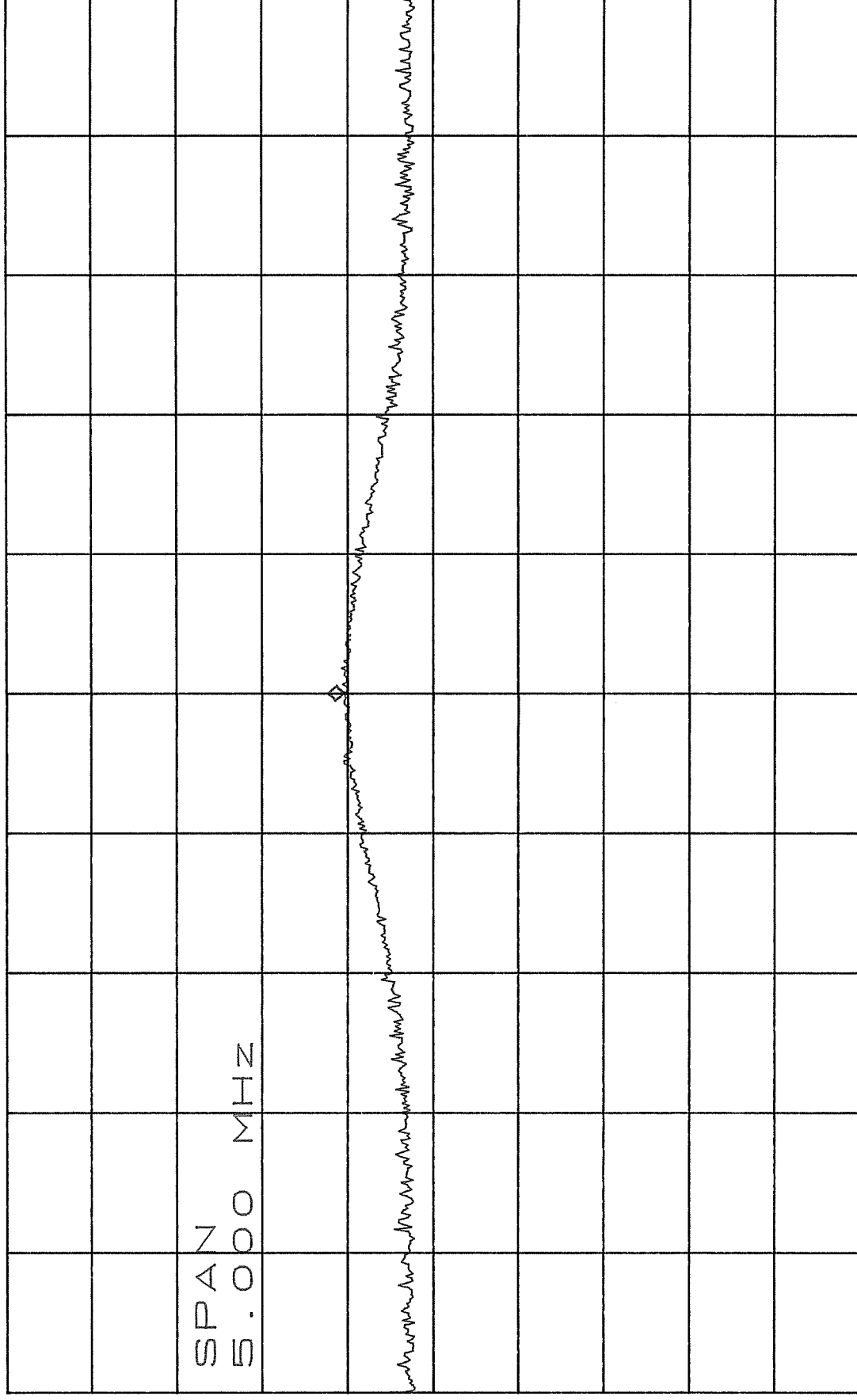
MKR 47.50dB μ V

RL 87.0dB μ V

10dB/

1.735962GHz

SPAN
5.000 MHz



CENTER 1.735962GHz

SPAN 5.000MHz

*RBW 1.0MHz

*VBW 1.0MHz

SWP 50.0ms

ATTEN 10dB

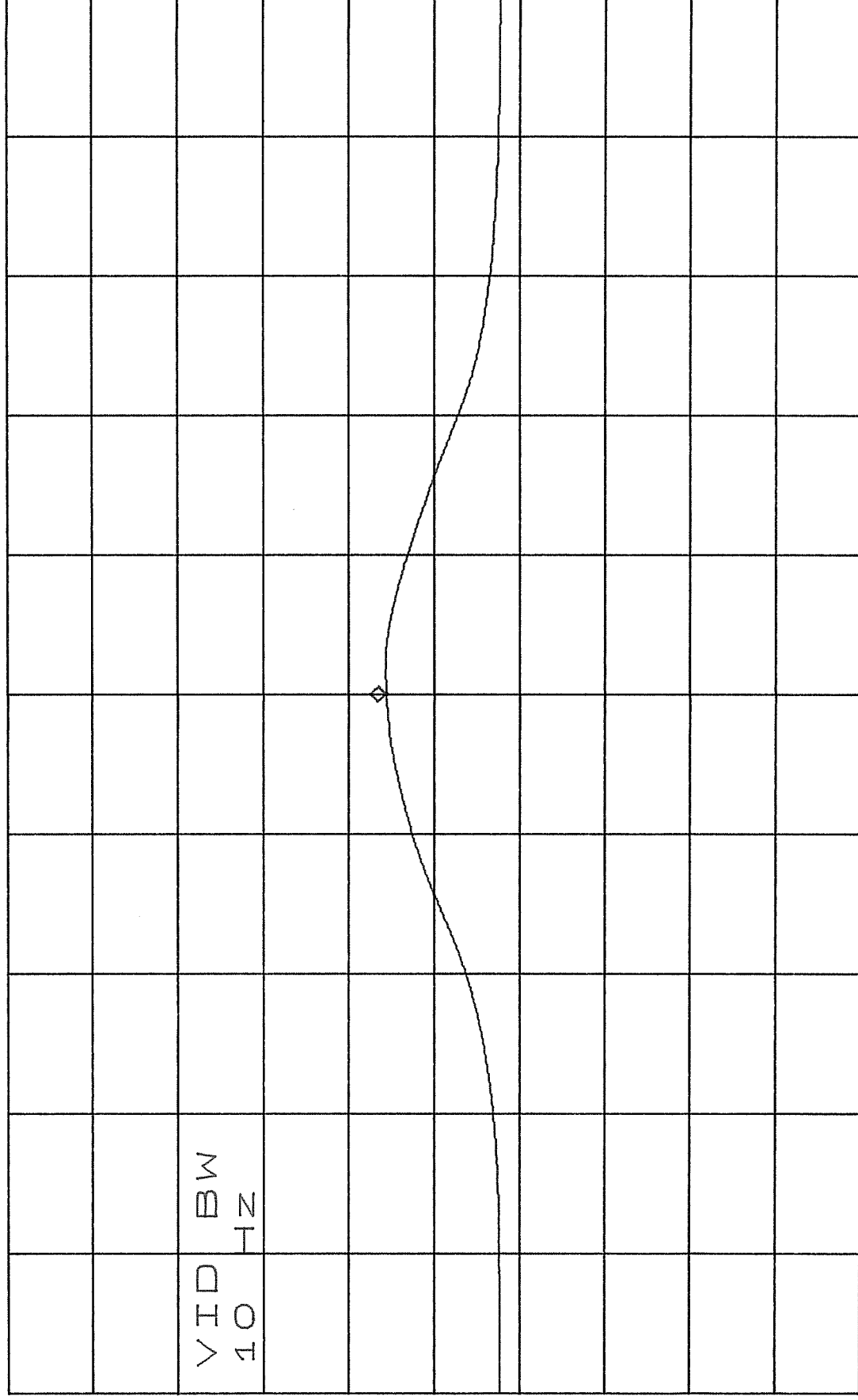
MKR 42.67dB μ V

RL 87.0dB μ V

10dB/ 1.735962GHz

VID BW
10 Hz

D



CENTER 1.735962GHz

SPAN 5.000MHz

*RBW 1.0MHz

*VBW 10Hz

SWP 5.00sec

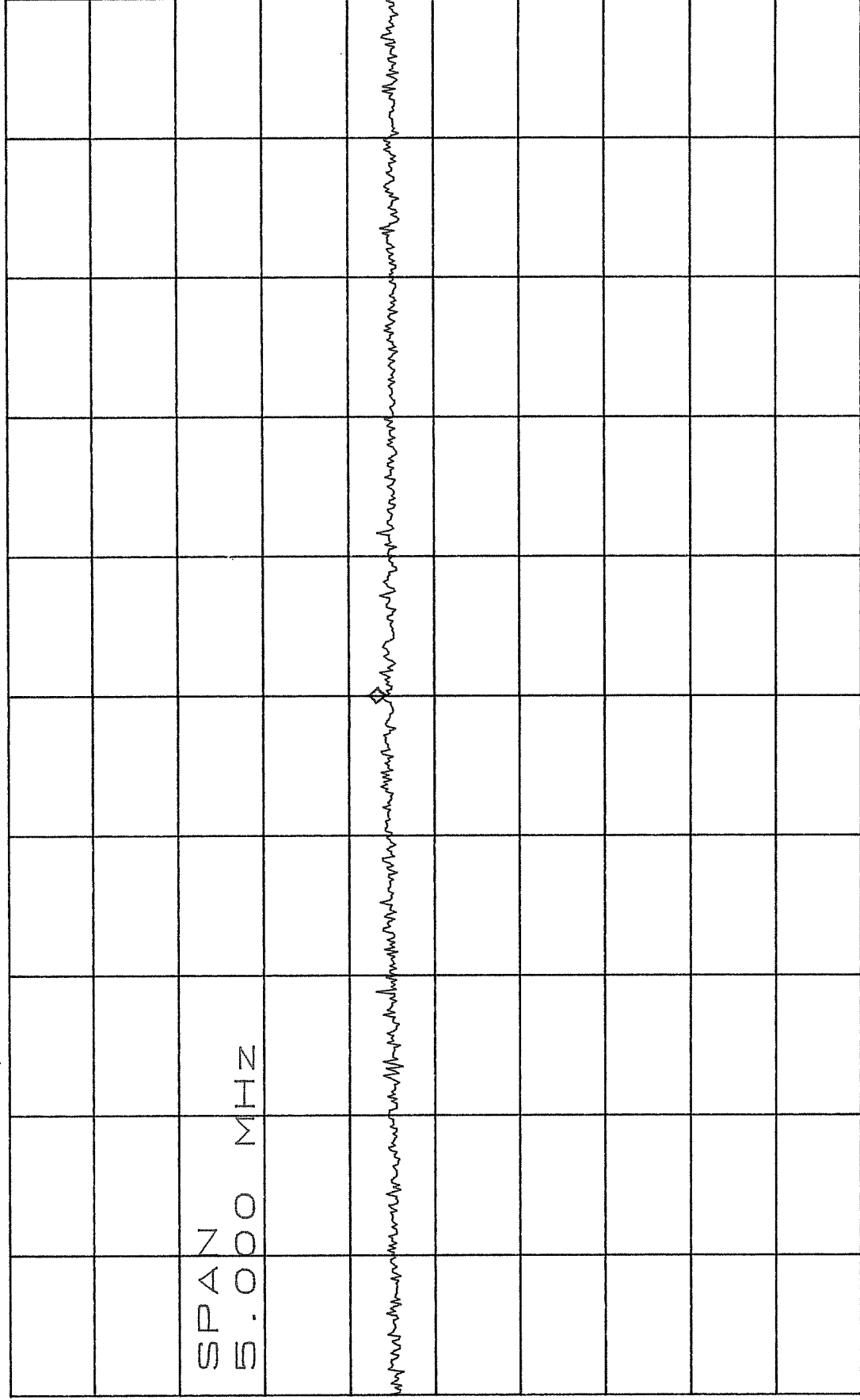
ATTEN 10dB

MKR 42.83dBμV

RL 87.0dBμV

10dB/

2.170083GHz



CENTER 2.170083GHz

SPAN 5.000MHz

*RBW 1.0MHz

*VBW 1.0MHz

SWP 50.0ms

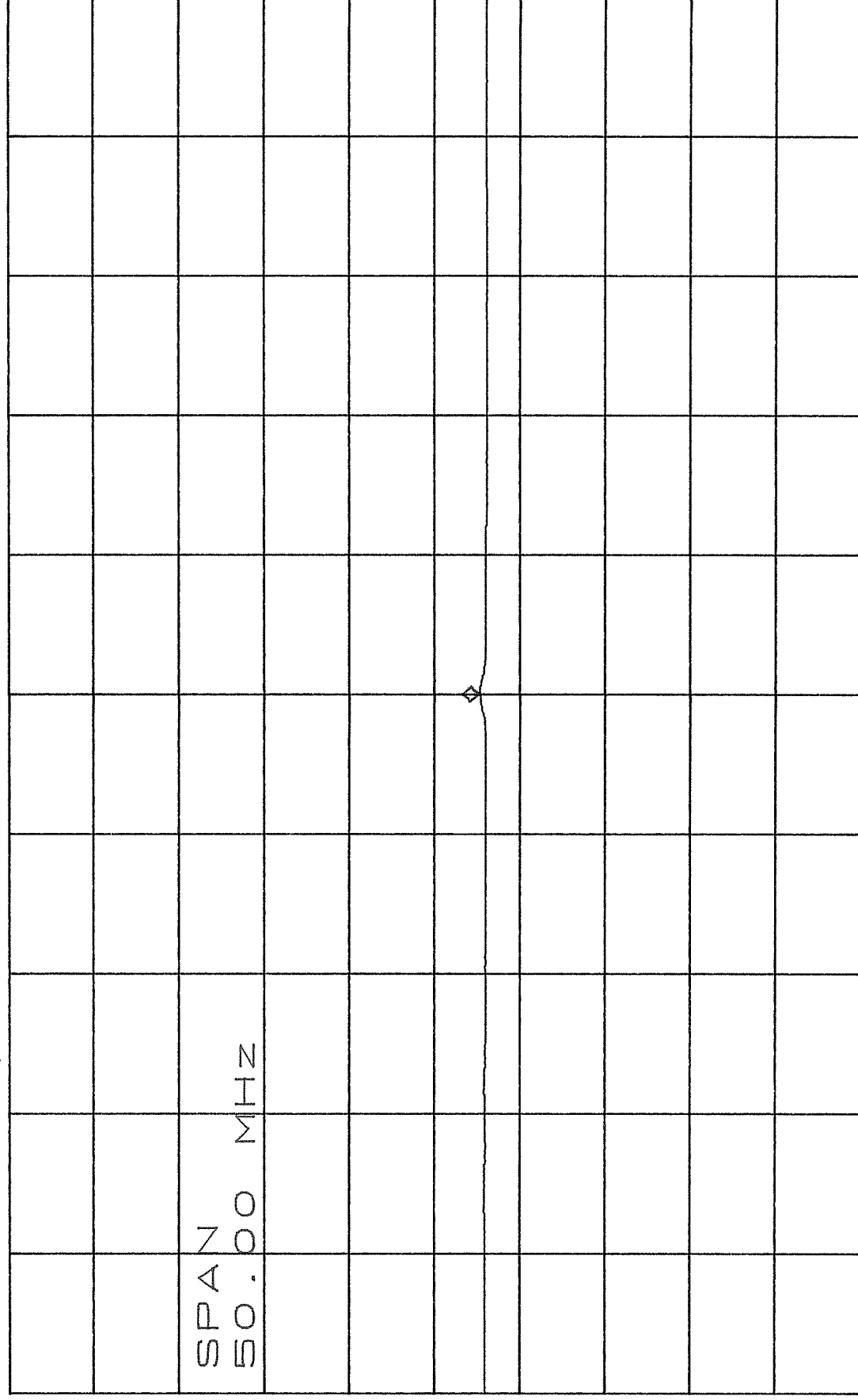
ATTEN 10dB

MKPR 31.83dBμV

RL 87.0dBμV

10dB/

2.17008GHz



D

CENTER 2.17008GHz

SPAN 50.00MHz

*RBW 1.0MHz

*VBW 10Hz

SWP 13.0sec

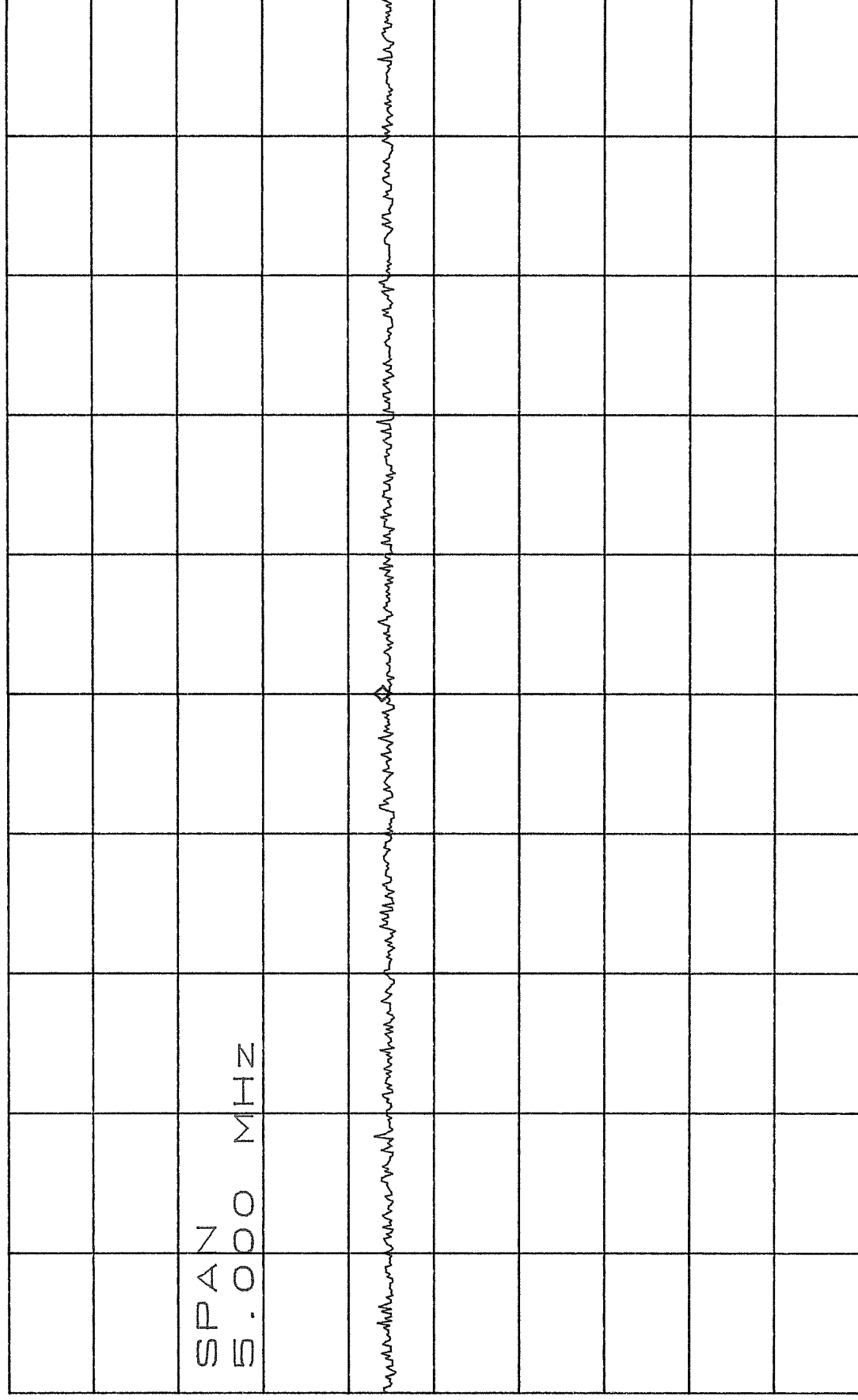
ATTEN 10dB

MKR 42.17dBμV

RL 87.0dBμV

10dB/

2.603823GHz



CENTER 2.603823GHz

SPAN 5.000MHz

*RBW 1.0MHz

*VBW 1.0MHz

SWP 50.0ms

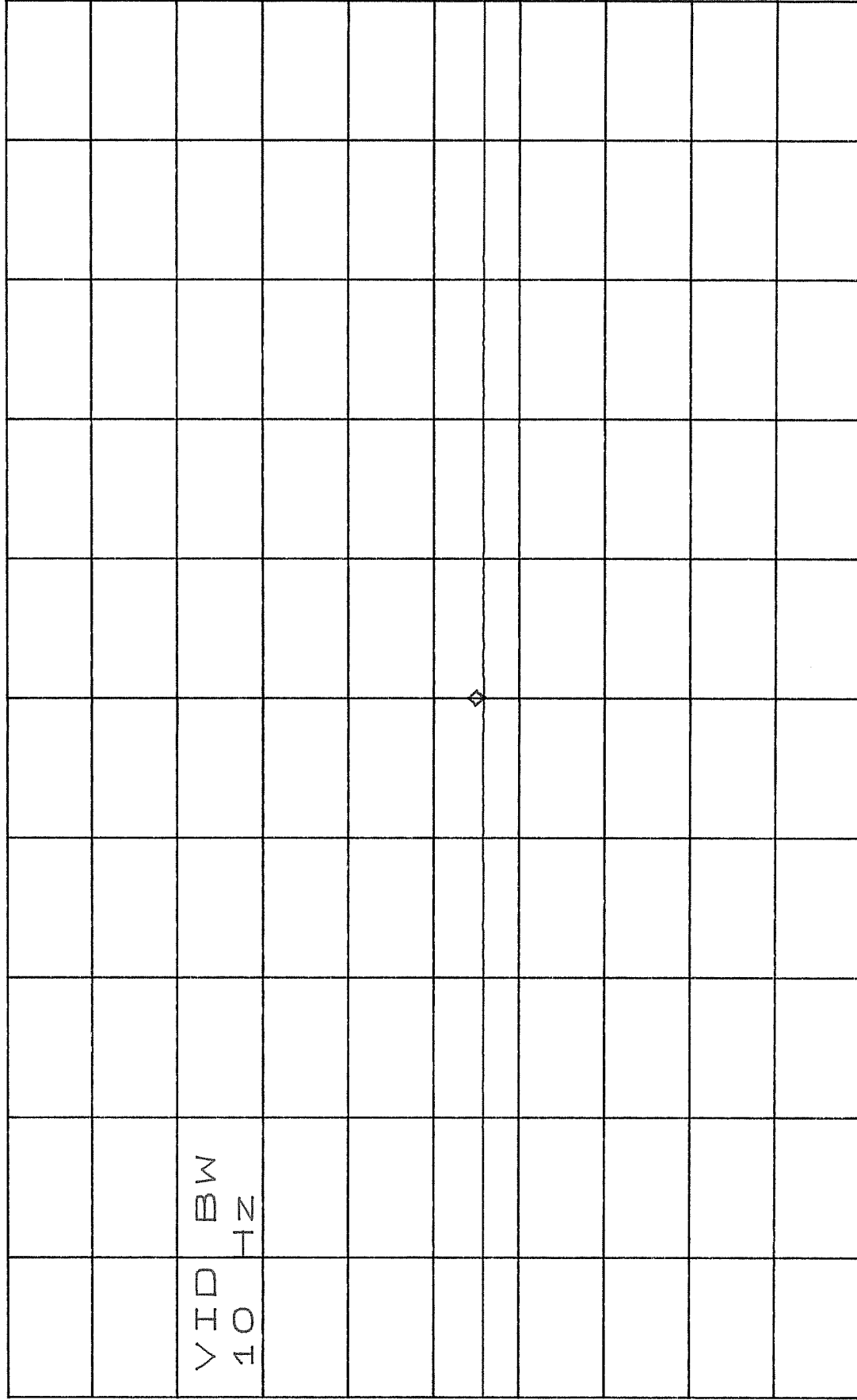
ATTEN 10dB

MKR 31.17dBμV

RL 87.0dBμV

10dB/

2.603823GHz



VID BW
10 HZ

D

CENTER 2.603823GHz

SPAN 5.000MHz

*RBW 1.0MHz

*VBW 10Hz

SWP 5.00sec

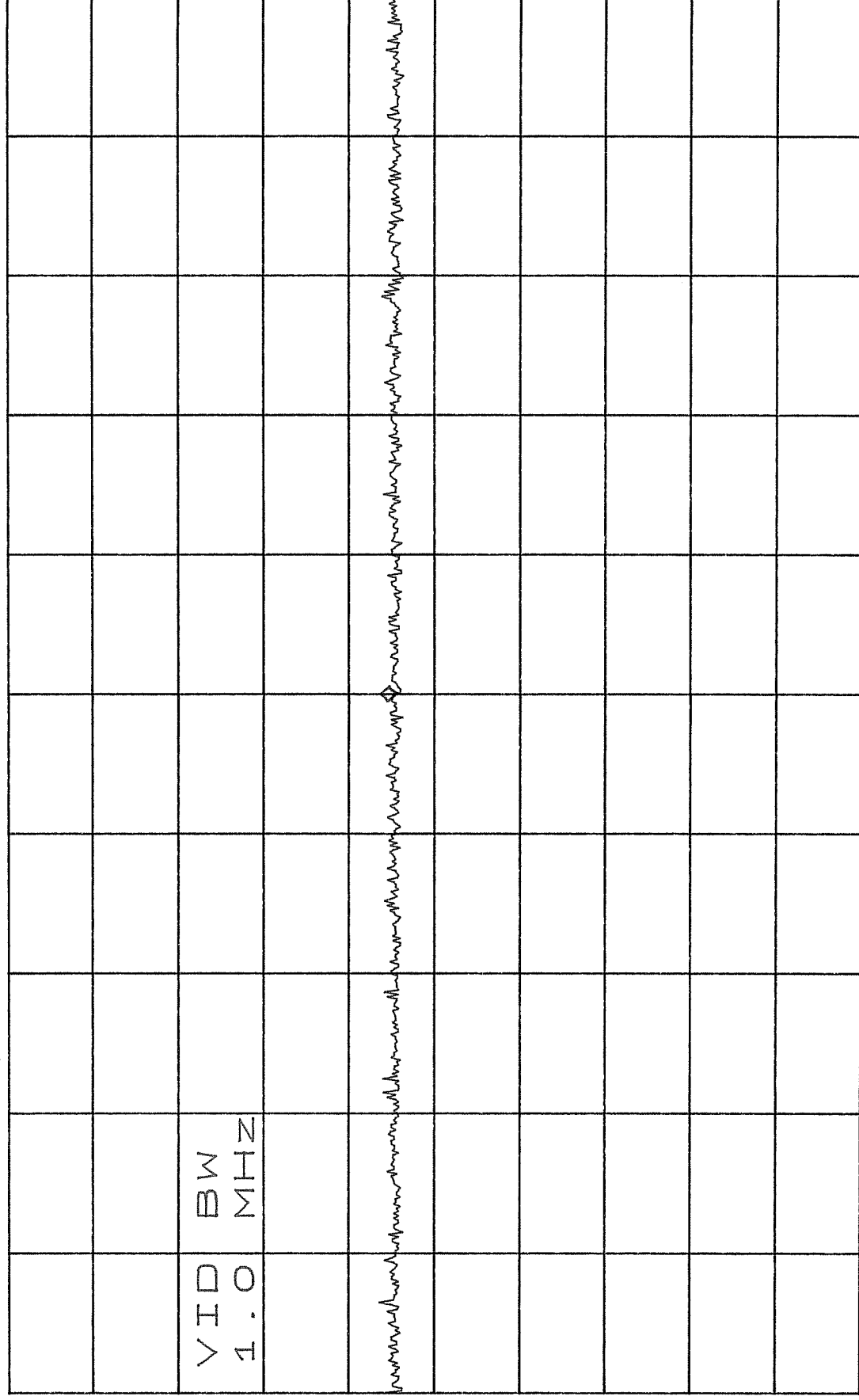
ATTEN 10dB

MKR 41.50dBμV

RL 87.0dBμV

10dB/

3.037557GHz



CENTER 3.037557GHz

SPAN 5.000MHz

*RBW 1.0MHz

*VBW 1.0MHz

SWP 50.0ms

ATTEN 10dB

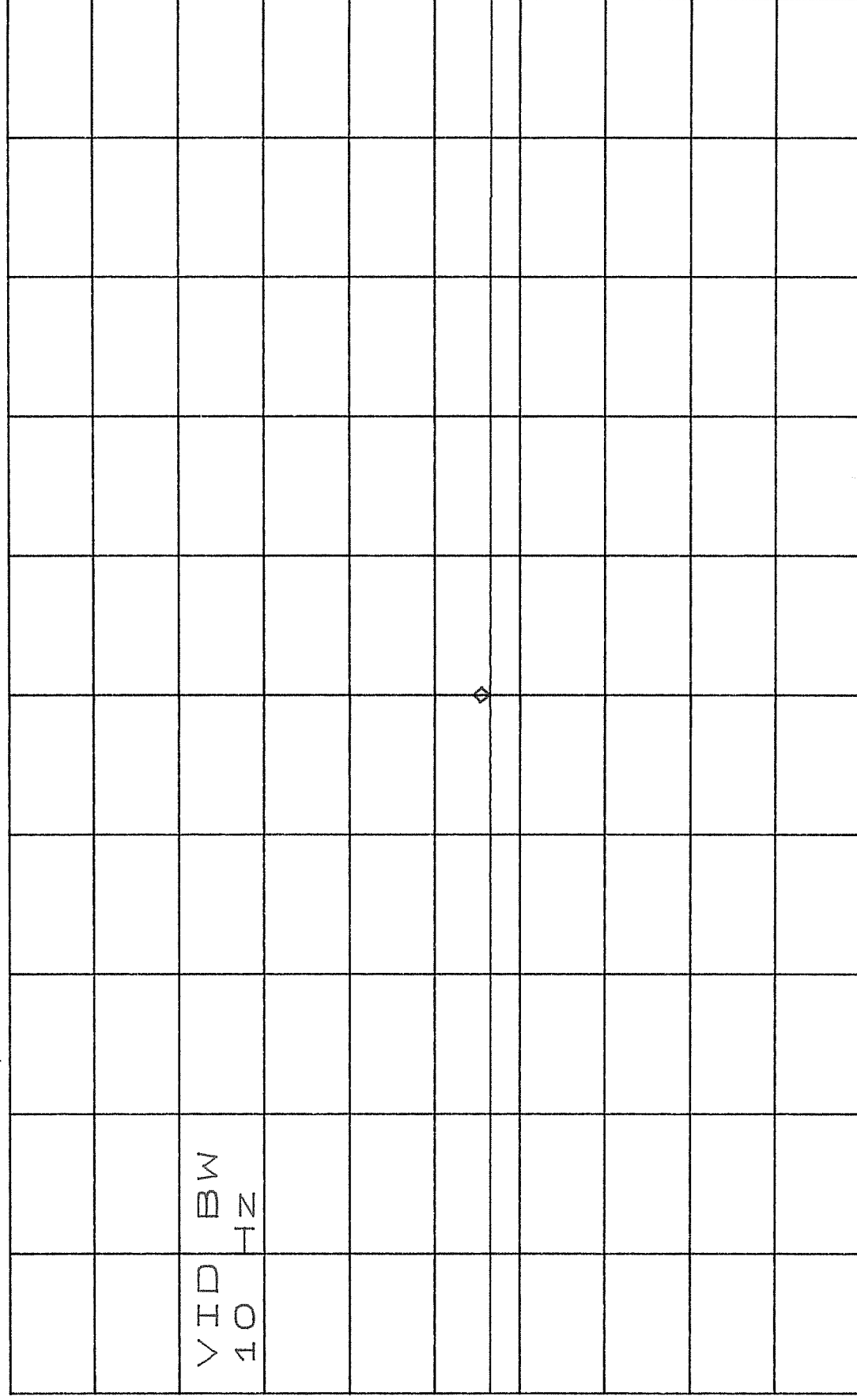
MKR 30.67dB μ V

RL 87.0dB μ V

10dB/
3.037557GHz

VID BW
10 Hz

D



CENTER 3.037557GHz

SPAN 5.000MHz

*RBW 1.0MHz

*VBW 10Hz

SWP 5.00sec