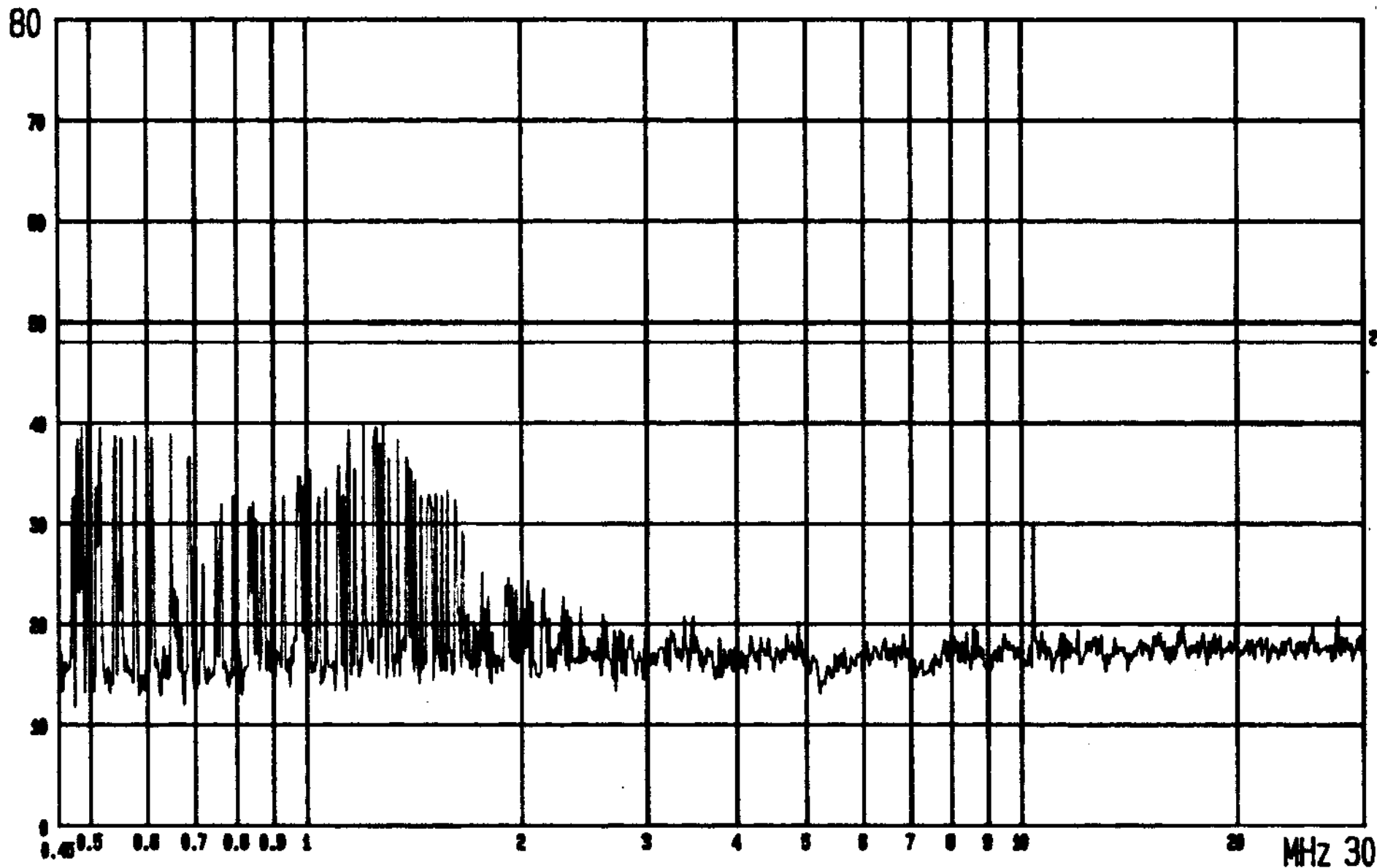


Appendix 1 : Plotted Data of Power Line Conducted Emissions

IBuV



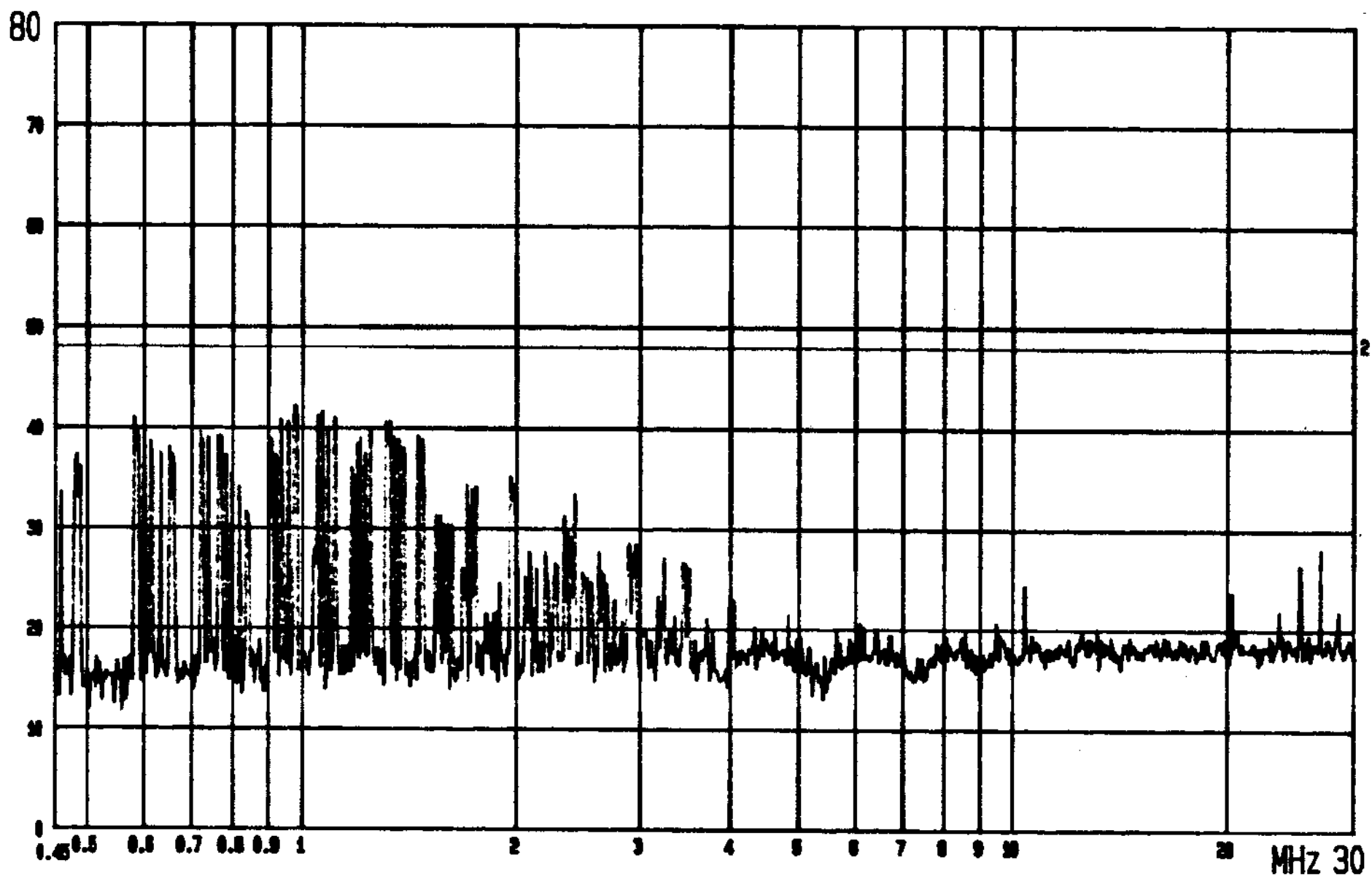
CC CONDUCTED TEST

POWER: 120V/60HZ
MODE: CHARGE

2: GP.;
LISN: N

CLASS B LIMIT
ETC EMI LAB.

dBuV



FCC CONDUCTED TEST

POWER: 120V/60HZ
MODE: CHARGE

2: QP.;
LISN: L1

CLASS B LIMIT
ETC EMI LAB.

Appendix 2 : Plotted Data for Separation of Adjacent Channel

ΔMKR 0 dB

10dB/

870 KHz



ΔMKR
870 KHz

0 2 1

B

SPAN 2.000MHZ

*RBW 30KHz

*VBW 100KHz

SWP 50.0ms

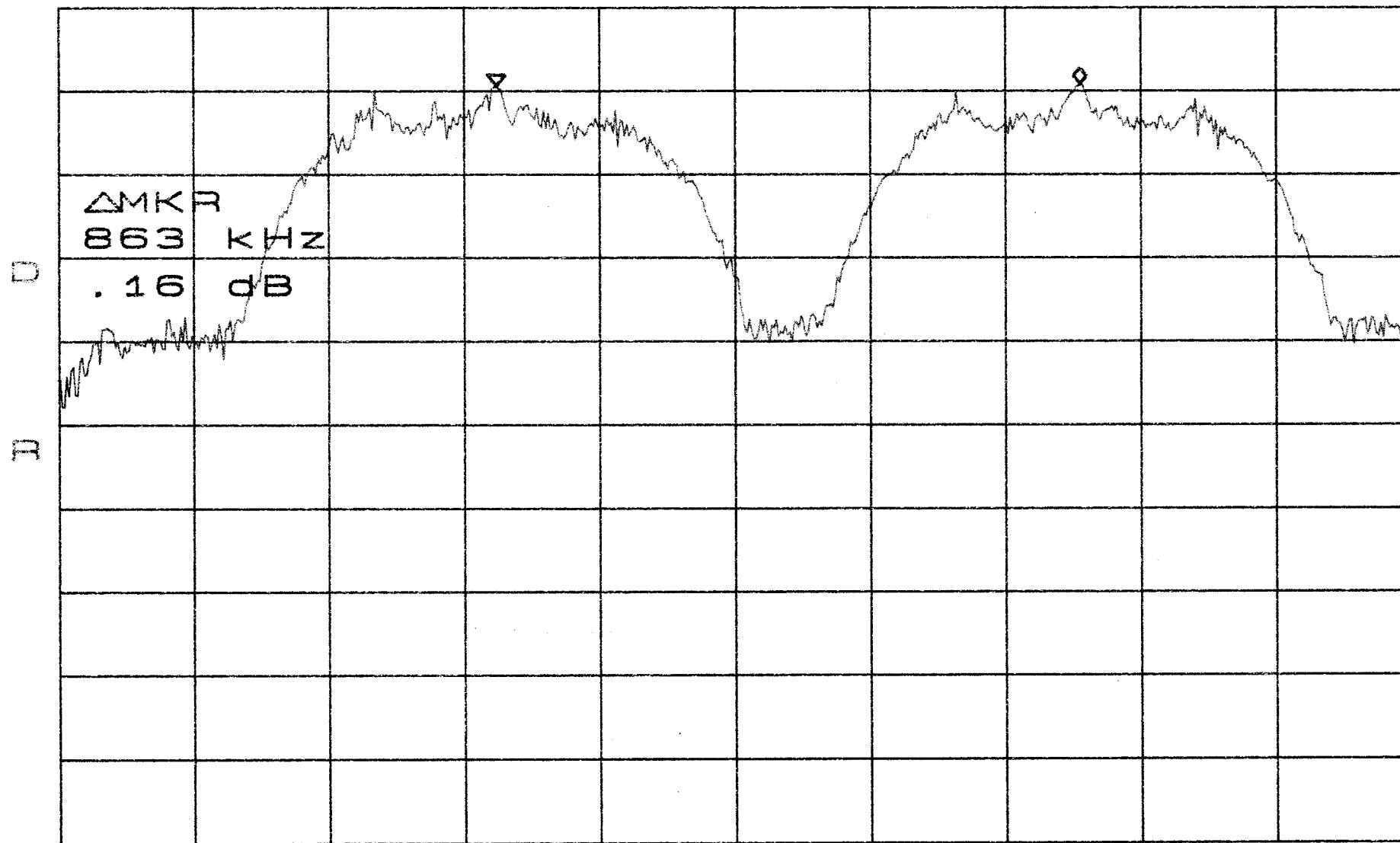
ATTEN 20dB

ΔMKR .16dB

RL 22.0dBm

10dB/

863KHz



CENTER 2.436822GHz

SPAN 2.000MHz

*RBW 30KHz

*VBW 100KHz

SWP 50.0ms

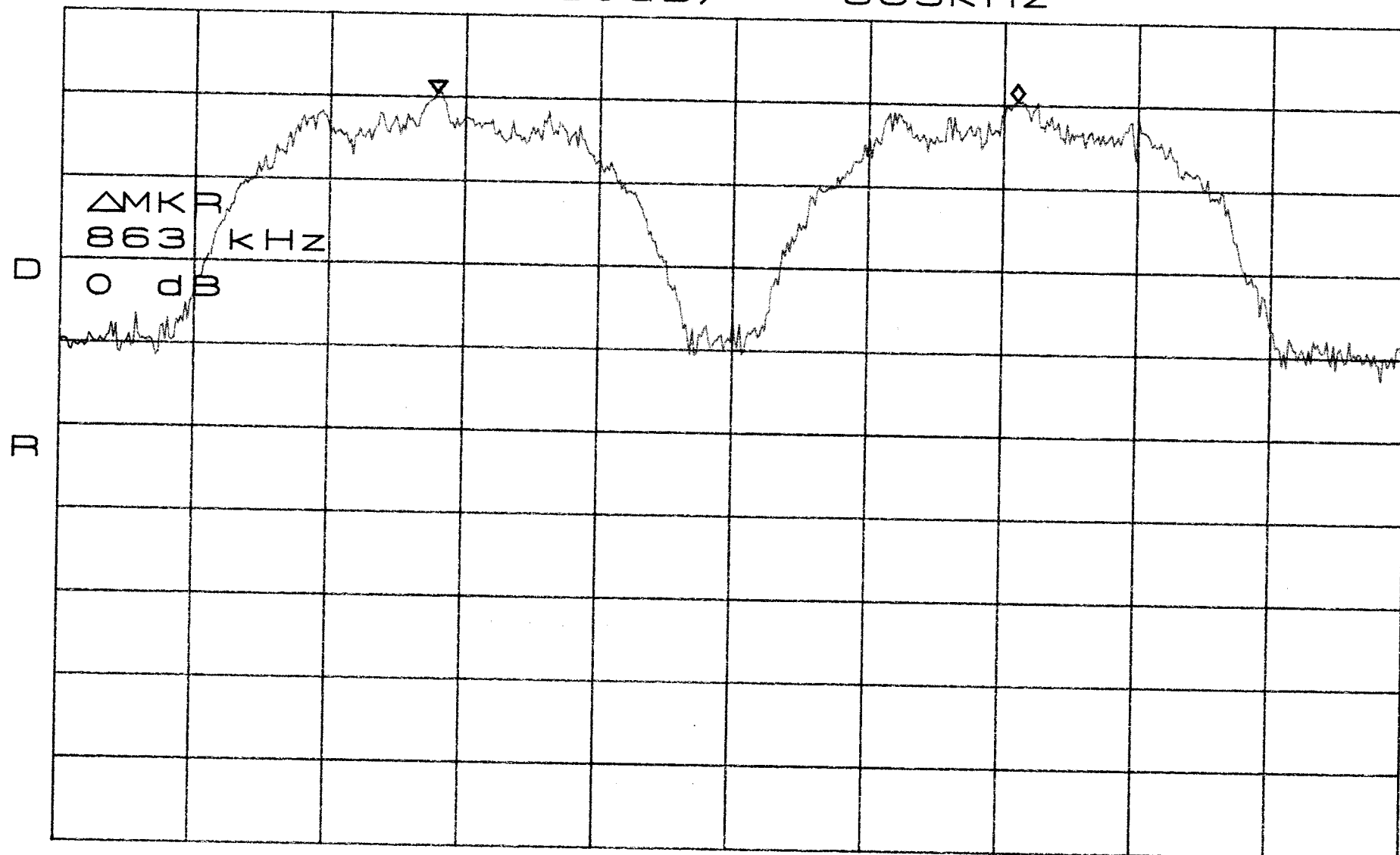
ATTEN 20dB

RL 22.0dBm

10dB/

Δ MKR 0dB

863kHz



CENTER 2.479277GHz

SPAN 2.000MHz

*RBW 30kHz

*VBW 100kHz

*SWP 100ms

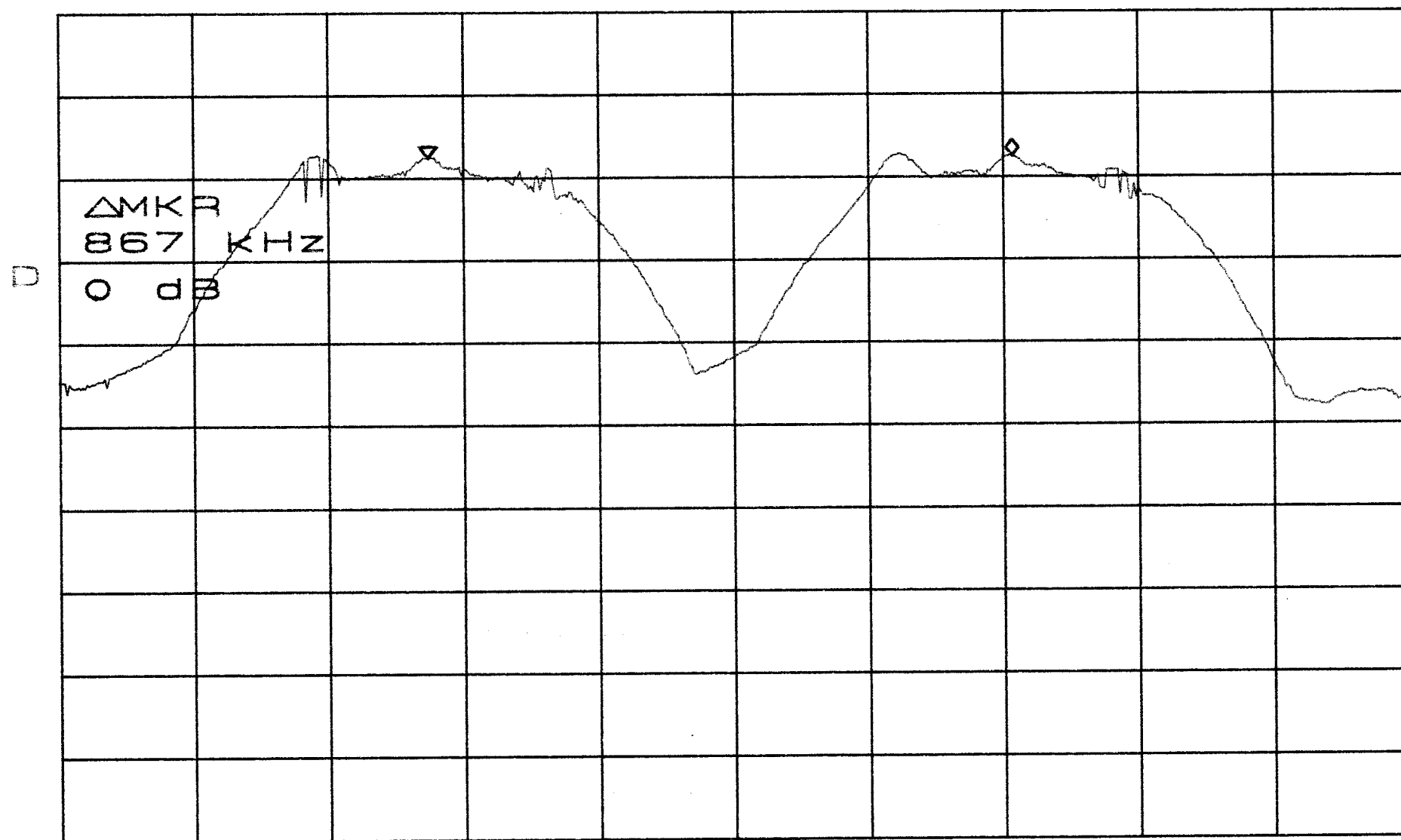
ATTEN 30dB

RL 20.0dBm

10dB/

Δ MKR 0dB

867kHz



CENTER 2.403197GHz

SPAN 2.000MHz

*RBW 100kHz

*VBW 100kHz

SWP 50.0ms

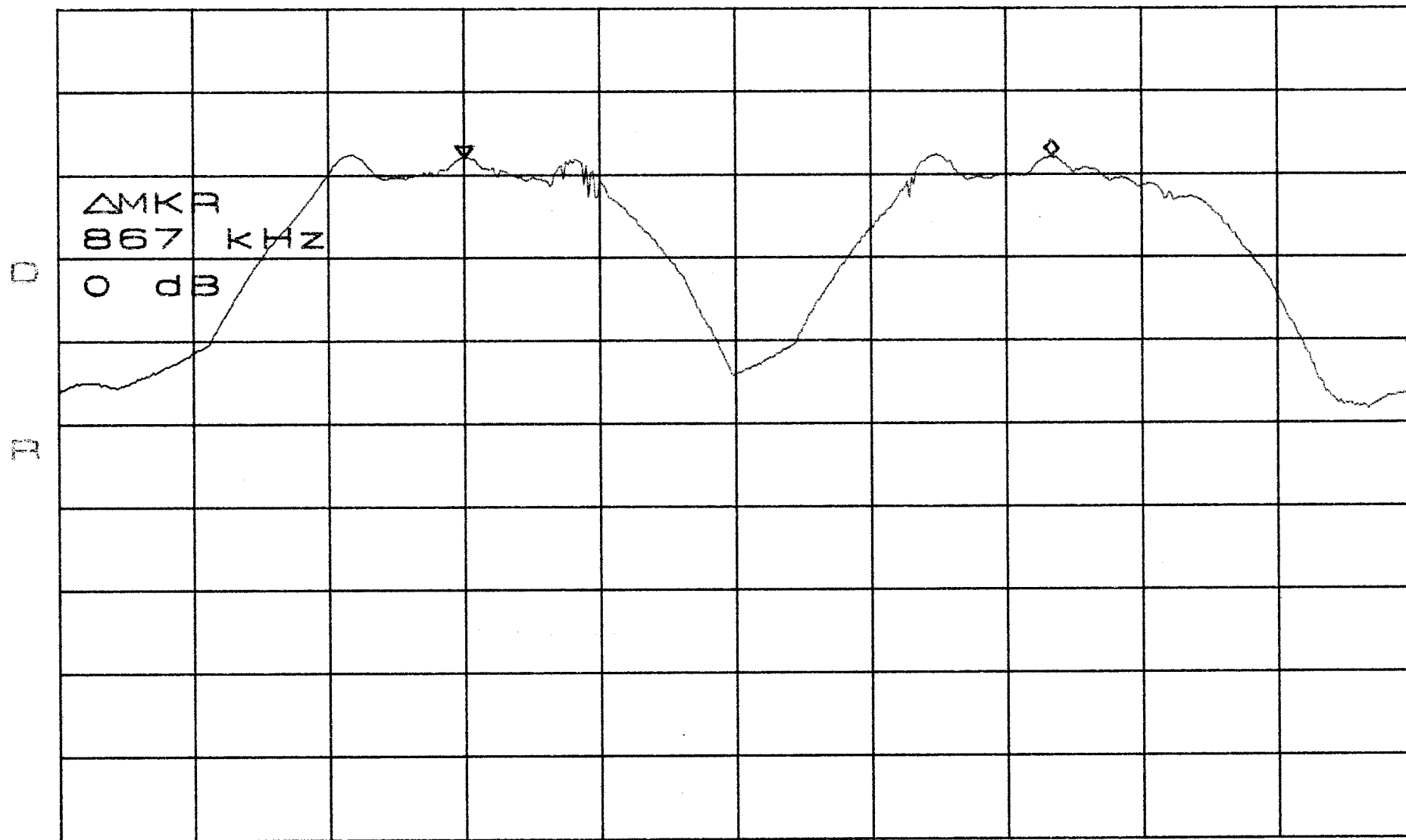
ATTEN 30dB

RL 31.5dBm

10dB/

ΔMKR 0dB

867kHz



CENTER 2.437700GHz

SPAN 2.000MHz

*RBW 100kHz

*VBW 100kHz

SWP 50.0ms

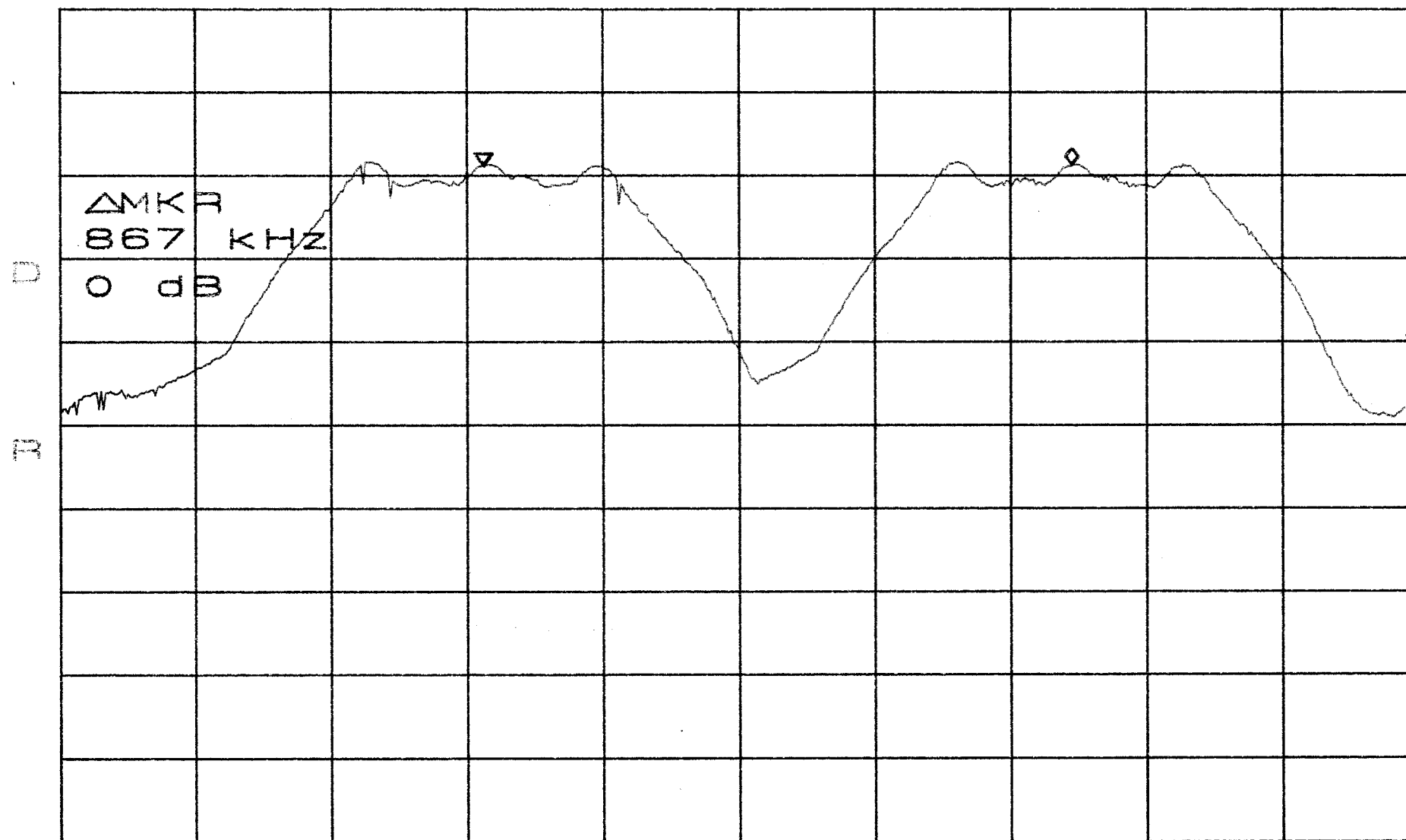
ATTEN 30dB

RL 31.5dBm

10dB/

ΔMKR 0dB

867kHz



CENTER 2.479126GHz

SPAN 2.000MHz

*RBW 100kHz

*VBW 100kHz

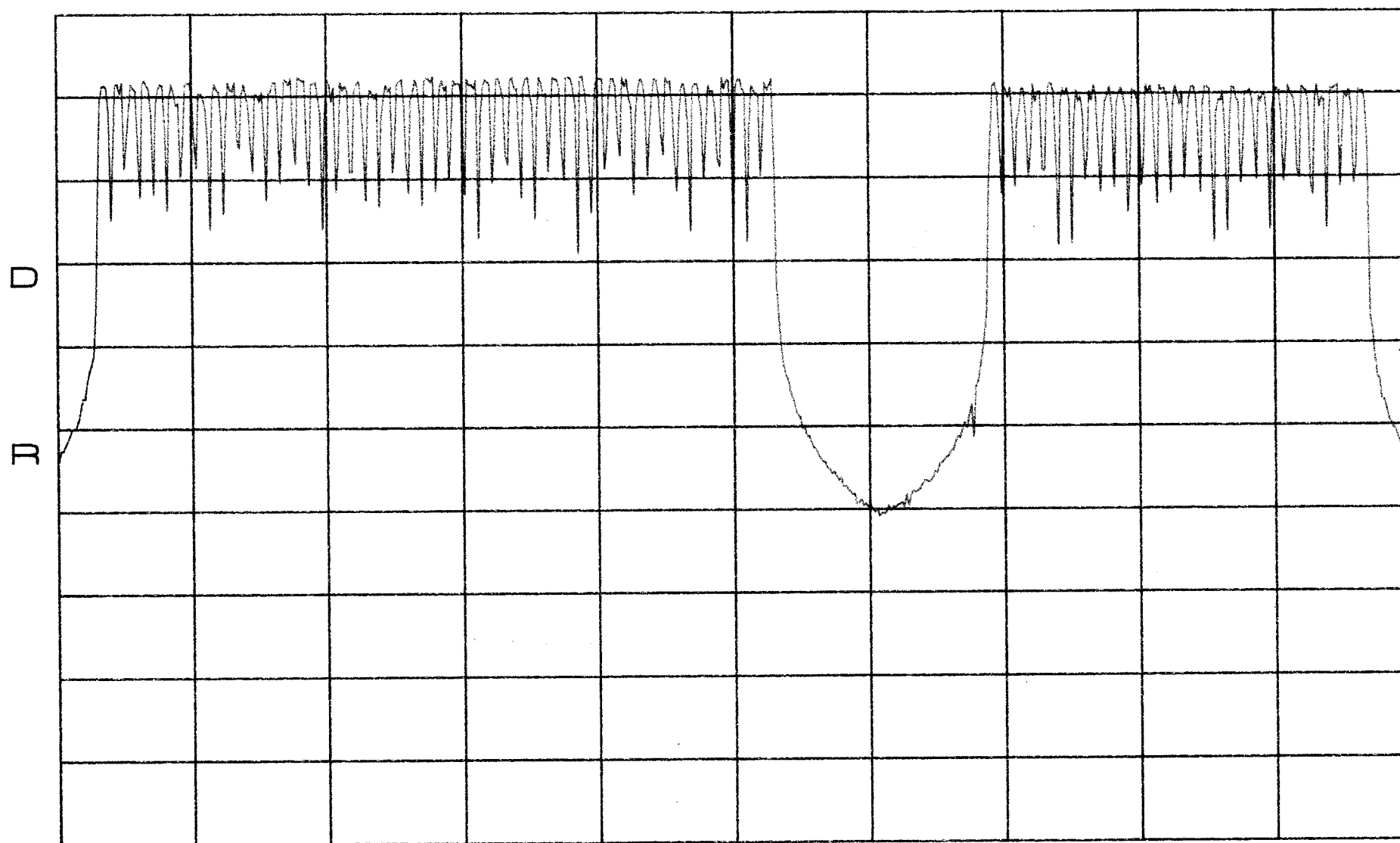
SWP 50.0ms

Appendix 3 : Plotted Data for Total Used Hopping Frequencies

ATTEN 20dB

RL 22.0dBm

10dB/



START 2.40000GHZ

STOP 2.48350GHZ

*RBW 100KHZ

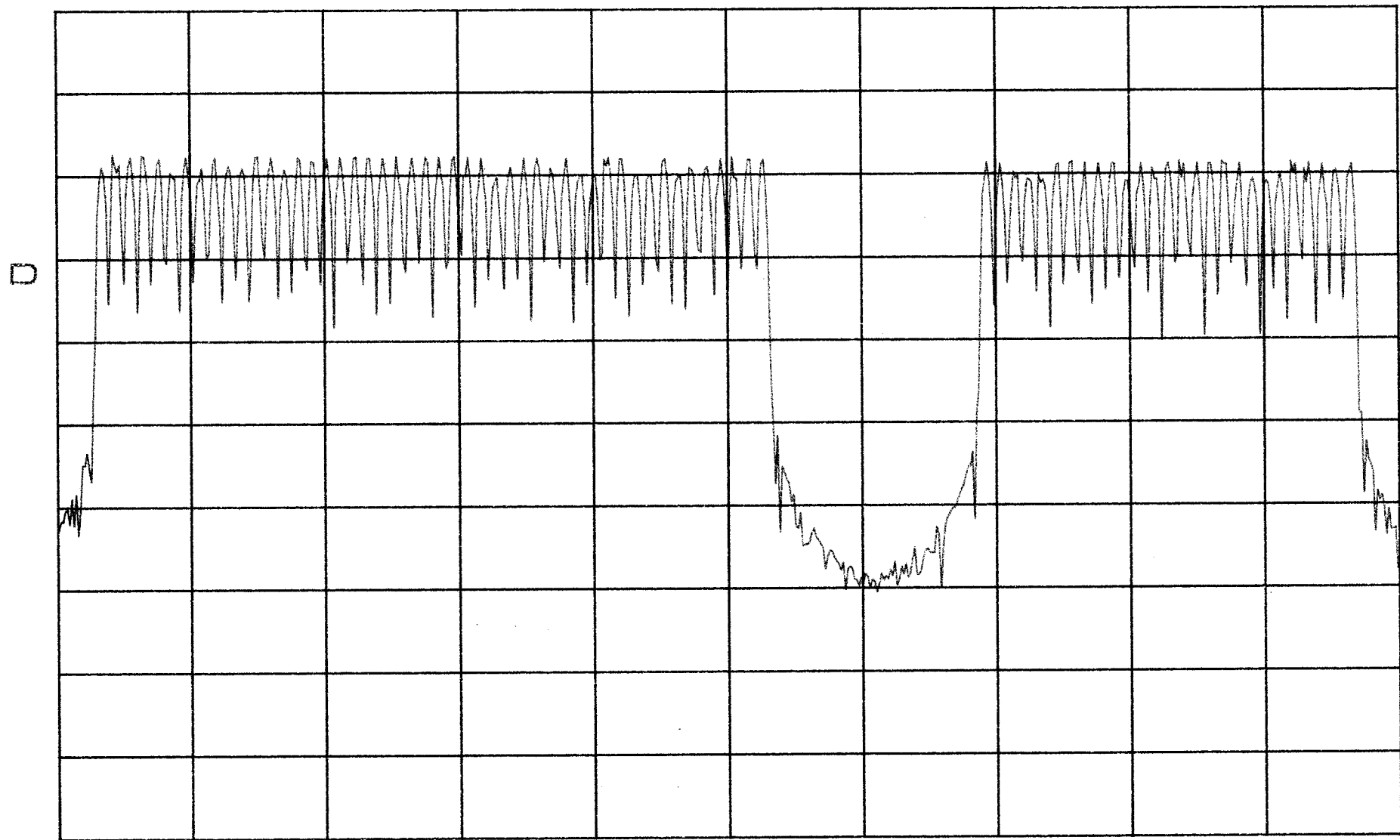
*VBW 100KHZ

*SWP 200ms

ATTEN 30dB

RL 20.0dBm

10dB/



START 2.400000GHz

STOP 2.48350GHz

*RBW 100KHz

*VBW 100KHz

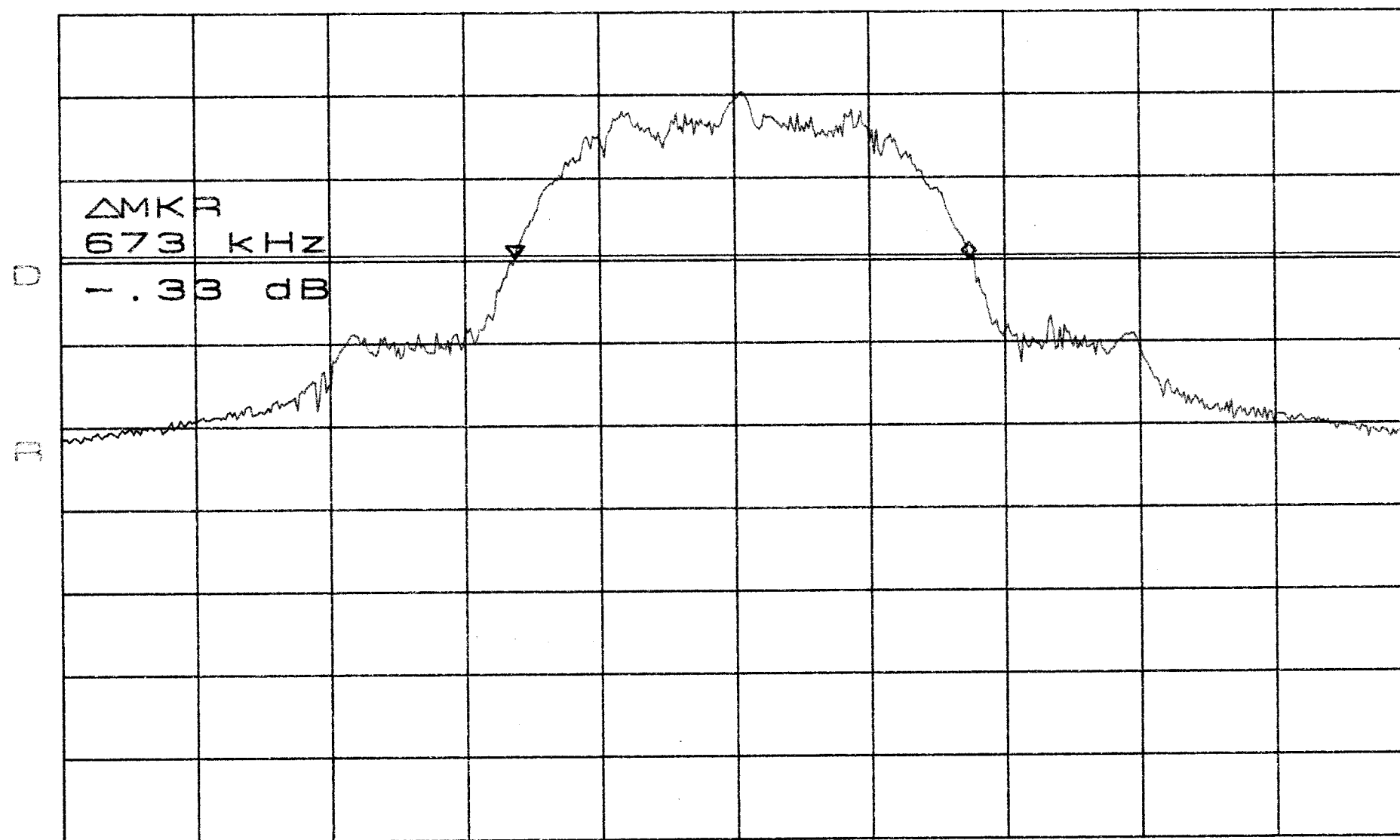
SWP 50.0ms

Appendix 4 : Plotted Data for Channel Bandwidth

ATTEN 20dB
RL 22.0dBm

10dB/

ΔMKR - .33dB
673KHz



CENTER 2.402820GHz
*RBW 30KHz *VBW 100KHz

SPAN 2.000MHz
SWP 50.0ms

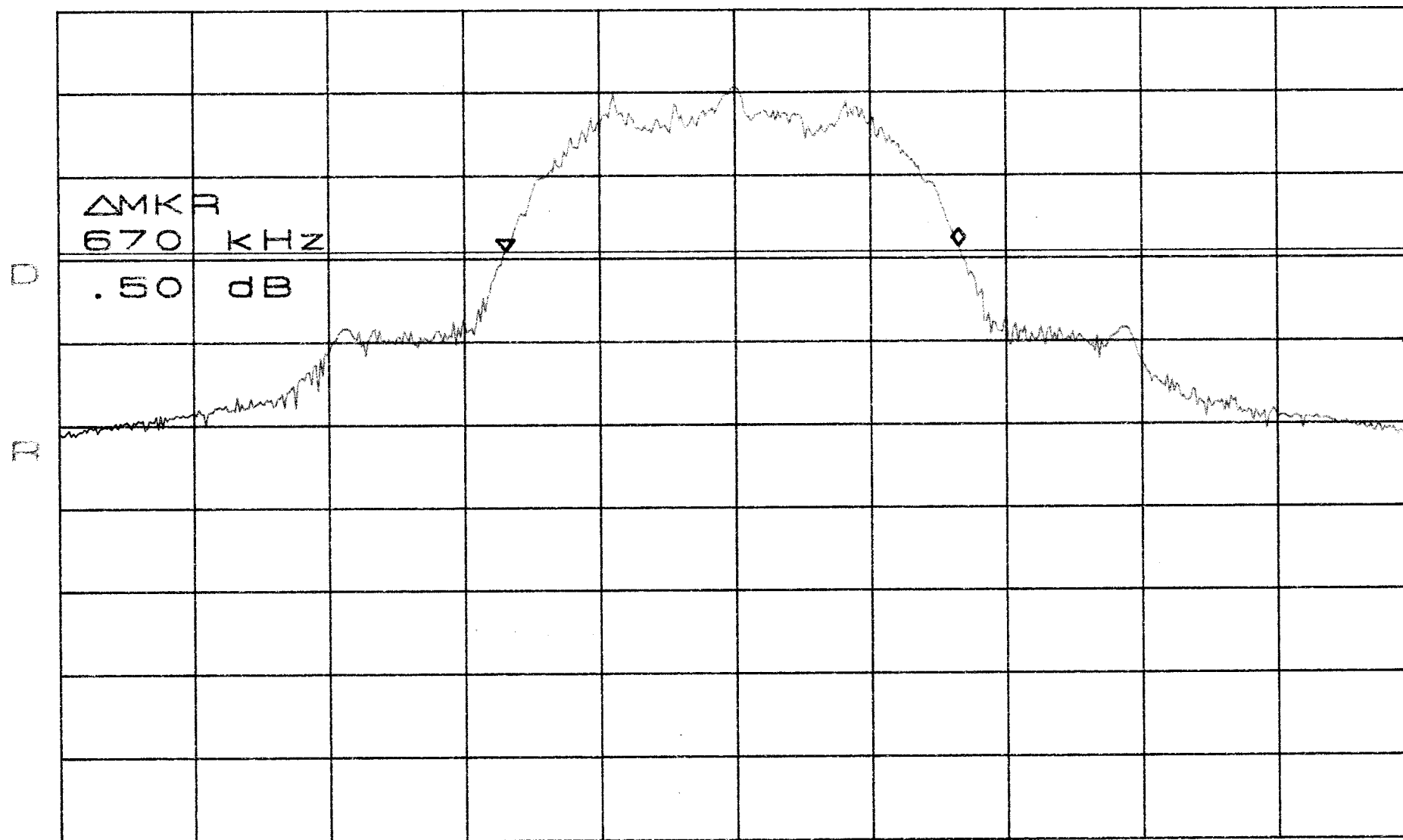
ATTEN 20dB

RL 22.0dBm

10dB/

Δ MR .50dB

670kHz



CENTER 2.437332GHz

SPAN 2.000MHz

*RBW 30kHz

*VBW 100kHz

SWP 50.0ms

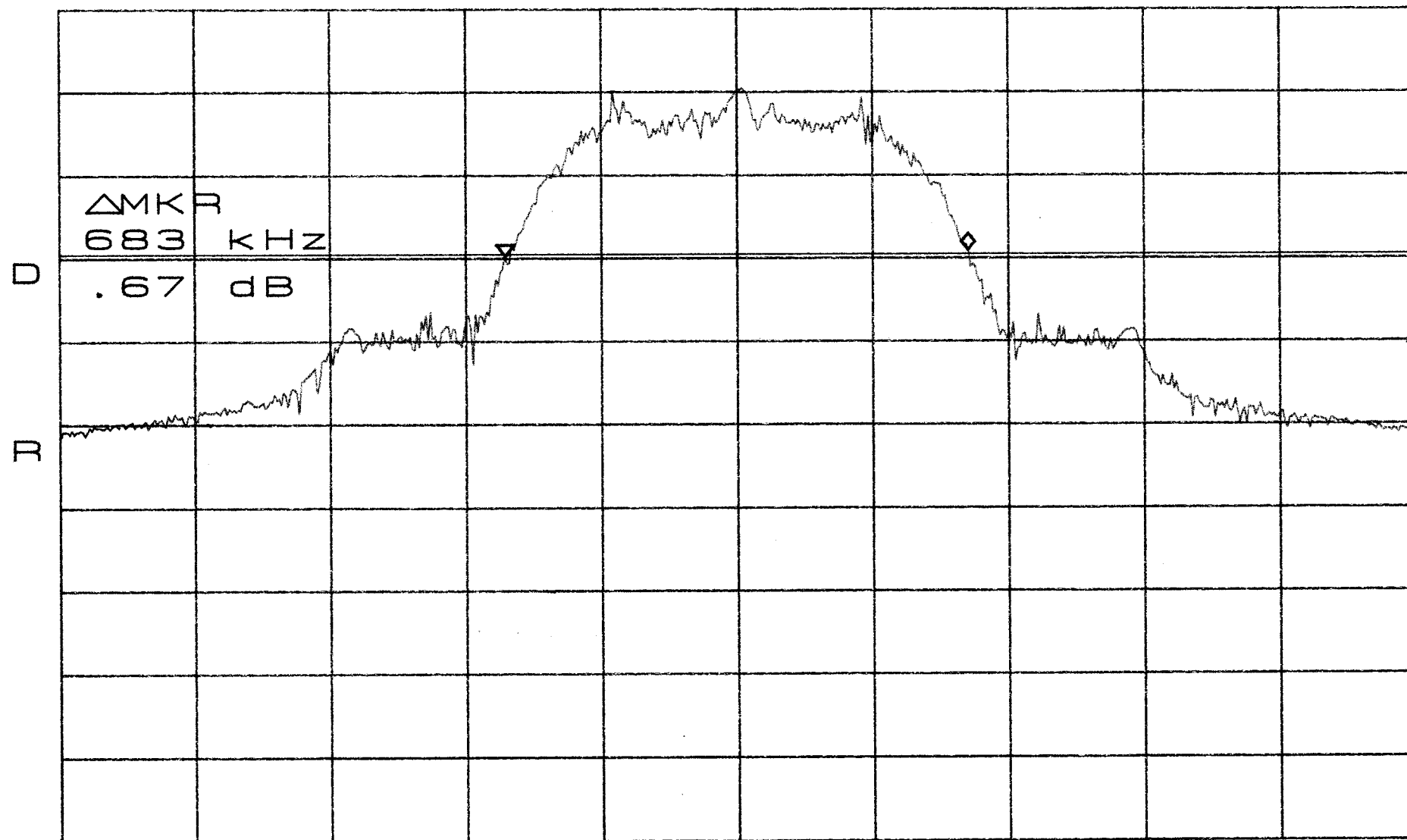
ATTEN 20dB

RL 22.0dBm

ΔMKR .67dB

10dB/

683kHz



CENTER 2.479697GHz

SPAN 2.000MHz

*RBW 30kHz

*VBW 100kHz

*SWP 100ms

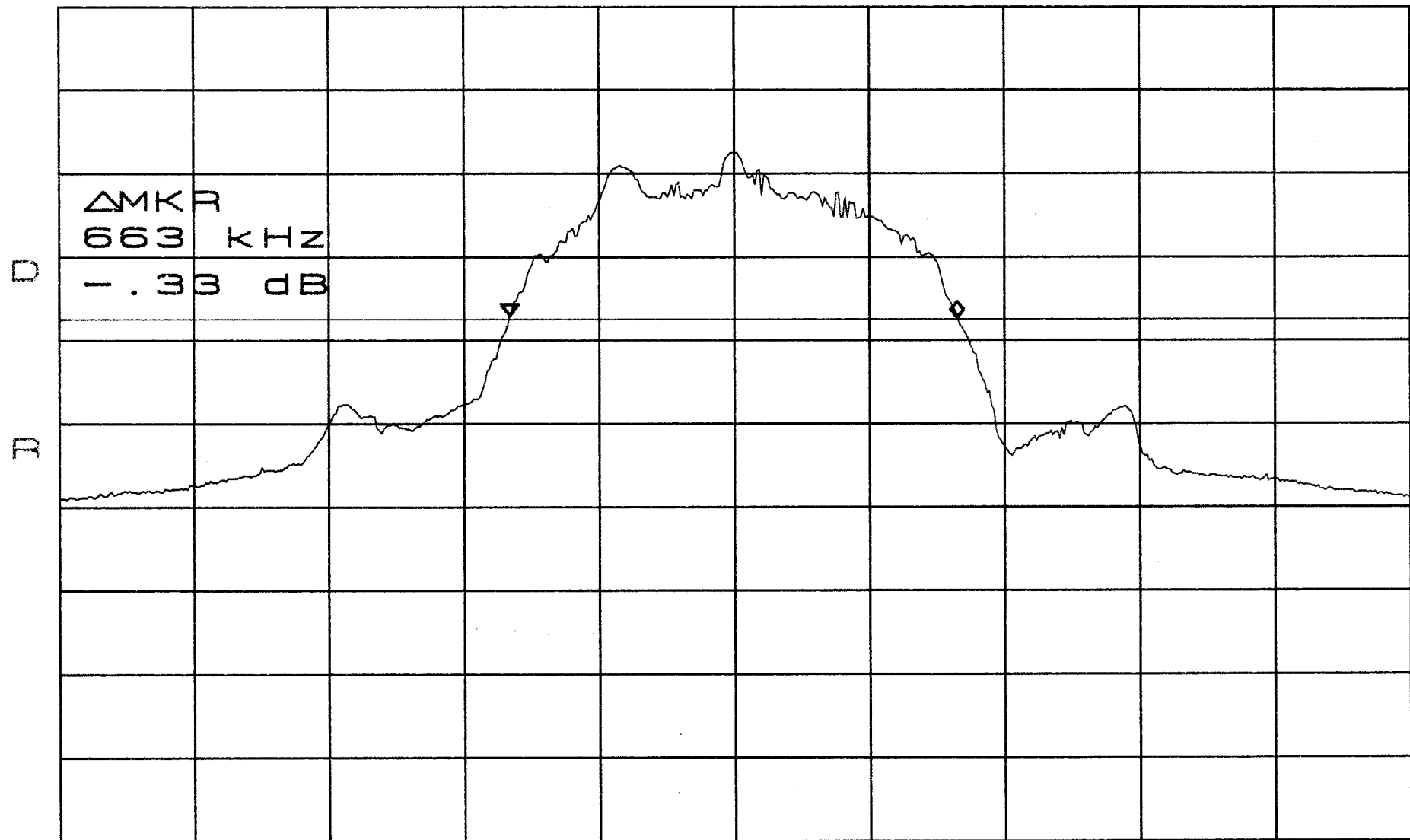
ATTEN 30dB

RL 31.5dBm

$\Delta MKR - .33dB$

10dB/

663kHz



CENTER 2.402747GHz

SPAN 2.000MHz

*RBW 30kHz

*VBW 100kHz

*SWP 200ms

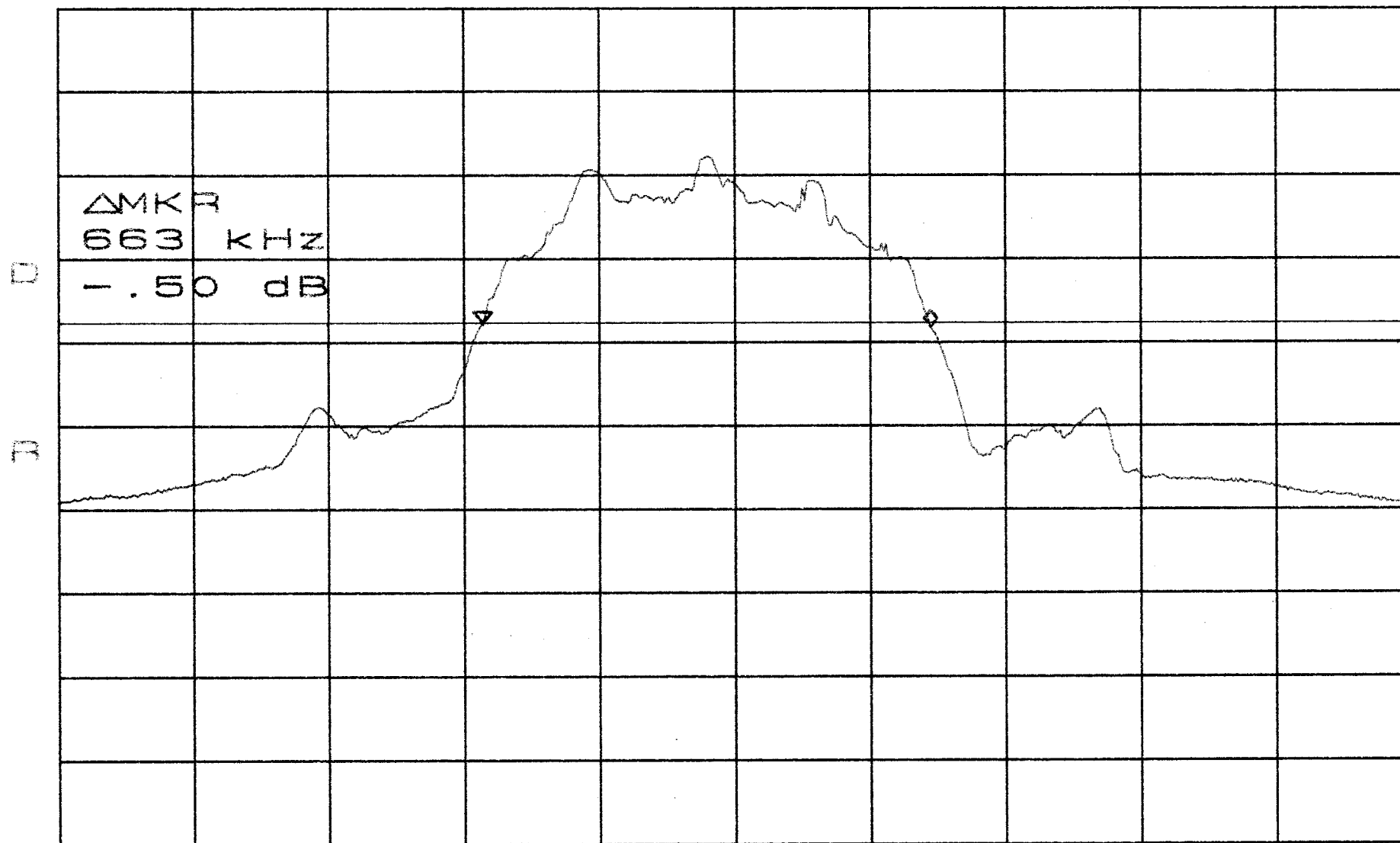
ATTEN 30dB

$\Delta MKR - .50dB$

RL 31.5dBm

10dB/

663KHz



CENTER 2.437344GHz

SPAN 2.000MHz

*RBW 30KHz

*VBW 100KHz

*SWP 200ms

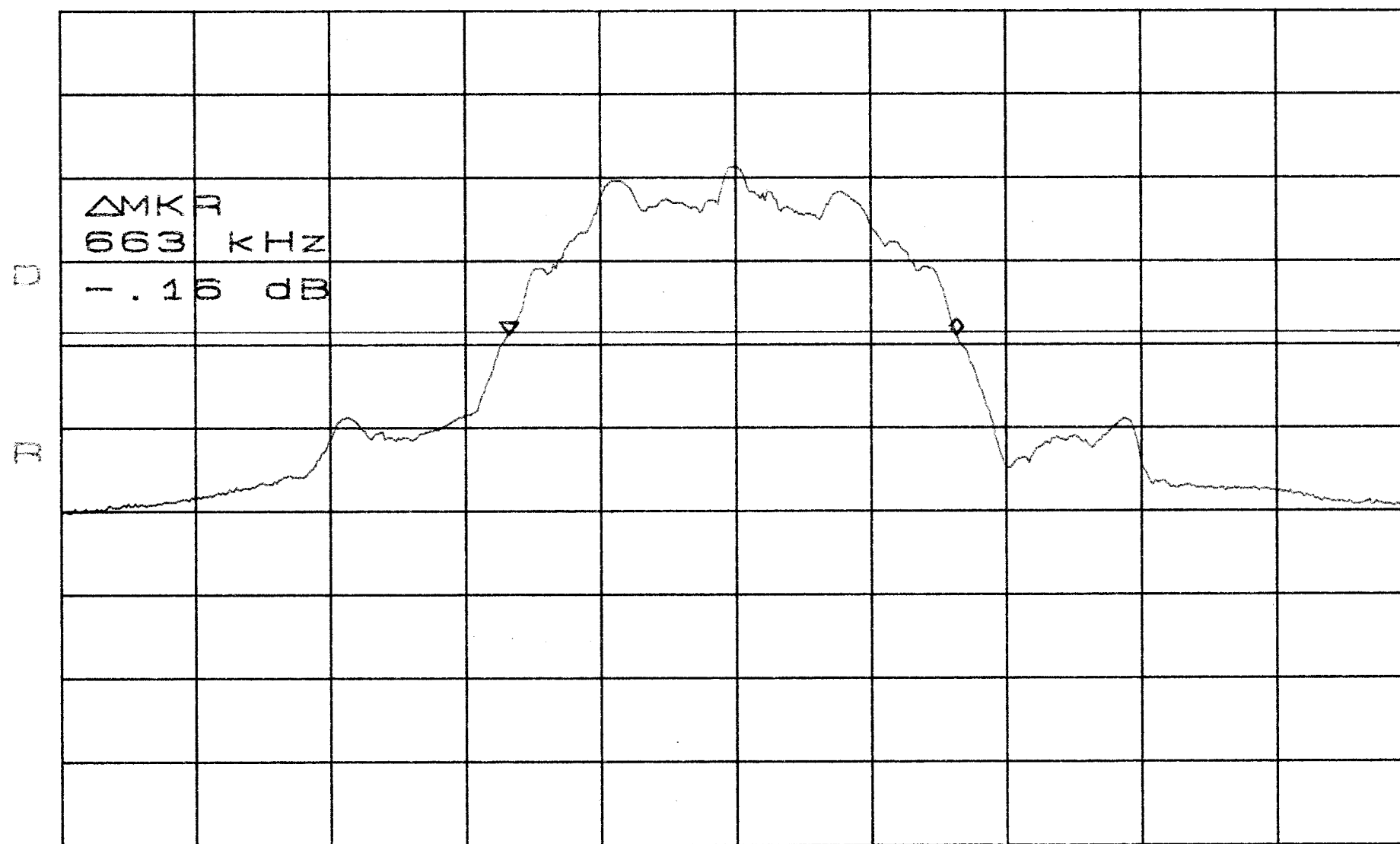
ATTEN 30dB

$\Delta MKR - .16dB$

RL 31.5dBm

10dB/

663KHz



CENTER 2.479623GHz

SPAN 2.000MHz

*RBW 30KHz

*VBW 100KHz

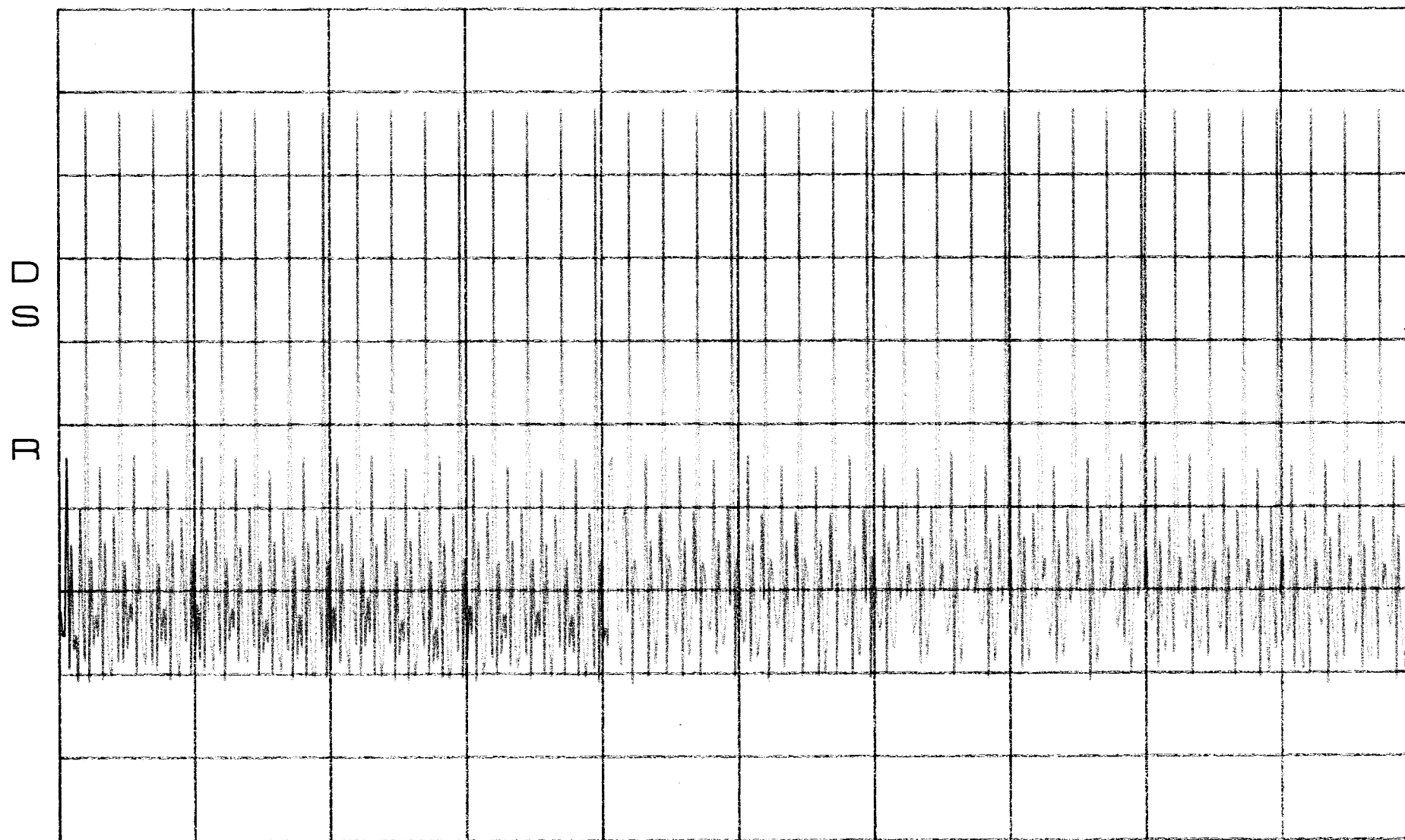
*SWP 200ms

Appendix 5 : Plotted Data for Channel Dwell Time

ATTEN 30dB

RL 31.5dBm

10dB/



CENTER 2.402784000GHz

SPAN 0Hz

*RBW 30KHz

*VBW 30KHz

*SWP 30.0sec

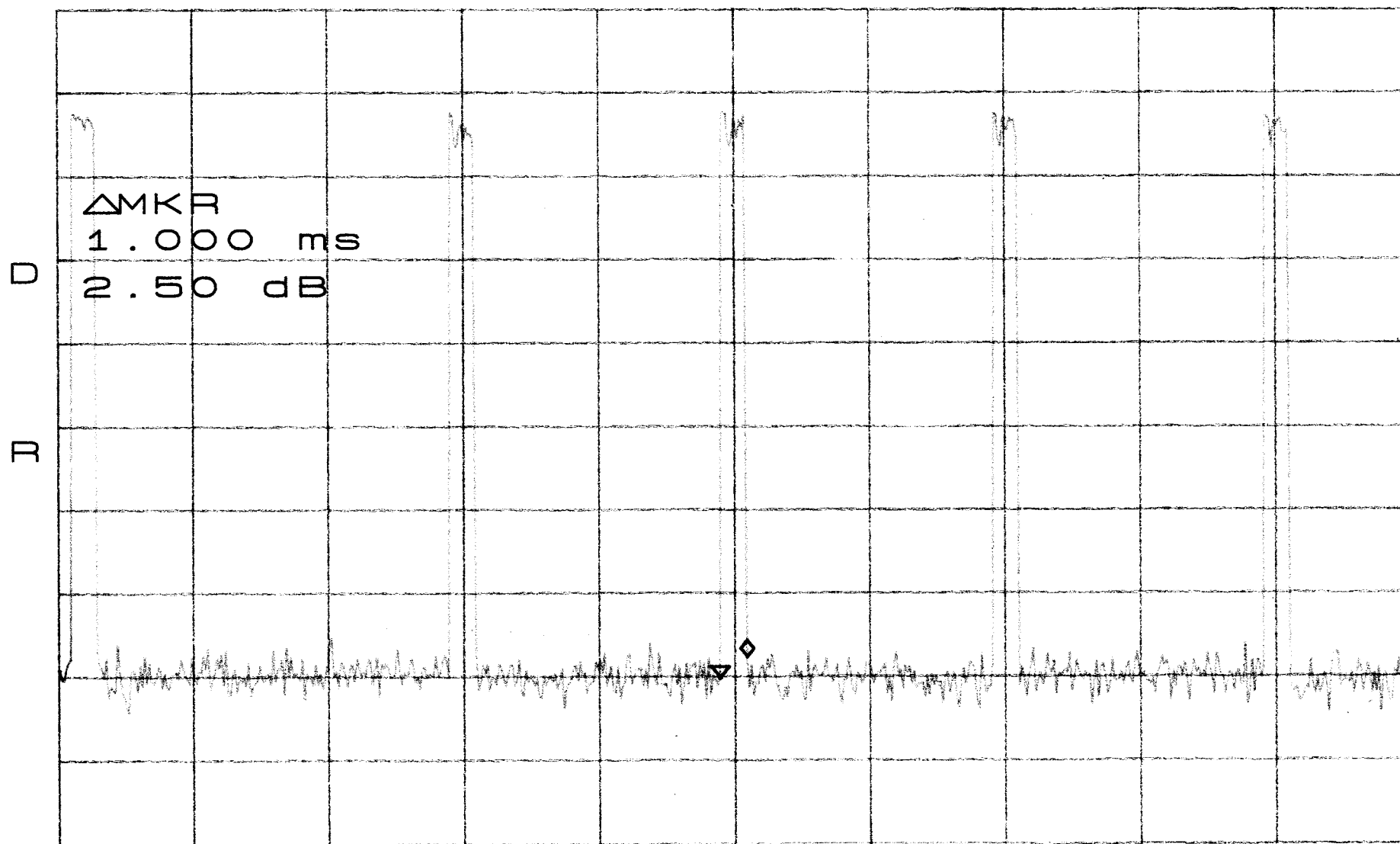
ATTEN 30dB

RL 31.5dBm

10dB/

Δ MKR 2.50dB

1.000ms



CENTER 2.402784000GHz

SPAN 0Hz

*RBW 100kHz

*VBW 100kHz

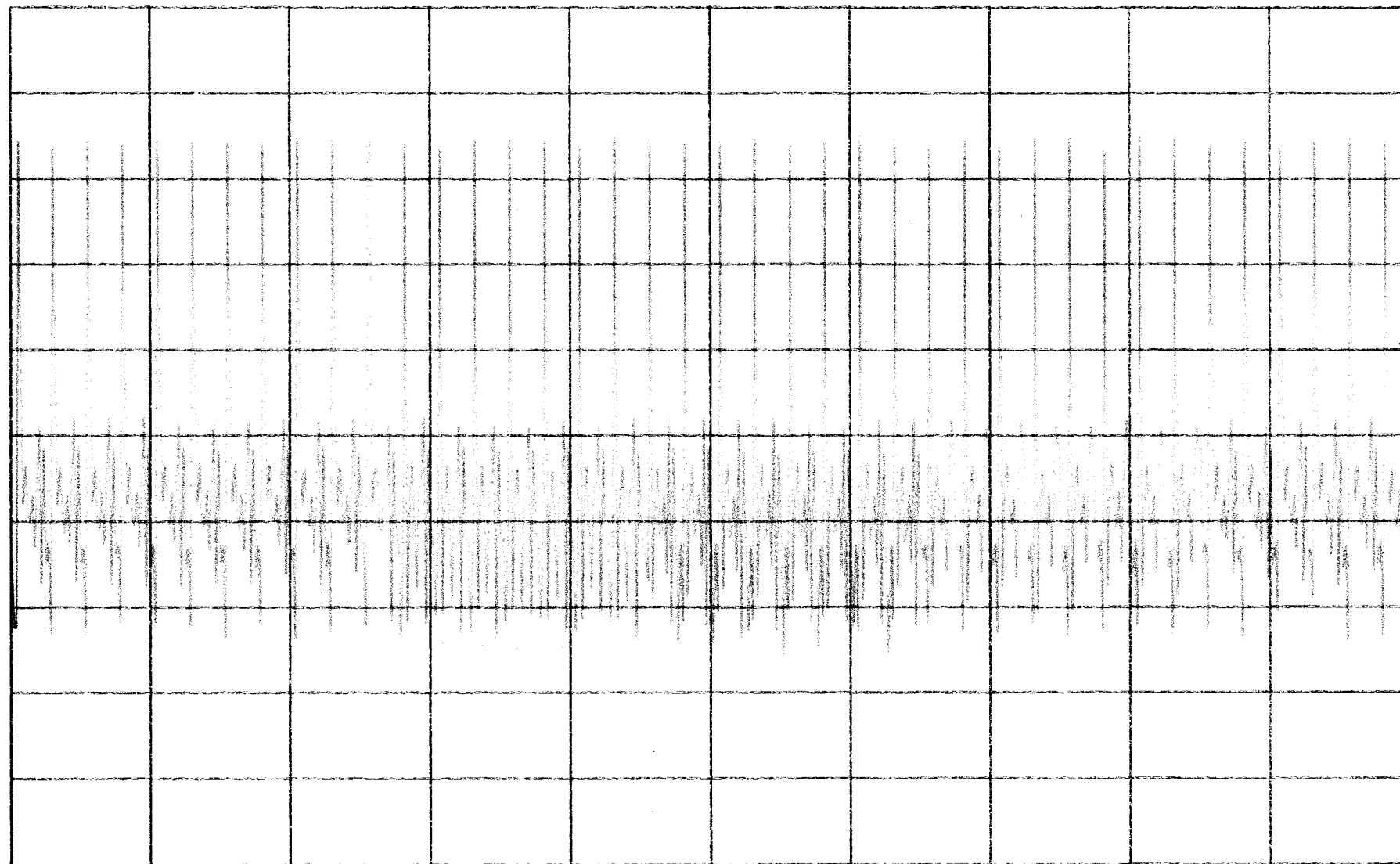
*SWP 50.0ms

ATTEN 30dB

RL 31.5dBm

10dB/

0000000000



CENTER 2.4373400000GHz

SPAN 0Hz

*RBW 100KHz

*VBW 100KHz

*SWP 30.0sec

ATTEN 30dB

RL 31.5dBm

10dB/

Δ MKR .67dB

1.000ms

S
D
R

Δ MKR
1.000 ms
.67 dB

CENTER 2.4373400000GHz

SPAN 0Hz

*RBW 100KHz

*VBW 100KHz

*SWP 50.0ms

ATTEN 30dB

RL 31.5dBm

10dB/



CENTER 2.479694000GHz

SPAN 0Hz

*RBW 100kHz

*VBW 100kHz

*SWP 30.0sec

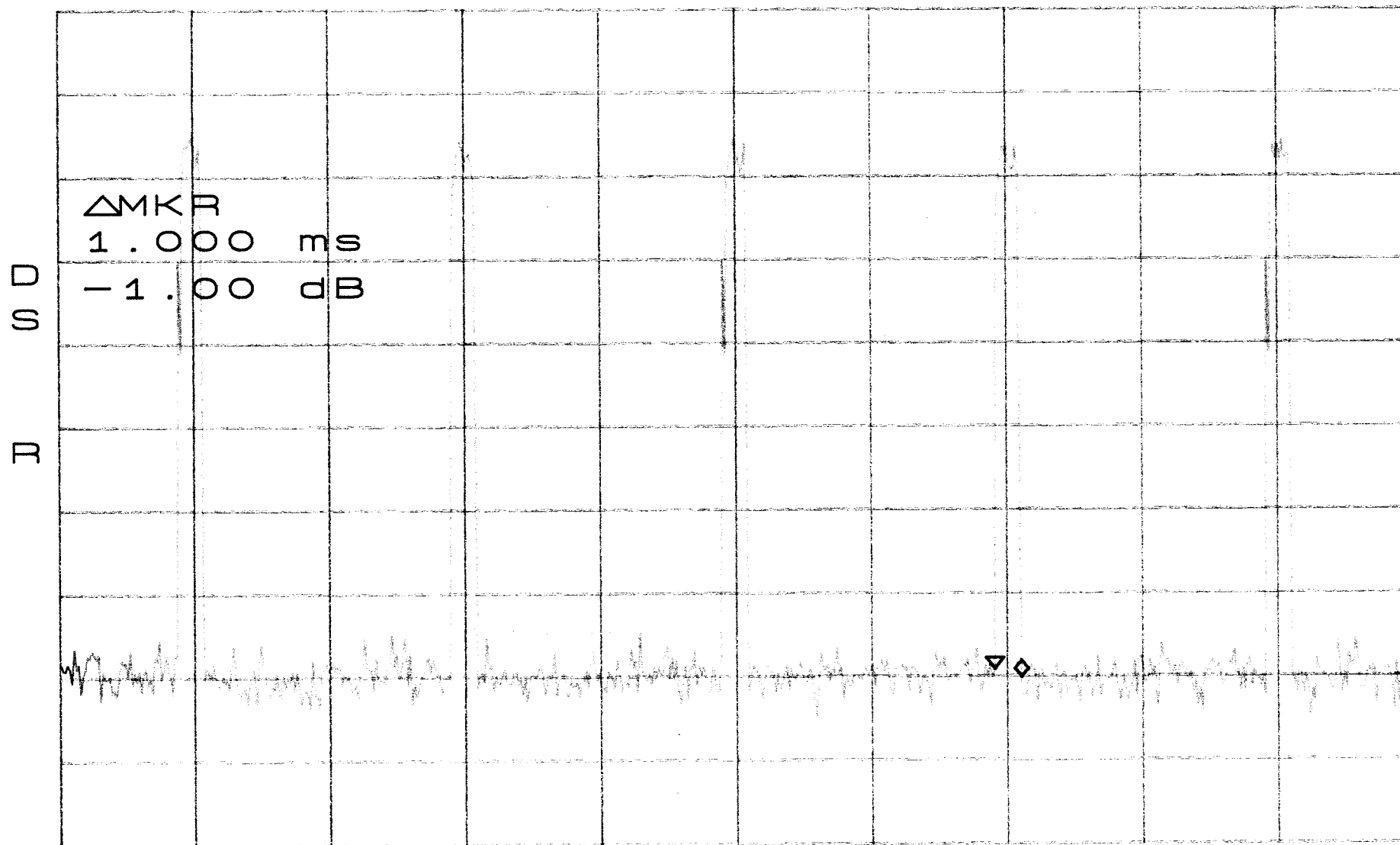
ATTEN 30dB

RL 31.5dBm

10dB/

Δ MKR -1.00dB

1.000ms



CENTER 2.479694000GHz

SPAN 0Hz

*RBW 100KHz

*VBW 100KHz

*SWP 50.0ms

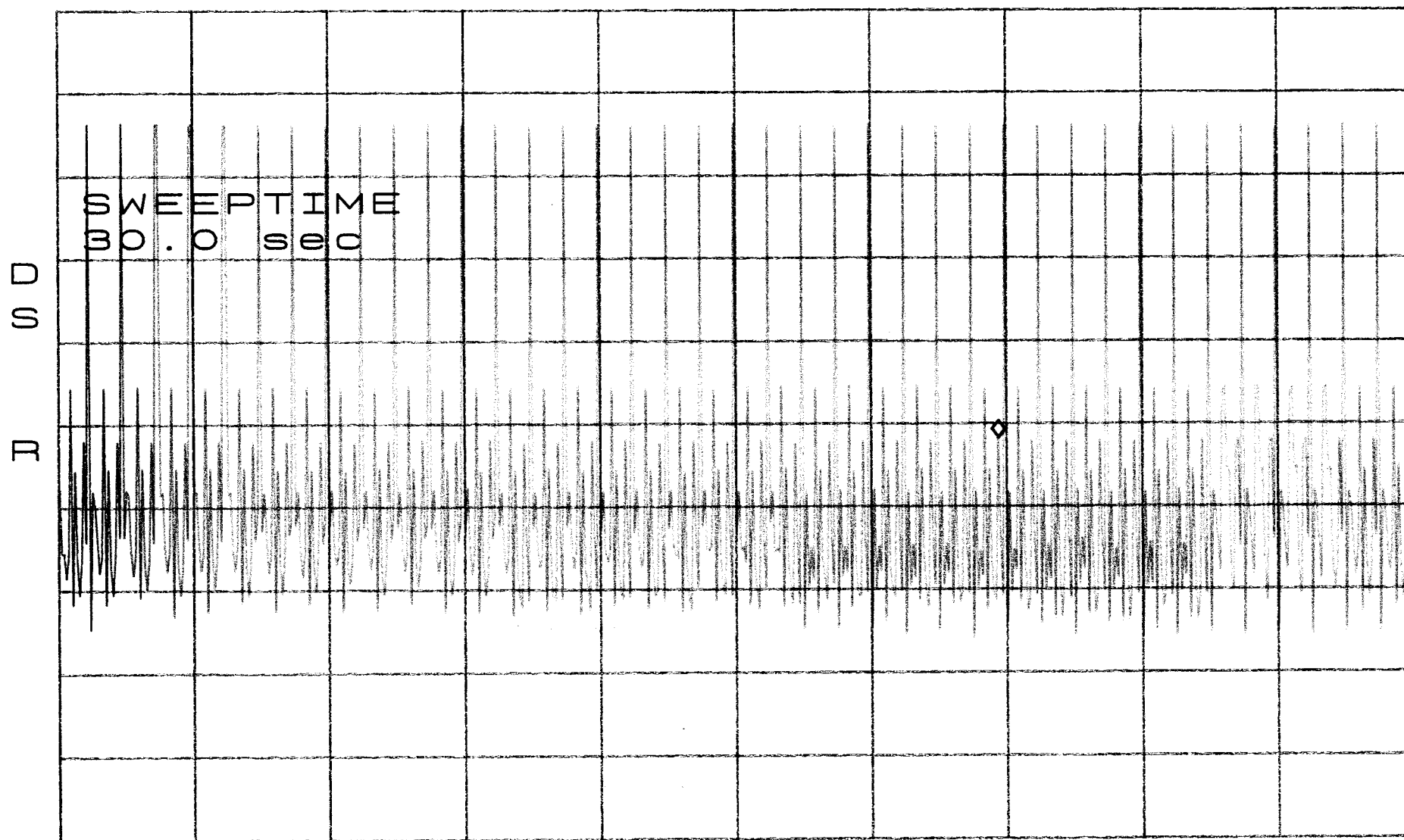
ATTEN 30dB

RL 31.5dBm

10dB/

MKR -20.17dBm

20.800sec



CENTER 2.402784000GHz

SPAN 0Hz

*RBW 100KHz

*VBW 100KHz

*SWP 30.0sec

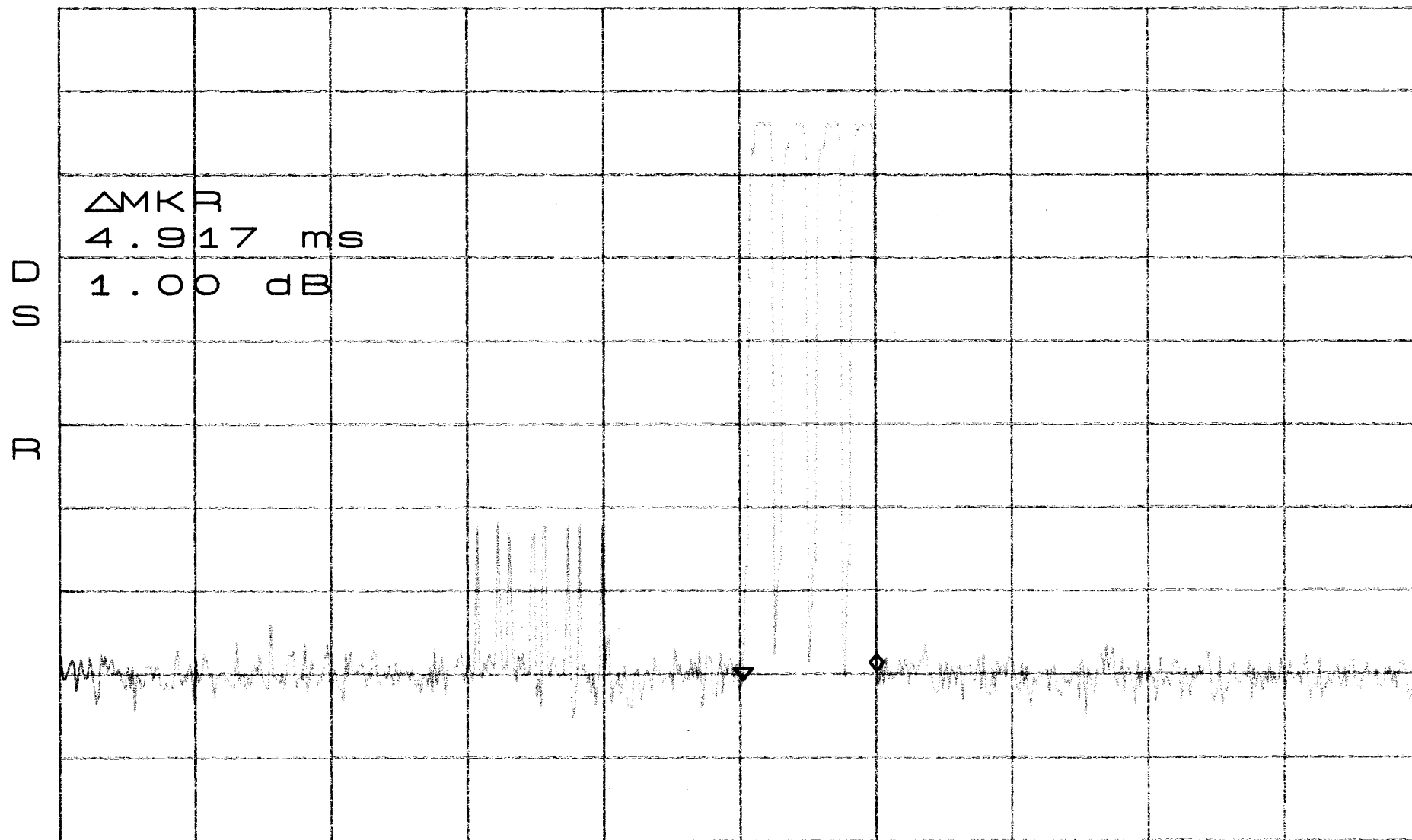
ATTEN 30dB

RL 31.5dBm

Δ MKR 1.00dB

10dB/

4.917ms



CENTER 2.402784000GHz

SPAN 0Hz

*RBW 100KHz

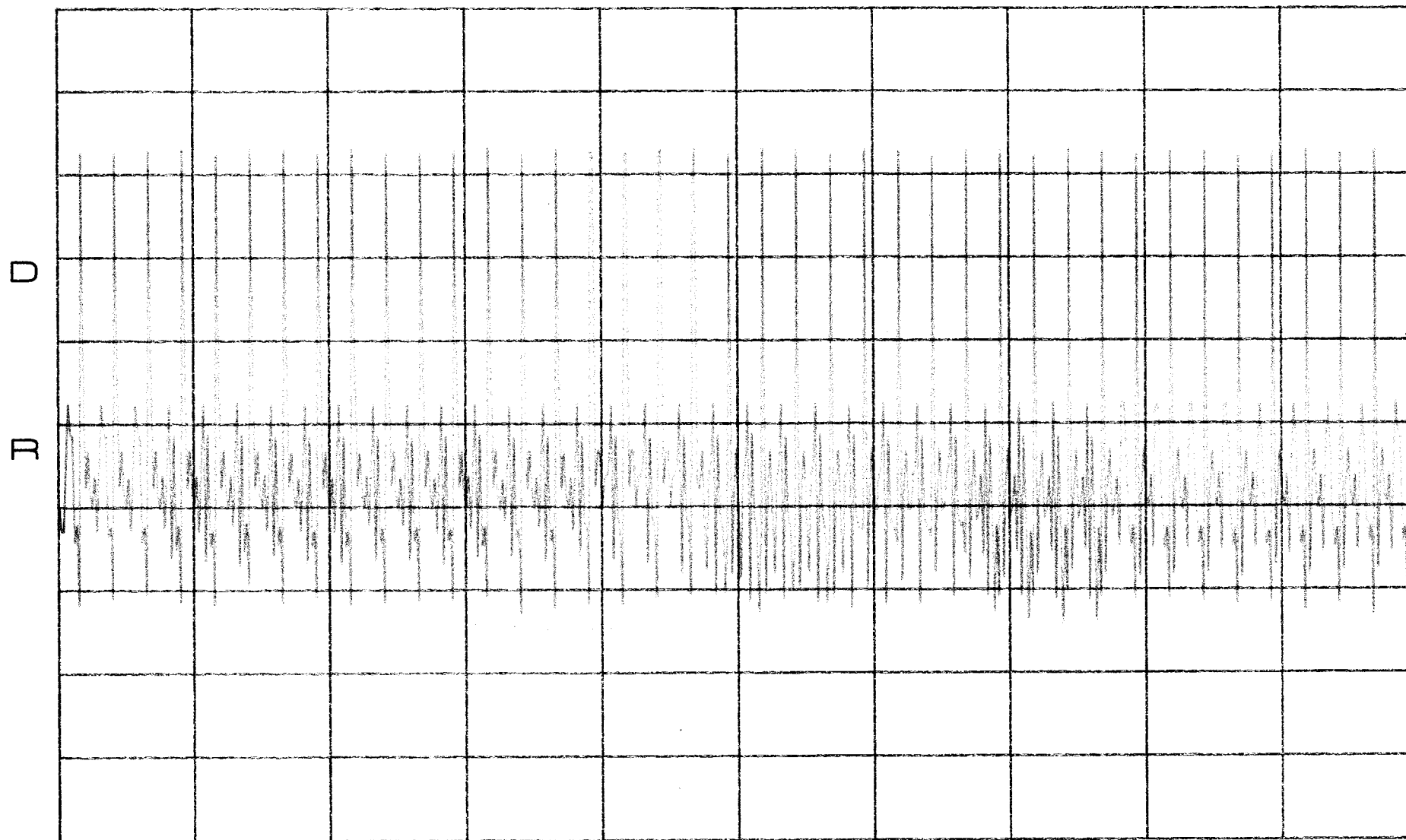
*VBW 100KHz

*SWP 50.0ms

ATTEN 30dB

RL 31.5dBm

10dB/



CENTER 2.437344000GHz

SPAN 0Hz

*RBW 100kHz

*VBW 100kHz

*SWP 30.0sec

ATTEN 30dB

RL 31.5dBm

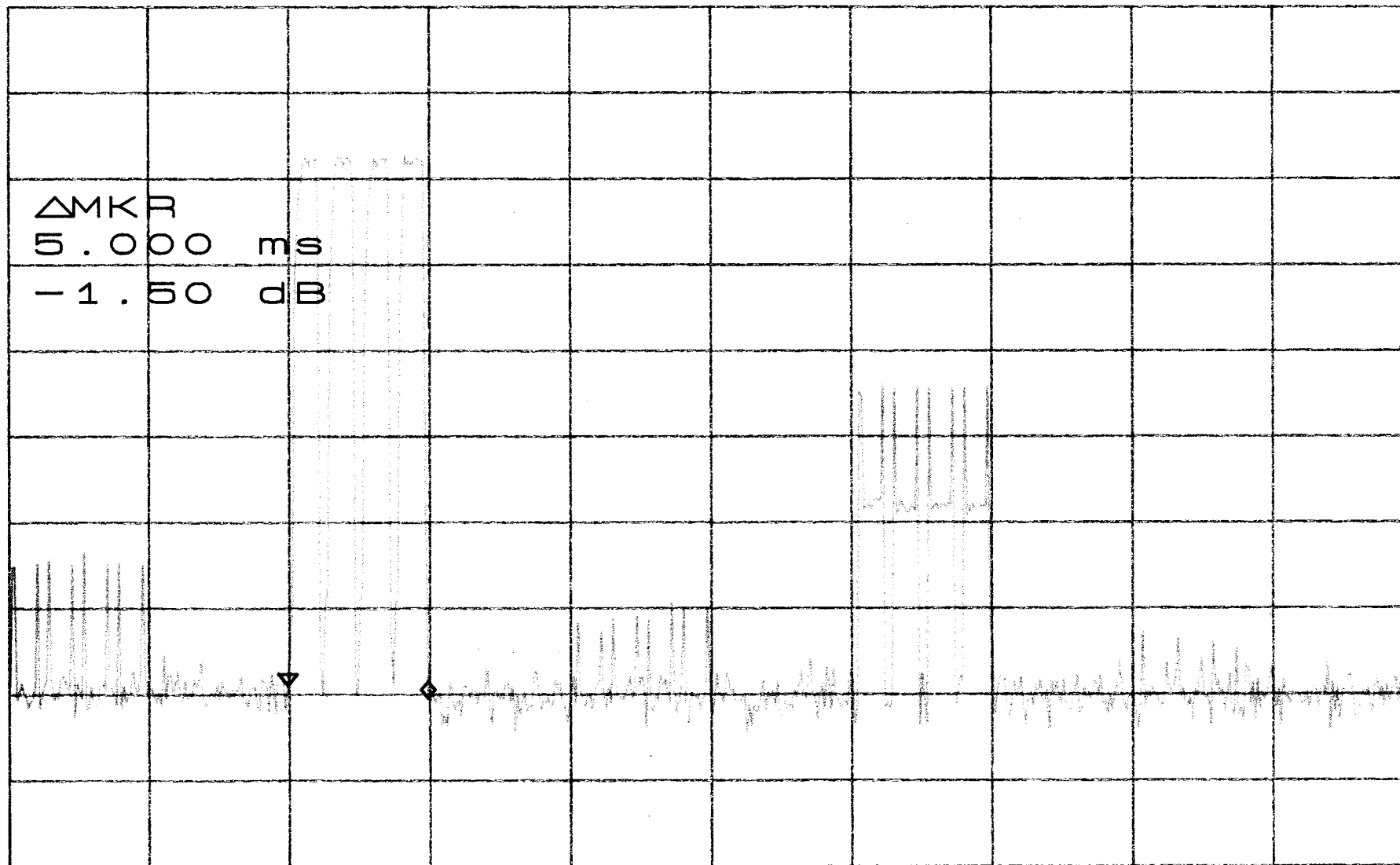
10dB/

Δ MKR -1.50dB

5.000ms

SDR

Δ MKR
5.000 ms
-1.50 dB



CENTER 2.437340000GHZ

SPAN 0Hz

*RBW 100kHz

*VBW 100kHz

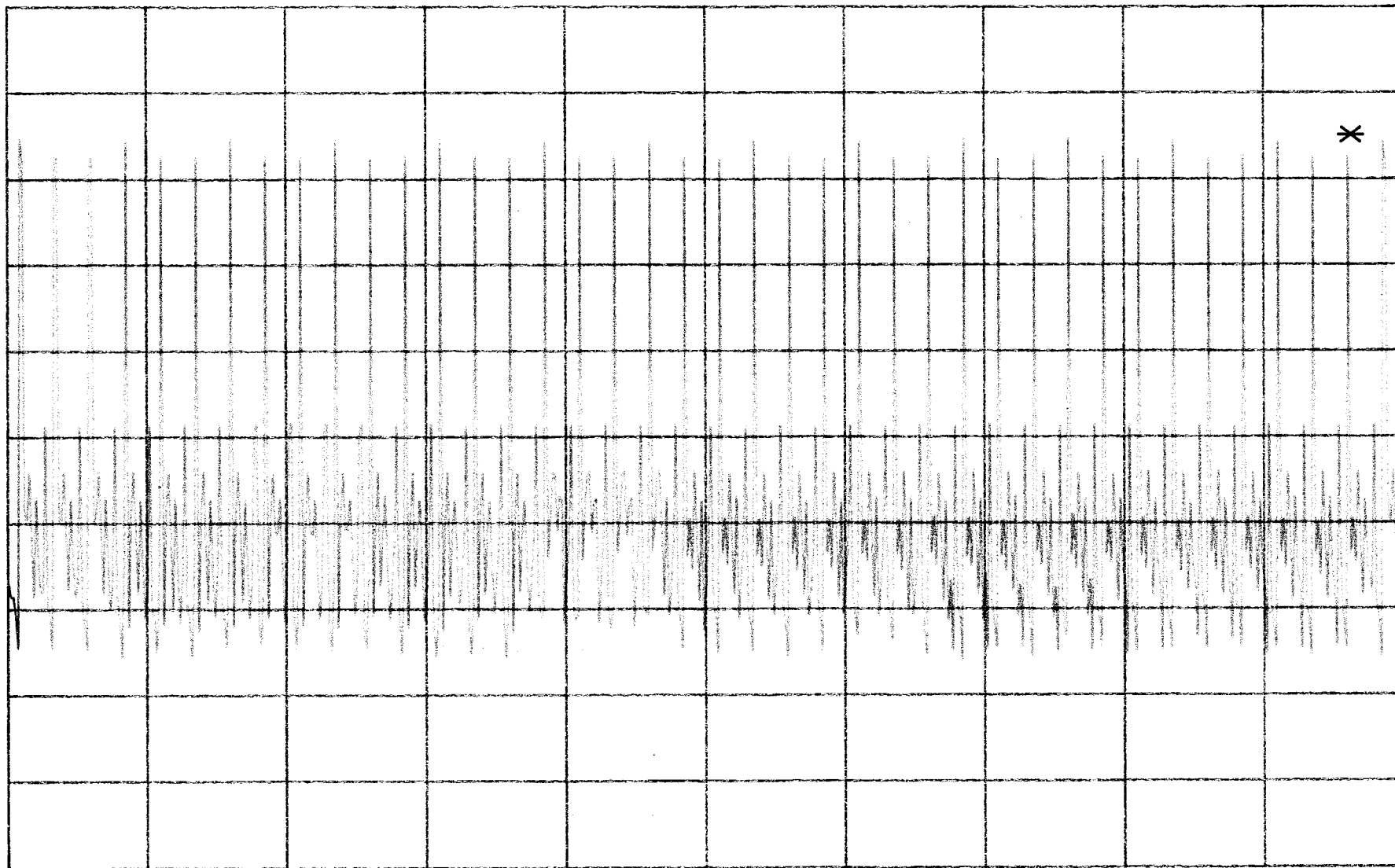
*SWP 50.0ms

ATTEN 30dB

RL 31.5dBm

10dB/

00
00



CENTER 2.479697000GHZ

SPAN 0Hz

*RBW 100KHz

*VBW 100KHz

*SWP 30.0sec

ATTEN 30dB

RL 31.5dBm

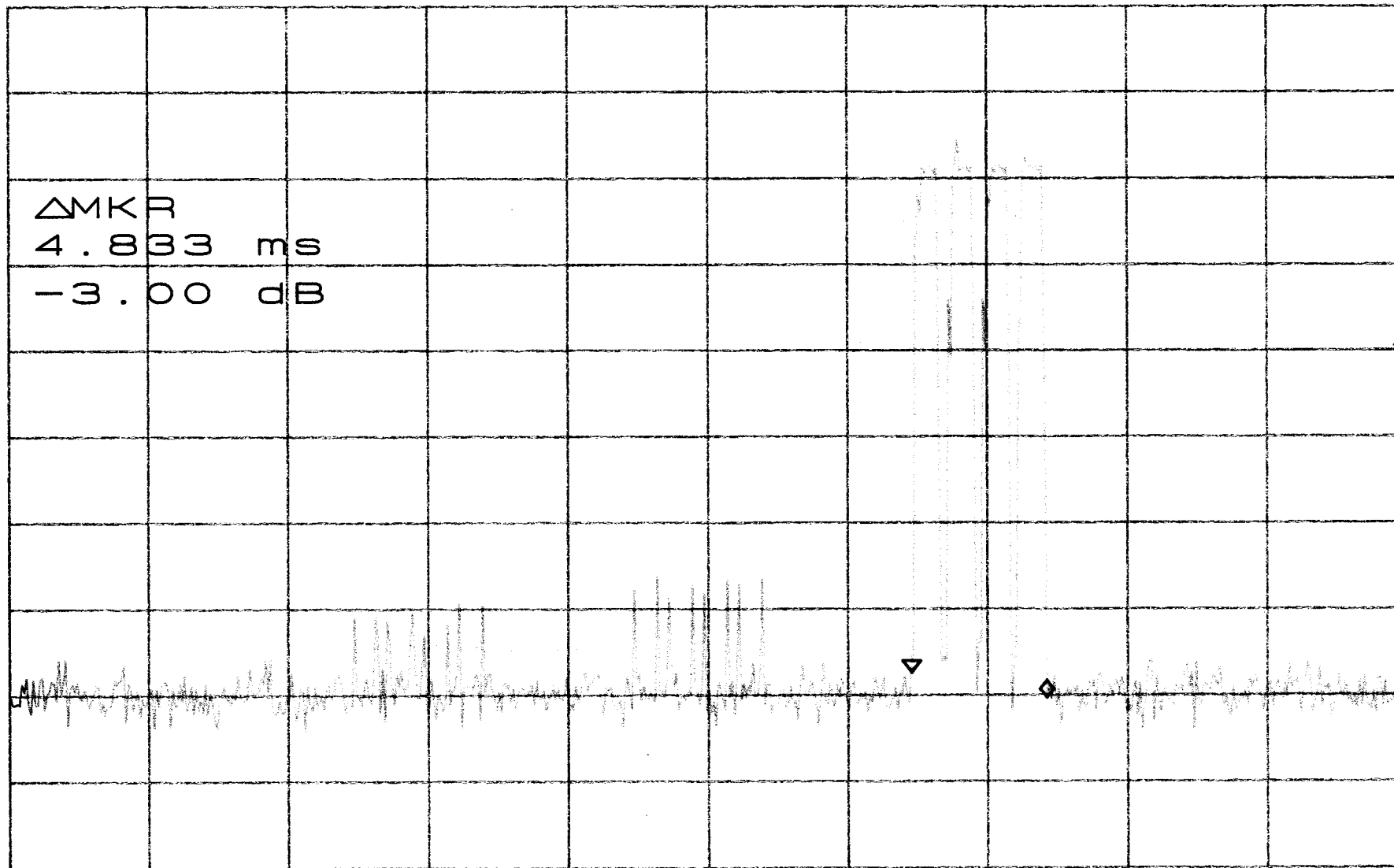
10dB/

Δ MKR -3.00dB

4.833ms

SD
D

Δ MKR
4.833 ms
-3.00 dB



CENTER 2.479697000GHz

SPAN 0Hz

*RBW 100KHz

*VBW 100KHz

*SWP 50.0ms

Appendix 6 : Plotted Data for Output Peak Power

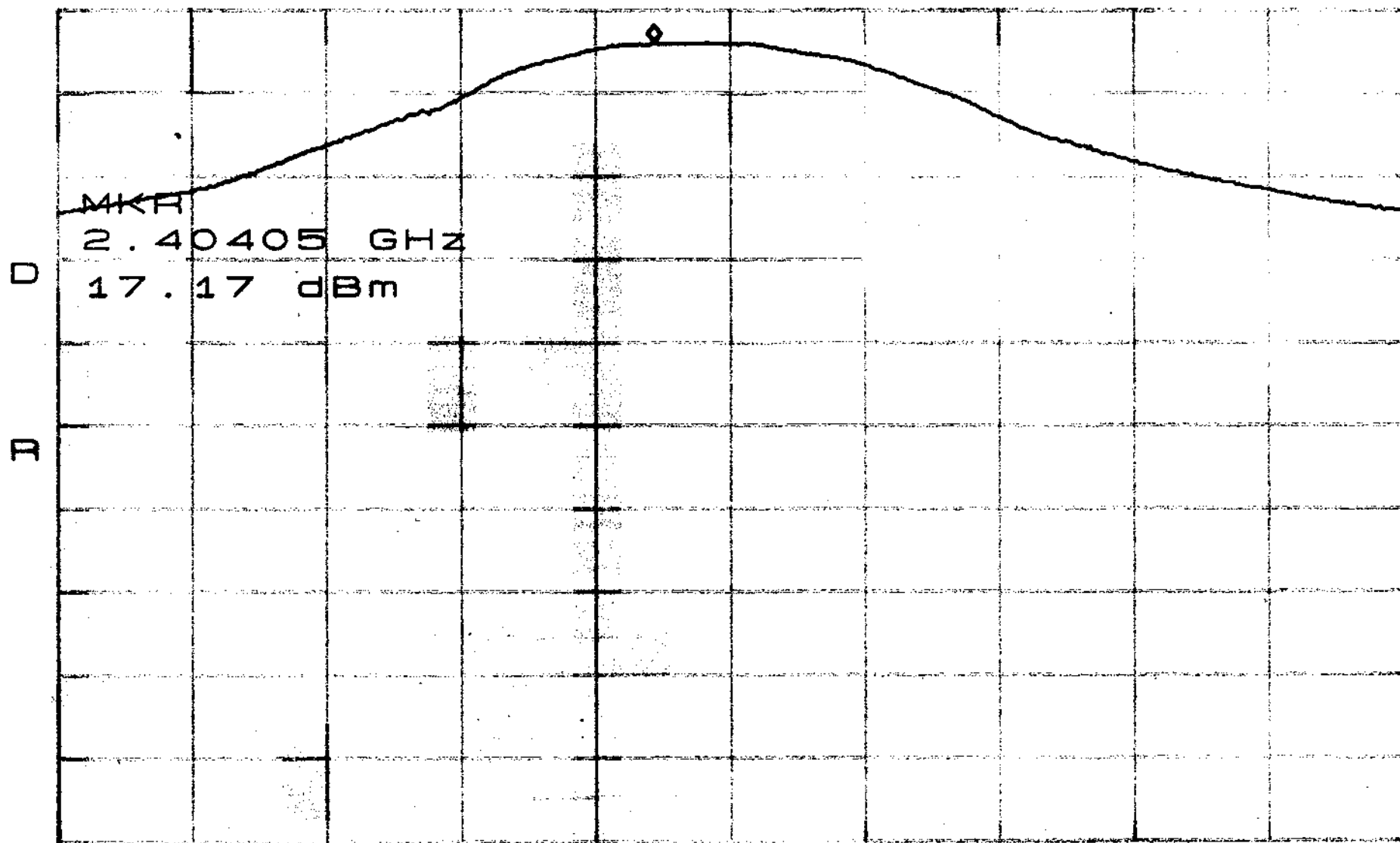
*ATTEN 30dB

MKR 17.17dBm

RL 21.0dBm

10dB/

2.40405GHz



CENTER 2.40462GHz

SPAN 10.00MHz

*RBW 2.0MHz

*VBW 3.0MHz

*SWP 1.00sec

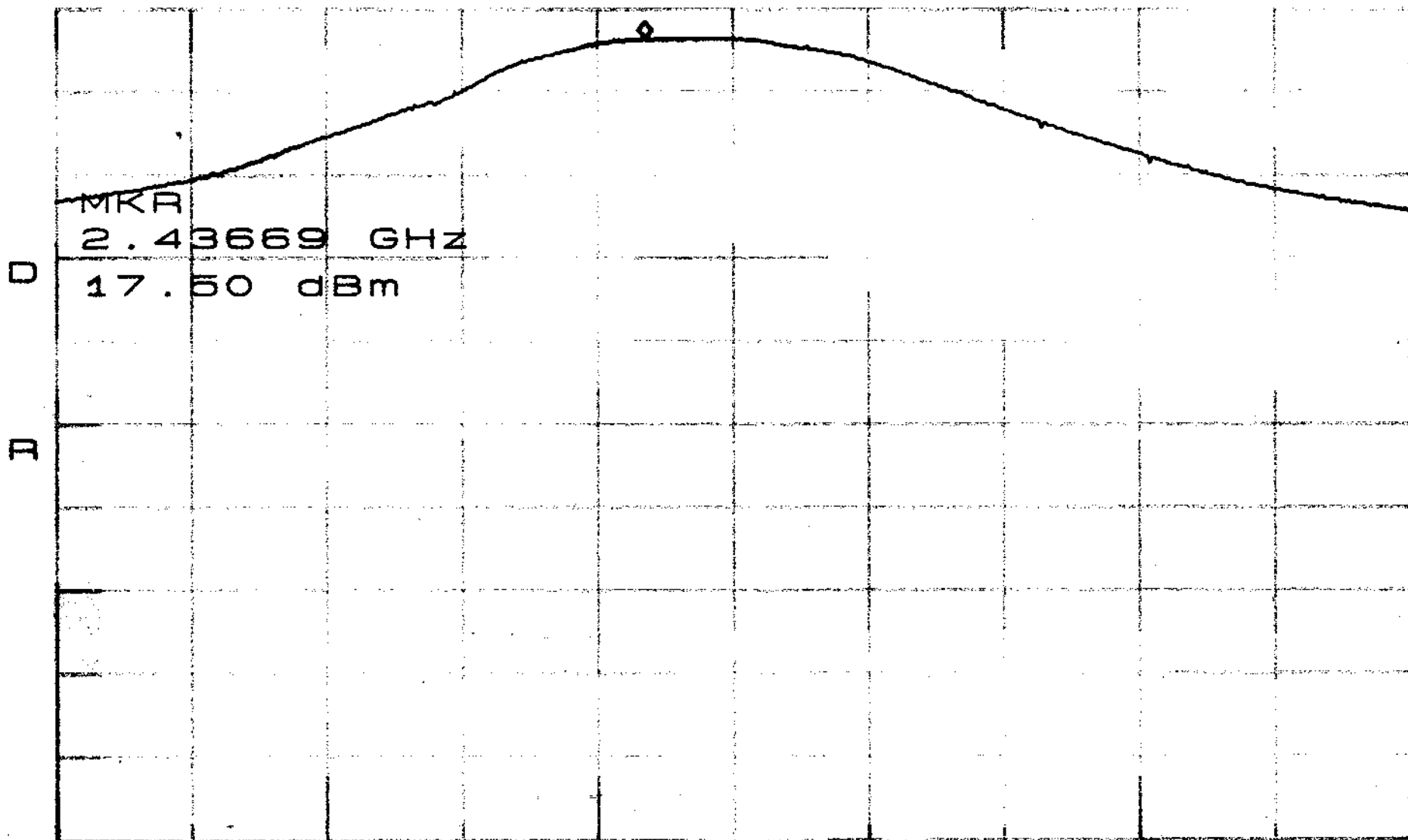
*ATTEN 30dB

MKR 17.50dBm

RL 21.0dBm

10dB/

2.43669GHz



CENTER 2.43734GHz

SPAN 10.00MHz

*RBW 2.0MHz

*VBW 3.0MHz

*SWP 1.00sec

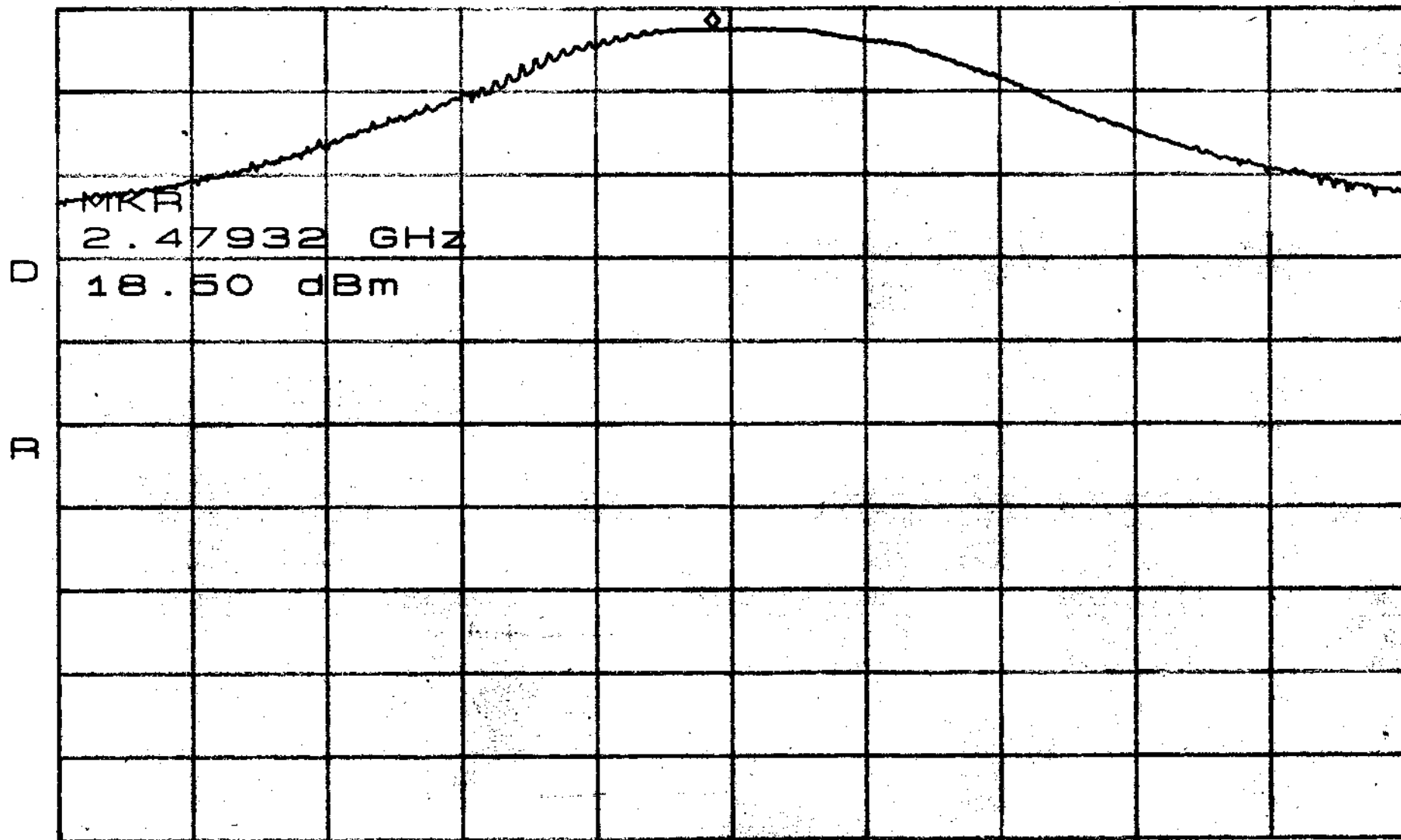
*ATTEN 30dB

RL 21.0dBm

MKR 18.50dBm

10dB/

2.47932GHz



CENTER 2.47945GHz

SPAN 10.00MHz

*RBW 2.0MHz

*VBW 3.0MHz

*SWP 1.00sec

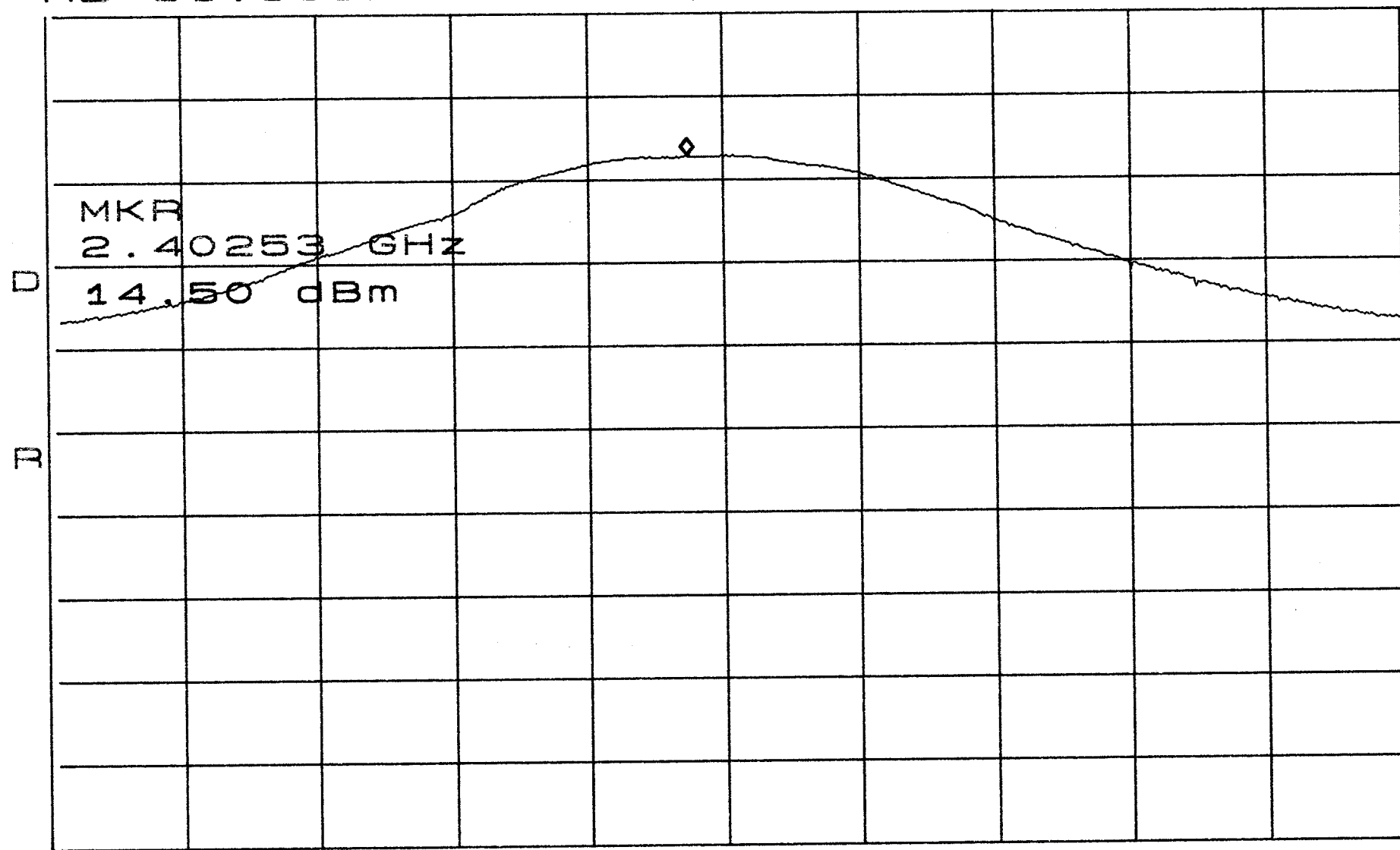
ATTEN 30dB

RL 31.5dBm

10dB/

MKR 14.50dBm

2.40253GHz



CENTER 2.40288GHz

SPAN 10.00MHz

*RBW 2.0MHz

*VBW 3.0MHz

SWP 50.0ms

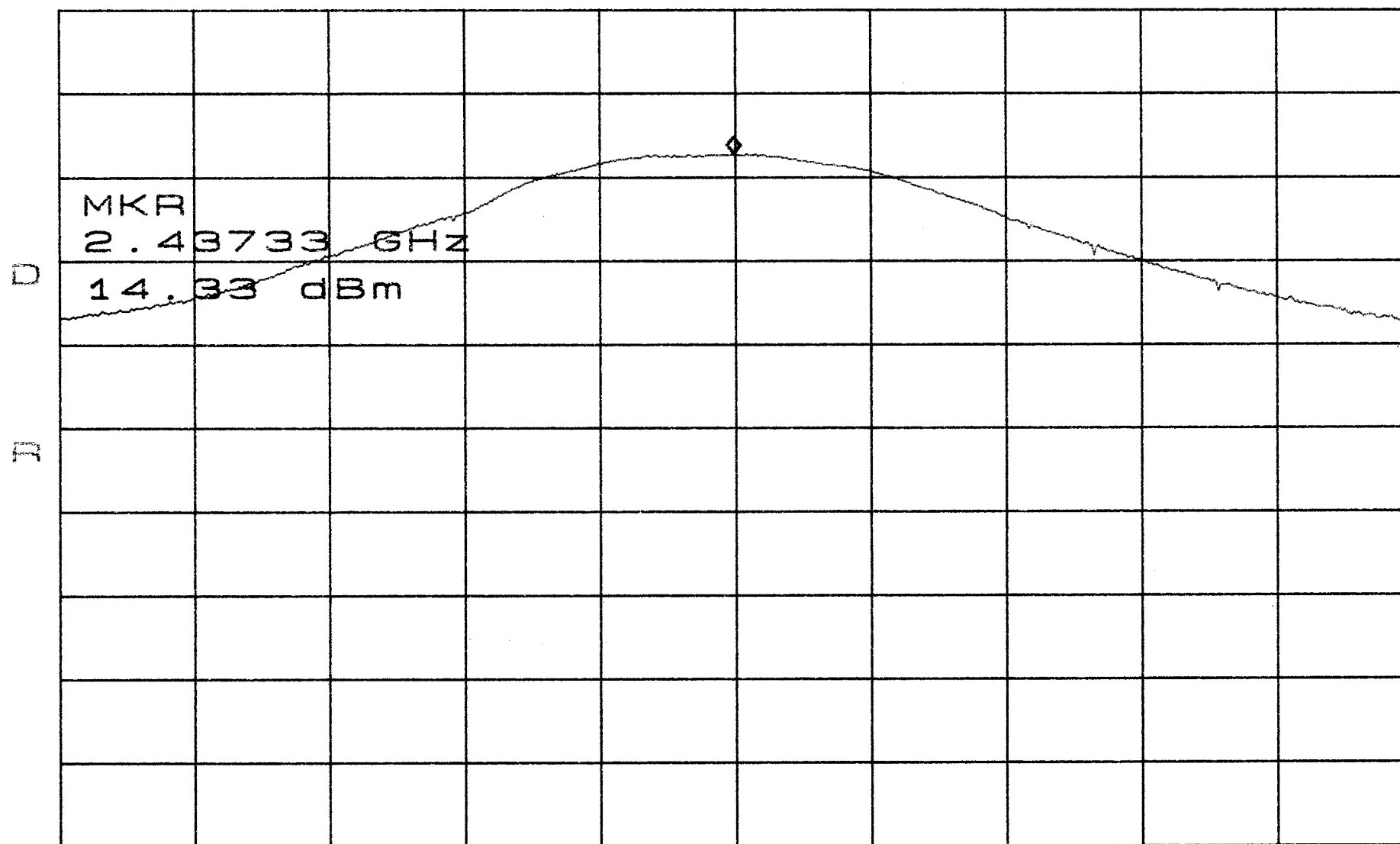
ATTEN 30dB

MKR 14.33dBm

RL 31.5dBm

10dB/

2.43733GHz



CENTER 2.43734GHz

SPAN 10.00MHz

*RBW 2.0MHz

*VBW 3.0MHz

SWP 50.0ms

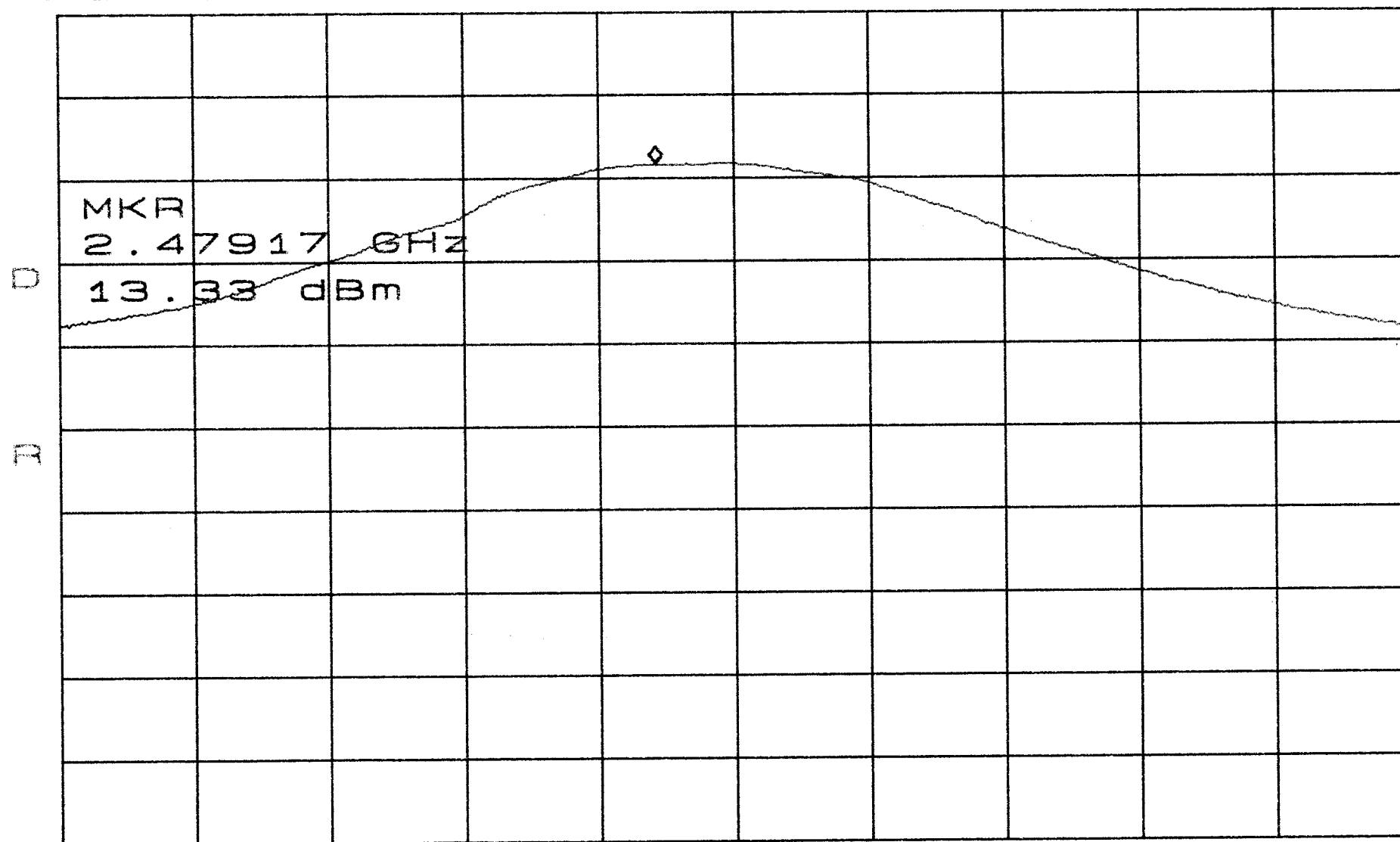
ATTEN 30dB

MKR 13.33dBm

RL 31.5dBm

10dB/

2.47917GHz



CENTER 2.47975GHz

SPAN 10.00MHz

*RBW 2.0MHz

*VBW 3.0MHz

*SWP 200ms

Appendix 7 : Plotted Data for 100 kHz Bandwidth from Band Edge

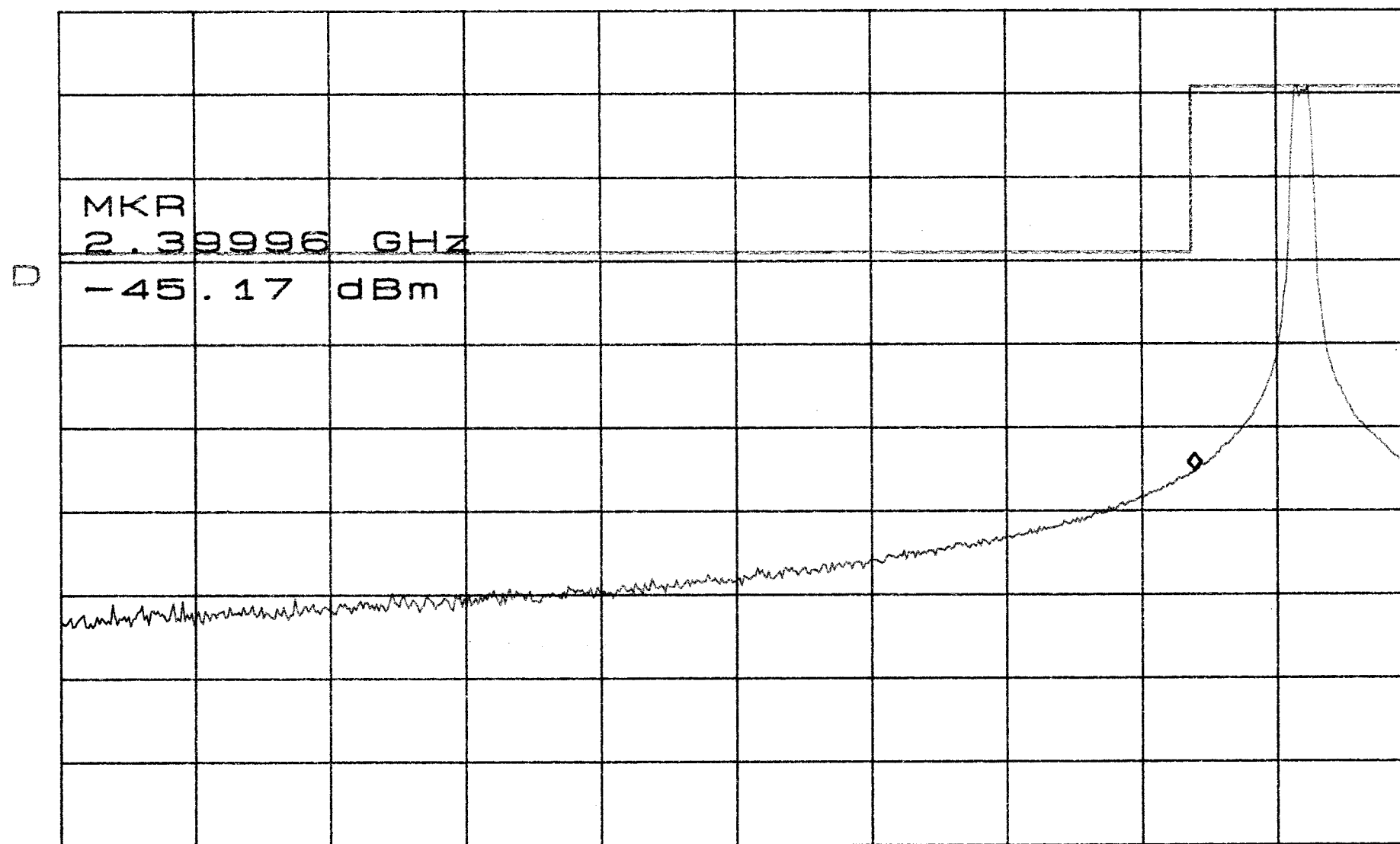
ATTEN 20dB

MKR -45.17dBm

RL 10.0dBm

10dB/

2.39996GHz



START 2.36642GHz

STOP 2.40642GHz

*RBW 100KHz

*VBW 100KHz

SWP 50.0ms

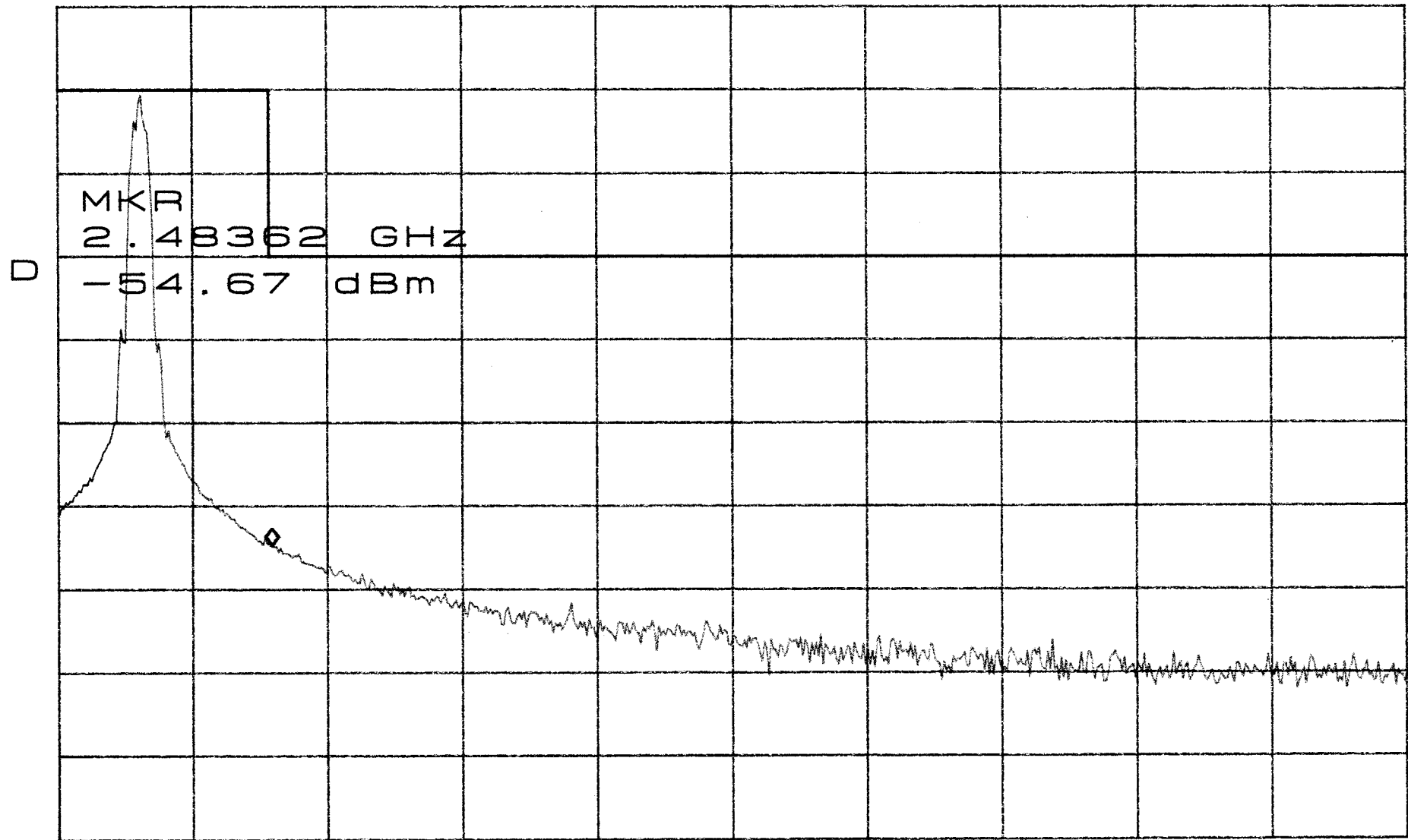
ATTEN 20dB

MKR -54.67dBm

RL 10.0dBm

10dB/

2.48362GHz



START 2.47729GHz

STOP 2.51729GHz

*RBW 30KHz

*VBW 30KHz

SWP 120ms

ATTEN 30dB

MKR -42.67dBm

RL 20.0dBm

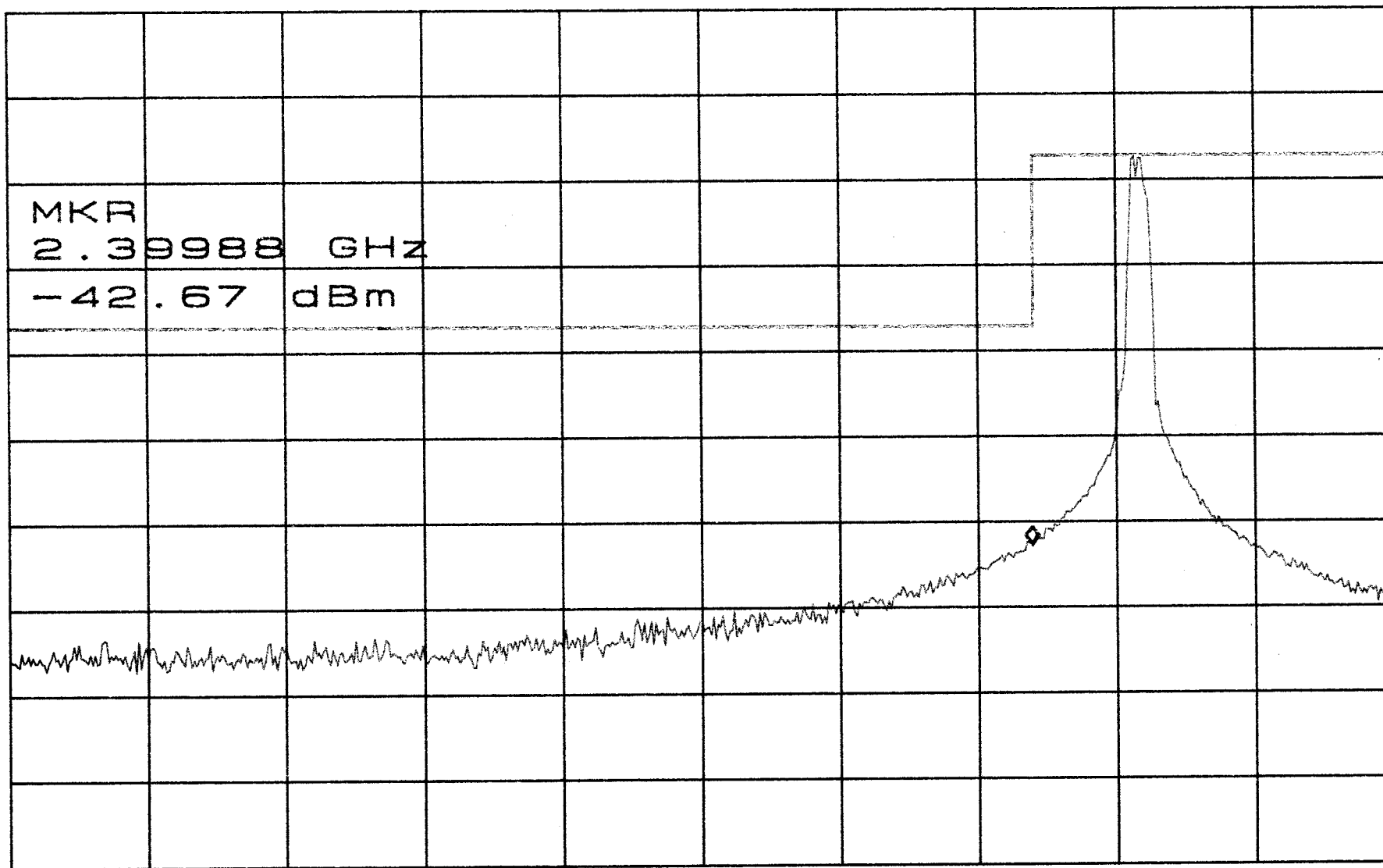
10dB/

2.399888GHz

D

MKR
2.399888 GHz

-42.67 dBm



START 2.37035GHz

STOP 2.41035GHz

*RBW 100KHz

*VBW 100KHz

*SWP 100ms

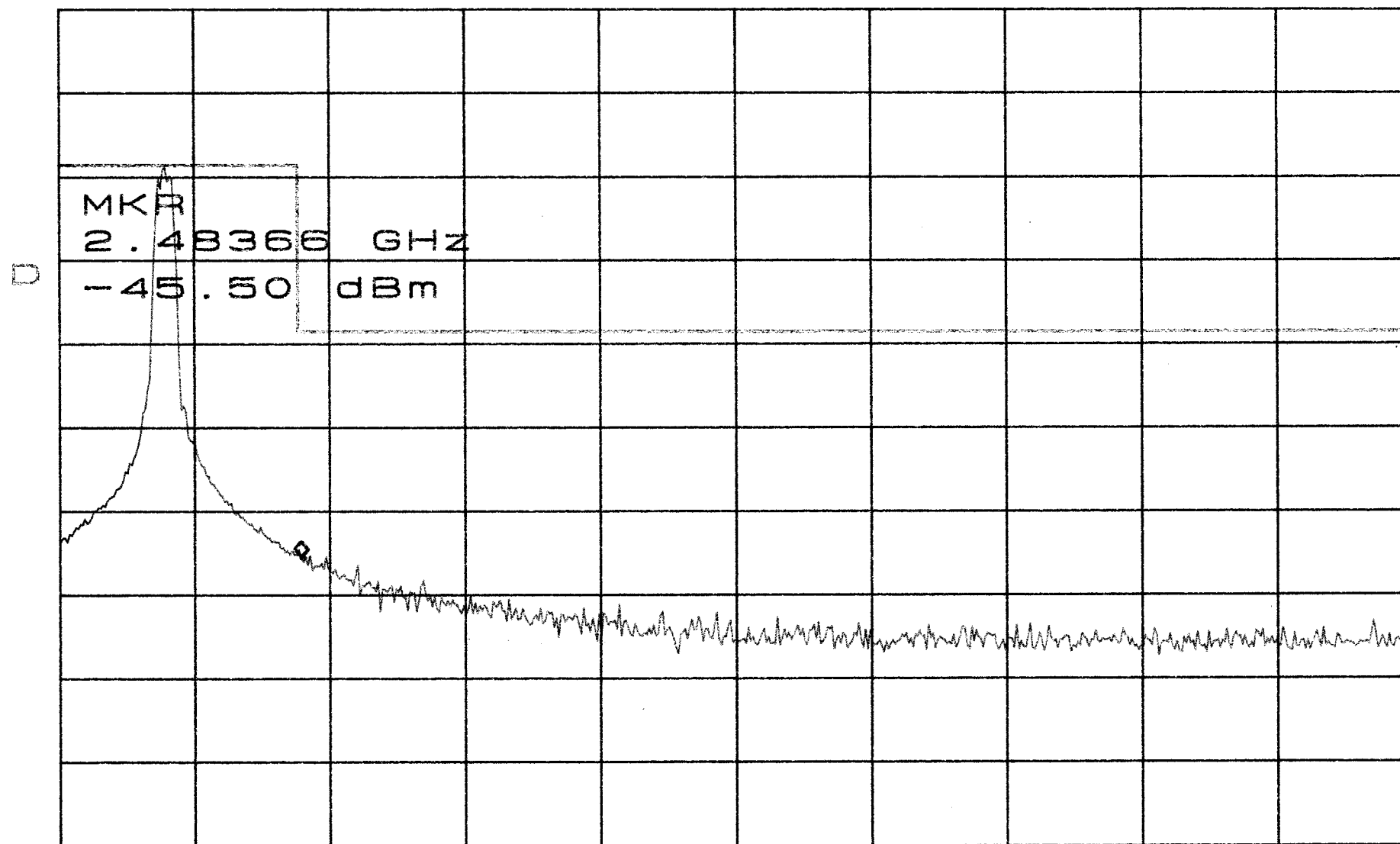
ATTEN 30dB

MKR -45.50dBm

RL 20.0dBm

10dB/

2.48366GHz



START 2.47653GHz

STOP 2.51653GHz

*RBW 100kHz

*VBW 100kHz

SWP 50.0ms