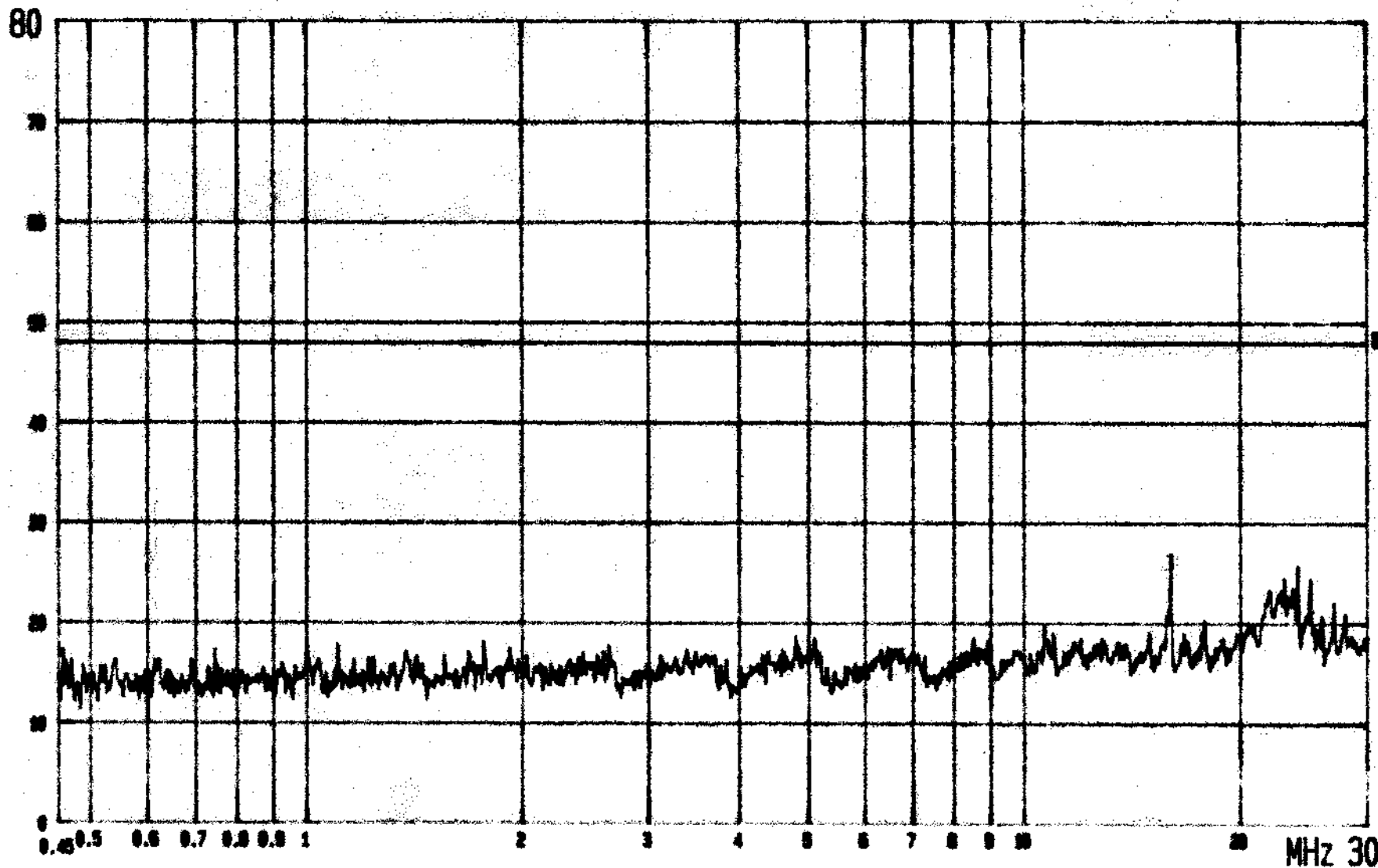
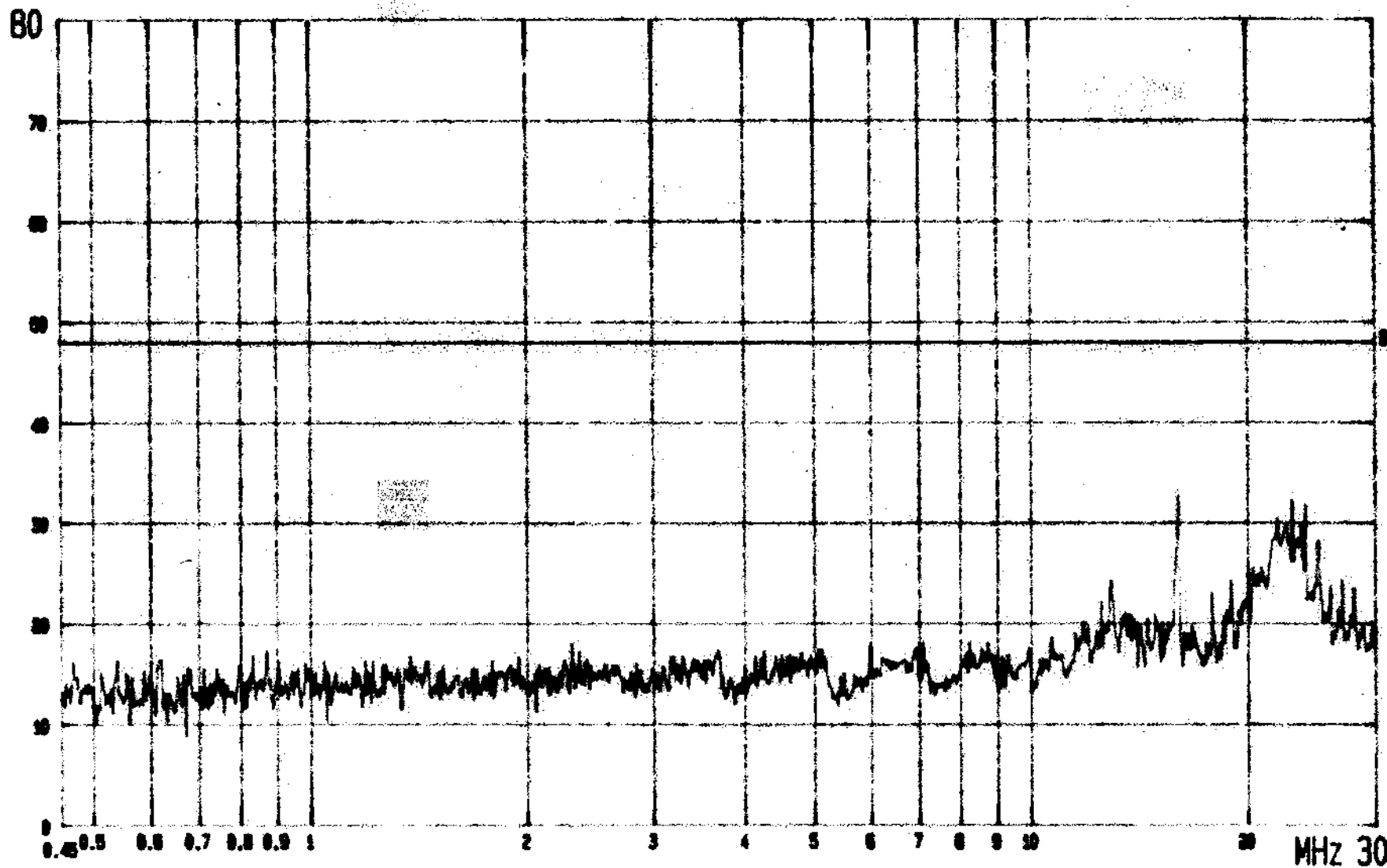


dBuV

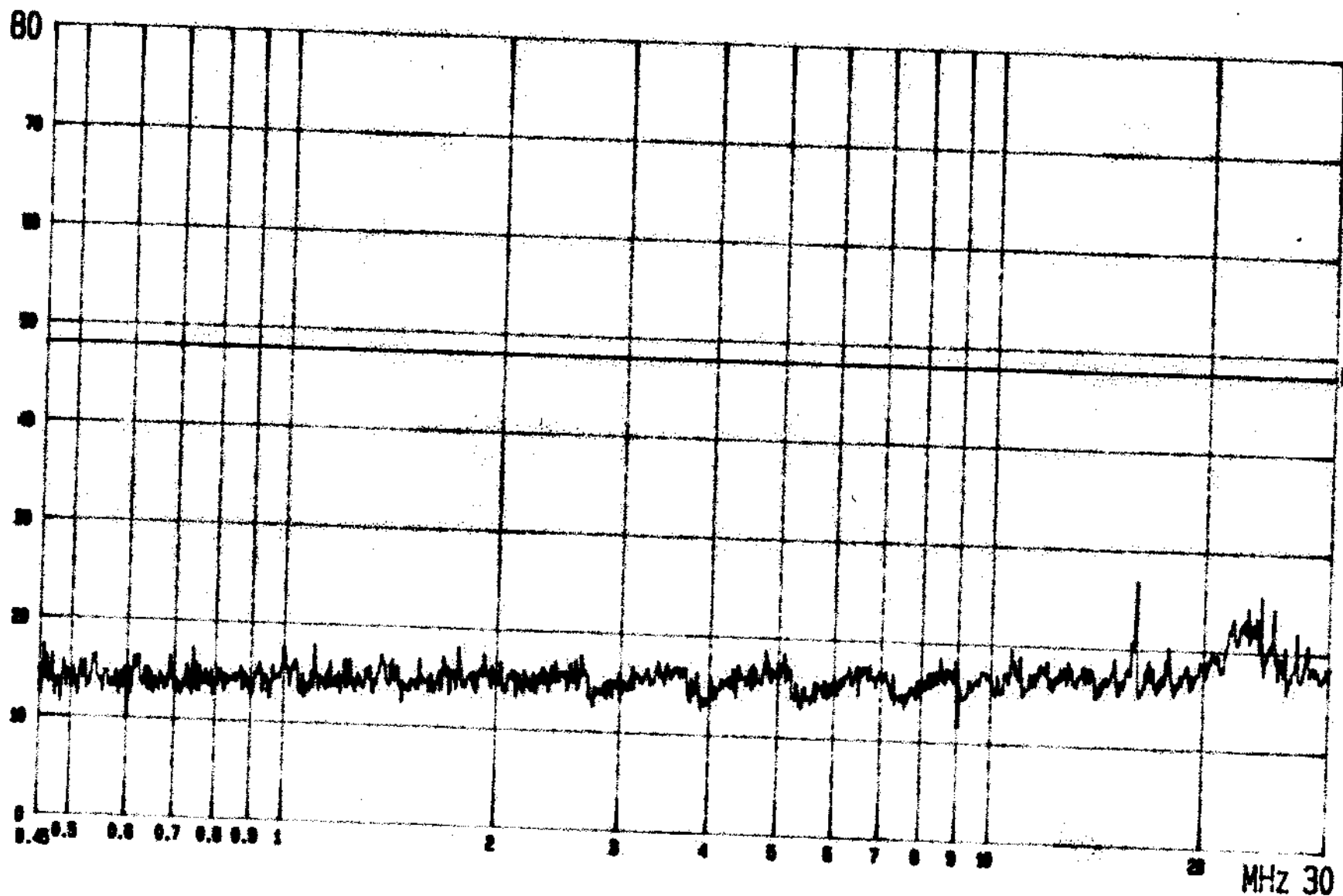


FCC CONDUCTED TEST EUT: SPREAD SPECTRUM TELEPHONE LISN: N 2: QP., CLASS B LIMIT
MODEL: SN-920 MODE: TX/RX (CH01) ADAPTOR: I/P=120V/60HZ., O/P=9VDC ETC EMI LAB.



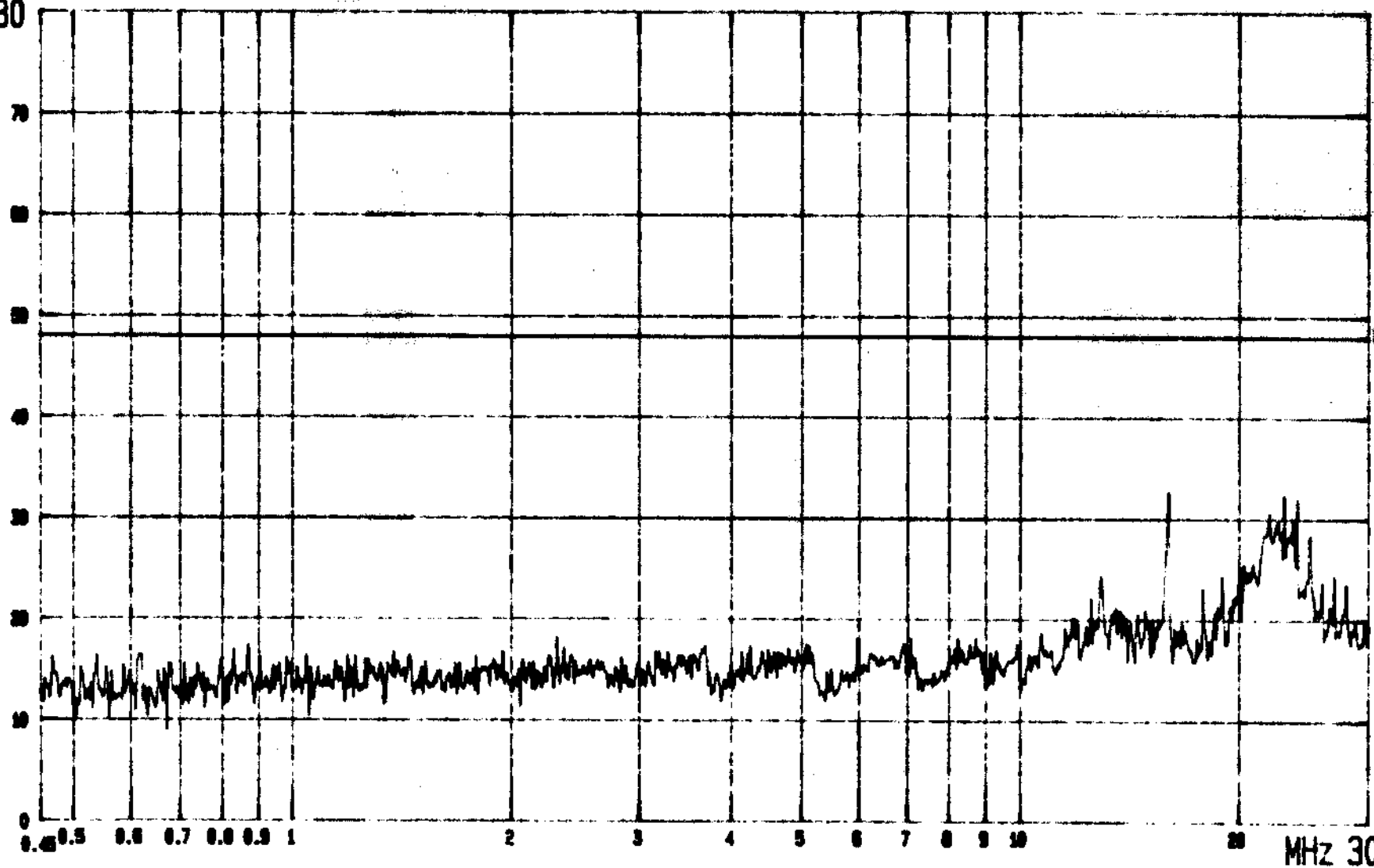
 FCC CONDUCTED TEST EUT: SPREAD SPECTRUM TELEPHONE LISN: L1 2: QP., CLASS B LIMIT
 MODEL: SN-920 MODE: TX/RX (CH01) ADAPTOR: I/P=120V/60HZ., O/P=9VDC ETC EMI LAB.

dBuV



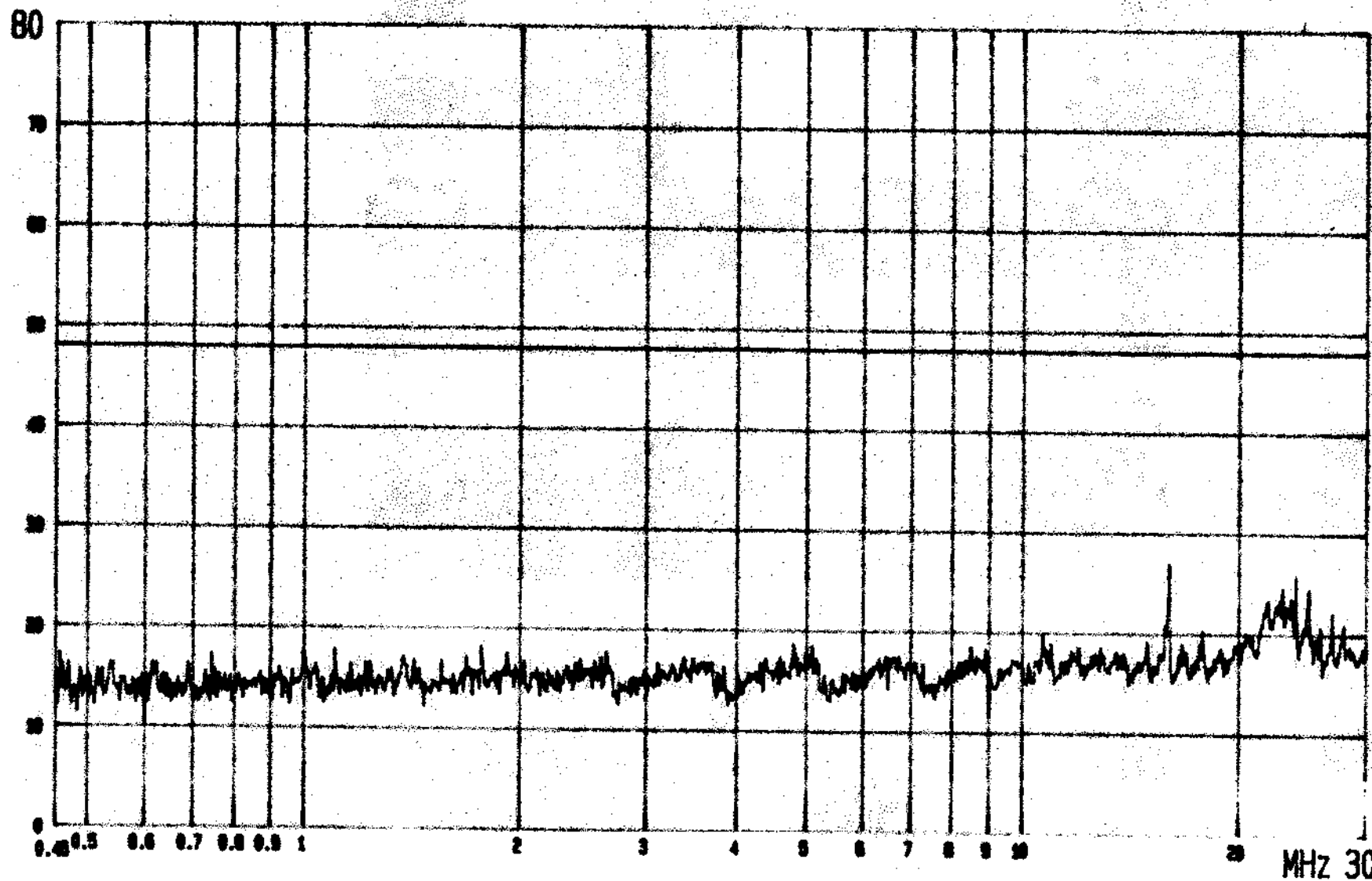
FCC CONDUCTED TEST EUT: SPREAD SPECTRUM TELEPHONE LISN: N 2: GP., CLASS B LIMIT
MODEL: SN-920 MODE: TX/RX (CH72) ADAPTOR: I/P=120V/60HZ., O/P=9VDC ETC EMI LAB.

80



| ---

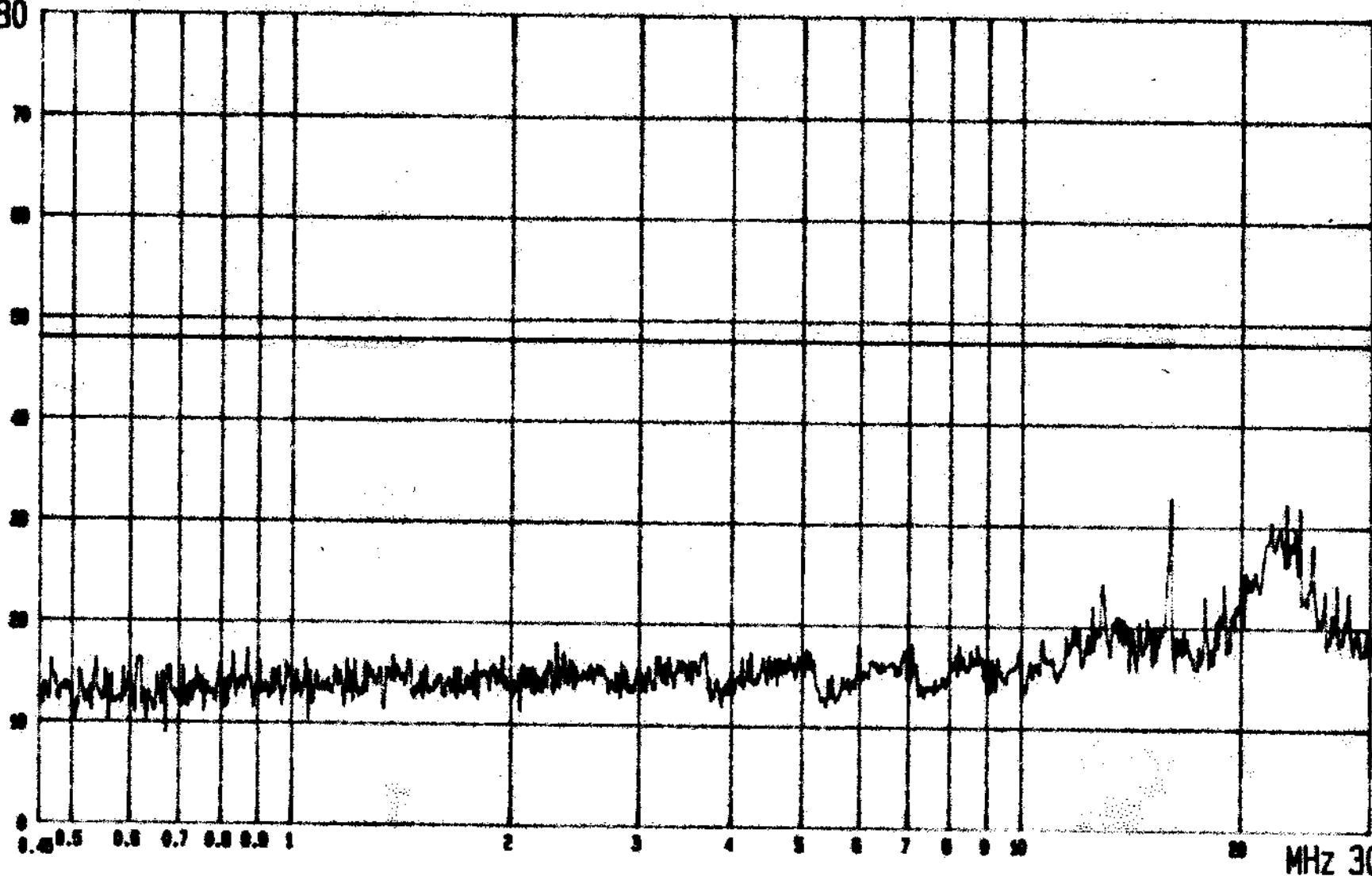
FCC CONDUCTED TEST EUT: SPREAD SPECTRUM TELEPHONE LISN: L1 2: QP., CLASS B LIMIT
MODEL: SN-920 MODE: TX/RX (CH72) ADAPTOR: I/P=120V/60HZ., O/P=9VDC ETC EMI LAB.



CC CONDUCTED TEST EUT: SPREAD SPECTRUM TELEPHONE LISN: N 2: QP., CLASS B LIMIT
 ODEL: SN-920 MODE: TX/RX (CH142) ADAPTOR: I/P=120V/60HZ., O/P=9VDC ETC EMI LAB.

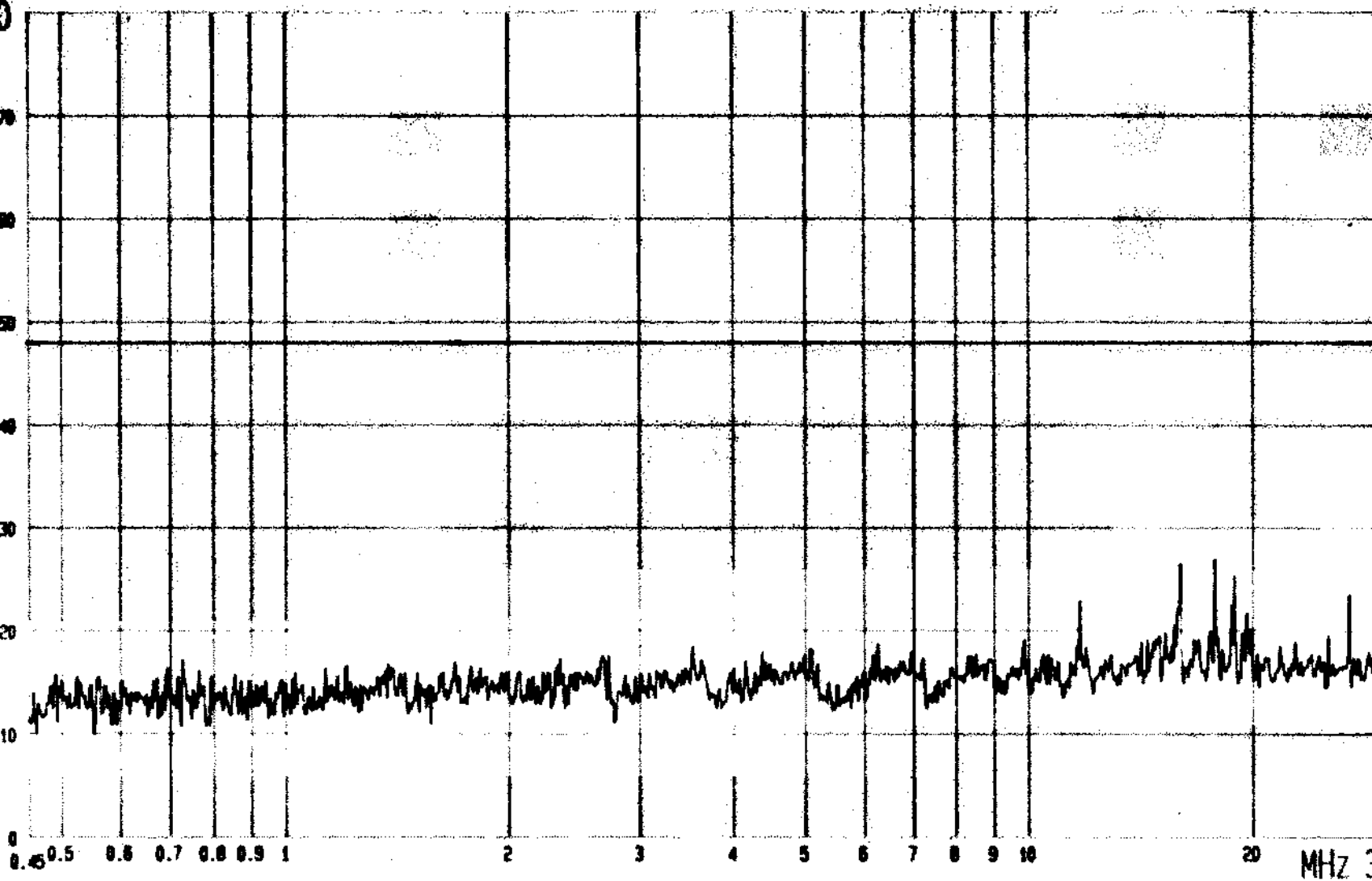
dBuV

80



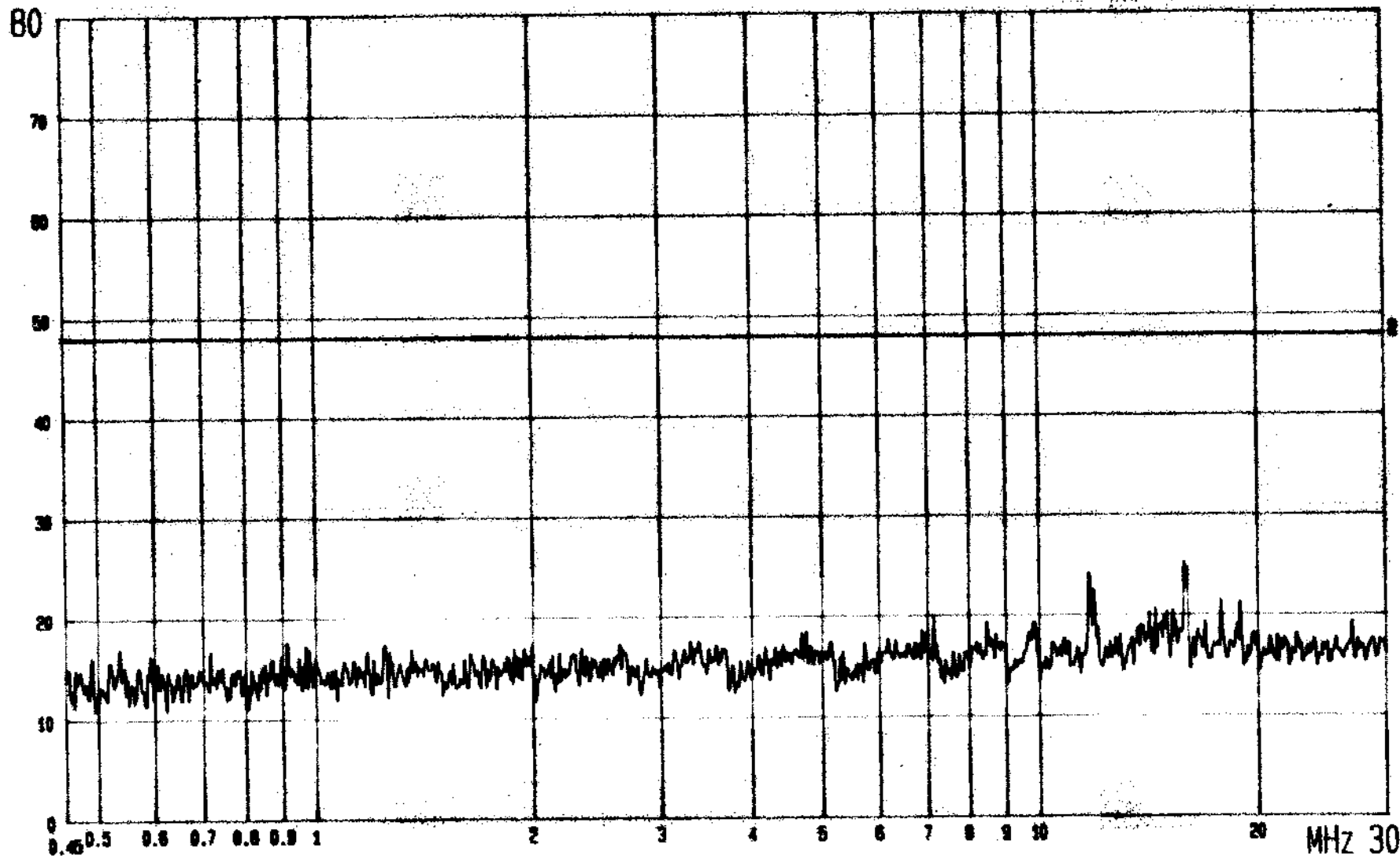
MHz 30

FCC CONDUCTED TEST EUT: SPREAD SPECTRUM TELEPHONE LISN: L1 2: QP., CLASS B LIMIT
MODEL: SN-920 MODE: TX/RX (CH142) ADAPTOR: I/P=120V/60HZ., O/P=9VDC ETC EMI LAB.

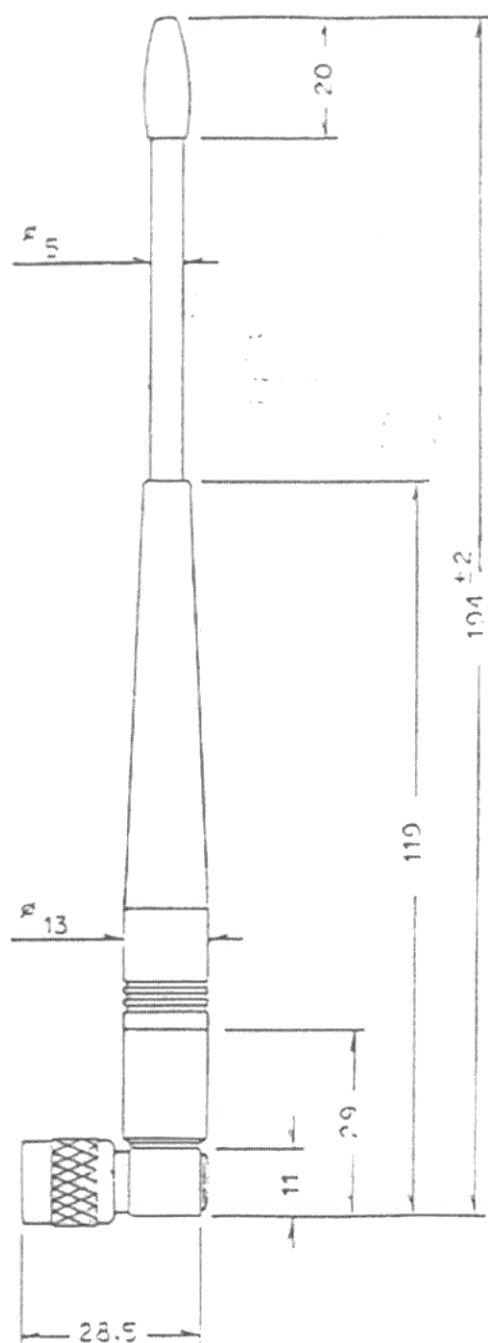


DUCTED TEST EUT: SPREAD SPECTRUM TELEPHONE LISN: N 2: GP., CLASS B LIMIT
N-920 MODE: CHARGE ADAPTOR: I/P=120V/60HZ., O/P=12VDC ETC EMI LAB.

uV



CC CONDUCTED TEST EUT: SPREAD SPECTRUM TELEPHONE LISN: L1 2: GP., CLASS B LIMIT
 MODEL: SN-920 MODE: CHARGE ADAPTOR: I/P=120V/60HZ., O/P=12VDC ETC EMI LAB.

RIGHT ANGLE DIPOLE ANTENNA**Electrical Properties:**

Frequency Range: 902~928MHz

Impedance : 50 Ohms nominal

VSWR : Less than 2.0:1

Gain : 2 dbi

Radiation : Omni

Polarization : Vertical

Electrical Wave : $1/4 \lambda$ Dipole

Mechanical Properties:

Unit : mm

Tolerance : $\pm 0.25\text{mm}$

Connector : TNC plug (Reverse Thread)
(Black Chromium Plating)

Material :

Antenna Cover: Polyurethane (Black)

Base : Polycarbonate (Black)

Operation temp : $-20^{\circ}\text{C} + 65^{\circ}\text{C}$

Storage temp : $-30^{\circ}\text{C} + 75^{\circ}\text{C}$

Model No:

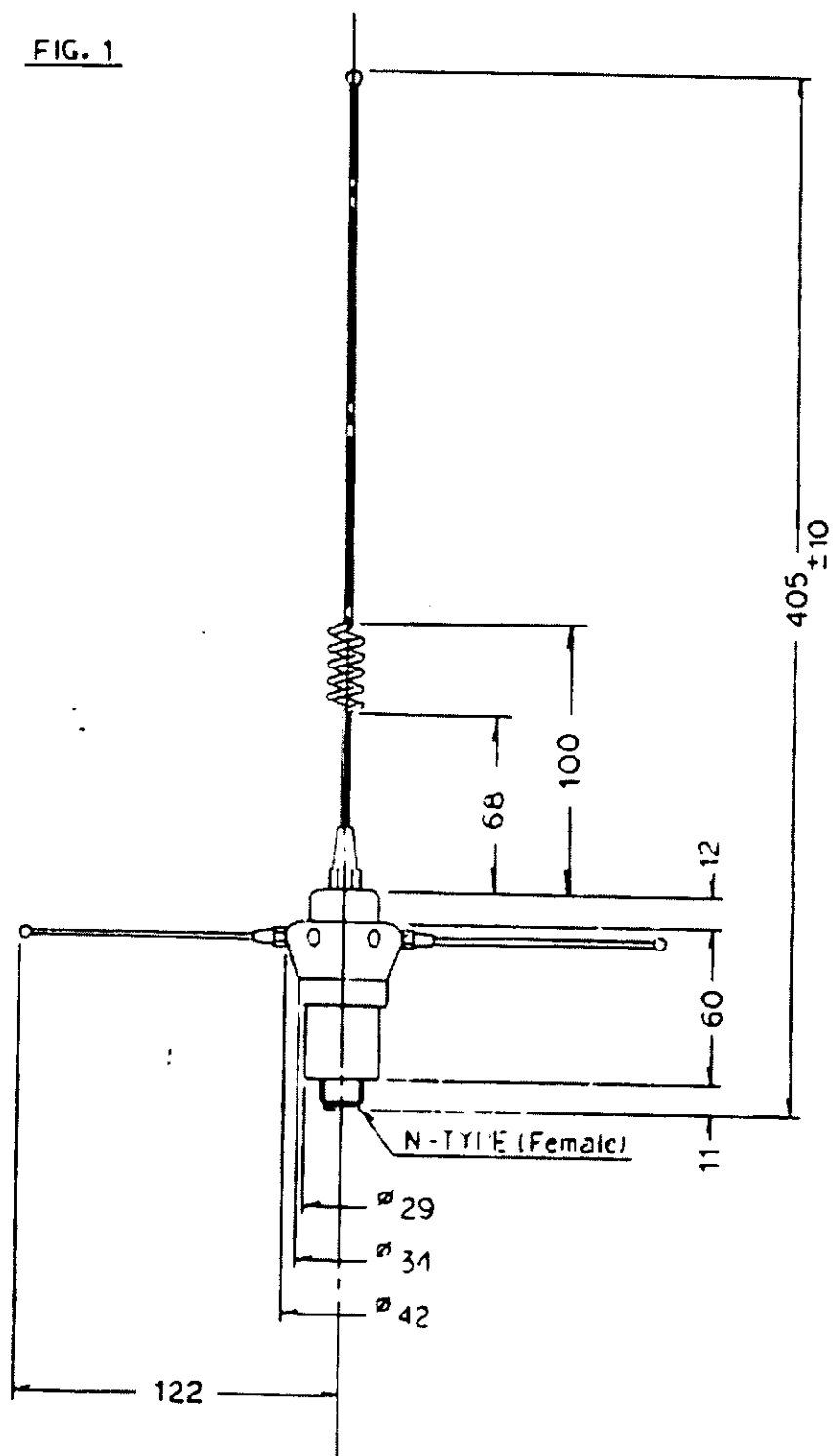
GM-167RT-101



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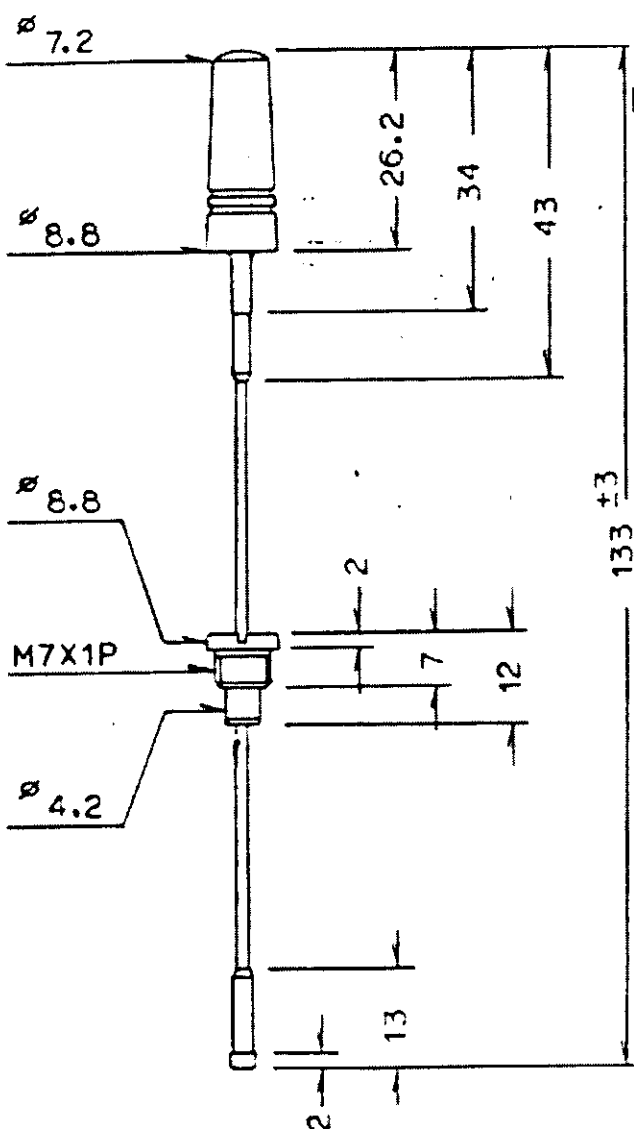
JOYMAX ELECTRONIC CORP

FIG. 1



REFLEXIBLE ANTENNA

Reflexible



Electrical Properties:

Frequency Range: 902~928MHz

Impedance : 50 Ohms

VSWR : Less than 2.5:1

Gain : 0 dbi

Radiation : Omni

Polarization : Vertical

Electrical Wave : 1/2 λ Dipole

Mechanical Properties:

Unit : mm

Tolerance : $\pm 0.25\text{mm}$

Material :

Connector: Screw type

Body: POM(Black)

Contact: Brass (Nickel Plating)

Whip: NiTi Wire

Antenn Cover: Heatshrink Tube(Black)

Operation temp : -20°C ~ $+65^{\circ}\text{C}$

Storage temp : -30°C ~ $+75^{\circ}\text{C}$

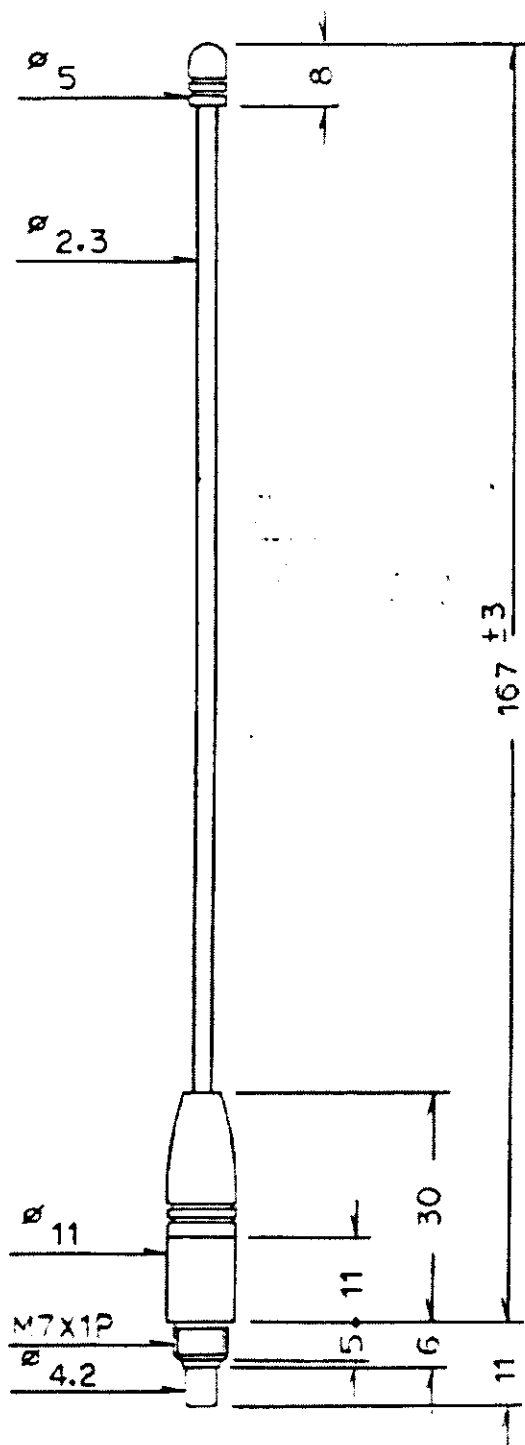
IH-220 -10/



士維科技事業有限公司

JOYMAX ELECTRONIC CORP

REFLEXIBLE ANTENNA



Electrical Properties:

Frequency Range: 902~928MHz

Impedance : 50 Ohms

VSWR : Less than 2.0:1

Gain : 2 dbi

Radiation : Omni

Polarization : Vertical

Electrical Wave : 1/2 λ Dipole

Mechanical Properties:

Unit : mm

Tolerance : $\pm 0.25\text{mm}$

Material :

Bass: Brass (Black Chromium whip Plating)

Insulator: Teflon

Contact: Brass (Gold Plating)

Whip: NiTi Wire

Antenn Cover: Heatshrink Tube (Black)

Operation temp : -20°C ~ $+65^{\circ}\text{C}$

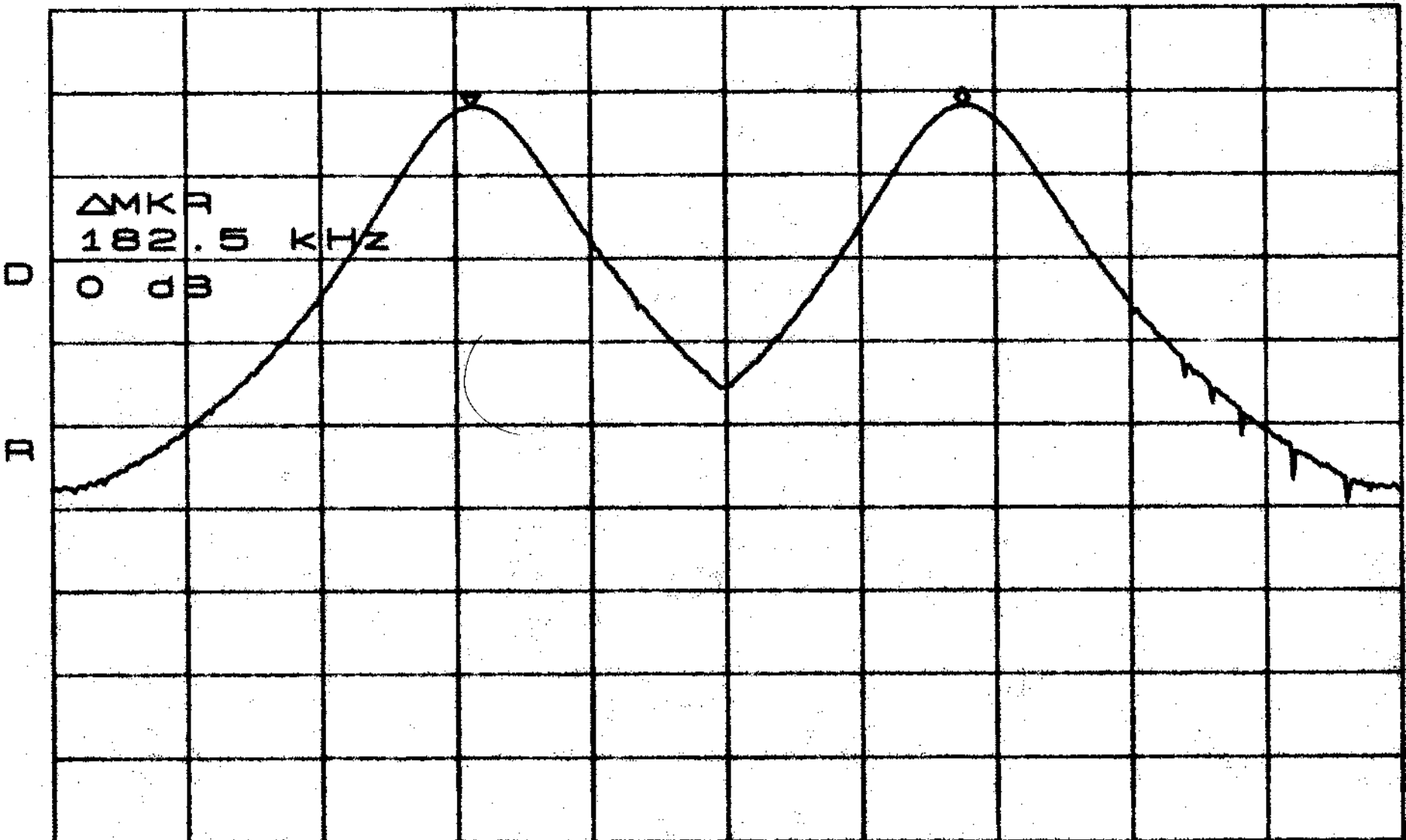
Storage temp : -30°C ~ $+75^{\circ}\text{C}$

GH-467-101

*ATTEN 30dB
BPO 41.0dBm

10dB/

ΔMKR 0dB
182.5kHz



CENTER 927.7015MHz

SPAN 500.0kHz

*RBW 30kHz

*VBW 1.0kHz

SWP 50.0ms

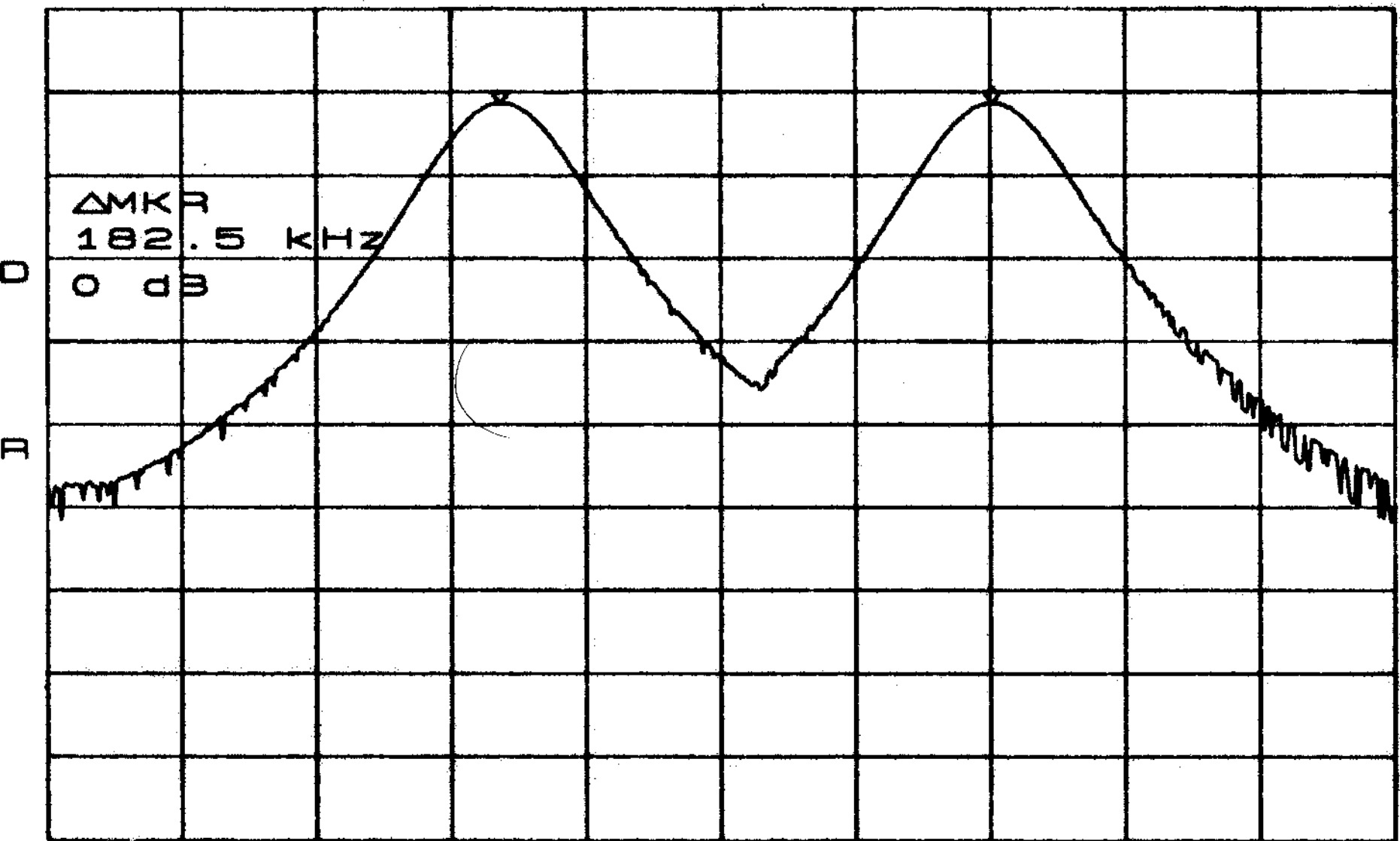
*ATTEN 30dB

BPO RKMΔ

RL 41.0dBm

10dB/

182.5kHz



CENTER 902.2035MHz

SPAN 500.0kHz

*RBW 30kHz

*VBW 1.0kHz

SWP 50.0ms

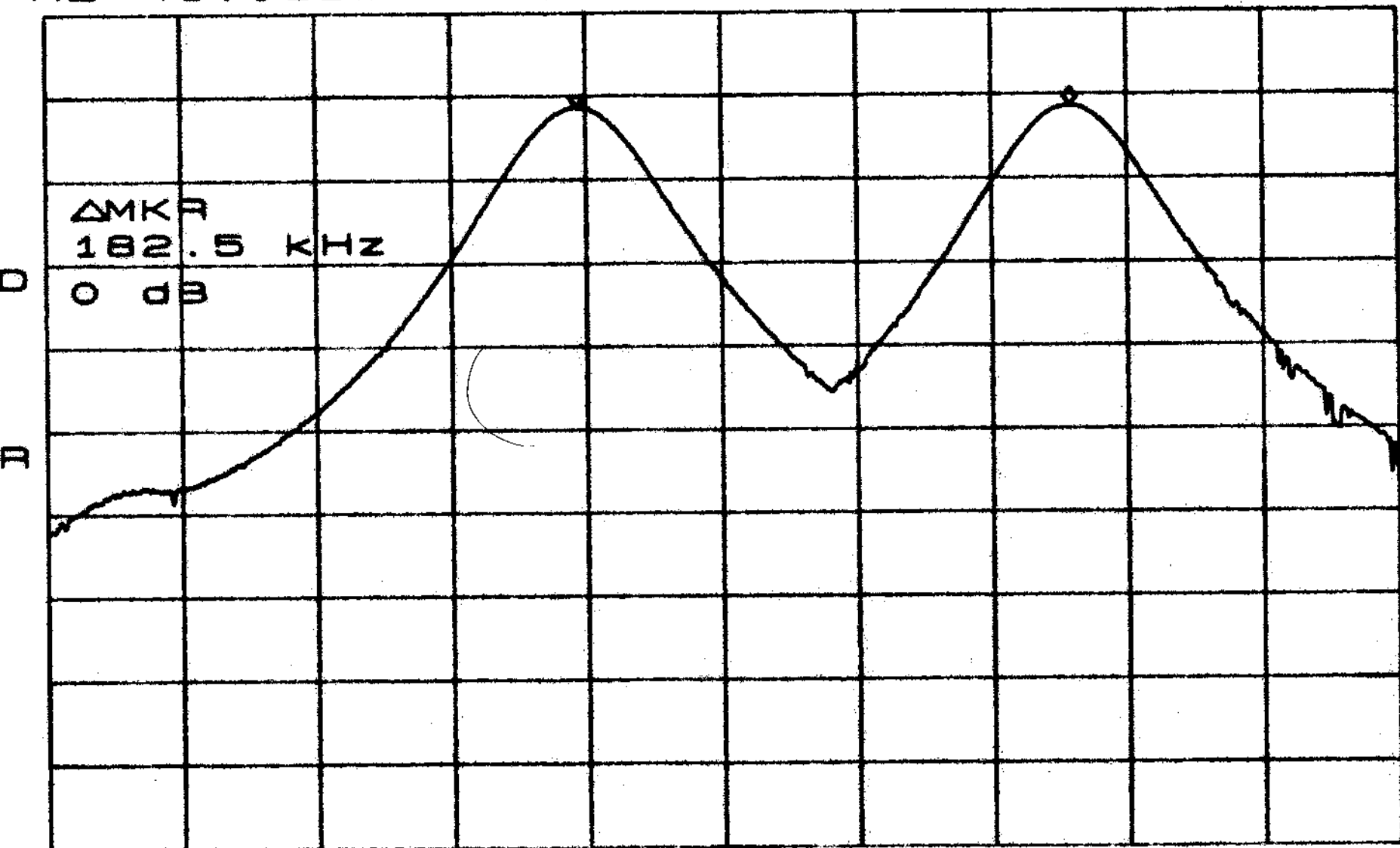
*ATTEN 30dB

BPO RKMΔ

RL 41.0dBm

10dB/

182.5KHz



CENTER 915.1005MHz

SPAN 500.0KHz

*RBW 30KHz

*VBW 1.0KHz

SWP 50.0ms

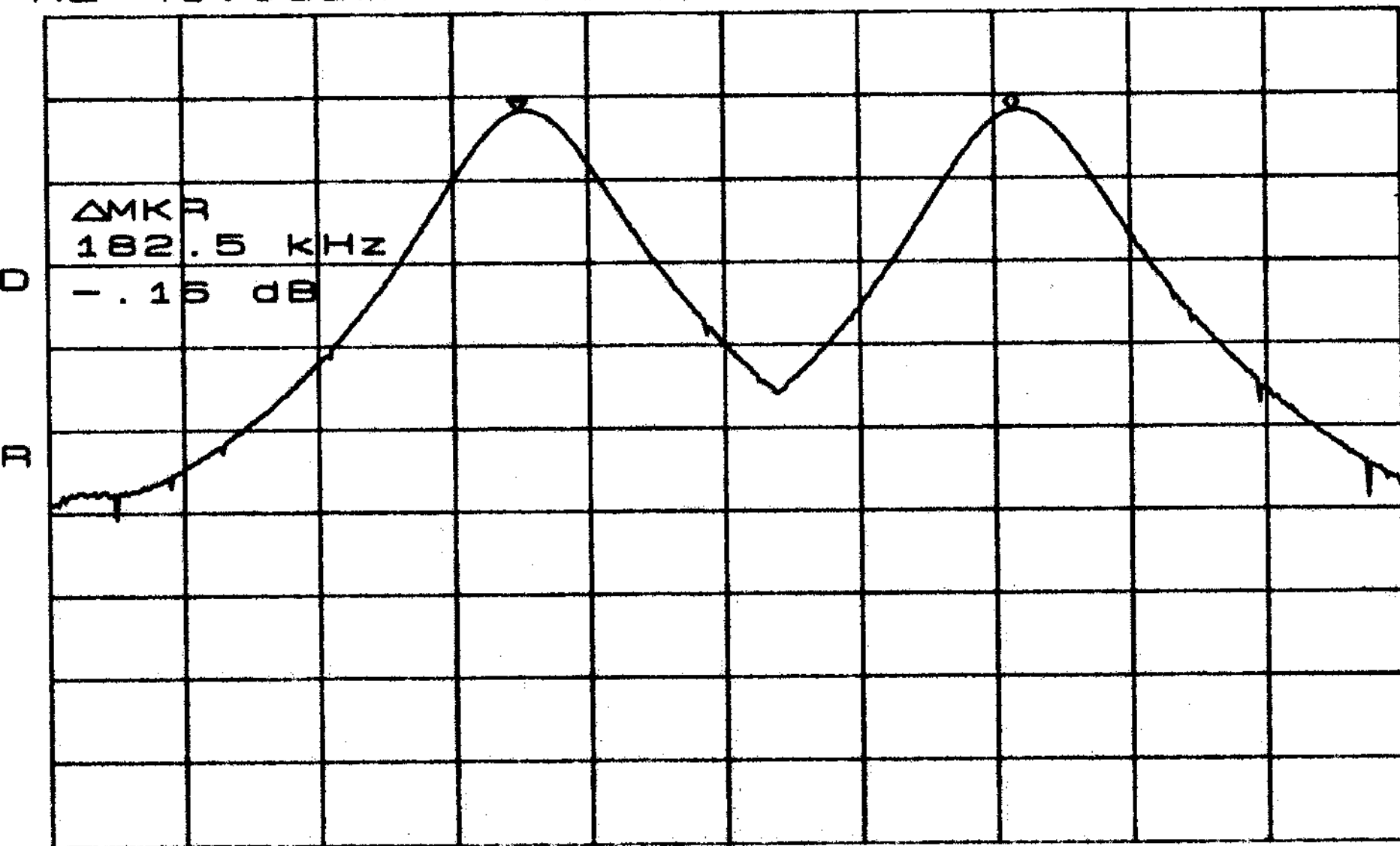
*ATTEN 30dB

RL 41.0dBm

10dB/

$\Delta MKR - .16dB$

182.5kHz



CENTER 927.6815MHz

SPAN 500.0kHz

*RBW 30kHz

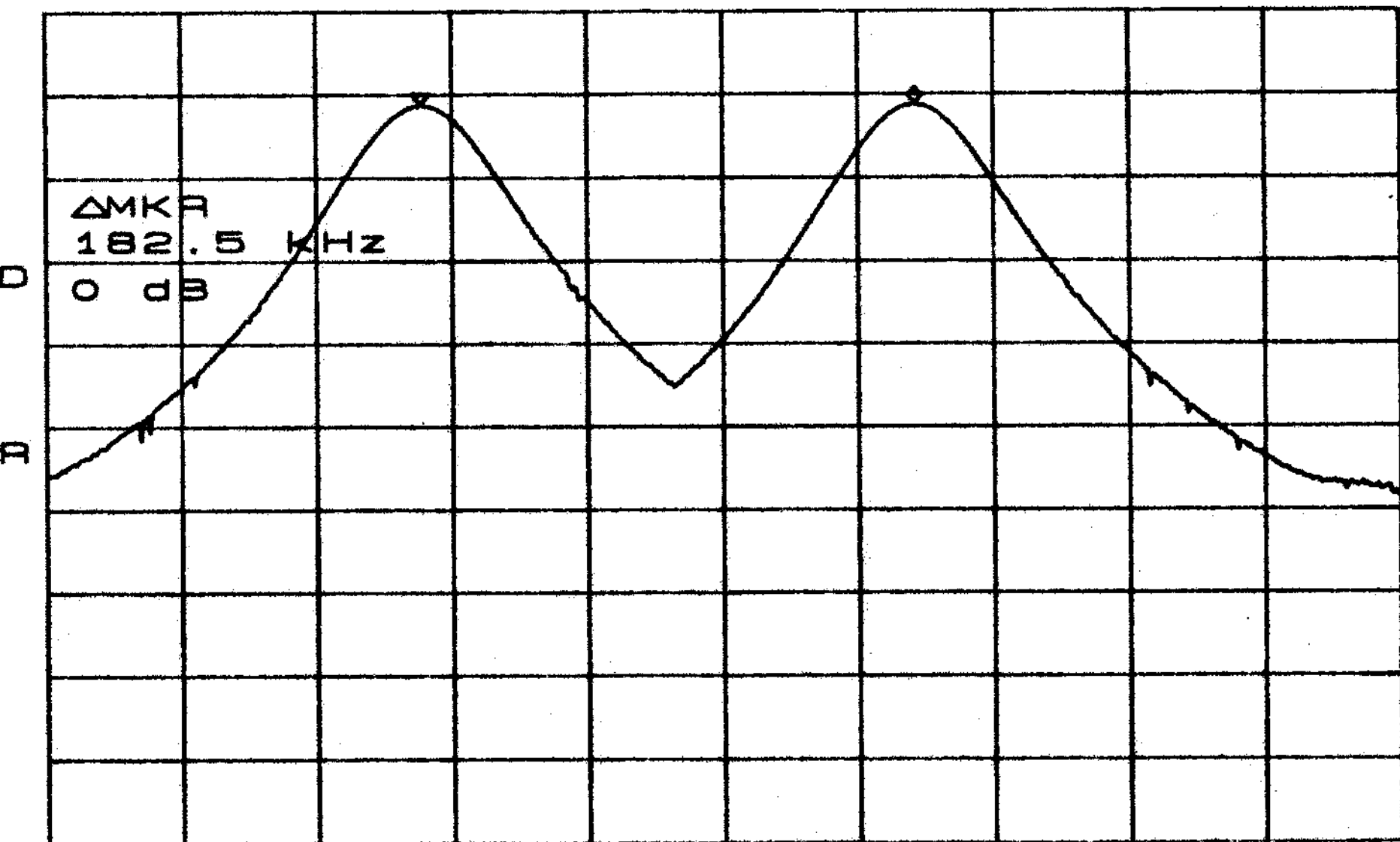
*VBW 1.0kHz

SWP 50.0ms

*ATTEN 30dB
BPO 0dB
RL 41.0dBm

10dB/

ΔMKR 0dB
182.5kHz



CENTER 902.2335MHz

SPAN 500.0kHz

*RBW 30kHz

*VBW 1.0kHz

SWP 50.0ms

*ATTEN 30dB

ΔMKR 0dB

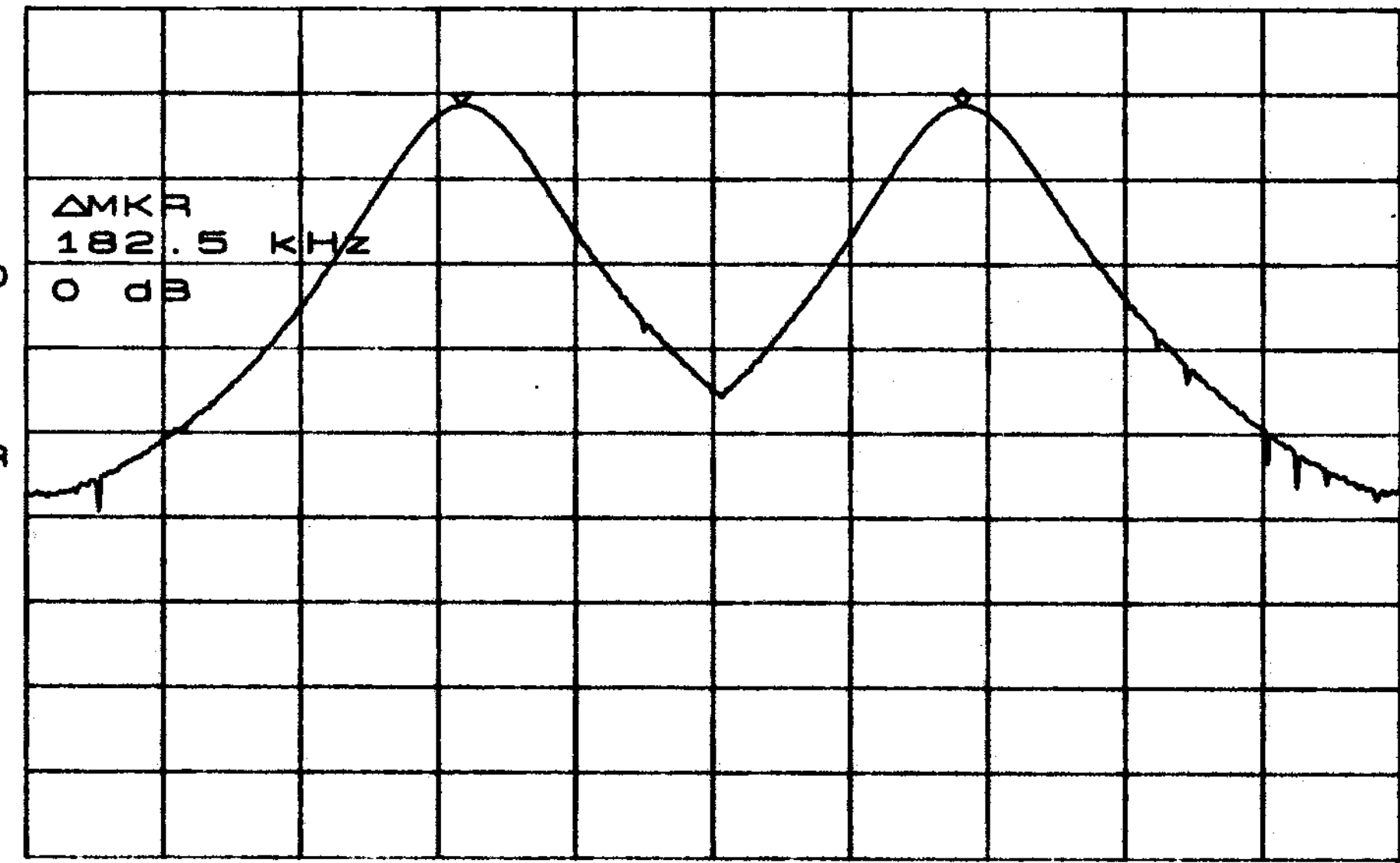
RL 41.0dBm

10dB/

182.5kHz

D
B

ΔMKR
182.5 kHz
0 dB



CENTER 915.1380MHz

SPAN 500.0kHz

*RBW 30kHz

*VBW 1.0kHz

SWP 50.0ms

*ATTEN 30dB

MKR 29.67dBm

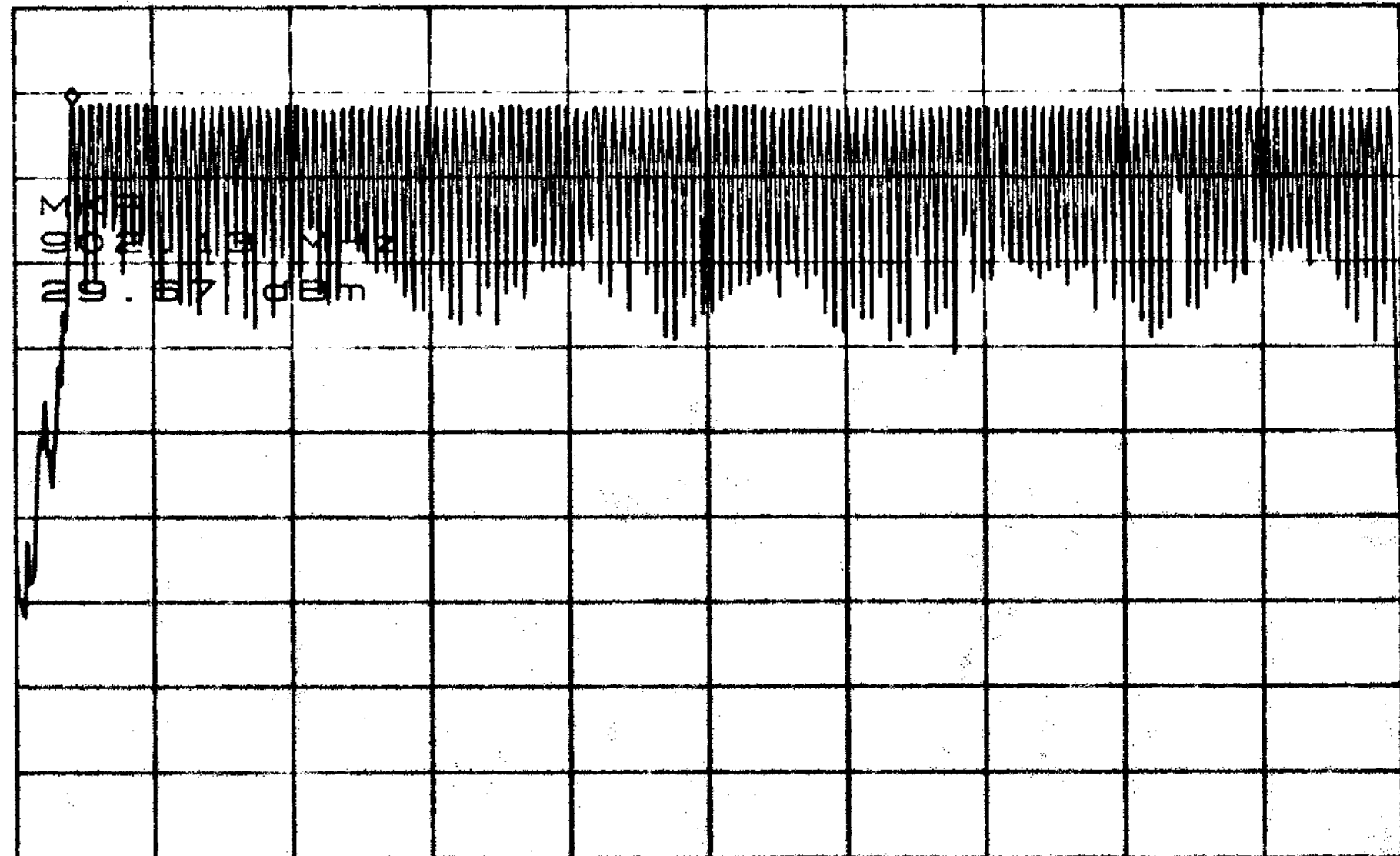
RL 41.0dBm

10dB/

902.13MHz

D

B



START 901.00MHz

STOP 928.00MHz

*RBW 30kHz

*VBW 30kHz

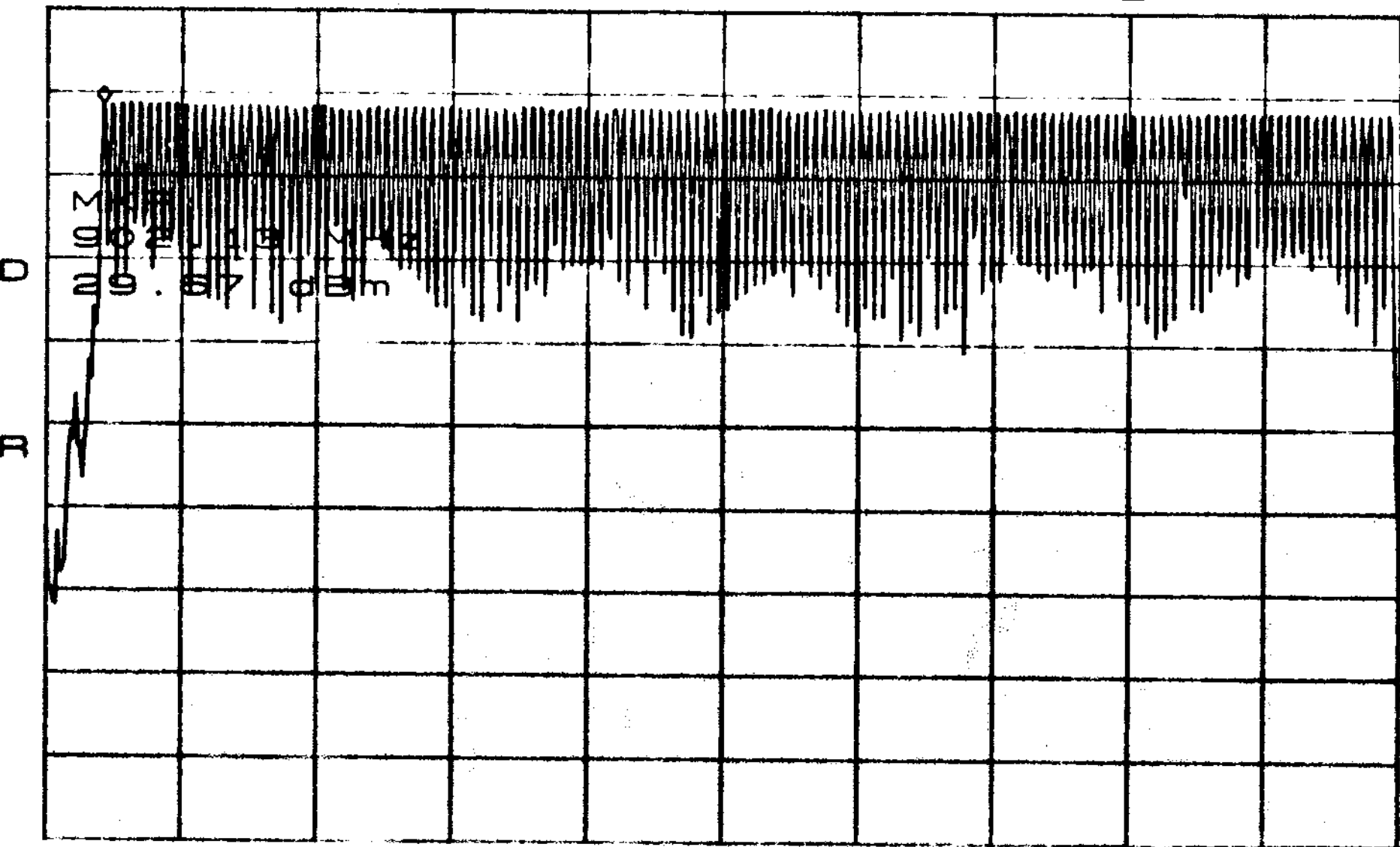
SWP 75.0ms

MKR 29.67dBm

AL 41.0dBm

10dB/

902.13MHz



START 901.00MHZ

STOP 928.00MHz

*RBW 30KHz

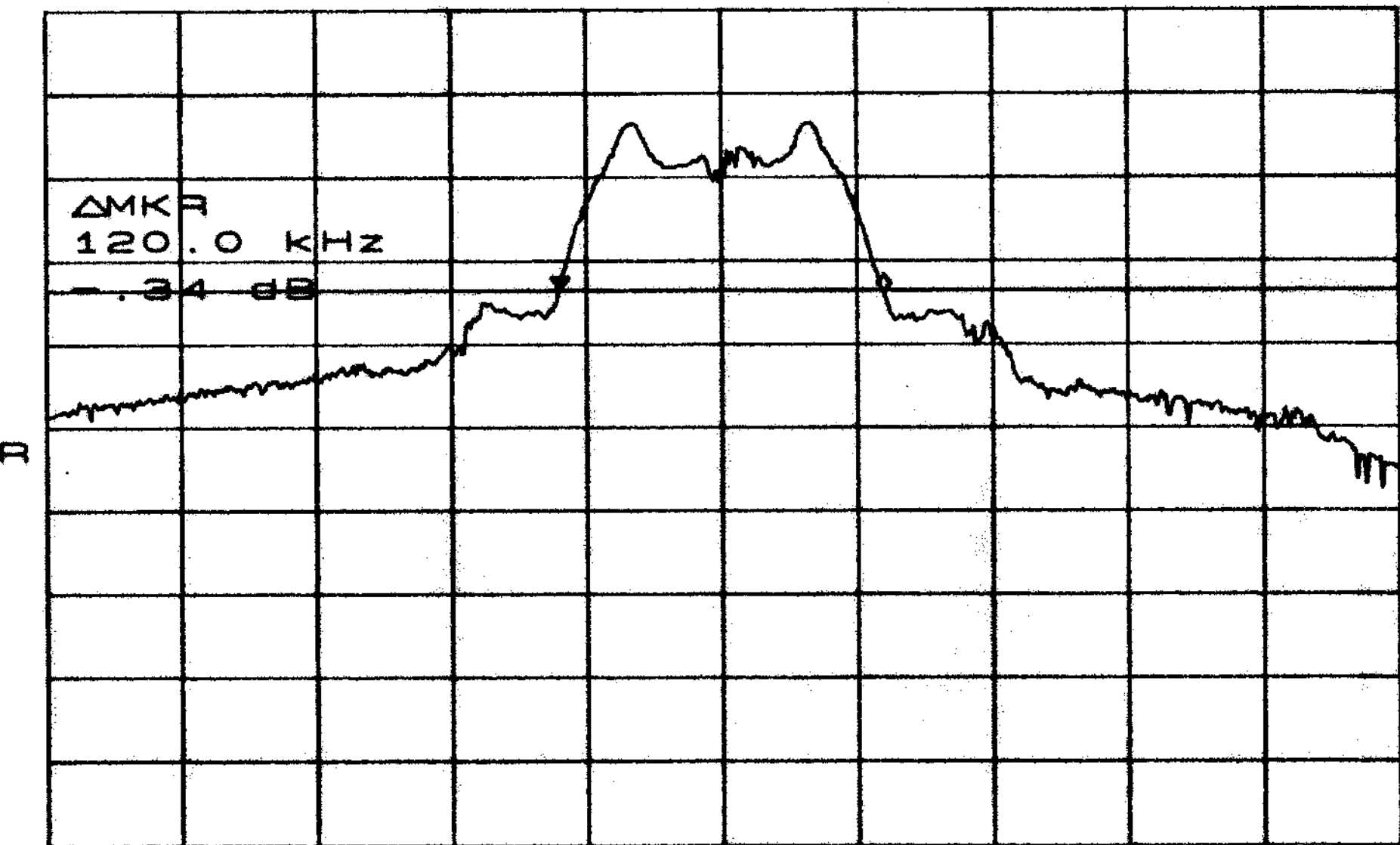
*VBW 30KHz

SWP 75.0ms

*ATTEN 30dB
BP00 41.0dBm

10dB/

BPF - BKMΔ
120.0kHz



CENTER 927.7890MHz
*RBW 10kHz *VBW 10kHz SPAN 500.0kHz
SWP 50.0ms

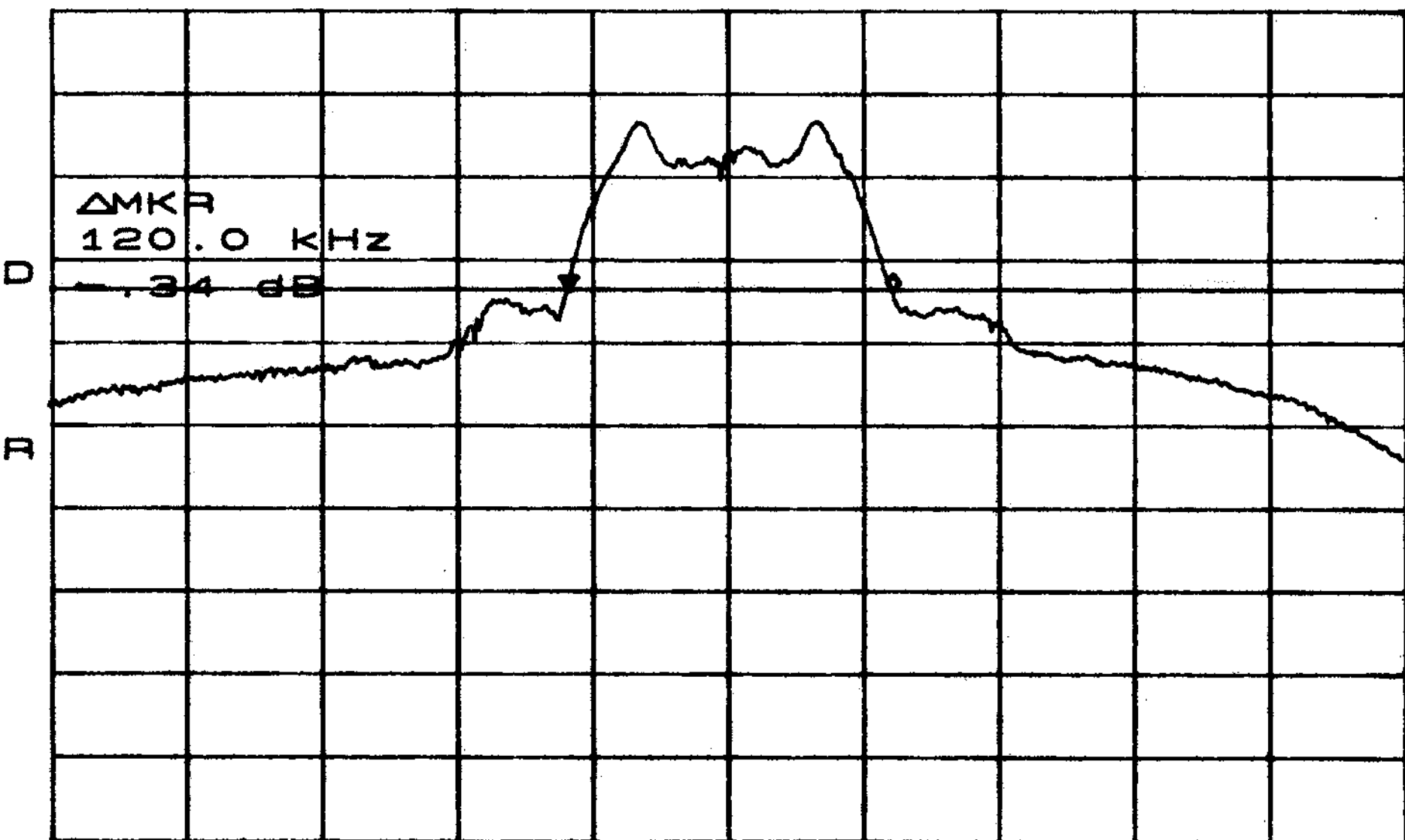
*ATTEN 30dB

$\Delta MKR - .34dB$

RL 41.0dBm

10dB/

120.0kHz



CENTER 902.1210MHz

SPAN 500.0kHz

*RBW 10kHz

*VBW 10kHz

SWP 50.0ms

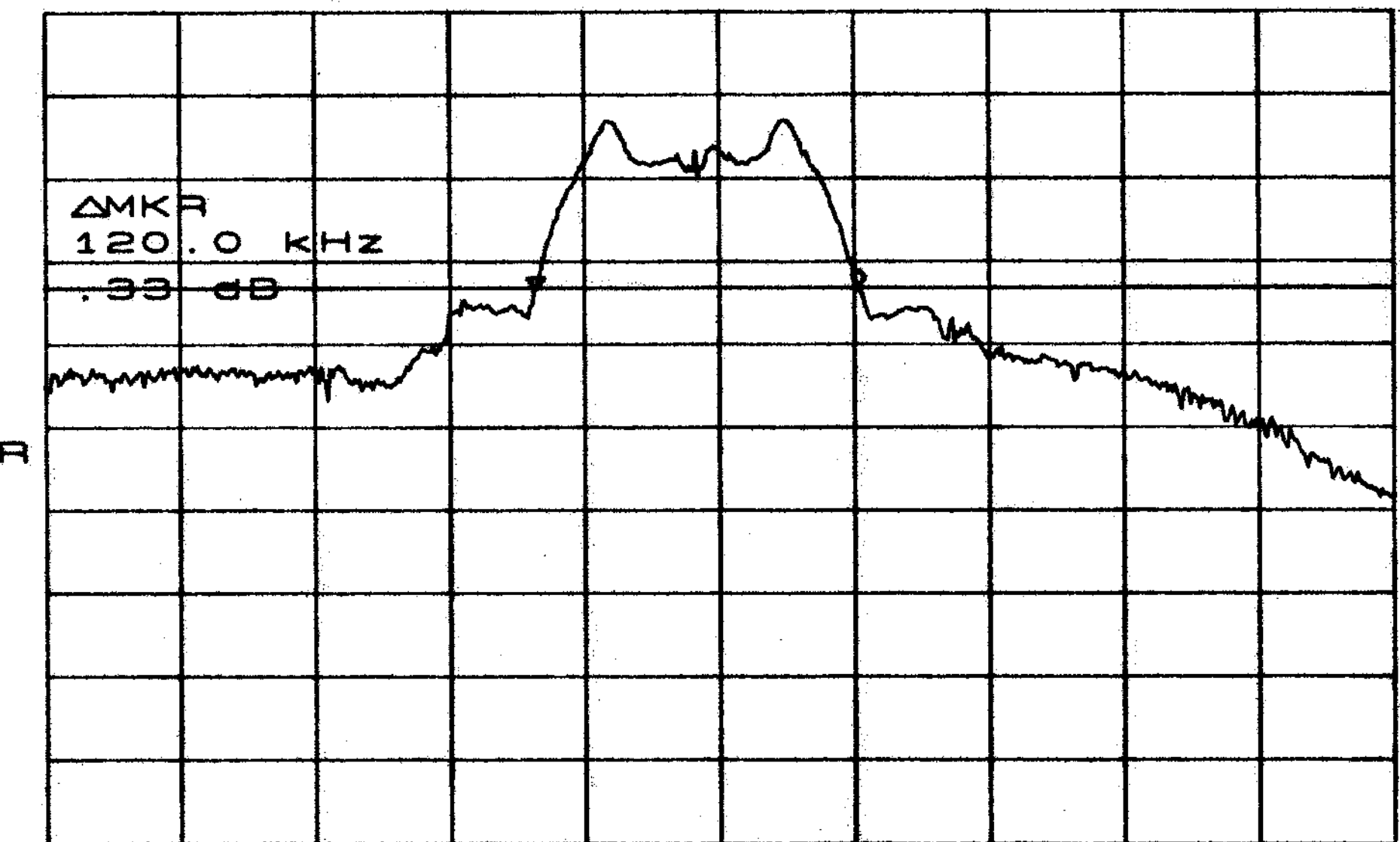
*ATTEN 30dB

BPF3 RKMΔ

RL 41.0dBm

10dB/

120.0KHz



ΔMKR

120.0 KHz

.33 dB

μ

CENTER 915.0540MHz

SPAN 500.0KHz

*RBW 10KHz

*VBW 10KHz

SWP 50.0ms

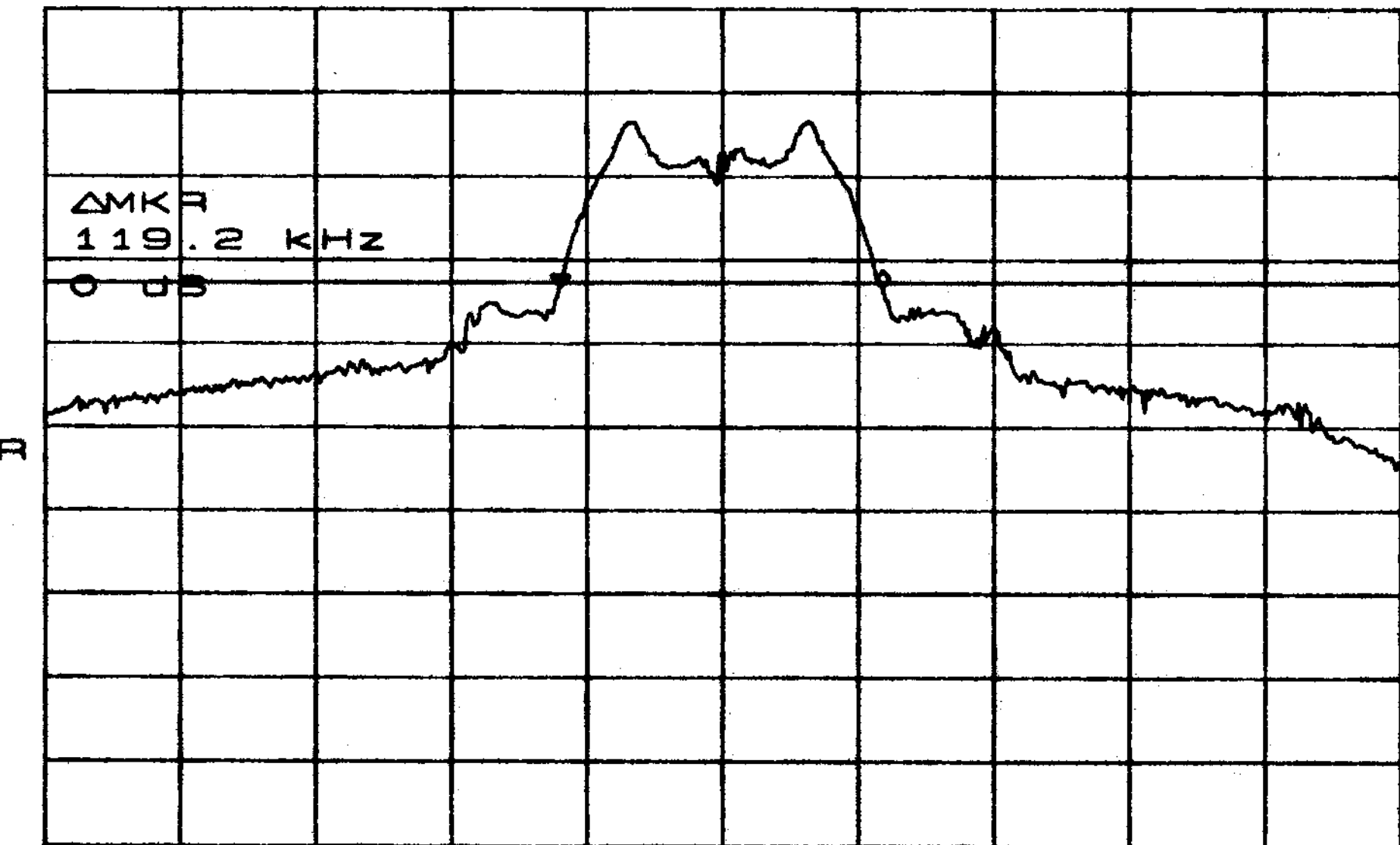
*ATTEN 30dB

BPO RMR 0dB

RL 41.0dBm

10dB/

119.2kHz



CENTER 927.7895MHz

SPAN 500.0kHz

*RBW 10kHz

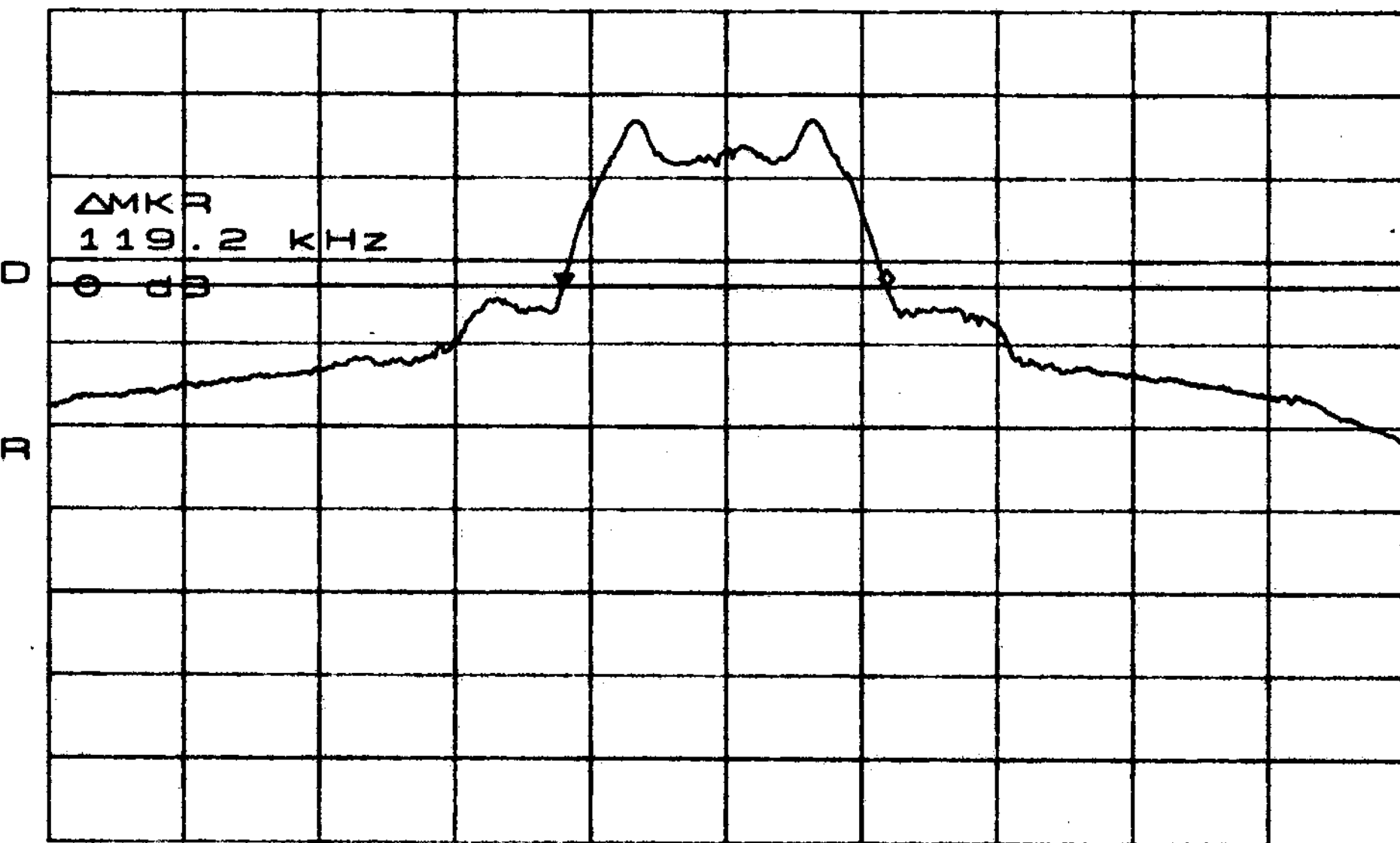
*VBW 10kHz

SWP 50.0ms

*ATTEN 30dB
BPO 41.0dBm

10dB/

Δ MKR 0dB
119.2kHz



CENTER 902.1210MHz

SPAN 500.0kHz

*RBW 10kHz

*VBW 10kHz

SWP 50.0ms

*ATTEN 30dB

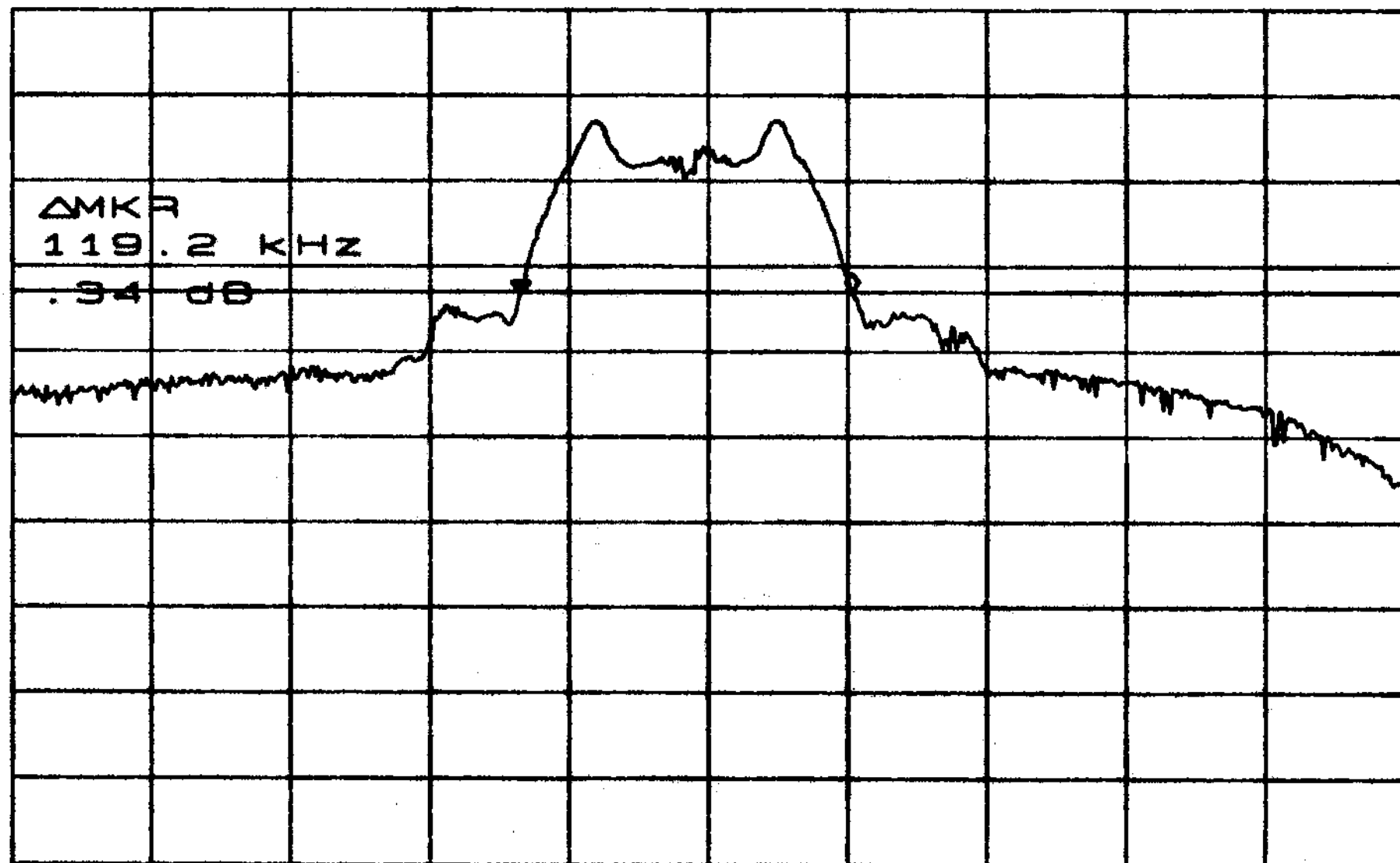
ΔMKR .34dB

RL 41.0dBm

10dB/

119.2kHz

dB



CENTER 915.0535MHz

SPAN 500.0kHz

*RBW 10kHz

*VBW 10kHz

SWP 50.0ms

ATTEN 30dB

ΔMKR -.83dB

RL 41.0dBm

10dB/

2.000ms

dB

ΔMKR
2.000 ms
-.83 dB

CENTER 927.789500MHz

SPAN 0Hz

*RBW 100kHz

VBW 100kHz

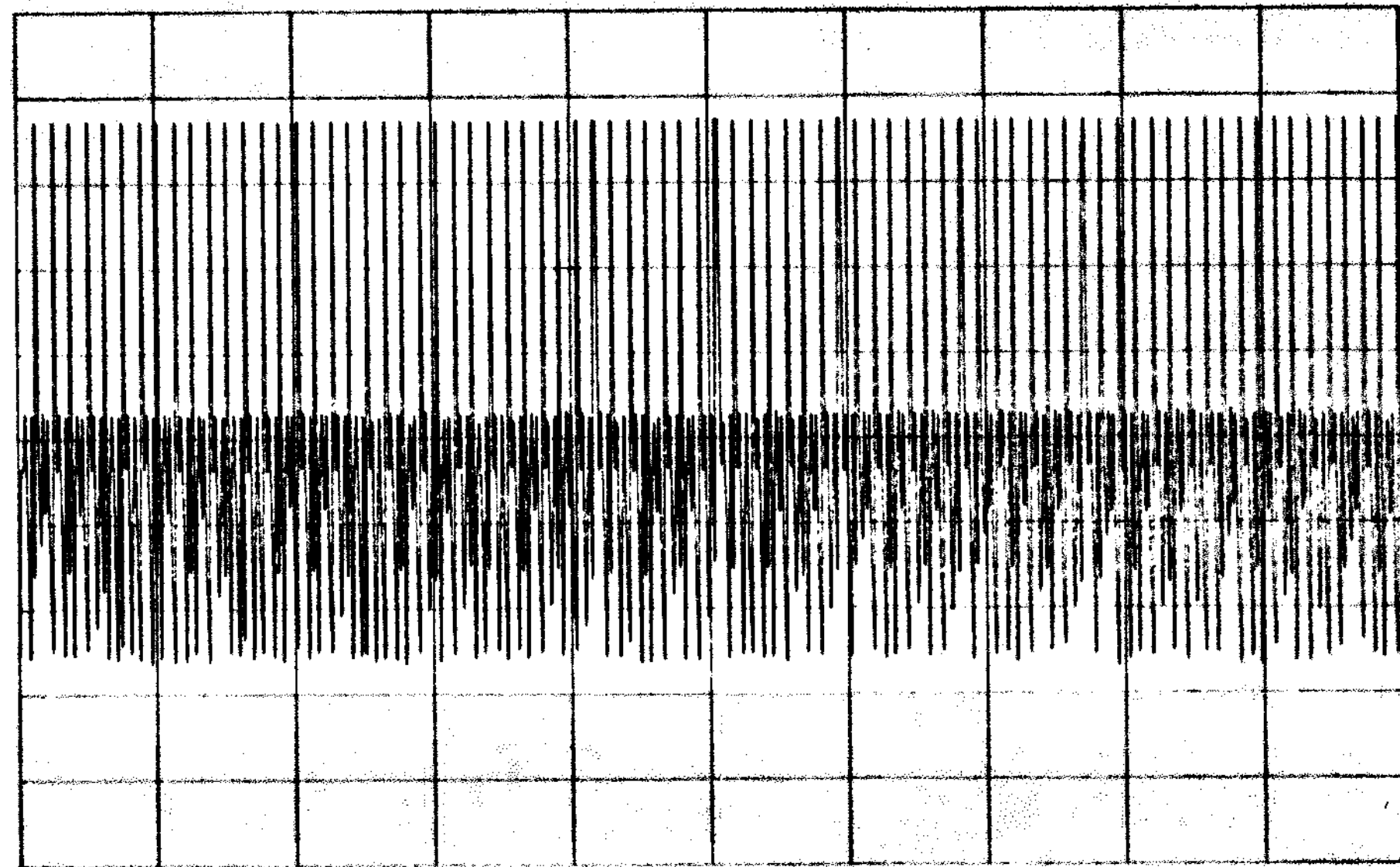
*SWP 30.0ms

ATTEN 30dB

RL 41.0dBm

10dB/

00
00



CENTER 927.789500MHz

SPAN 0Hz

RBW 100kHz

VBW 100kHz

*SWP 20.0sec

ATTEN 30dB

RL 41.0dBm

10dB/

$\Delta MKR - .83dB$

2.000ms

dB
μV

ΔMKR

2.000 ms

1.88 dB

CENTER 902.121000MHz

SPAN 0Hz

*RBW 100kHz

VBW 100kHz

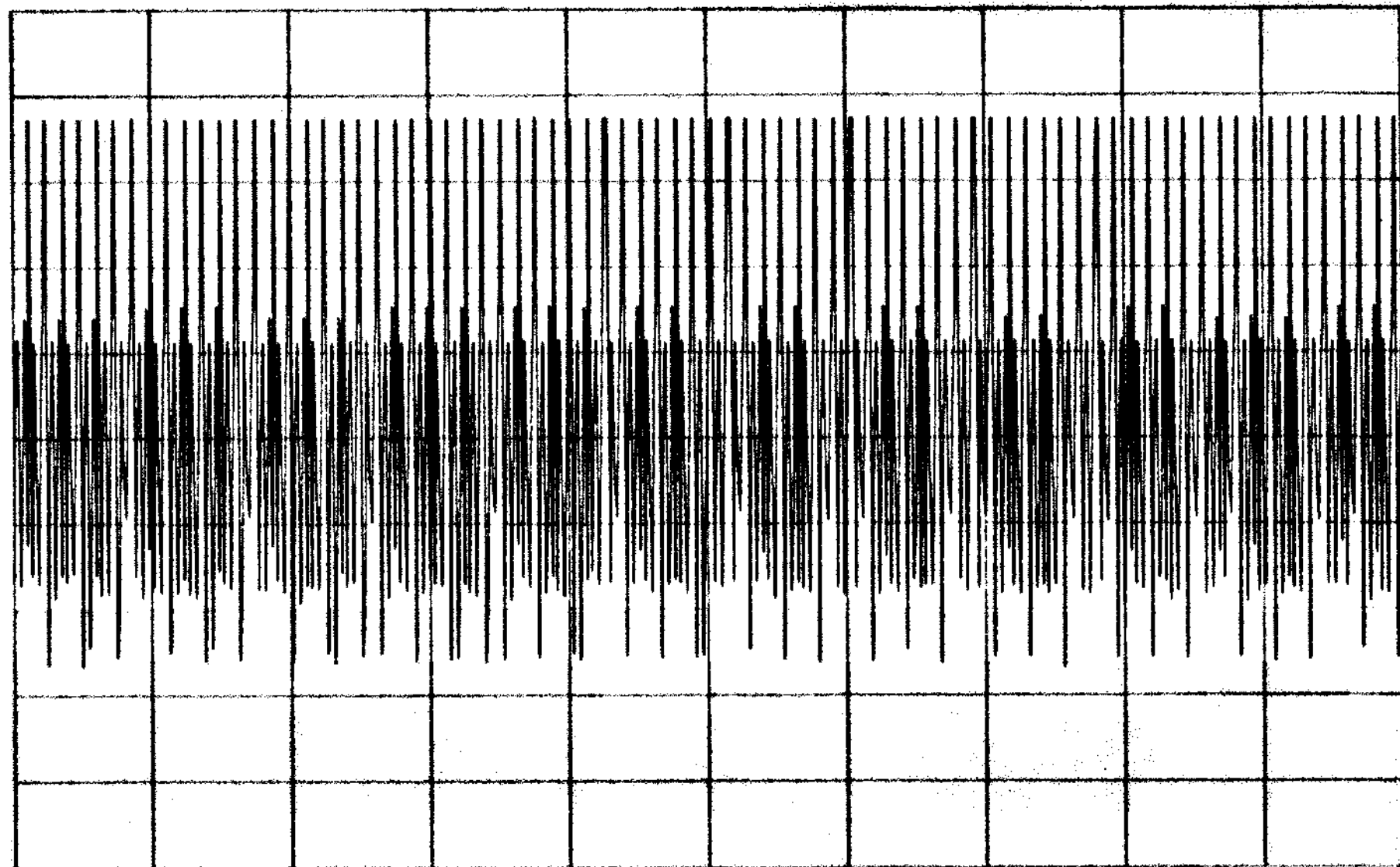
*SWP 30.0ms

ATTEN 30dB

RL 41.0dBm

10dB/

U
S
D



CENTER 902.121000MHz

SPAN 0Hz

RBW 100kHz

VBW 100kHz

*SWP 20.0sec

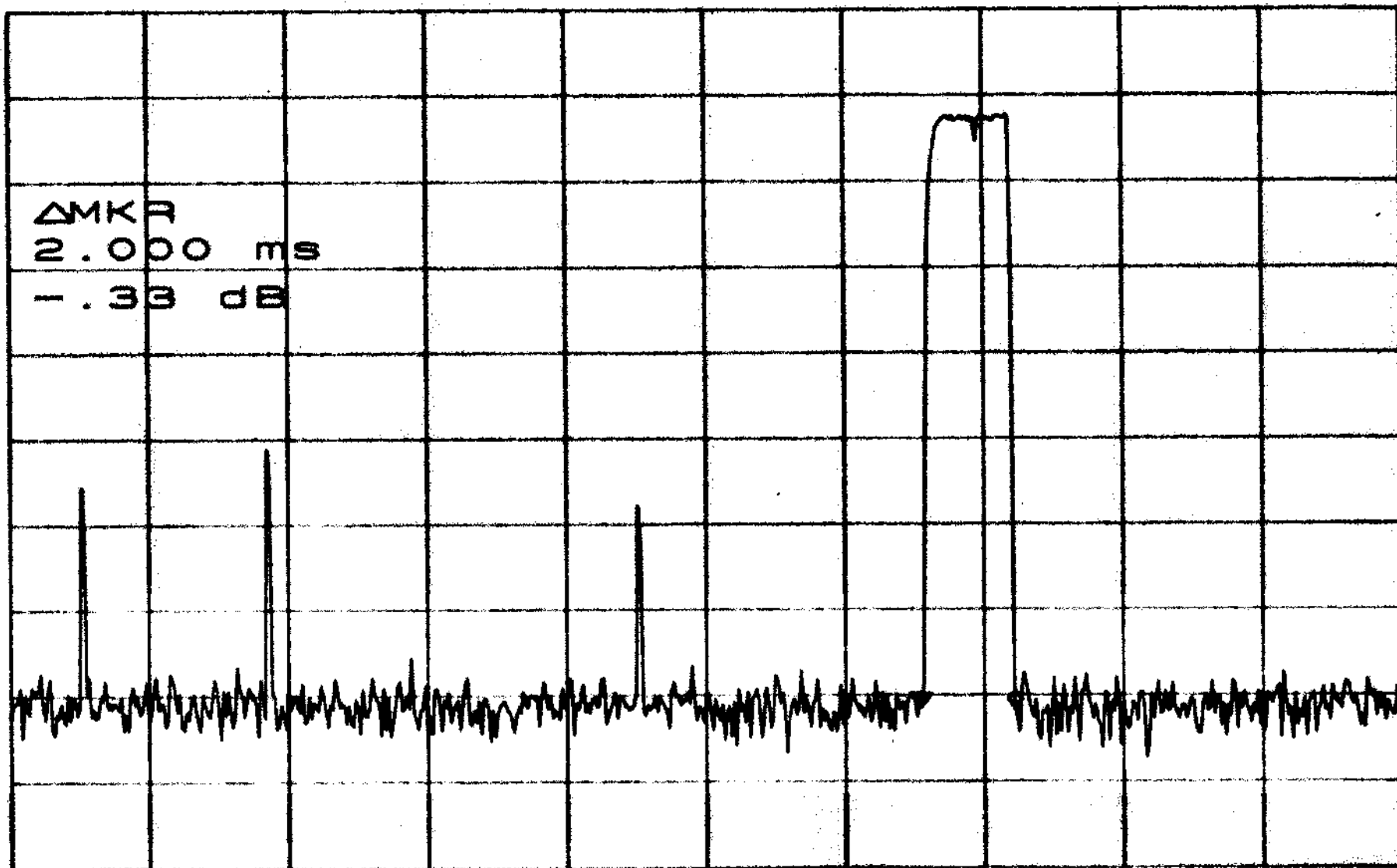
ATTEN 30dB
BPOB
RL 41.0dBm

10dB/

$\Delta MKR - .33dB$
2.000ms

ΔMKR
2.000ms
1.33dB

0
1
2
3
4
5
6
7
8
9
10



CENTER 915.053450MHz

SPAN 0Hz

*RBW 100KHz

VBW 100KHz

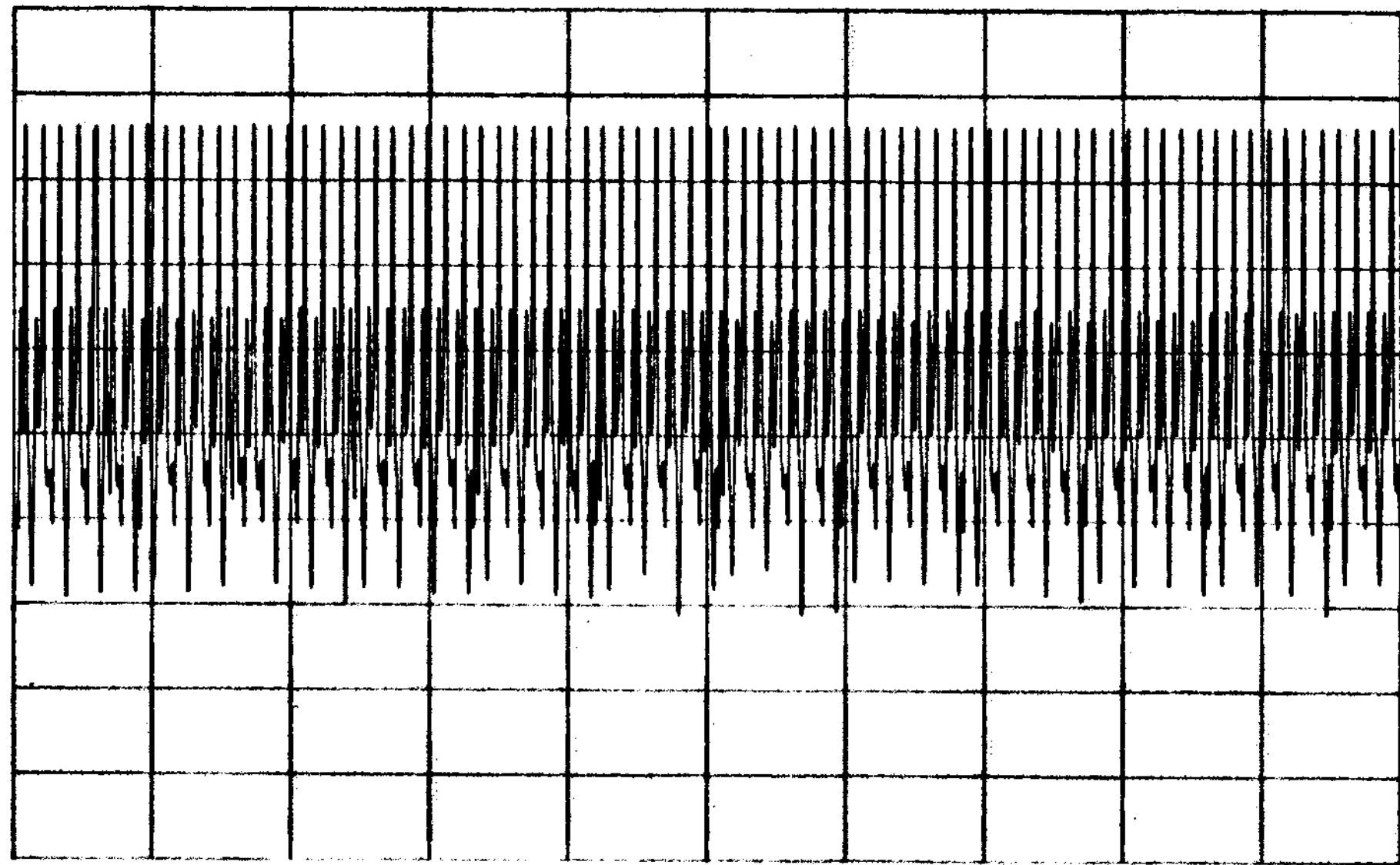
*SWP 30.0ms

ATTEN 30dB

RL 41.0dBm

10dB/

U
D
I



CENTER 915.053450MHz

SPAN 0Hz

RBW 100kHz

VBW 100kHz

*SWP 20.0sec

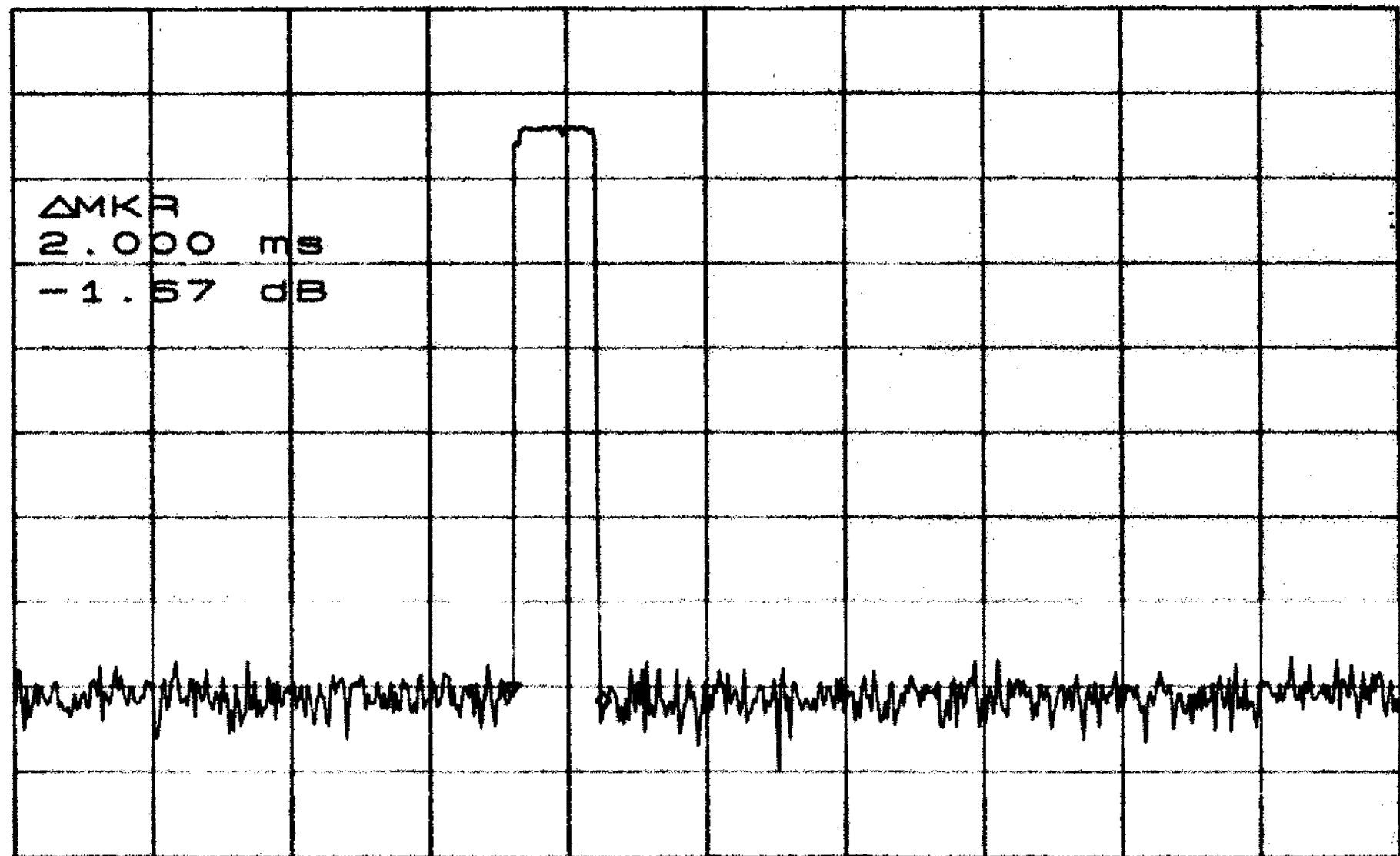
ATTEN 30dB
BPO 41.0dBm

10dB/

$\Delta MKR - 1.67dB$
2.000s

SD
II

ΔMKR
2.000 s
-1.67 dB



CENTER 927.789500MHz

SPAN 0Hz

RBW 100kHz

VBW 100kHz

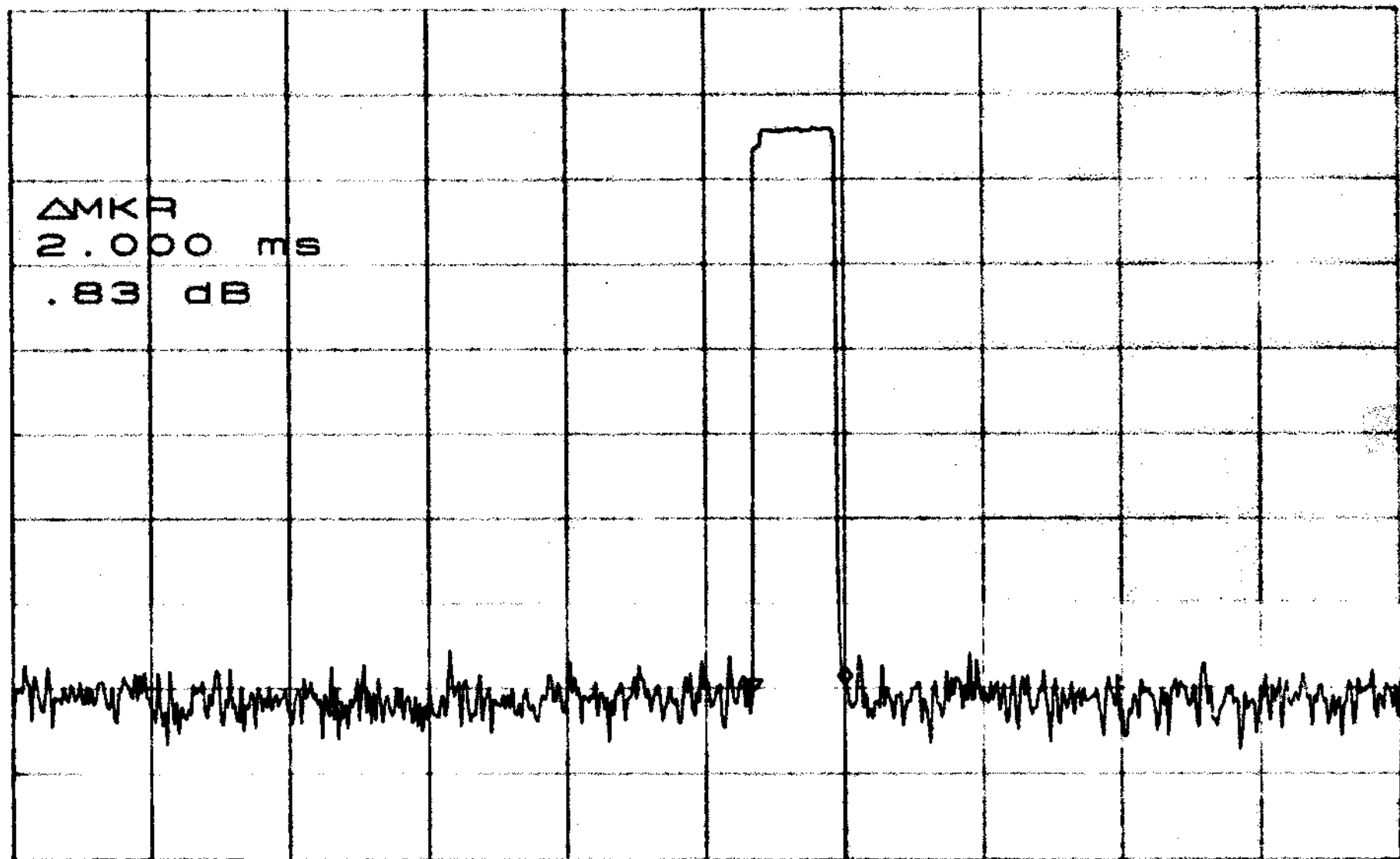
*SWP 30.0ms

ATTEN 30dB
RL 41.0dBm

10dB/

ΔMKR .83dB
2.000ms

dB
μ



CENTER 902.121000MHz

SPAN 0Hz

RBW 100kHz

VBW 100kHz

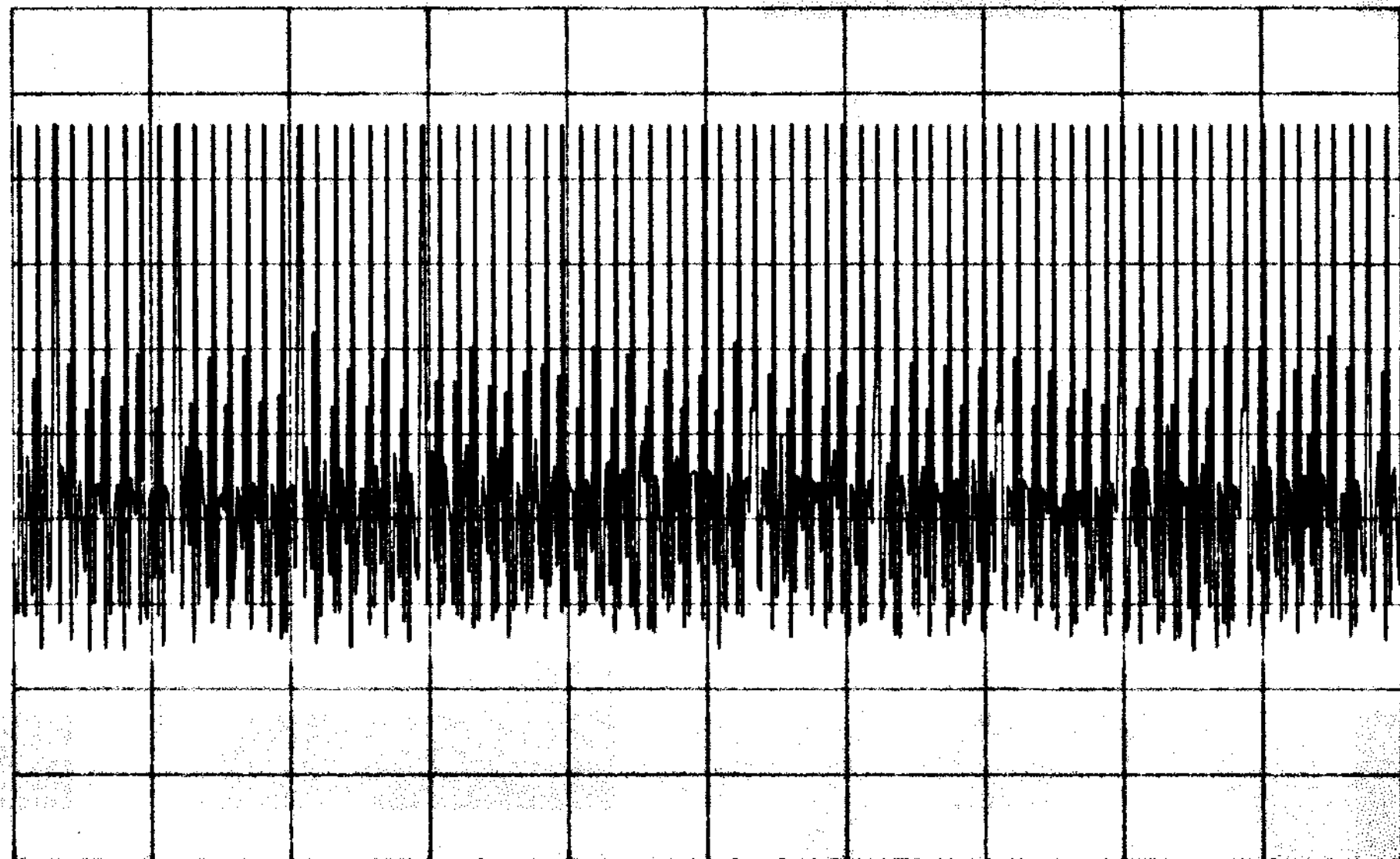
*SWP 30.0ms

ATTEN 30dB

RL 41.0dBm

10dB/

00
0



CENTER 902.121000MHz

SPAN 0Hz

*RBW 100kHz

VBW 100kHz

*SWP 20.0sec

ATTEN 30dB

RL 41.0dBm

10dB/

$\Delta MKR -1.50dB$

2.000ms

SD
P

ΔMKR

2.000 ms

-1.50 dB

CENTER 915.053450MHz

SPAN 0Hz

*RBW 100kHz

VBW 100kHz

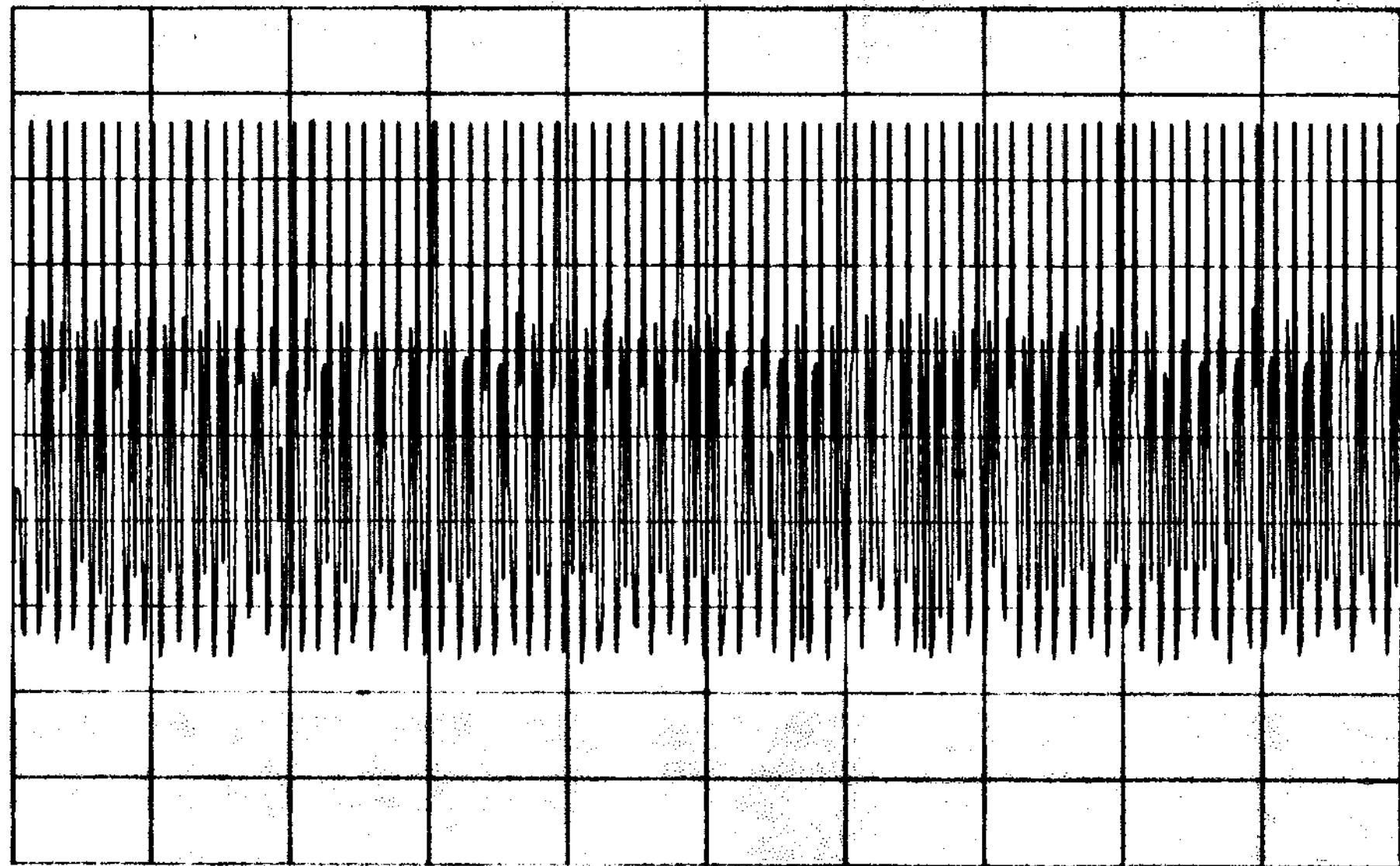
*SWP 30.0ms

ATTEN 30dB

RL 41.0dBm

10dB/

100



CENTER 915.053450MHz

SPAN 0Hz

*RBW 100kHz

VBW 100kHz

*SWP 20.0sec

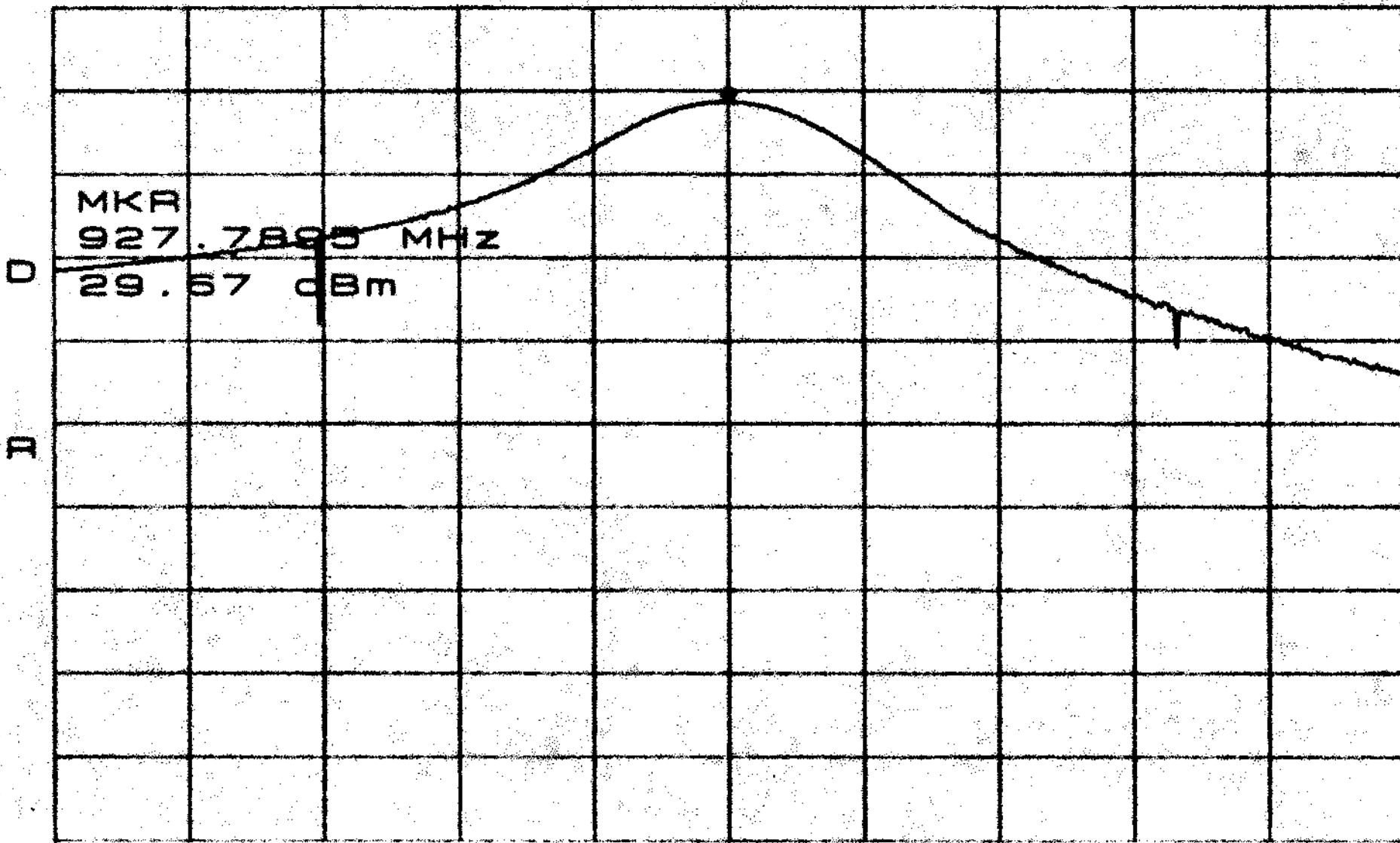
*ATTEN 30dB

RL 41.0dBm

10dB/

MKR 29.67dBm

927.7895MHz



CENTER 927.7895MHz

SPAN 500.0kHz

*RBW 100kHz

*VBW 100kHz

SWP 50.0ms

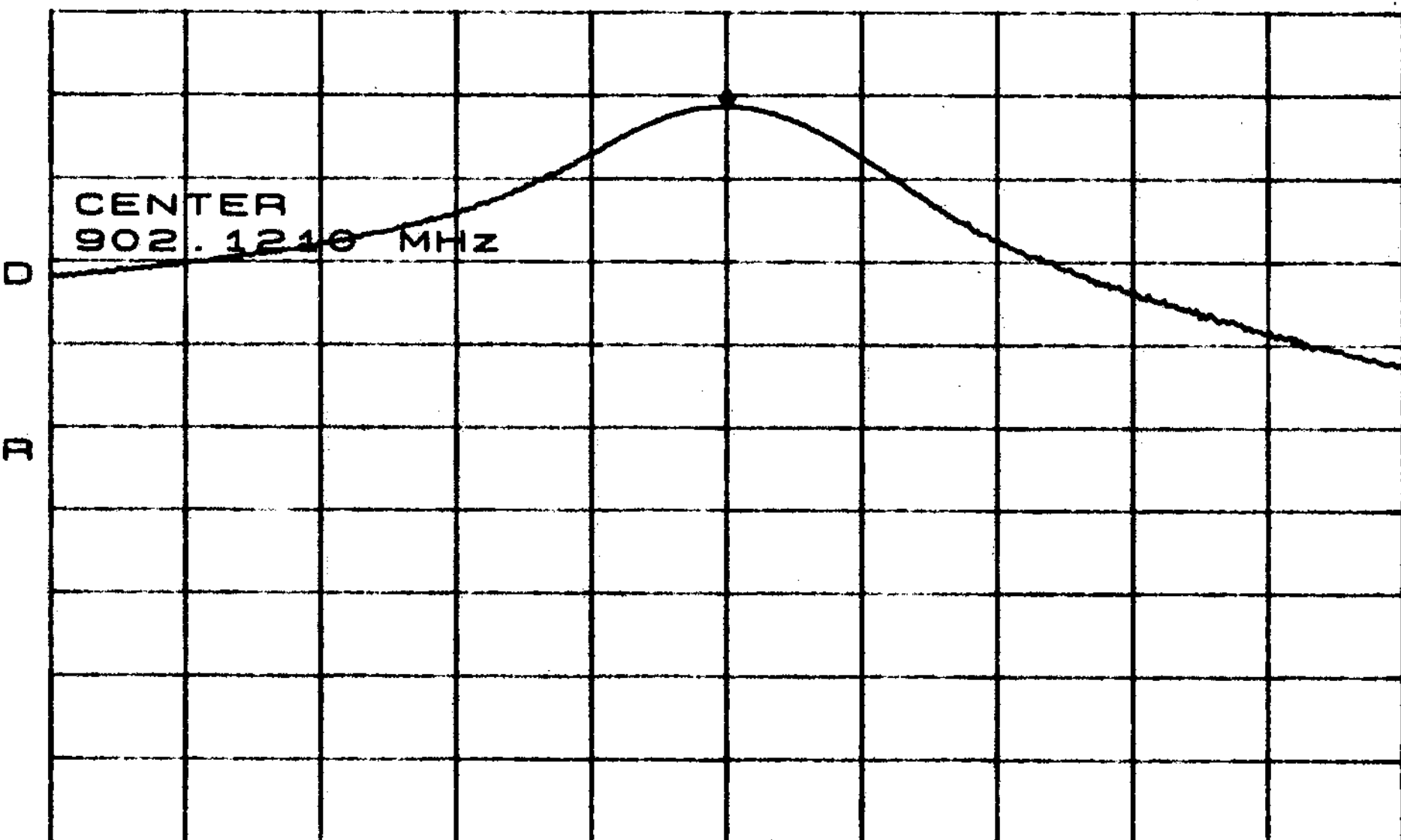
*ATTEN 30dB

MKR 29.67dBm

RL 41.0dBm

10dB/

902.1210MHz



CENTER 902.1210MHz

SPAN 500.0kHz

*RBW 100kHz

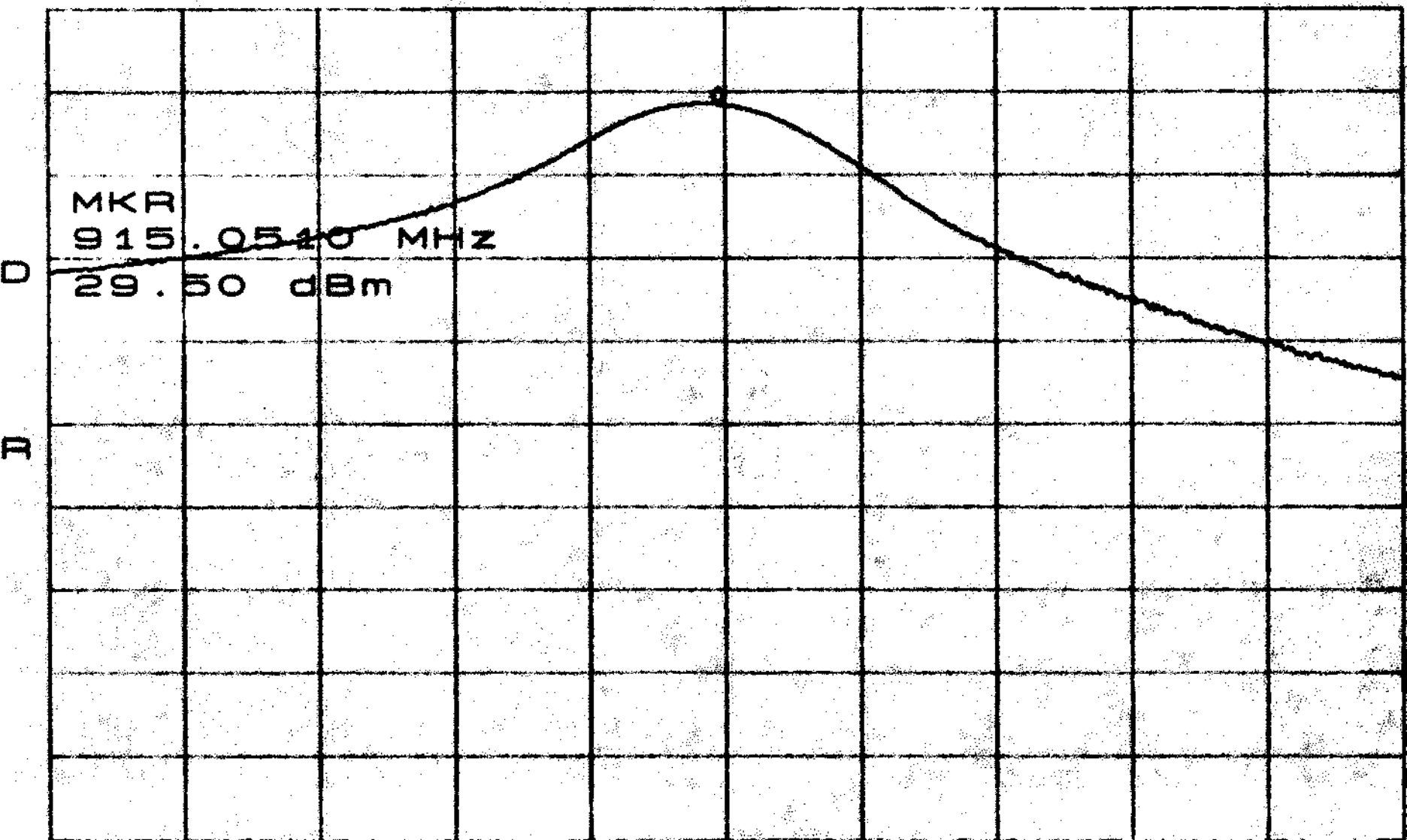
*VBW 100kHz

SWP 50.0ms

*ATTEN 30dB
BPOE
RL 41.0dBm

10dB/

MKR 29.50dBm
915.0510MHz



CENTER 915.0535MHz

SPAN 500.0kHz

*RBW 100kHz

*VBW 100kHz

SWP 50.0ms

*ATTEN 30dB
BPOE 62 MKM
RL 41.0dBm

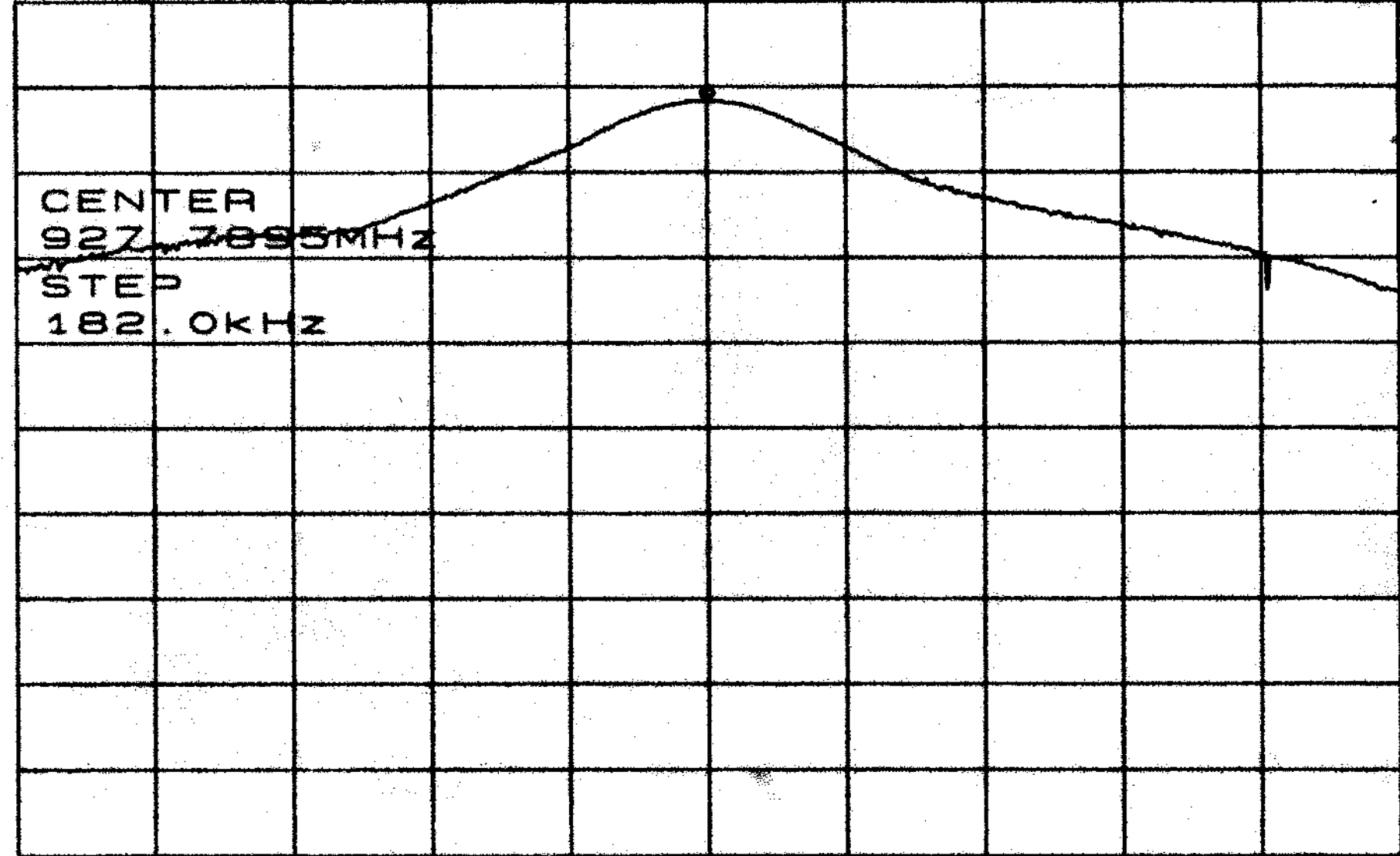
10dB/

927.7895MHz
29.33dBm

D

D

CENTER
927.7895MHz
STEP
182.0KHz



CENTER 927.7895MHz SPAN 500.0KHz
*RBW 100KHz *VBW 100KHz SWP 50.0ms

*ATTEN 30dB
BPOB
RL 41.0dBm

10dB/

MKR 29.83dBm
902.1210MHz

D

D

CENTER
902.1210 MHz
STEP
182.0 KHz

CENTER 902.1210MHz

SPAN 500.0KHz

*RBW 100KHz

*VBW 100KHz

SWP 50.0ms

*ATTEN 30dB

MKR 29.67dBm

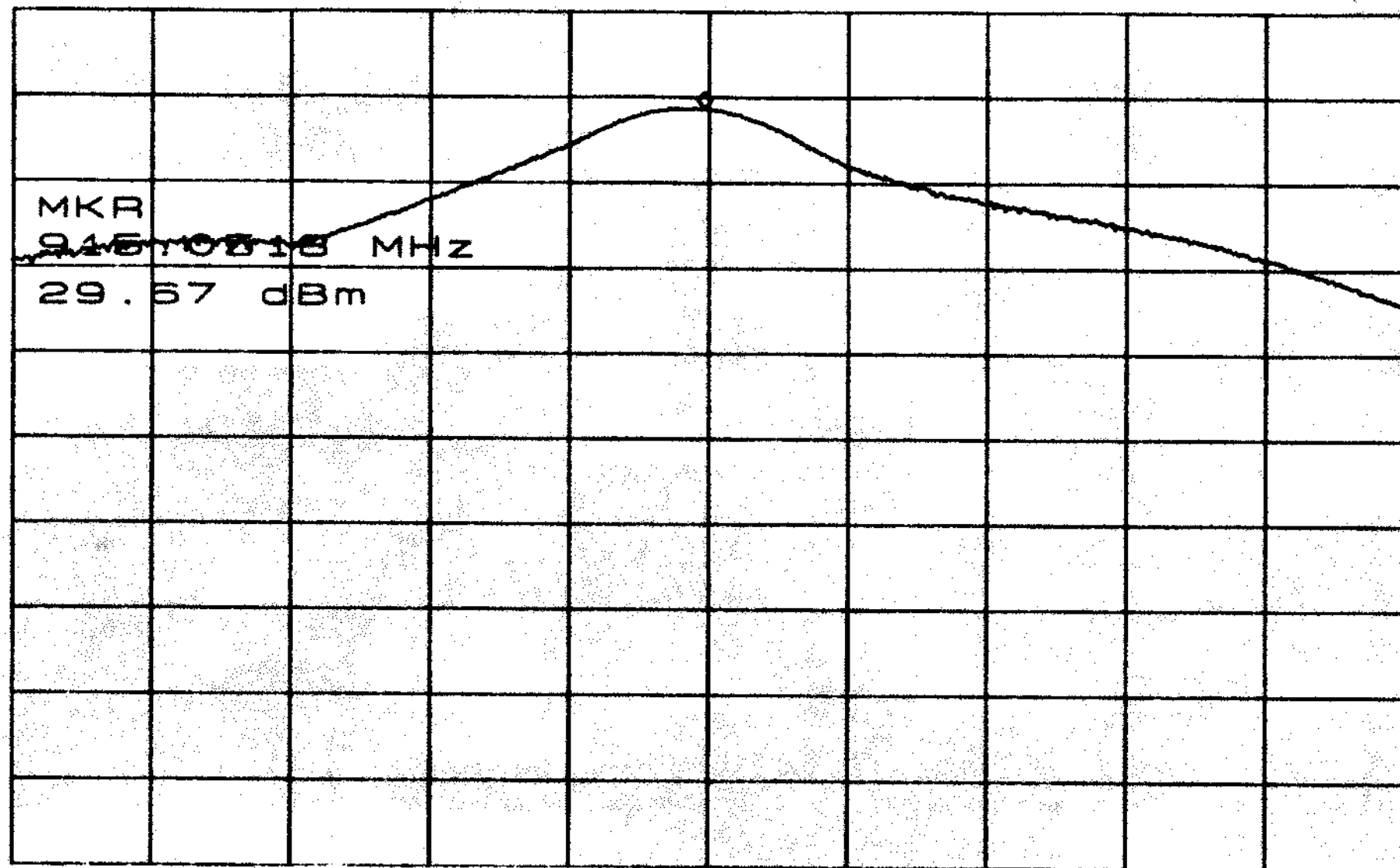
RL 41.0dBm

10dB/

915.0518MHz

D

F



CENTER 915.0535MHz

SPAN 500.0kHz

*RBW 100kHz

*VBW 100kHz

*SWP 50.0ms

*ATTEN 30dB

CNT -31.83dBm

RL 20.0dBm

10dB/

902.15 MHz

D

MKR
901.900 MHz
-31.83 dBm

901.9

START 899.000MHz

STOP 903.000MHz

*RBW 100KHz

*VBW 10KHz

SWP 50.0ms

*ATTEN 40dB

MKR -32.00dBm

RL 20.00dBm

10dB/

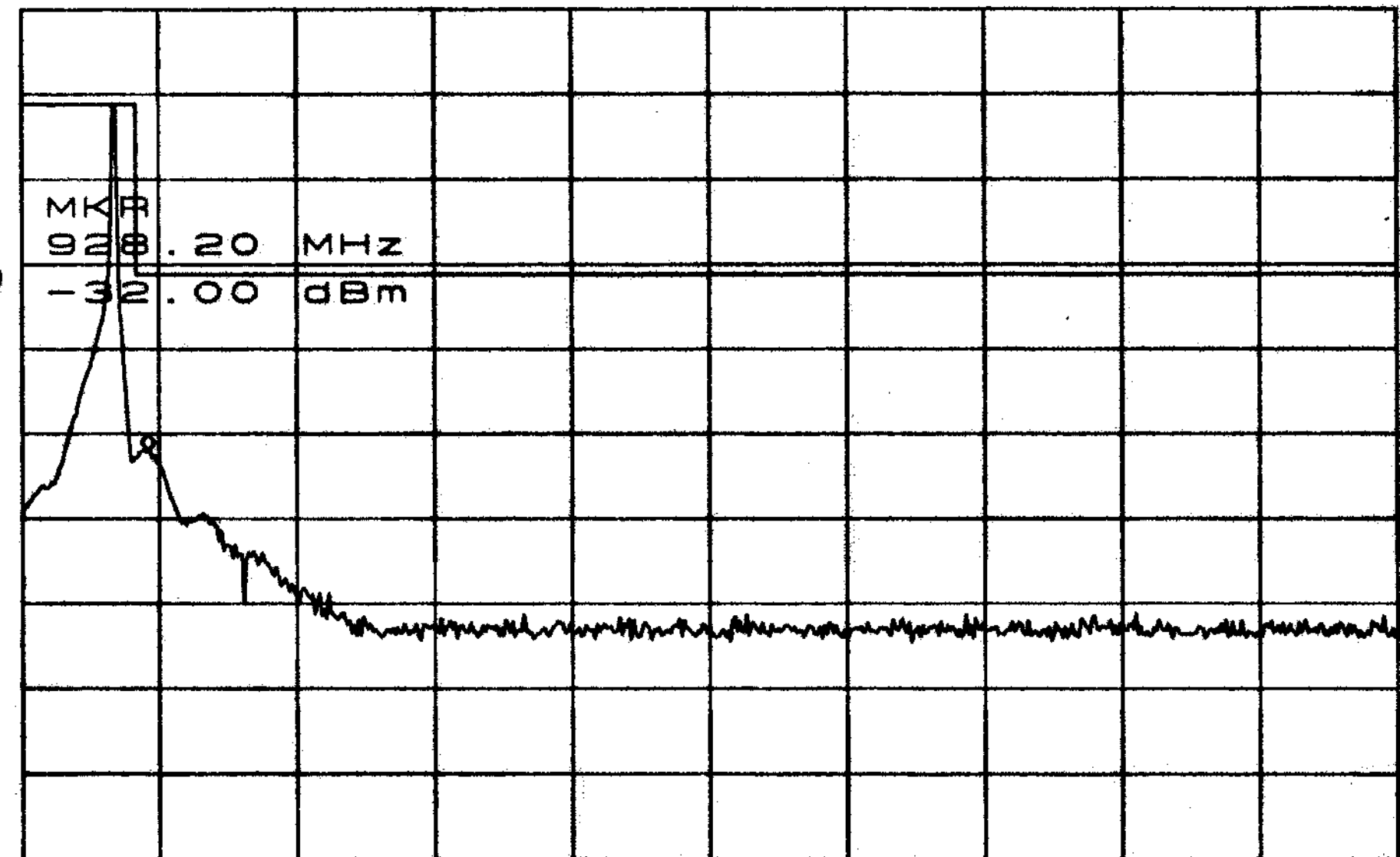
928.20MHz

D

MKR

928.20 MHz

-32.00 dBm



START 926.00MHz

STOP 950.00MHz

*RBW 30kHz

*VBW 100kHz

*SWP 100ms

*ATTEN 40dB

MKR -14.67dBm

RL 20.0dBm

10dB/

902.000MHz

D

MKR

902.000 MHz

-14.67 dBm

START 899.000MHz

STOP 903.000MHz

*RBW 30kHz

*VBW 100kHz

*SWP 100ms

*ATTEN 30dB

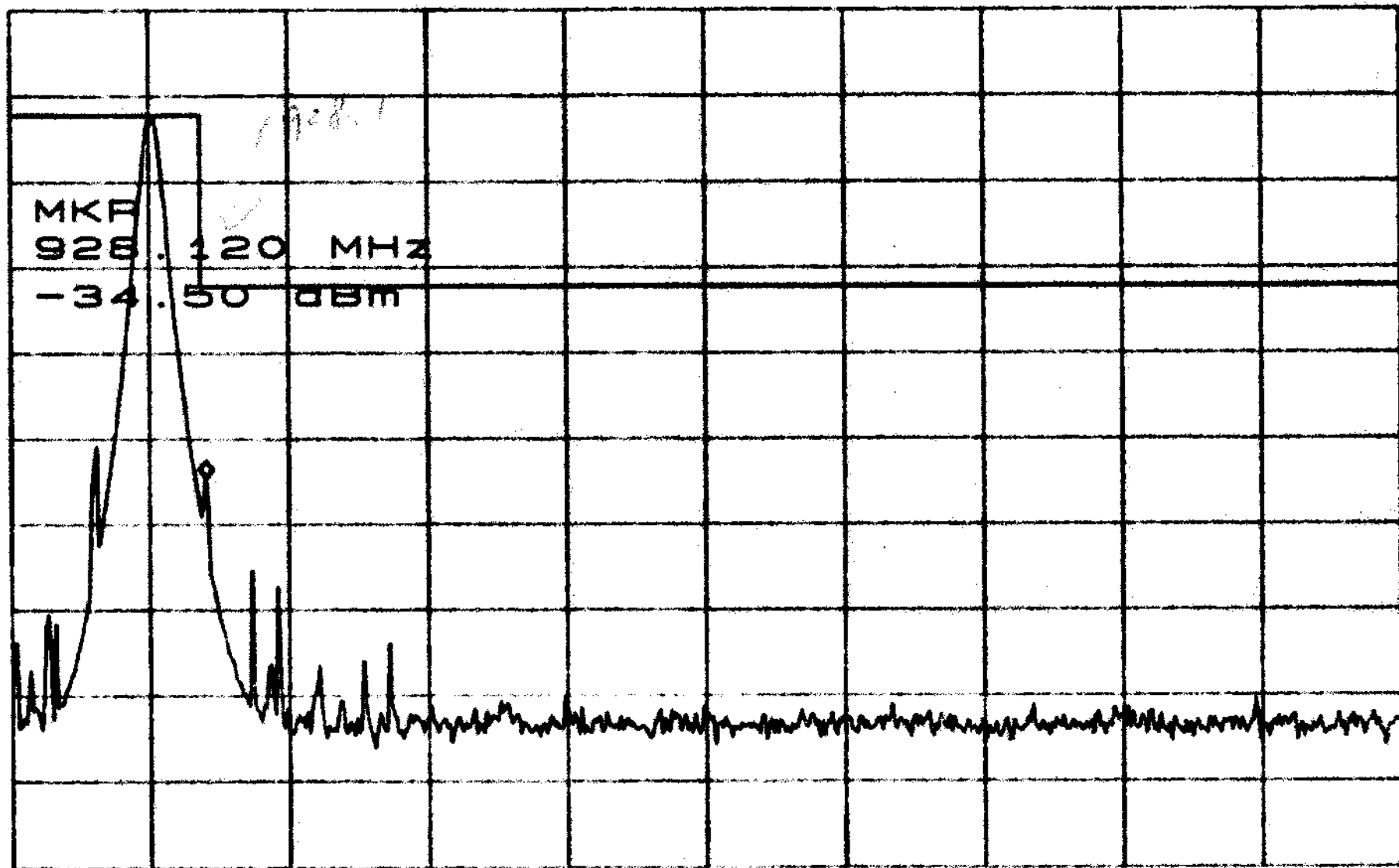
CNT -34.50dBm

RL 20.0dBm

10dB/

927.82 MHz

D



START 927.000MHz

STOP 935.000MHz

*RBW 100kHz

*VBW 10kHz

SWP 50.0ms