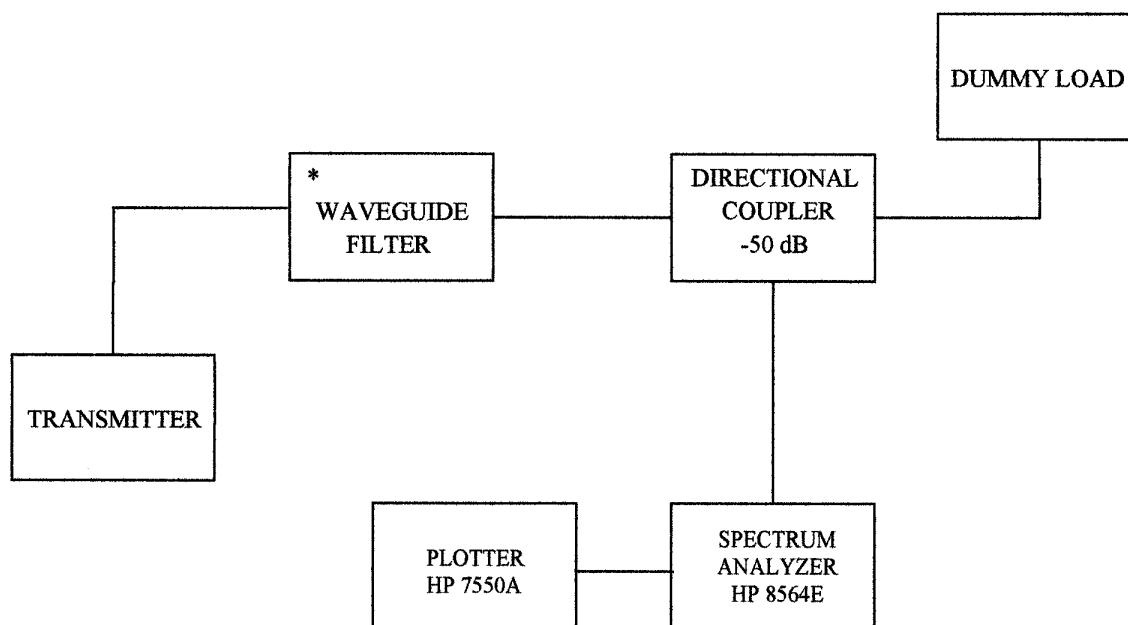


TEST SETUP FOR SPECTRUM AND EMISSION MEASUREMENTS DATA MEASURED AT 5600 MHz



Spurious measurements data taken from transmitter directional coupler.

Required emissions below carrier = $43 + 10 \log (P_m) =$
 $43 + 10 \log(355) =$
 $43 + 25.5 = 68.5 \text{ dB below carrier.}$

Note that from 0 Hz to 40 Ghz no spurious signals shown are greater than approximately -70 dBc.

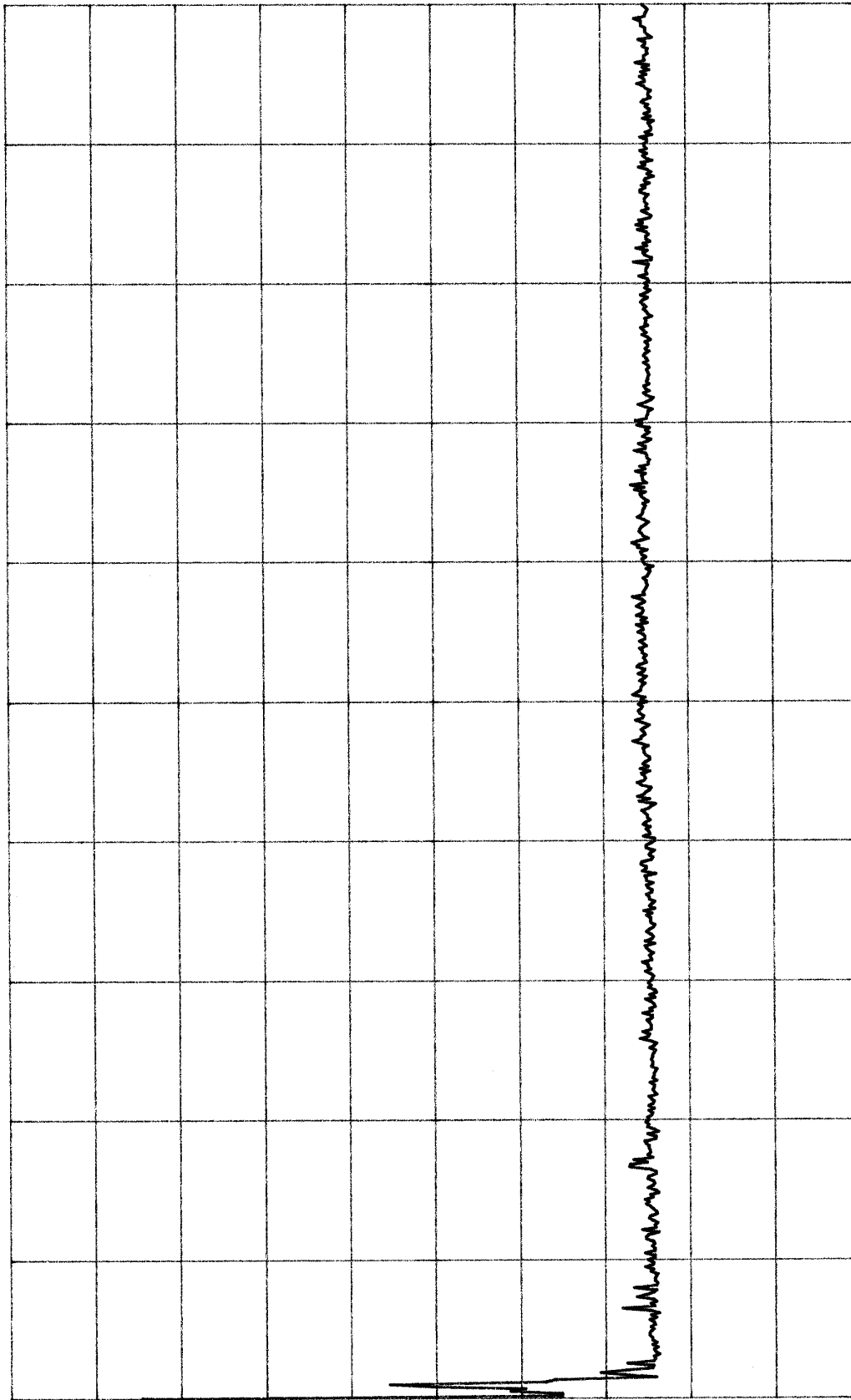
* WAVEGUIDE FILTER INCLUDED IN TEST SETUP IS NORMALLY LOCATED IN THE WAVEGUIDE ASSEMBLY AT THE EQUIPMENT RACK. CENTER FREQUENCY IS 5600 MHz.

SIZE	CODE IDENT NO.	DRAWING NO.
A		SK1874-09

ATTEN 10dB

RL 0dBm

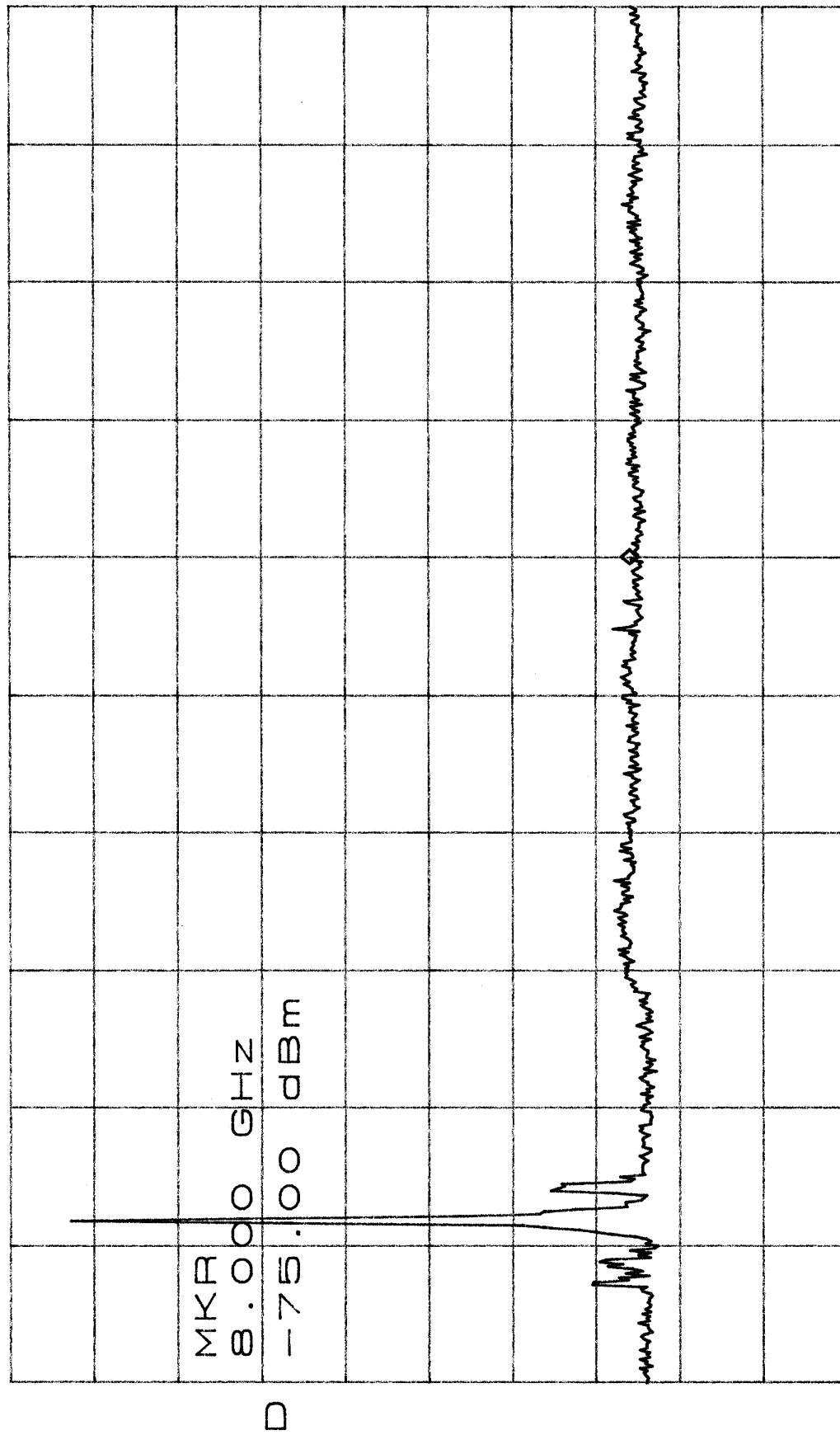
10dB/



D

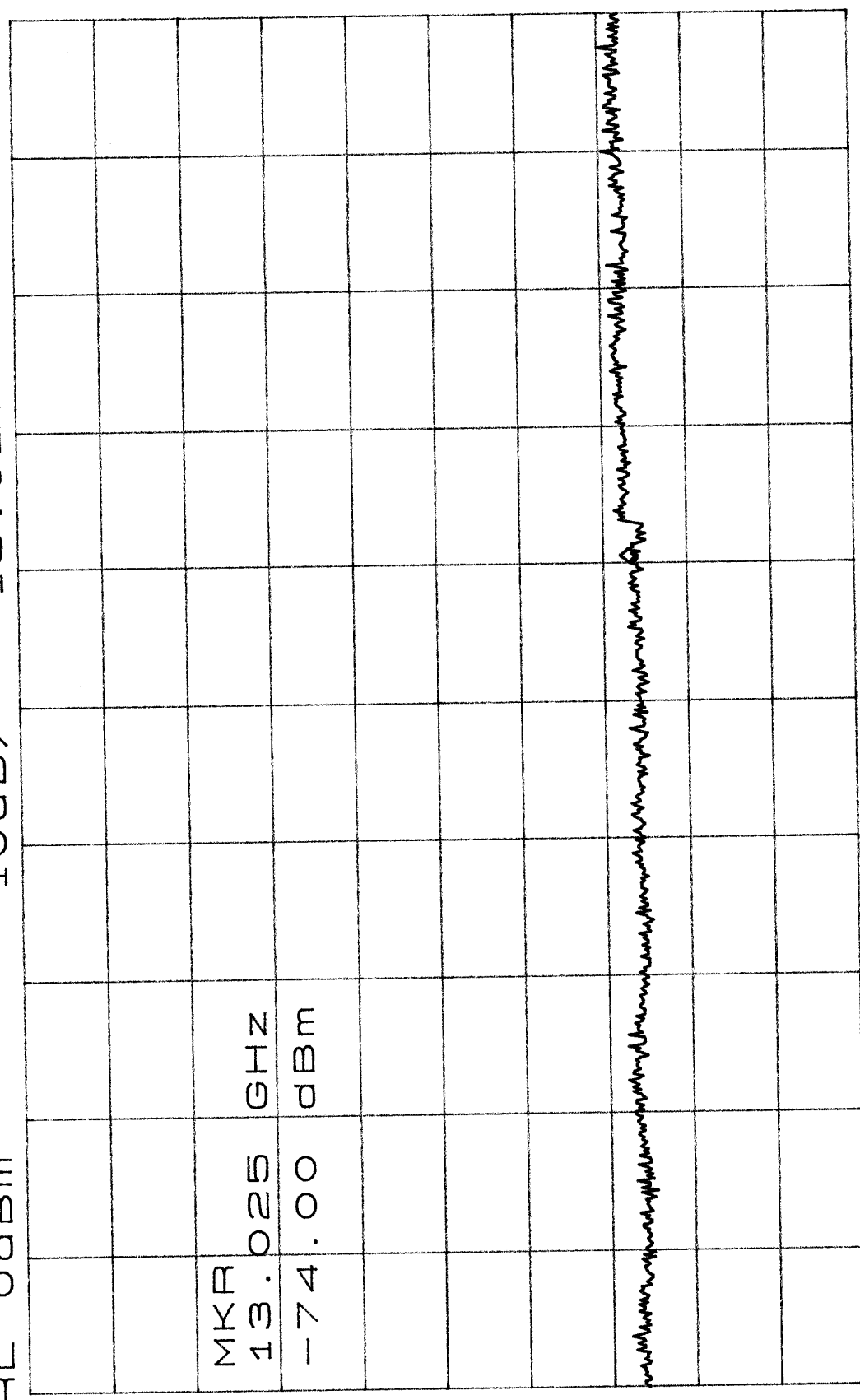
START 0HZ STOP 5.000GHZ
*RBW 100KHZ *VBW 100KHZ *SWP 10.0sec

ATTEN 10dB MKR -75.00dBm
RL 0dBm 8.000GHZ



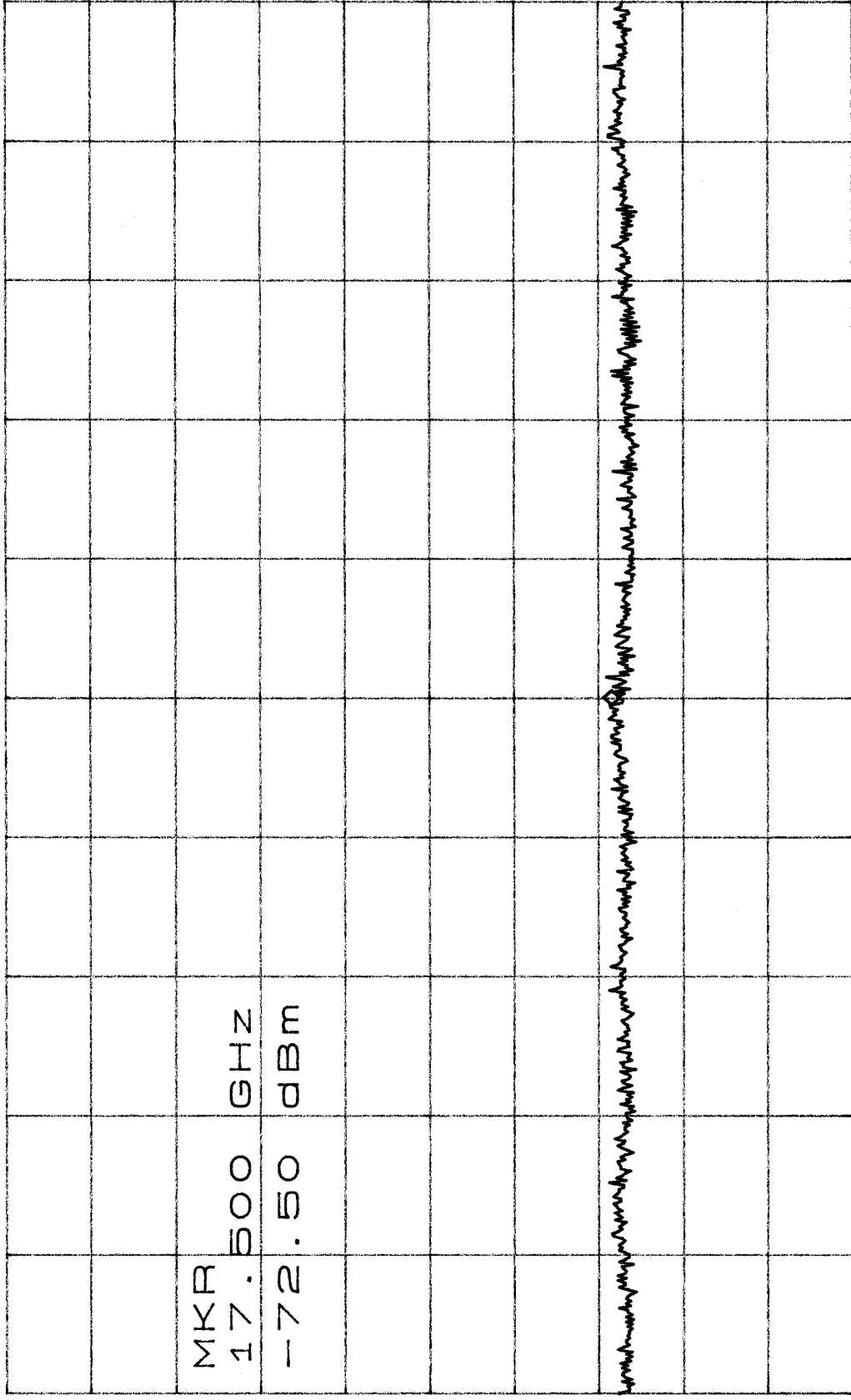
START 5.000GHZ STOP 10.000GHZ
*RBW 100KHZ *VBW 100KHZ *SWP 10.0sec

ATTEN 10dB MKR -74.00dBm
RL 0dBm 13.025GHz 10dB/



START 10.000GHZ STOP 15.000GHZ
*RBW 100KHZ *VBW 100KHZ *SWP 10.0sec

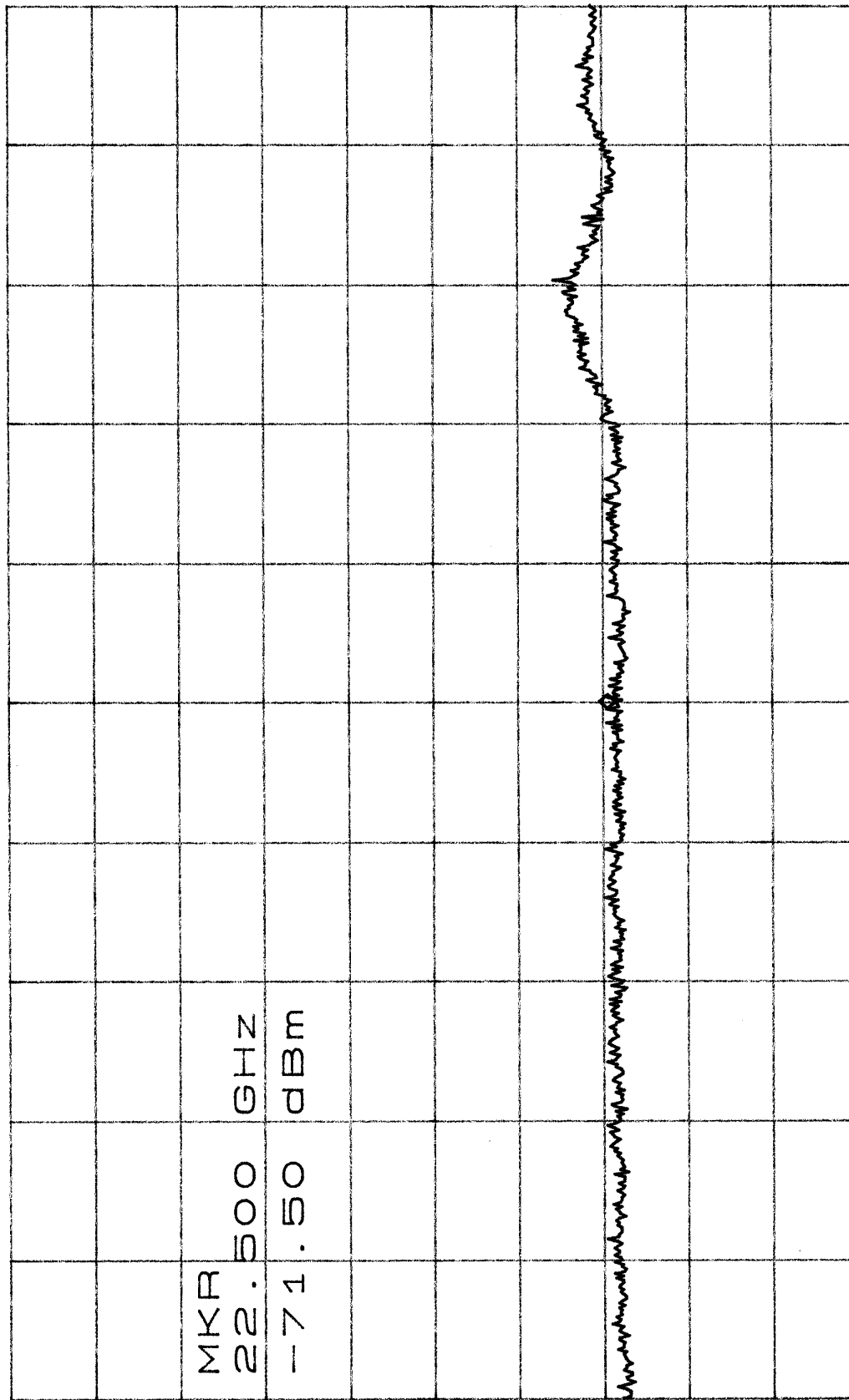
ATTEN 10dB MKR -72.50dBm
RL 0dBm 10dB/ 17.500GHZ



D

START 15.000GHZ STOP 20.000GHZ
*RBW 100KHZ *VBW 100KHZ *SWP 10.0sec

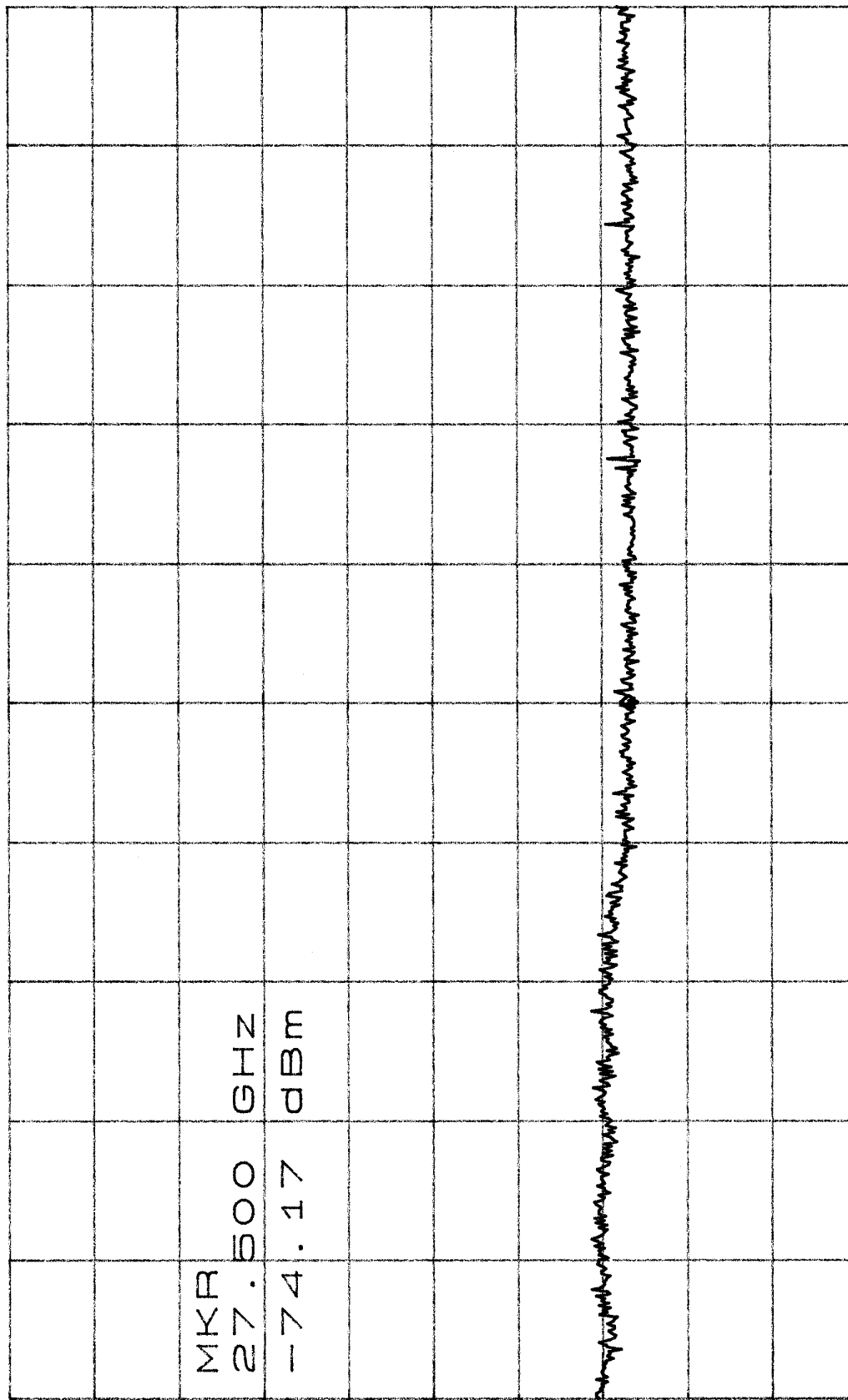
ATTEN 10dB MKR -71.50dBm
RL 0dBm 22.500GHZ



MKR
22.500 GHz
-71.50 dBm

START 20.000GHZ STOP 25.000GHZ
*RBW 100KHZ *VBW 100KHZ *SWP 10.0sec

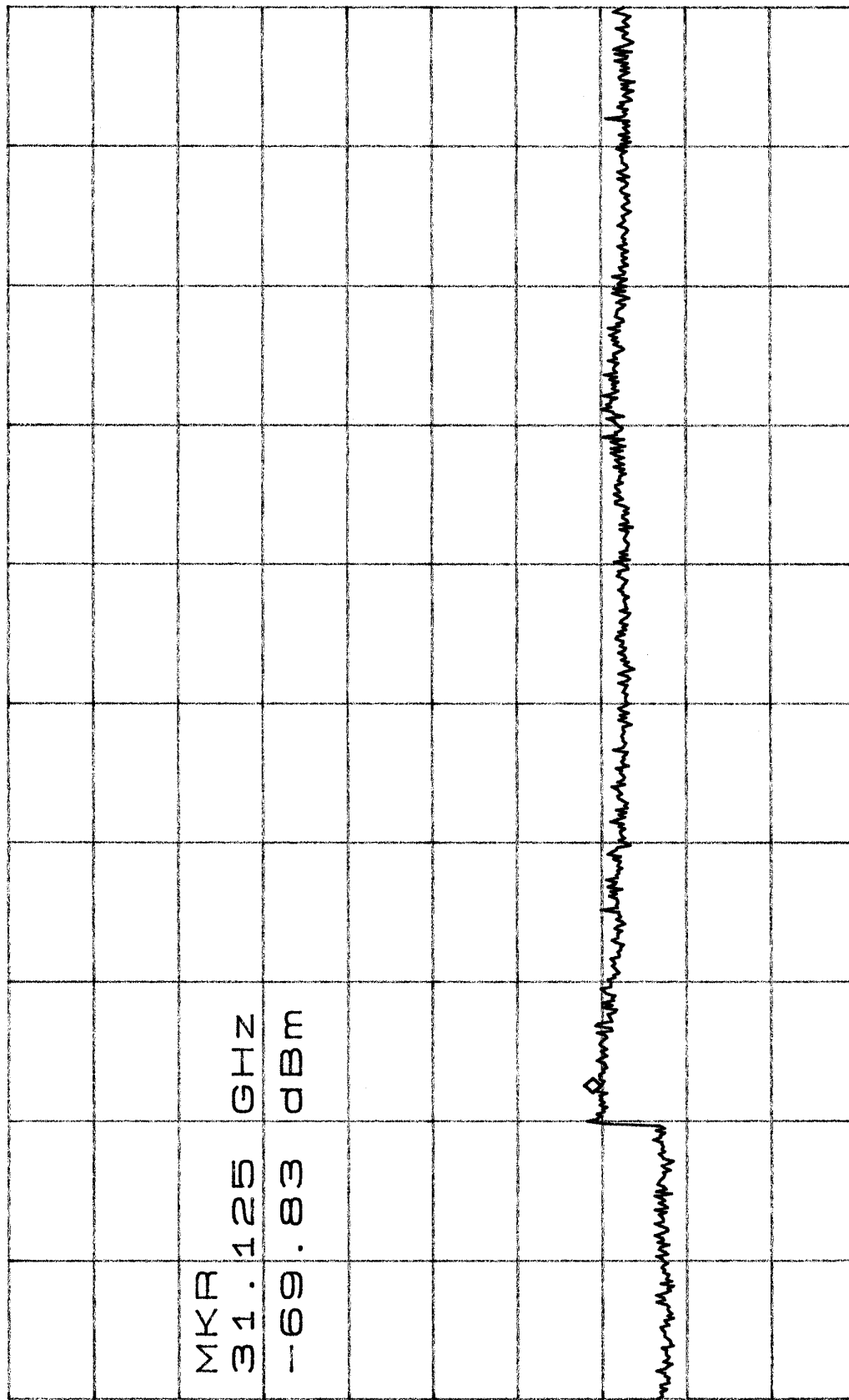
ATTEN 10dB MKR -74.17dBm
 RL 0dBm 27.500GHZ



D

START 25.000GHZ STOP 30.000GHZ
 *RBW 100KHZ *VBW 100KHZ *SWP 10.0sec

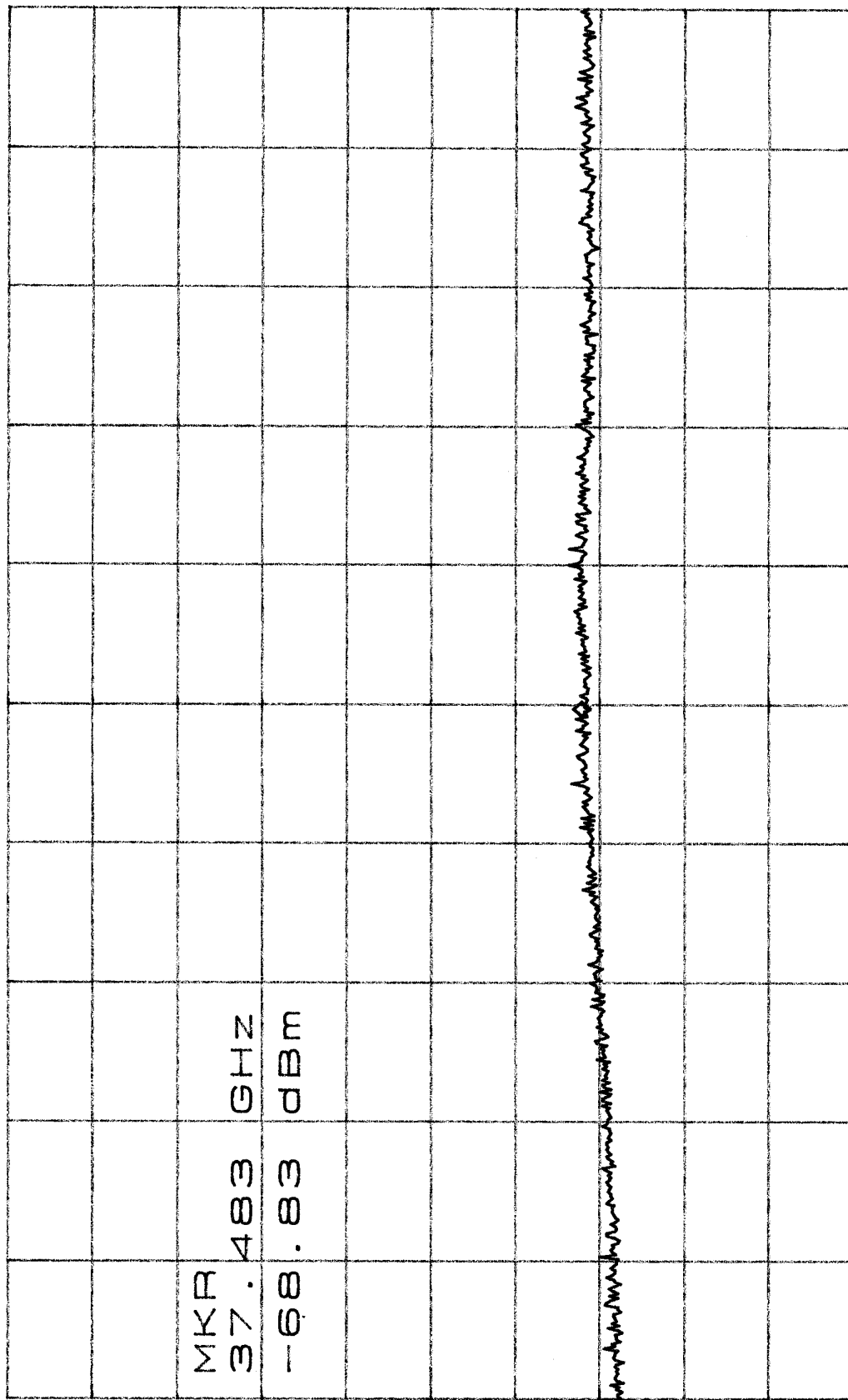
ATTEN 10dB MKR -69.83dBm
RL 0dBm 31.125GHz



D

START 30.000GHZ STOP 35.000GHZ
*RBW 30KHZ *VBW 30KHZ *SWP 20.0sec

ATTEN 10dB MKR -68.83dBm
 RL 0dBm 37.483GHz



D

START 35.000GHZ STOP 40.000GHZ
 *RBW 30KHZ *VBW 30KHZ *SWP 20.0sec