

## **FCC Part 15 Subpart C**

### **Frequency Hopping Spread Spectrum Transmitter**

**Manufacturer: Neptune Technology Group, Inc.**

**Model: R900-v2  
FCC ID: P2SNTGSRFV2**

**ACS Report Number: 02-0003-15PC**

### **Class II Permissive Change Test Report**

## **APPENDIX A**

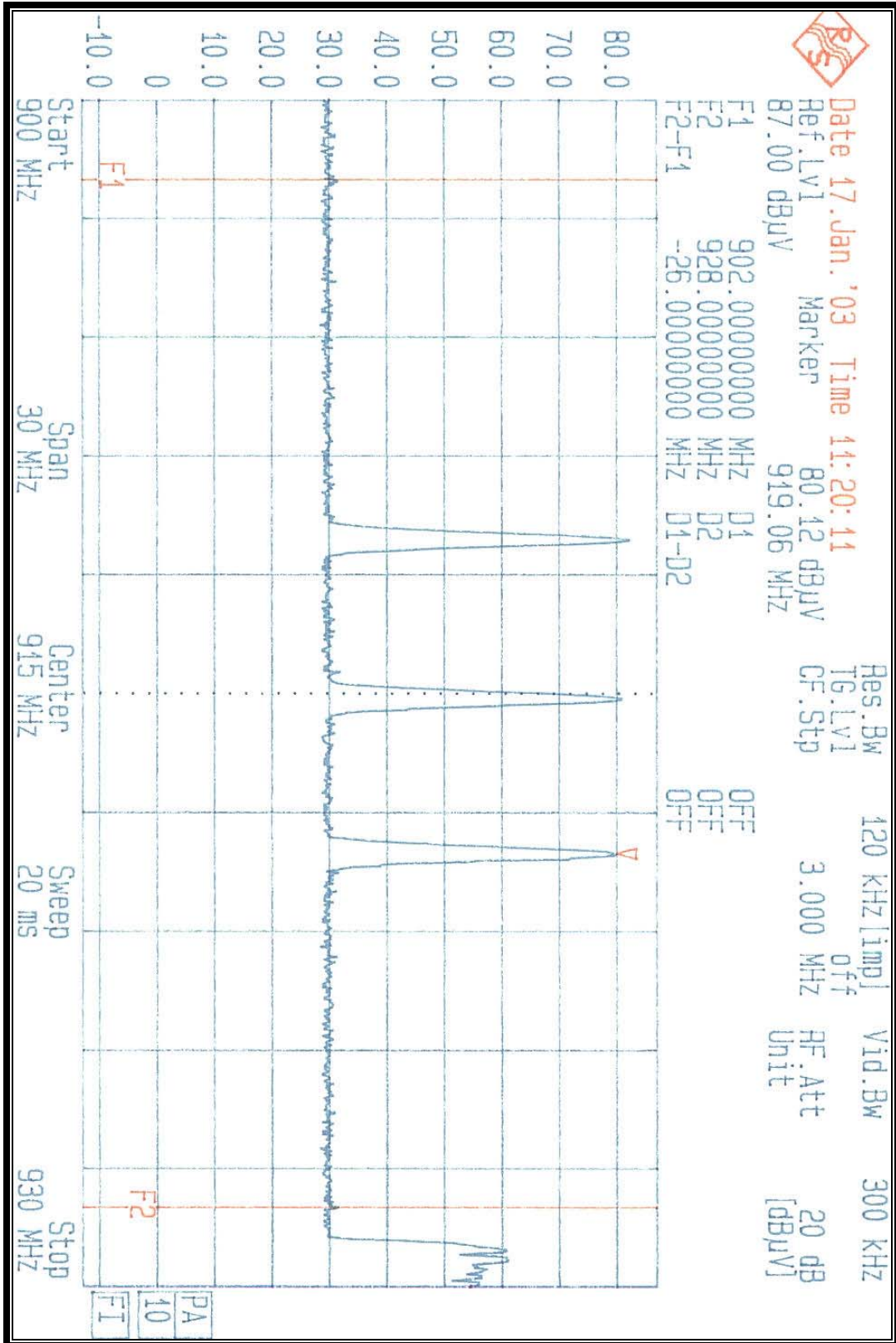
### **SPURIOUS EMISSIONS IN THE RESTRICTED BANDS**

This test report shall not be reproduced except in full. This report may be reproduced in part with prior written consent of ACS, Inc. The results contained in this report are representative of the sample(s) submitted for evaluation.

**This appendix contains 41 pages**

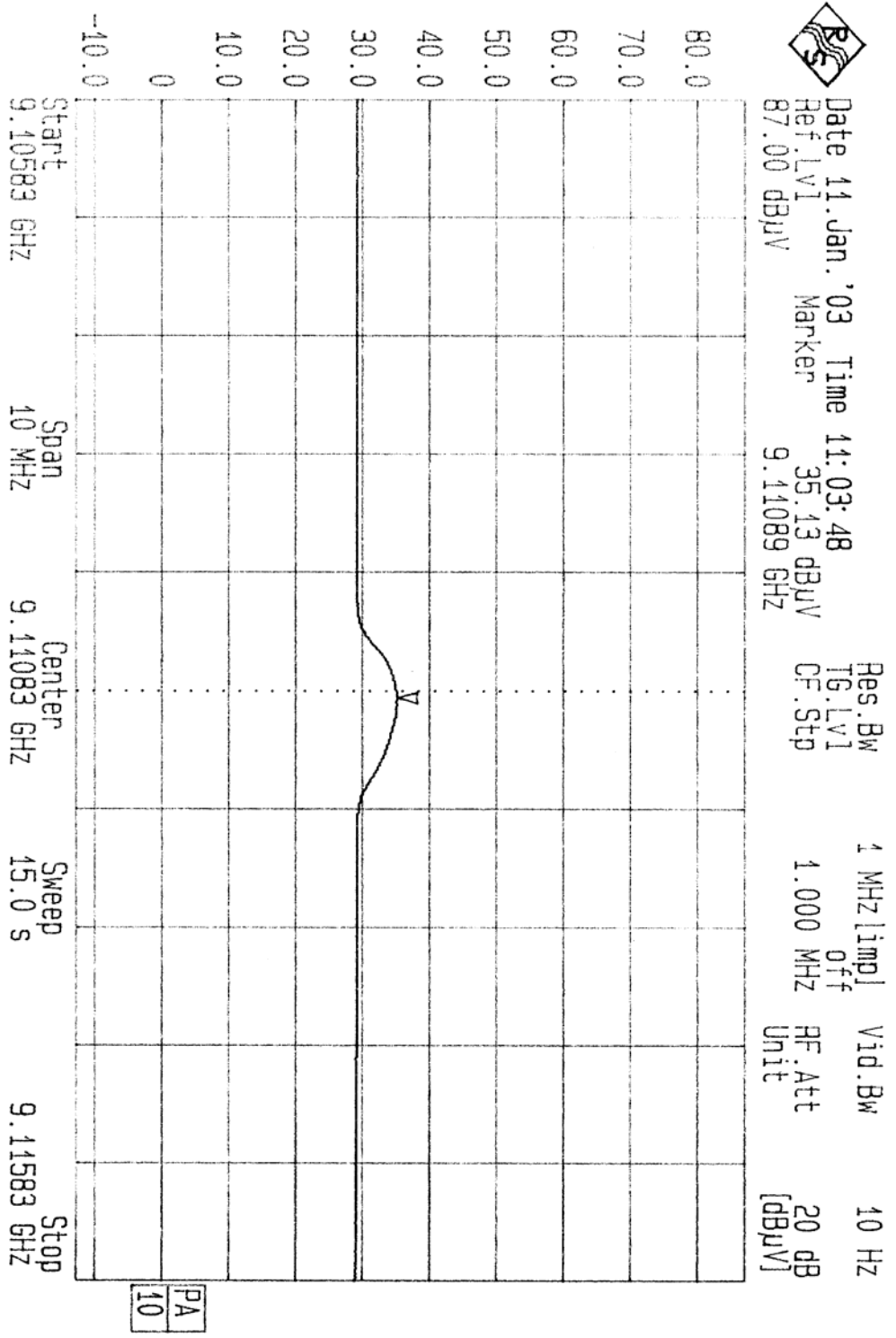


FOR THE SCOPE OF ACCREDITATION UNDER LAB Code 200612



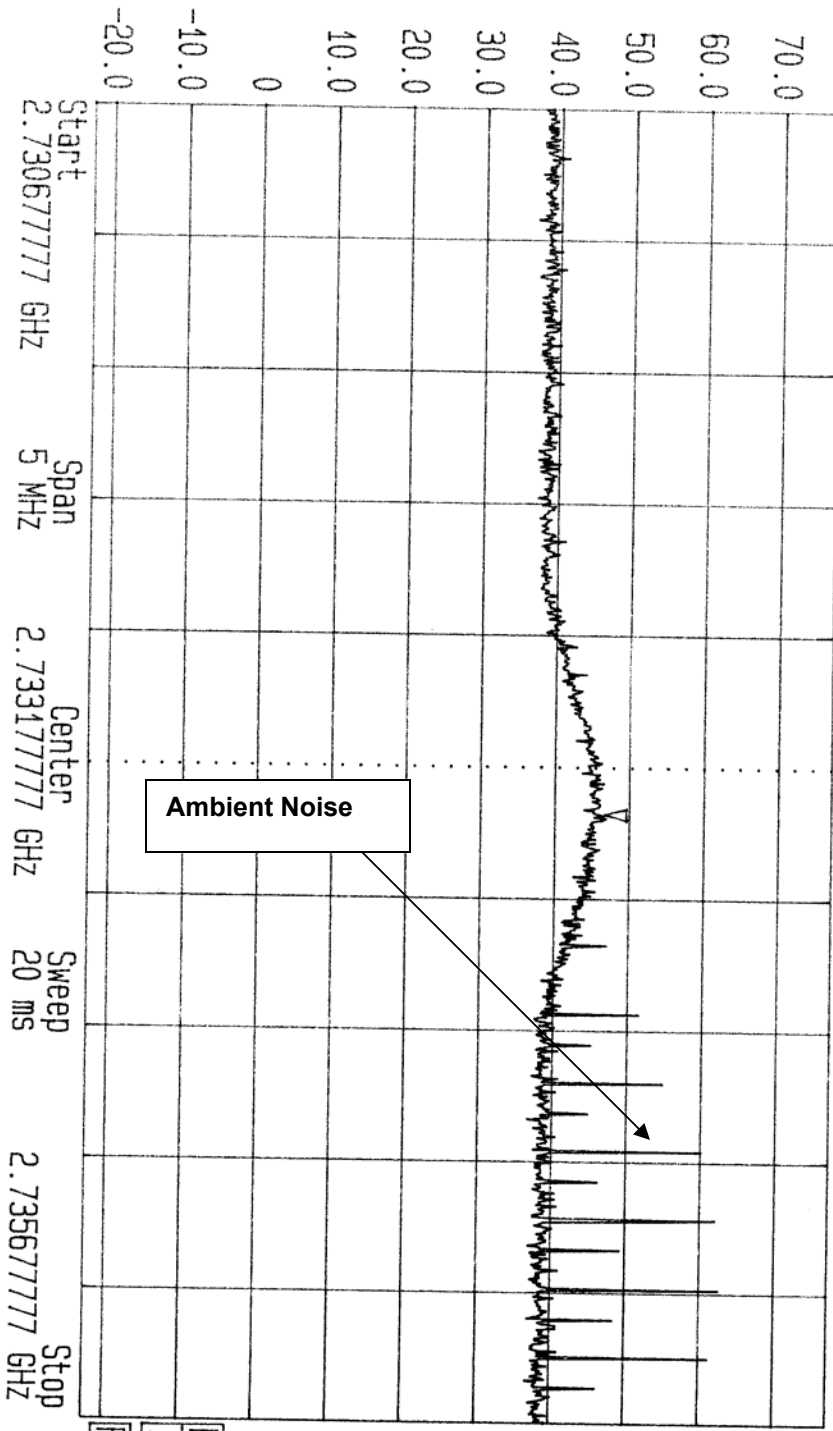
Band Edge Compliance Plot

## Low Channel

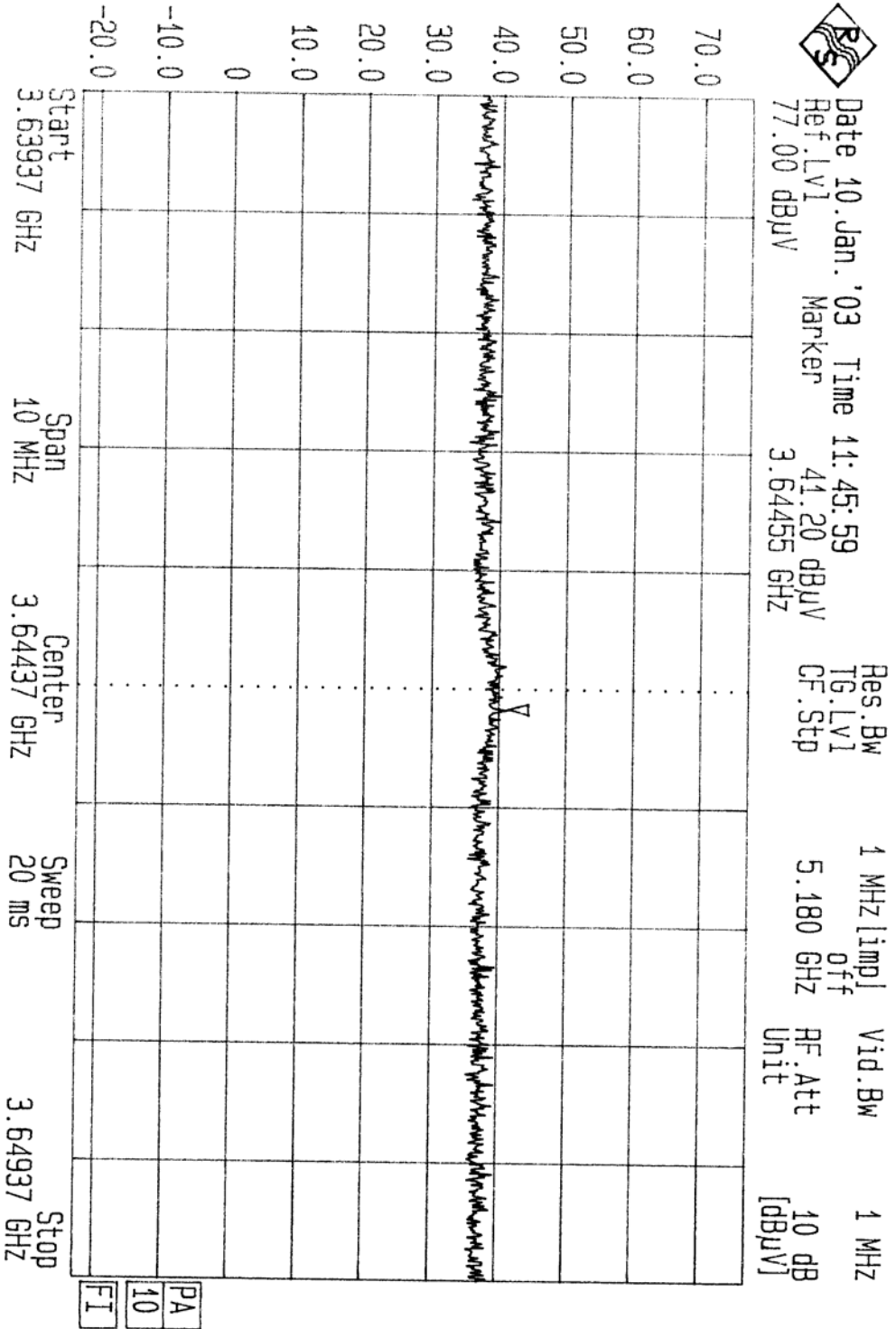


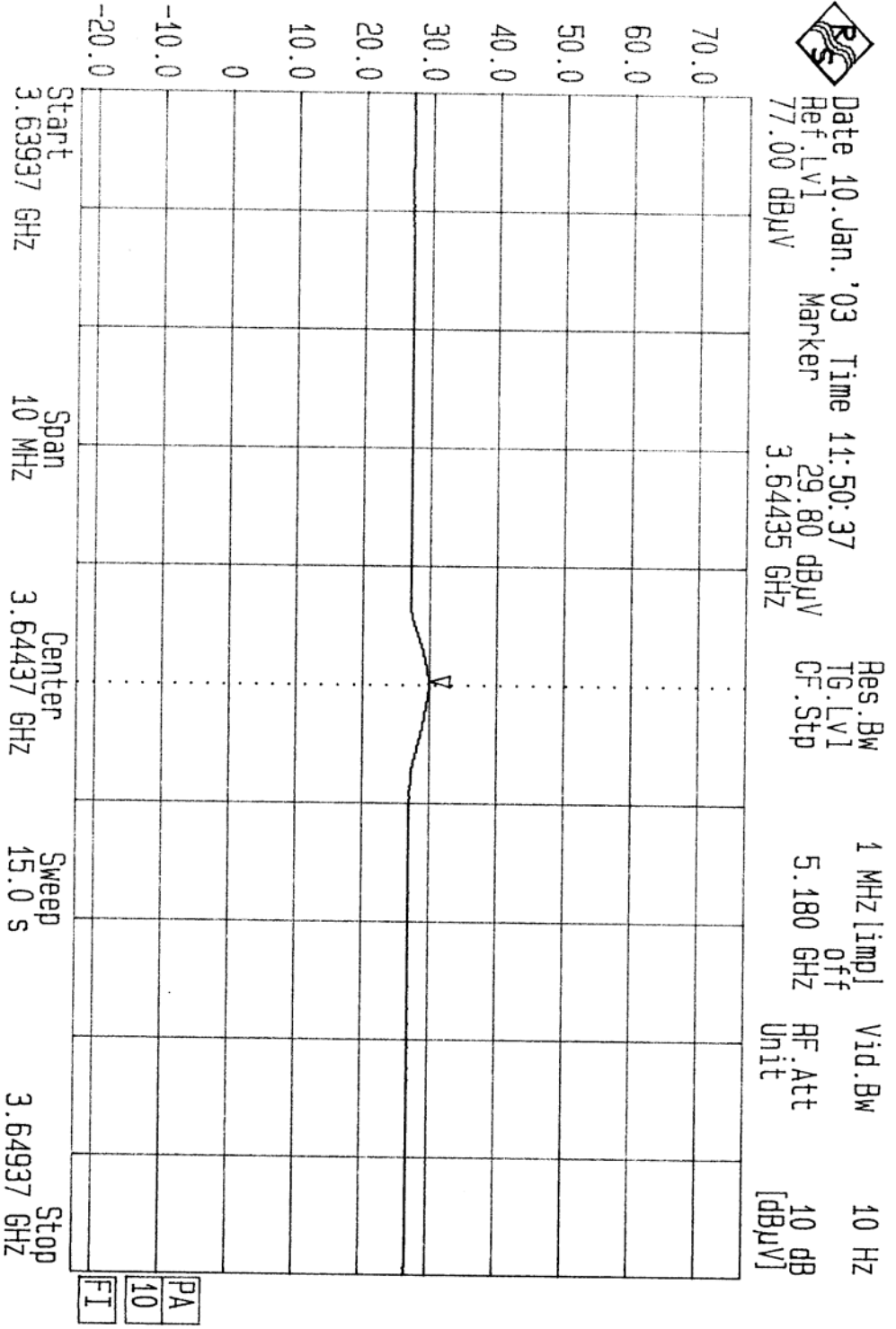


Date 10-Jan-'03 Time 11:07:00  
 Ref.Lvl 77.00 dBµV  
 Marker 2.733361 GHz  
 Res.Bw 1 MHz [imp] off  
 T6.Lvl CF.Stp  
 Vid.Bw 1 MHz  
 RF.Att Unit 10 dB [dBµV]



PA 10  
 FI



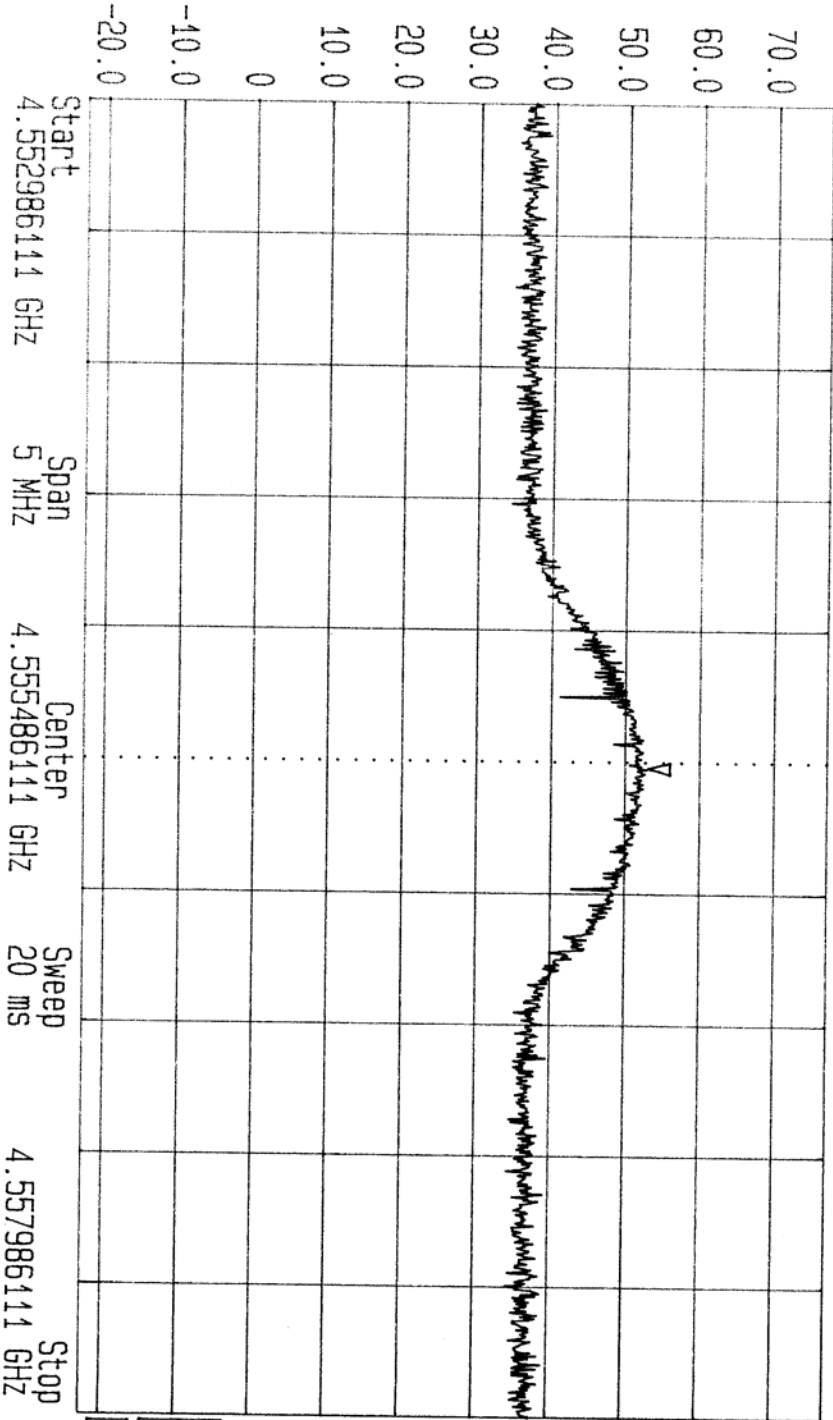




Date 10. Jan. '03 Time 10:47:40  
 Ref. Lvl 77.00 dBµV  
 Marker 52.98 dBµV  
 4.555513 GHz

Res. Bw 1 MHz [imp]  
 TG. Lvl off  
 CF. Strp 5.180 GHz

Vid. Bw 1 MHz  
 RF Att Unit  
 [dBµV]

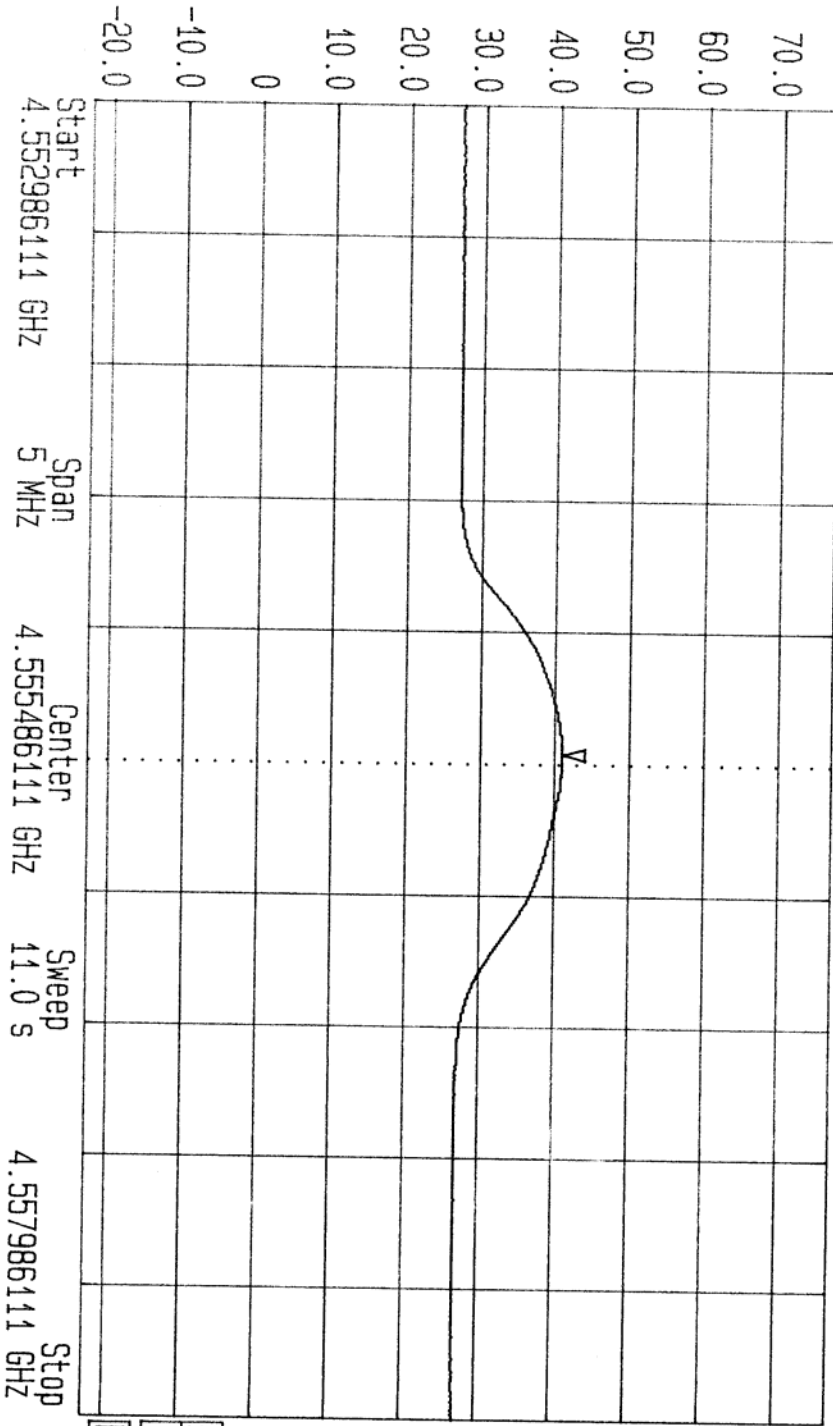


PA  
 10  
 FI

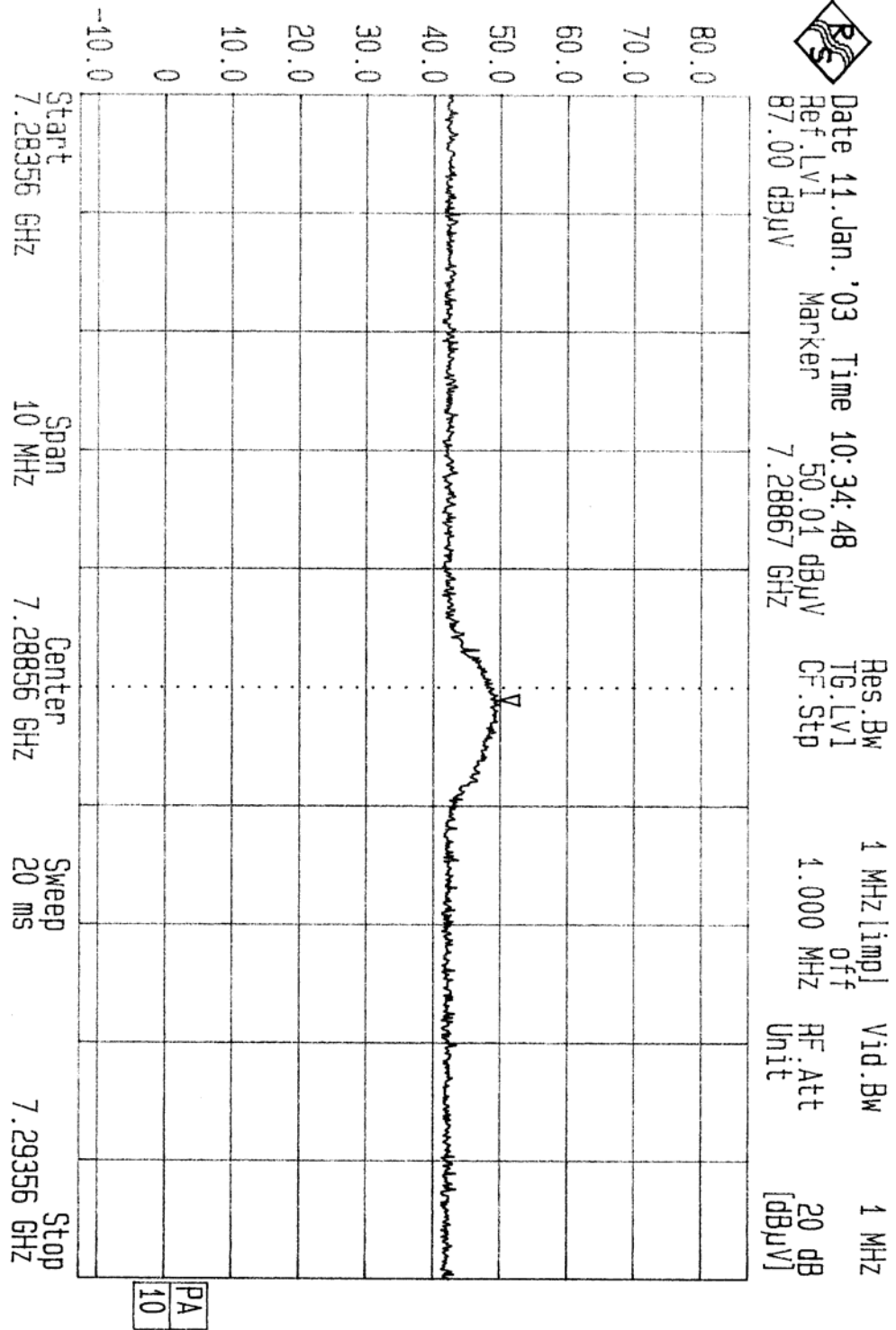




Date 10. Jan. '03 Time 10:42:24 Res. Bw 1 MHz [imp] Vid. Bw 10 Hz  
 Ref. Lvl 77.00 dB $\mu$ V Marker 41.05 dB $\mu$ V CF. Stp T6. Lvl 10 dB  
 4.555452 GHz 5.180 GHz off RF. Att Unit [dB $\mu$ V]

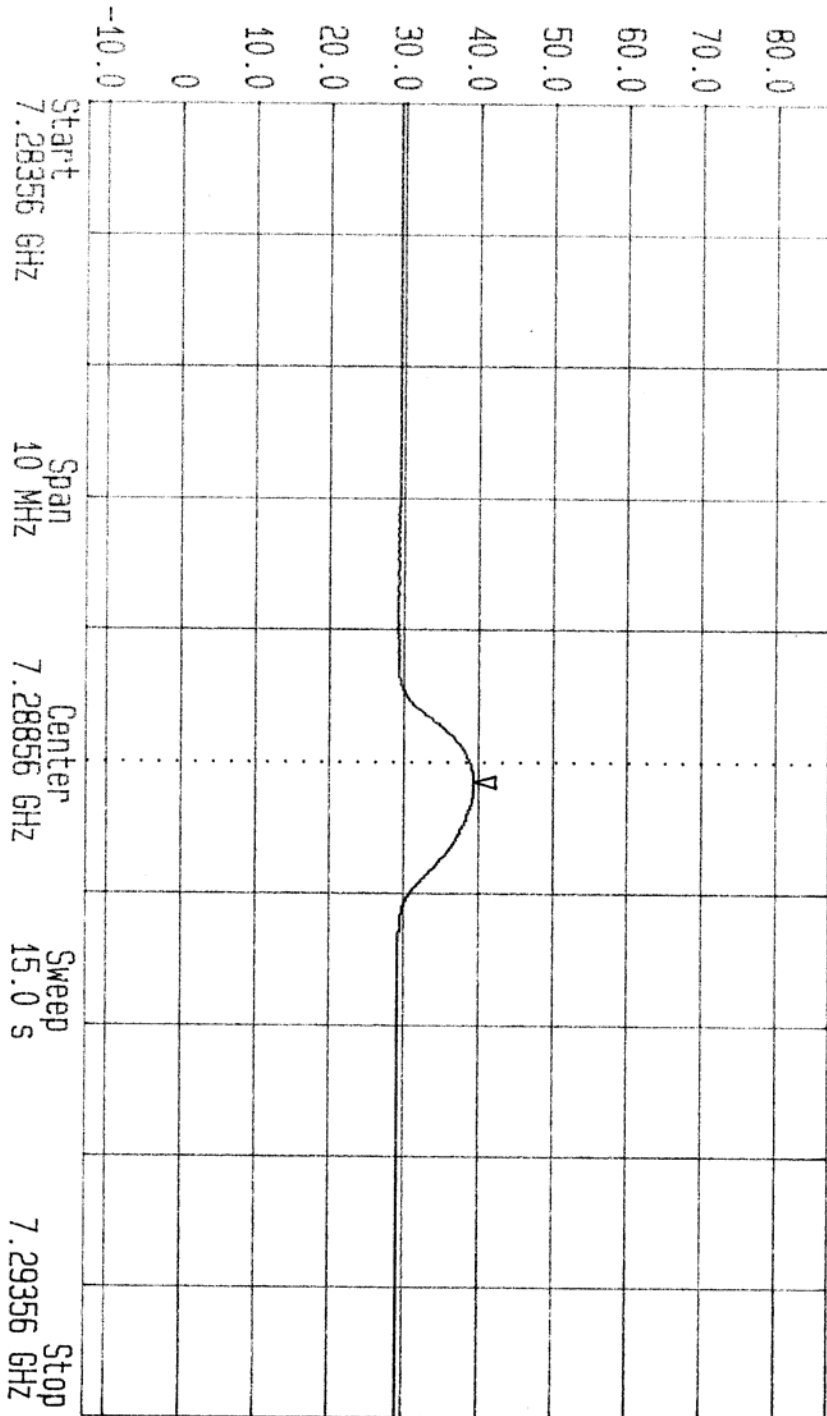


PA 10  
 FI

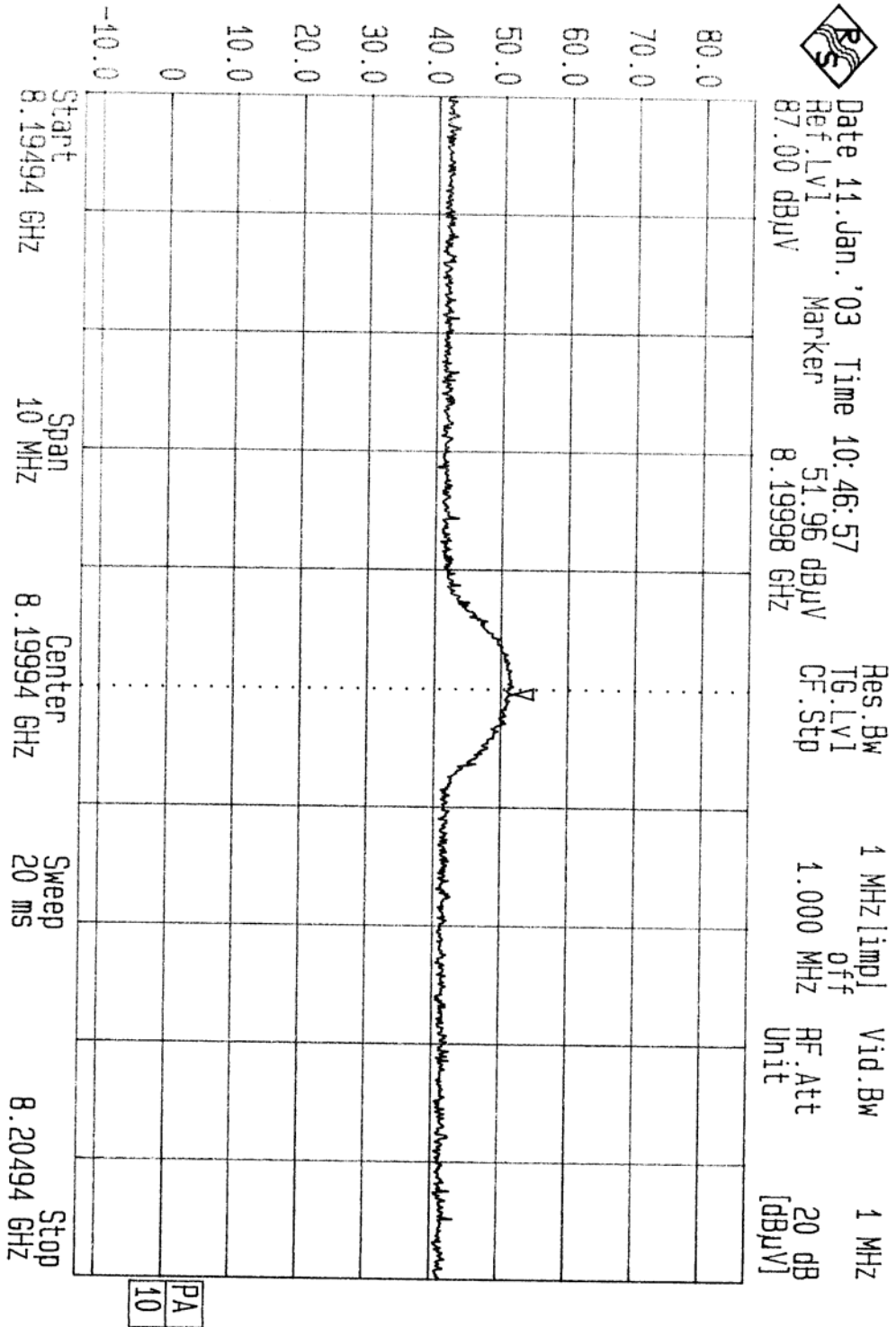


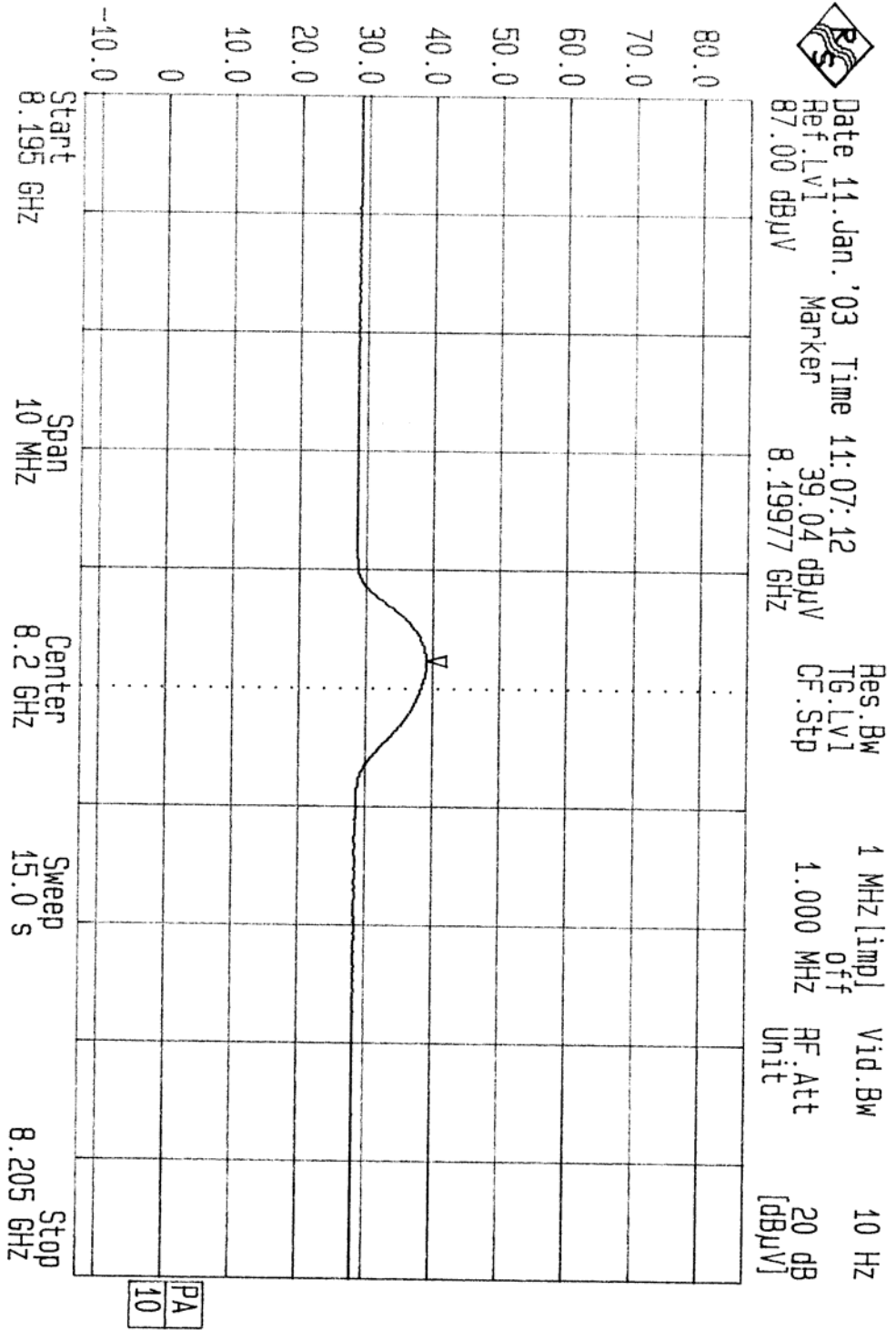


Date 11. Jan. '03 Time 10:38:52  
 Ref. Lvl 87.00 dBµV  
 Marker 7.28872 GHz  
 Res. Bw 1 MHz [imp] 10 Hz  
 T6. Lvl 39.47 dBµV  
 CF. Stp 1.000 MHz off  
 Vid. Bw 20 dB  
 RF: Att Unit [dBµV]

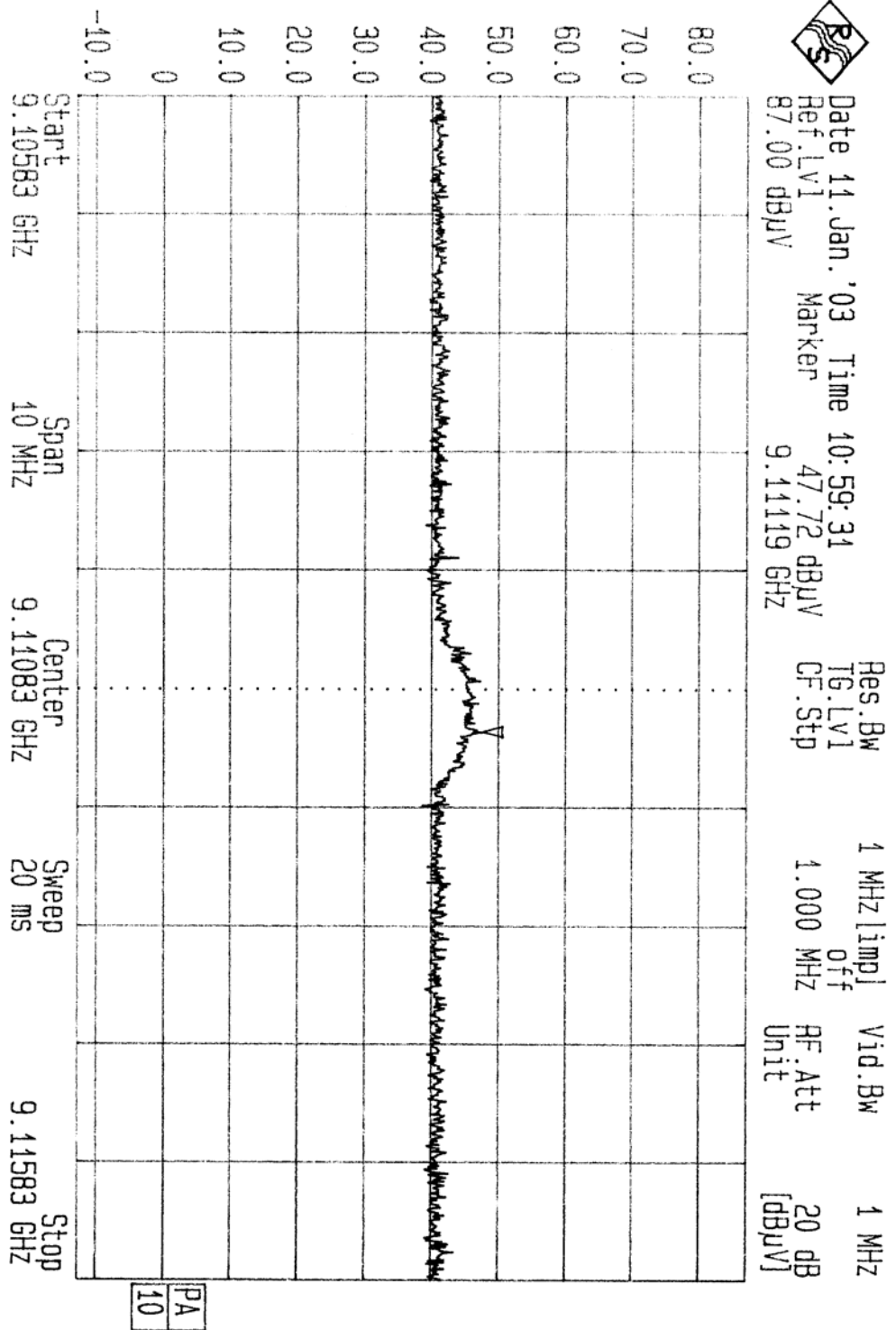


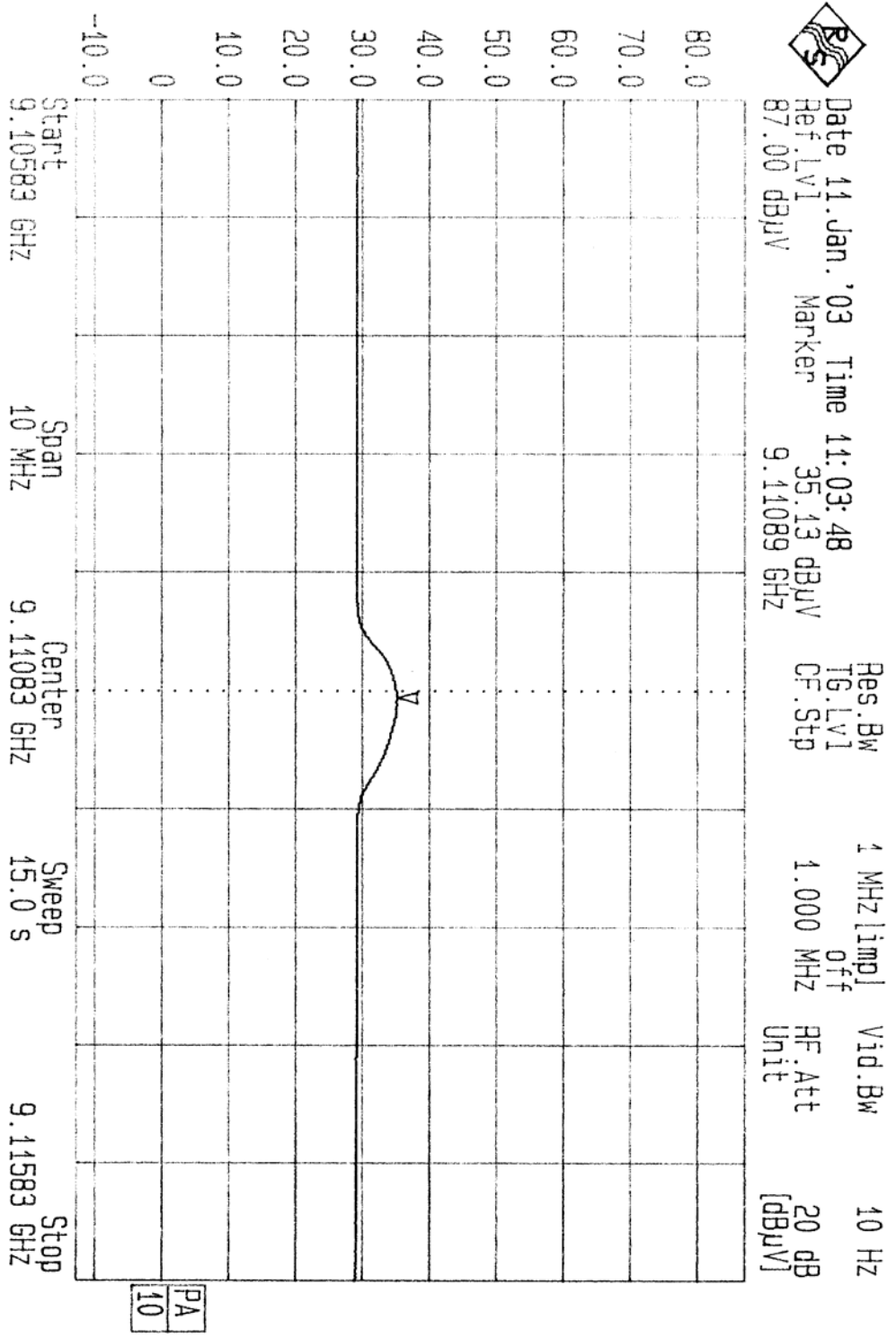
PA
10





PA
10

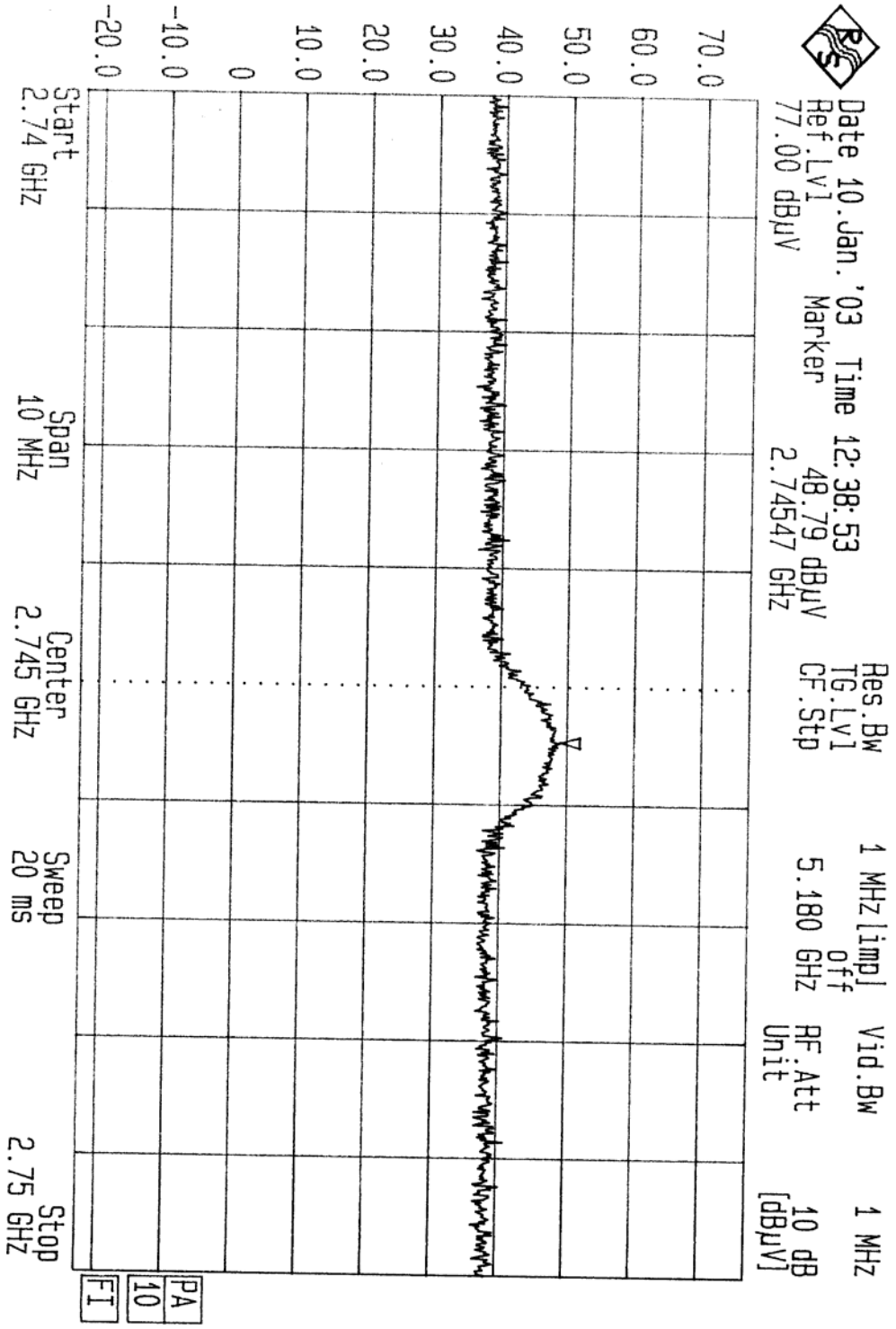


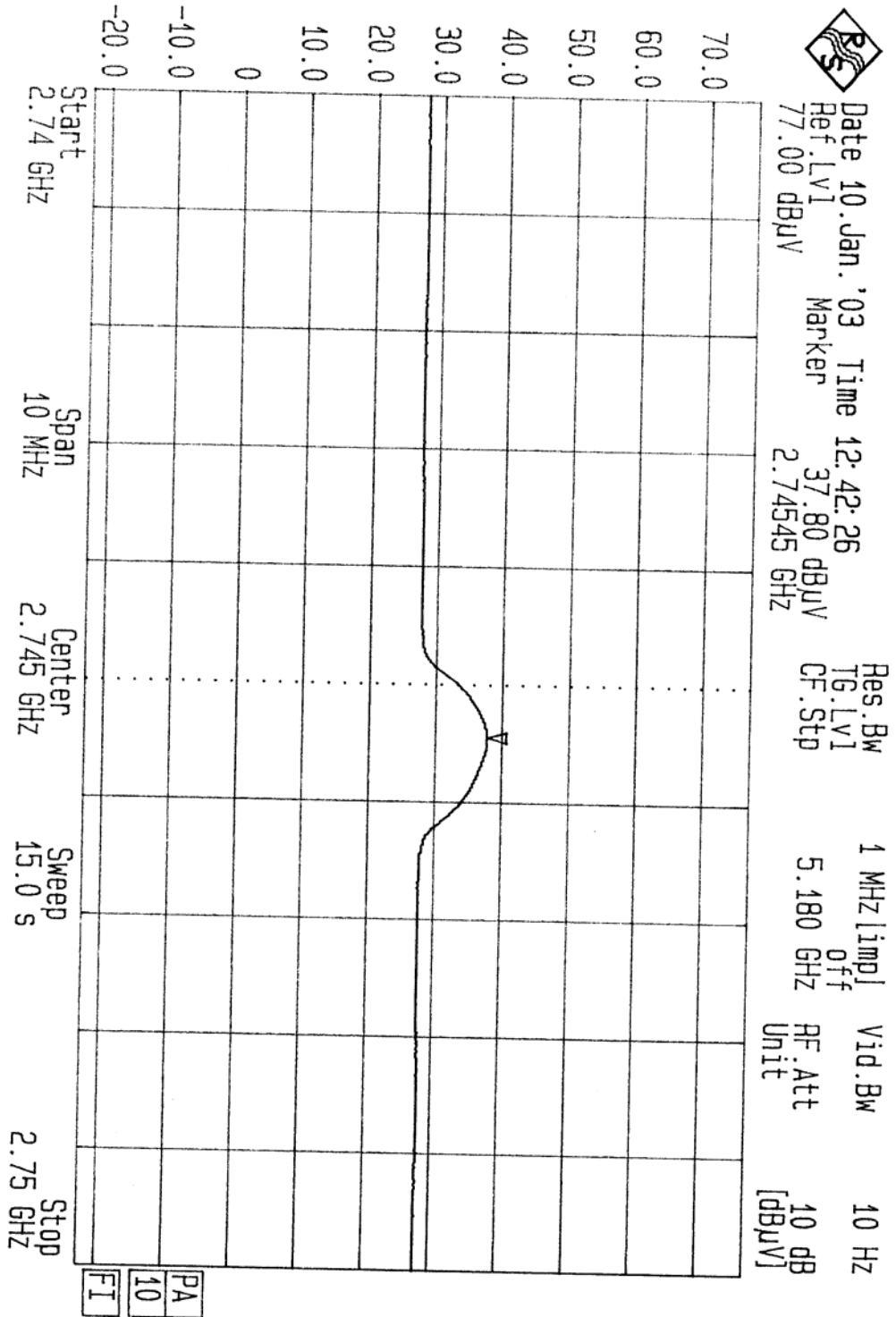


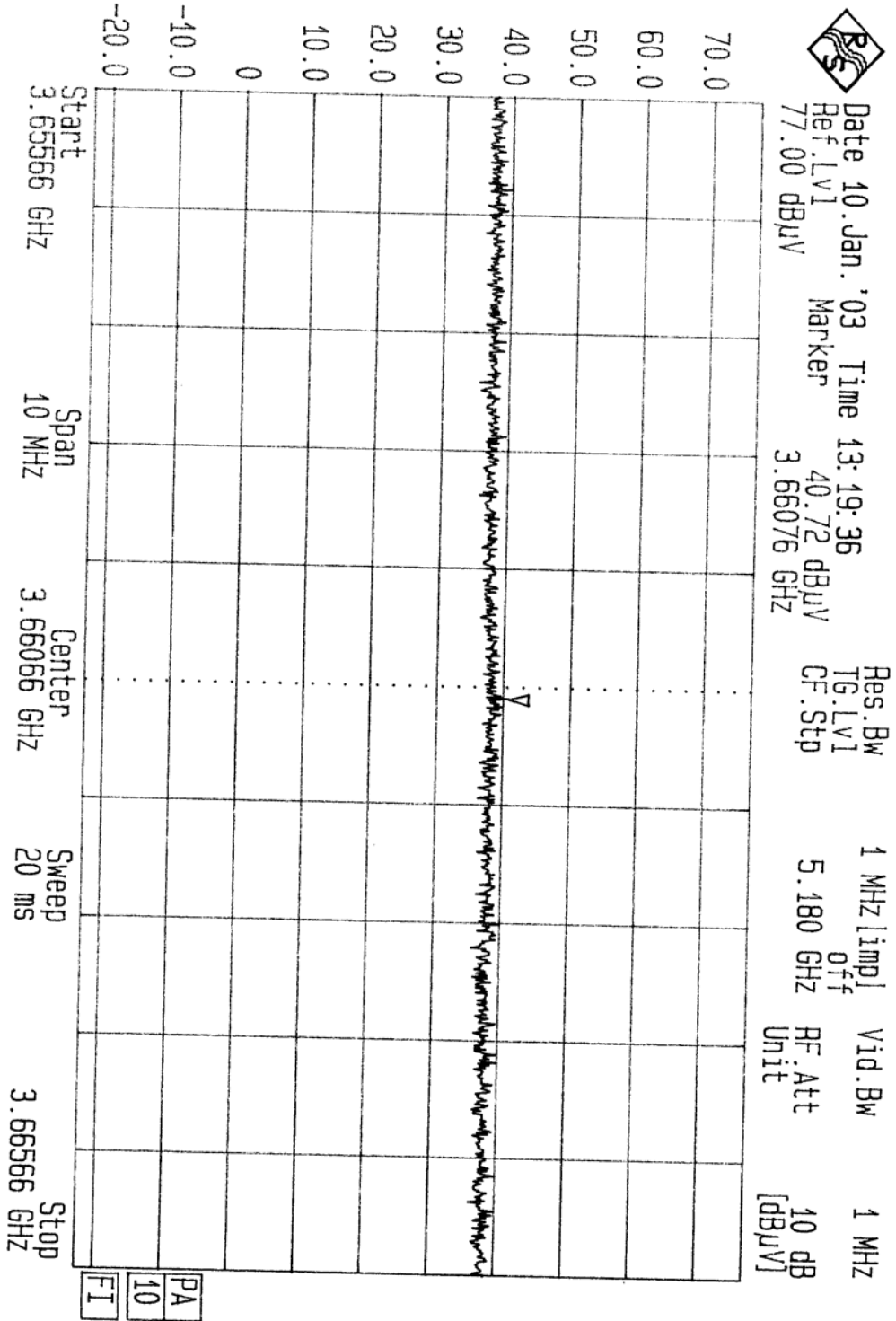
PA  
10

## Middle Channel









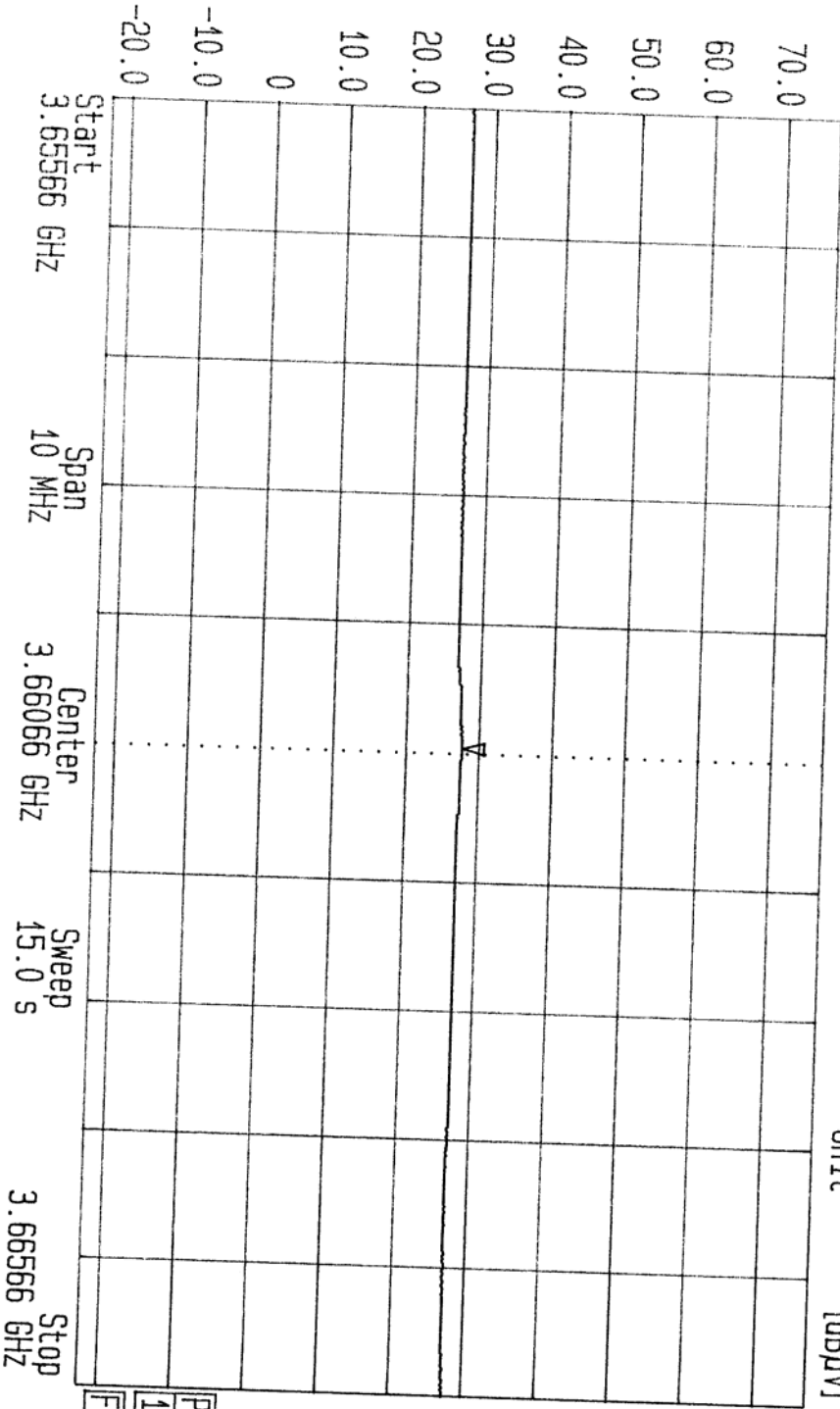


Date 10. Jan. '03 Time 13:23:16  
Ref. Lvl 77.00 dBµV  
Marker 3.66063 GHz

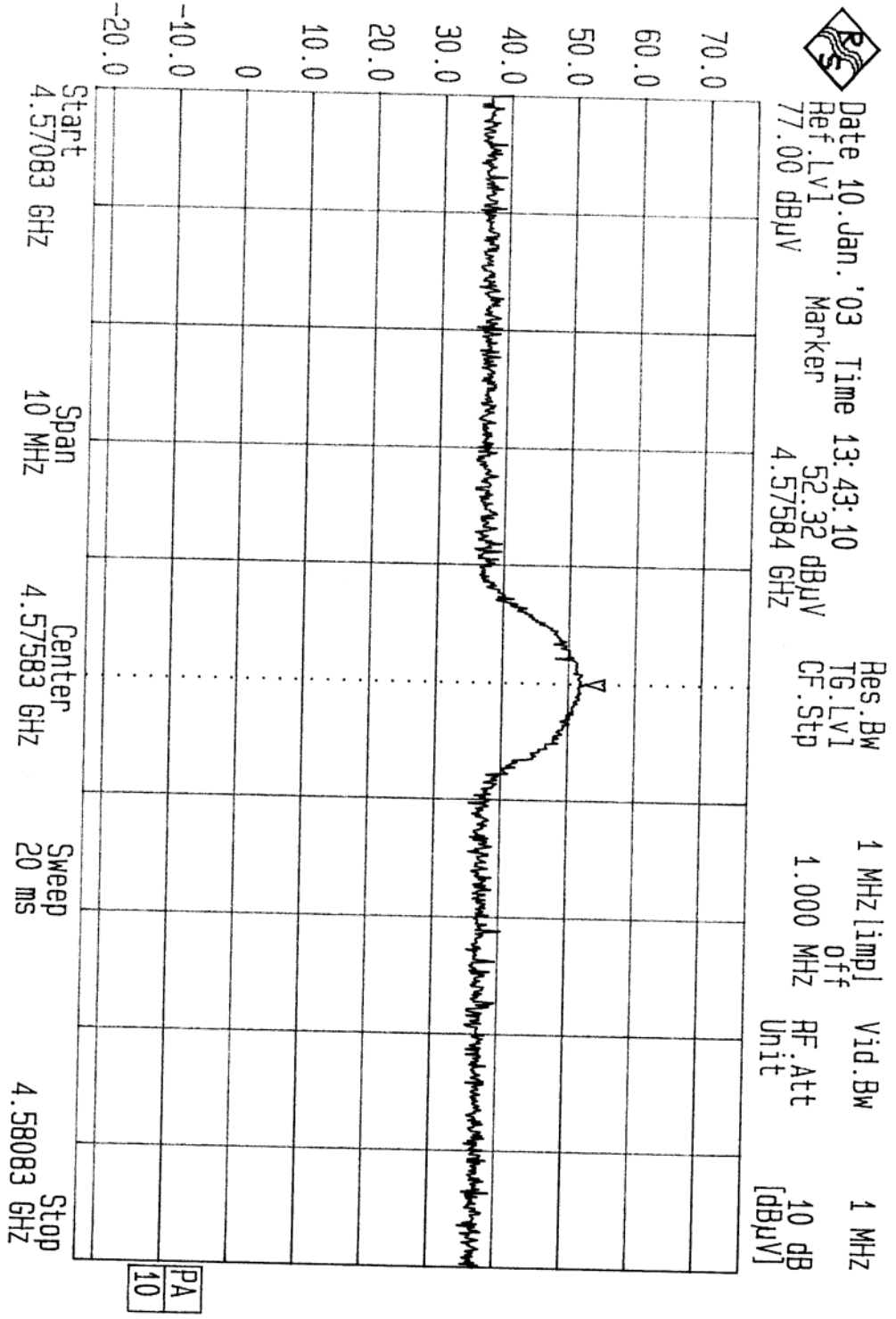
Res. BW 1 MHz  
T6.Lvl 1  
CF.Stp off

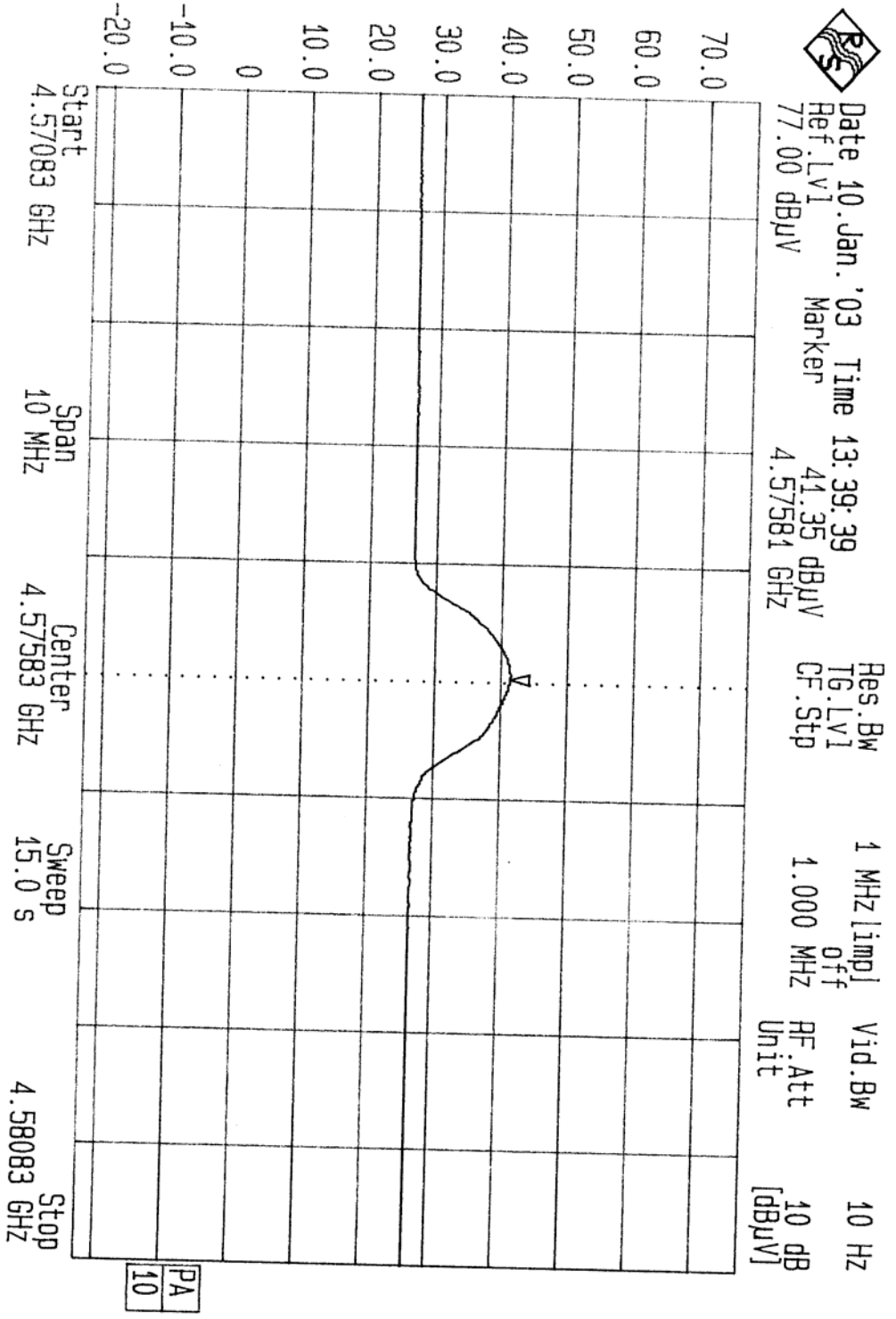
1 MHz limpl  
5.180 GHz

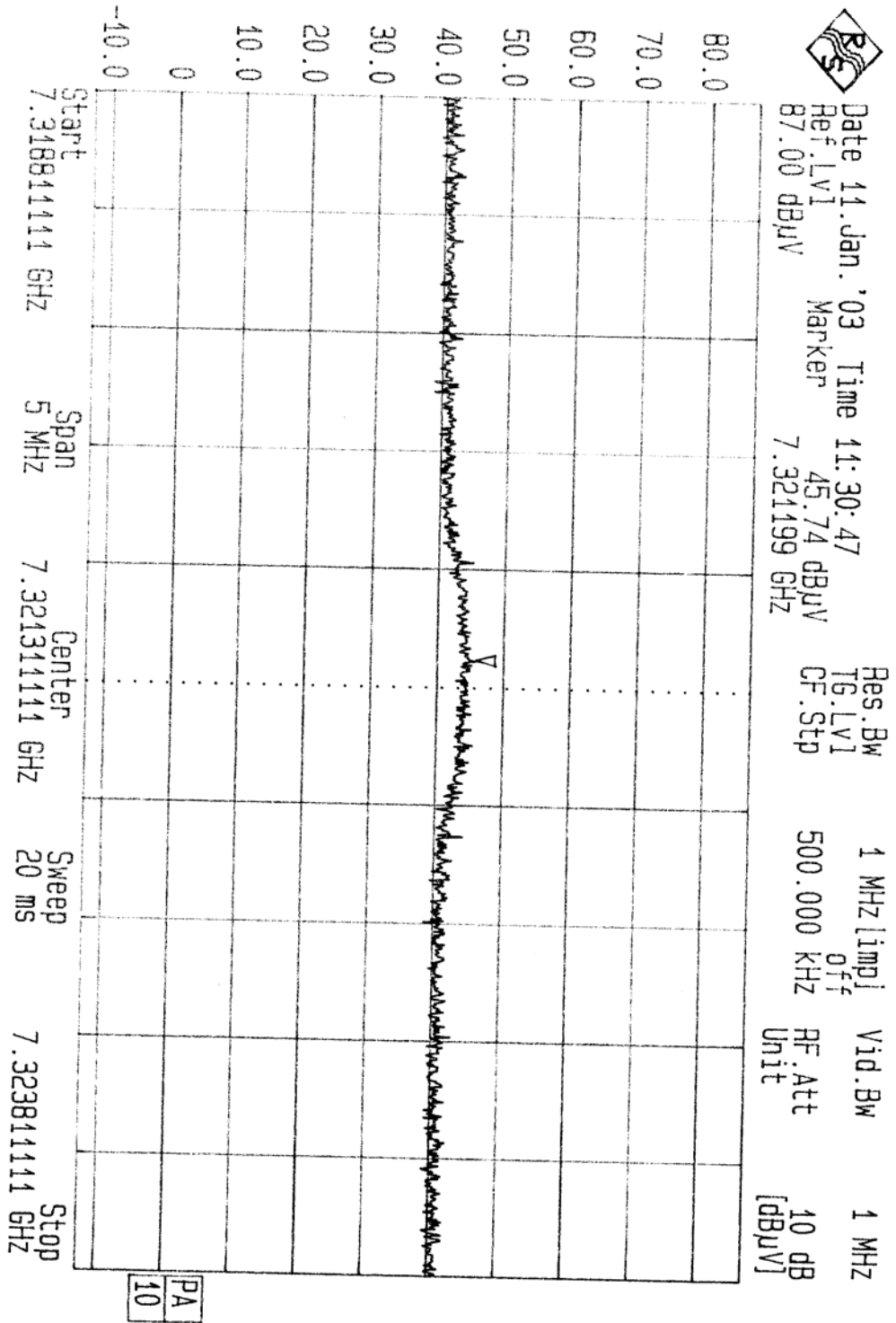
Vid. BW 10 Hz  
RF: Att 10 dB  
Unit [dBµV]

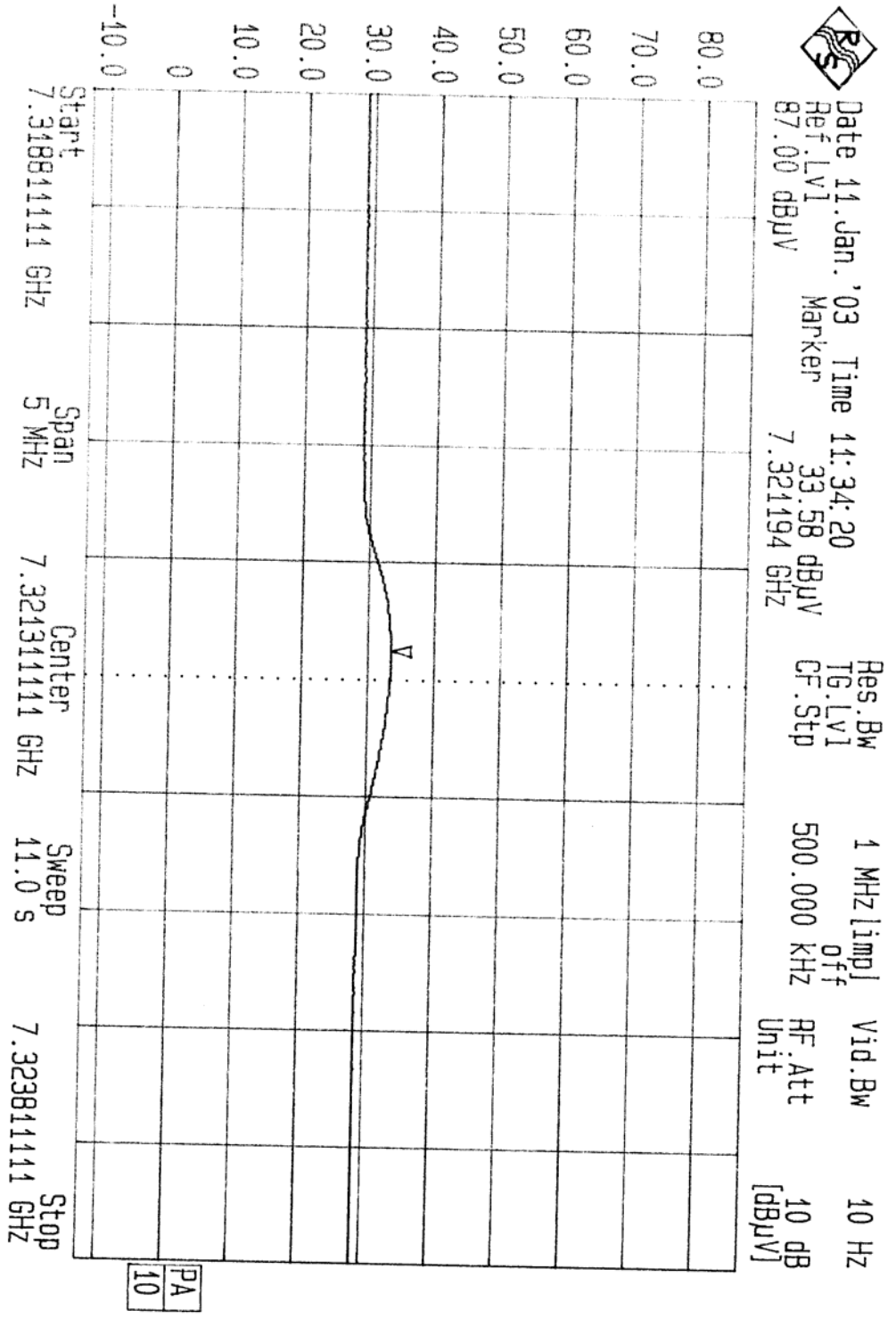


PA 10  
FI

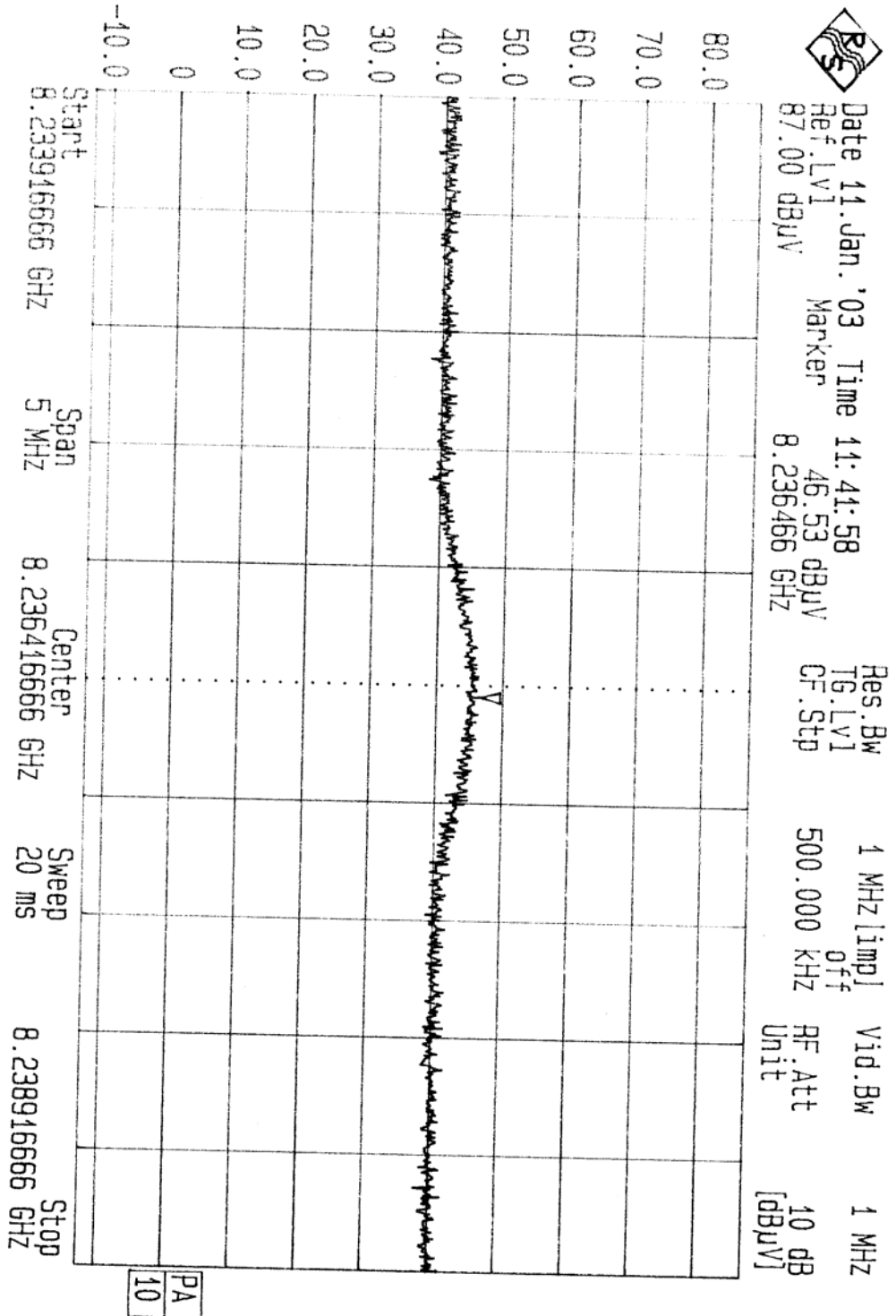




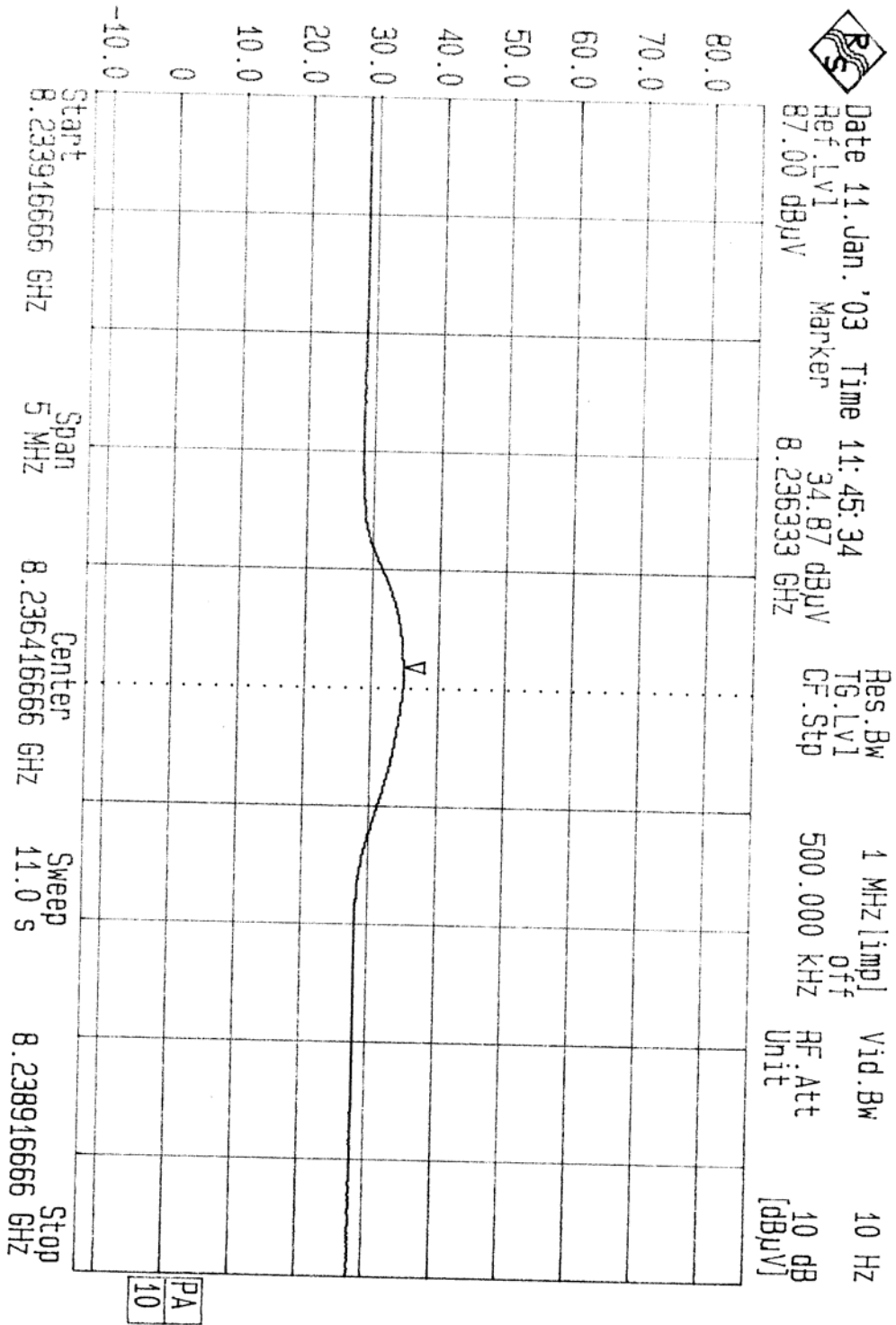


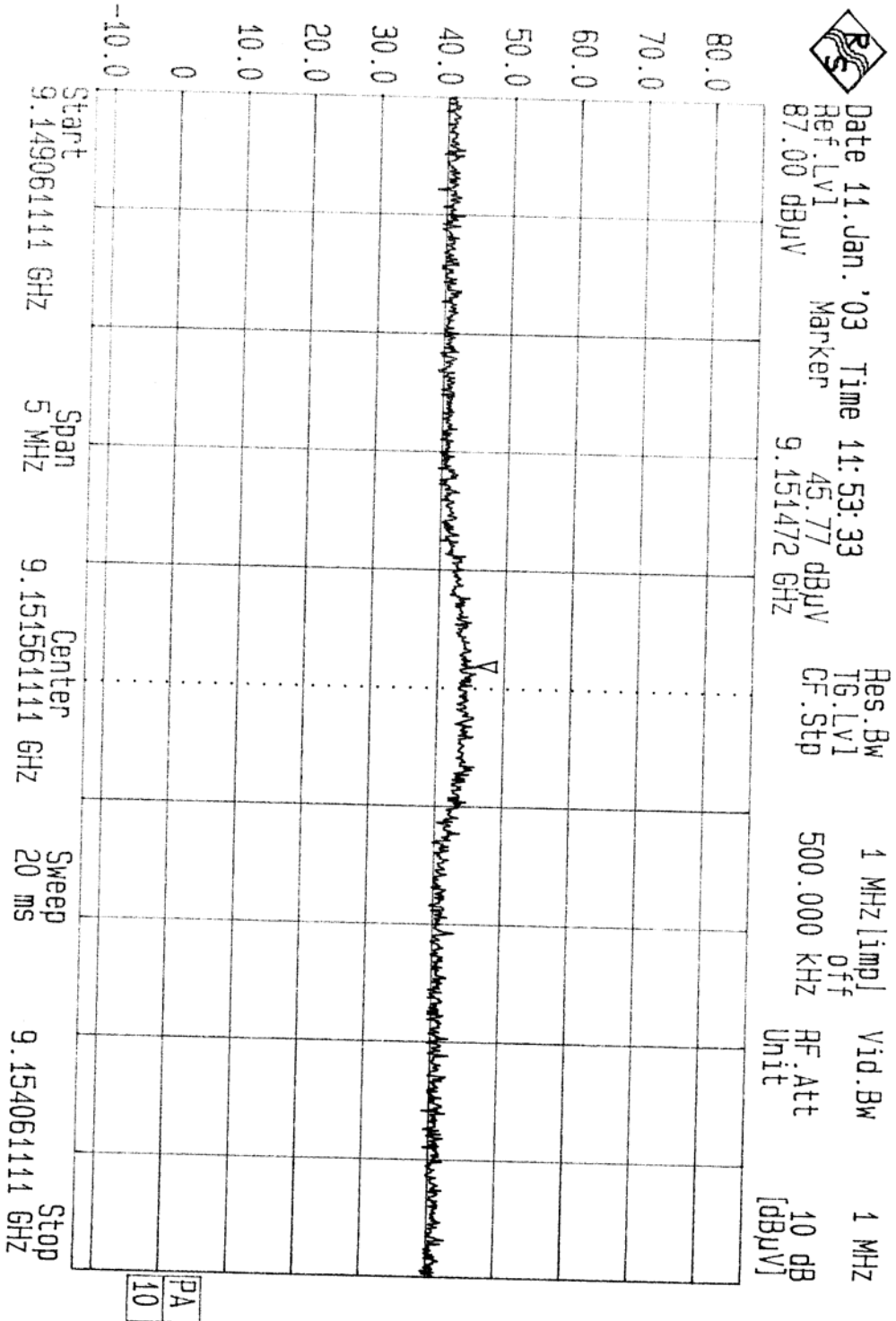


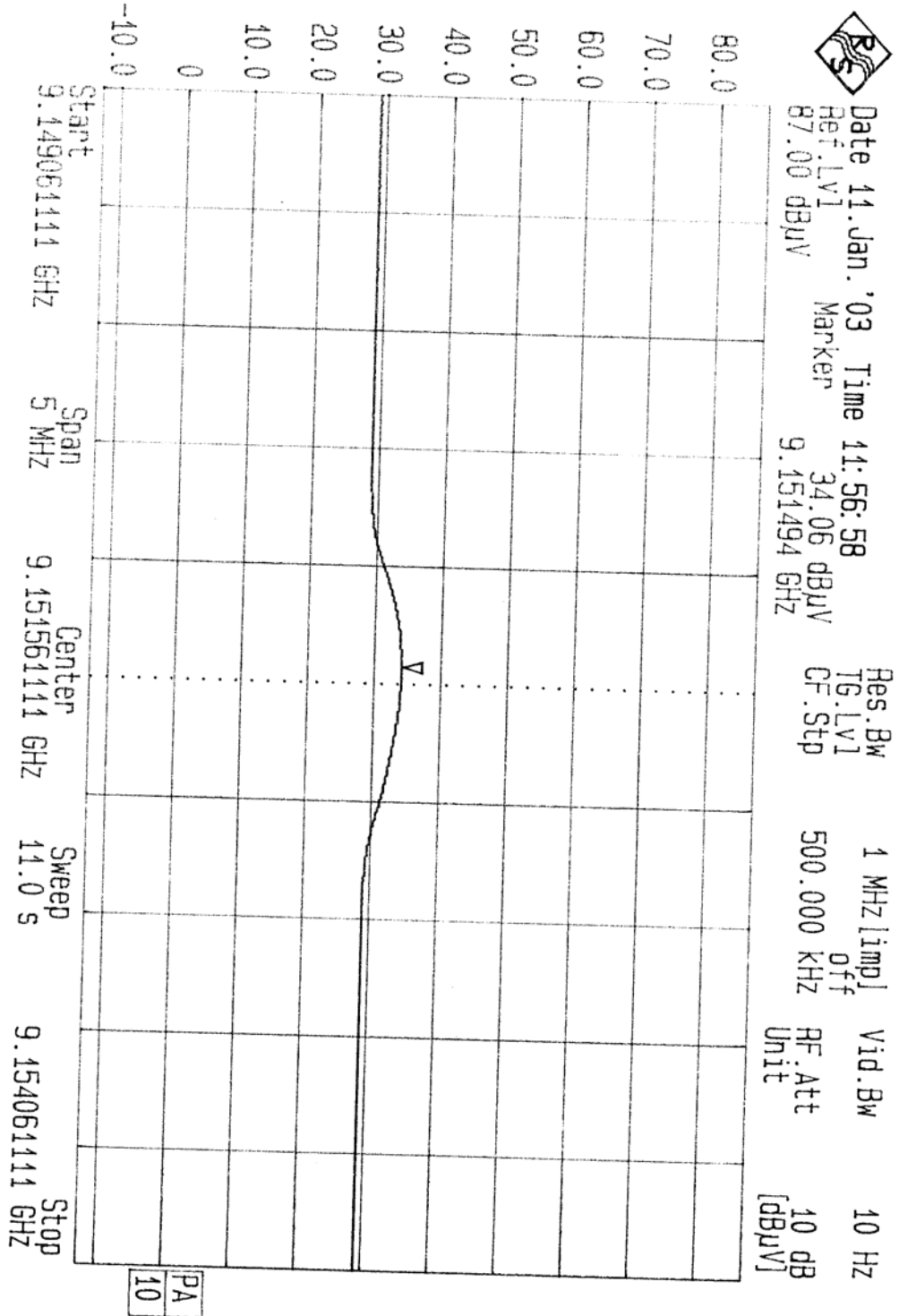




PA
10





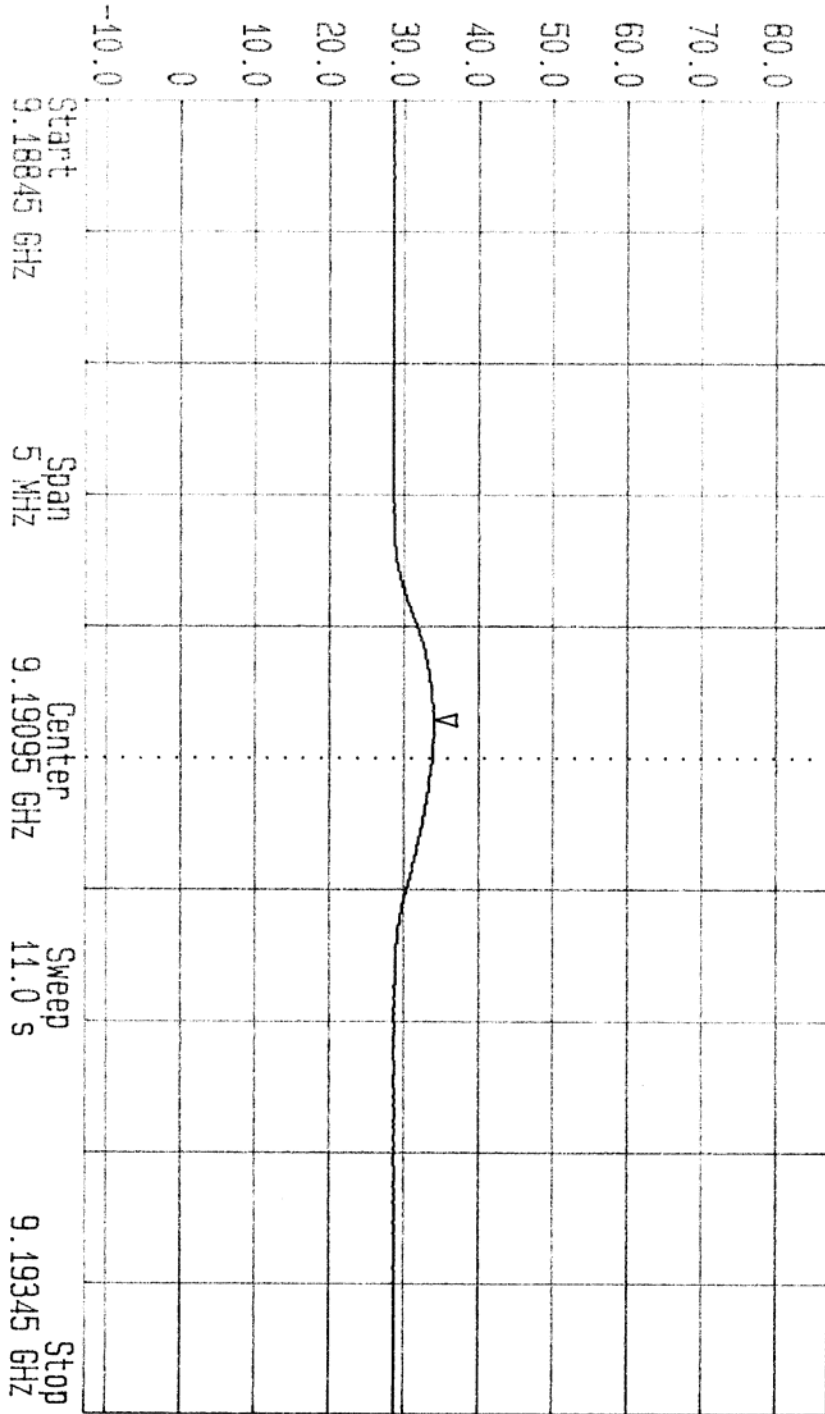


## High Channel



Date 11. Jan. '03 Time 12: 48: 40  
 Ref. Lvl 87.00 dBµV  
 Marker 34.01 dBµV  
 9.190811 GHz

Res. BW 1 MHz [imp]  
 TG. Lvl off  
 CF. Stp 500.000 KHz  
 Vid. BW 10 Hz  
 RF. Att  
 Unit [dBµV]

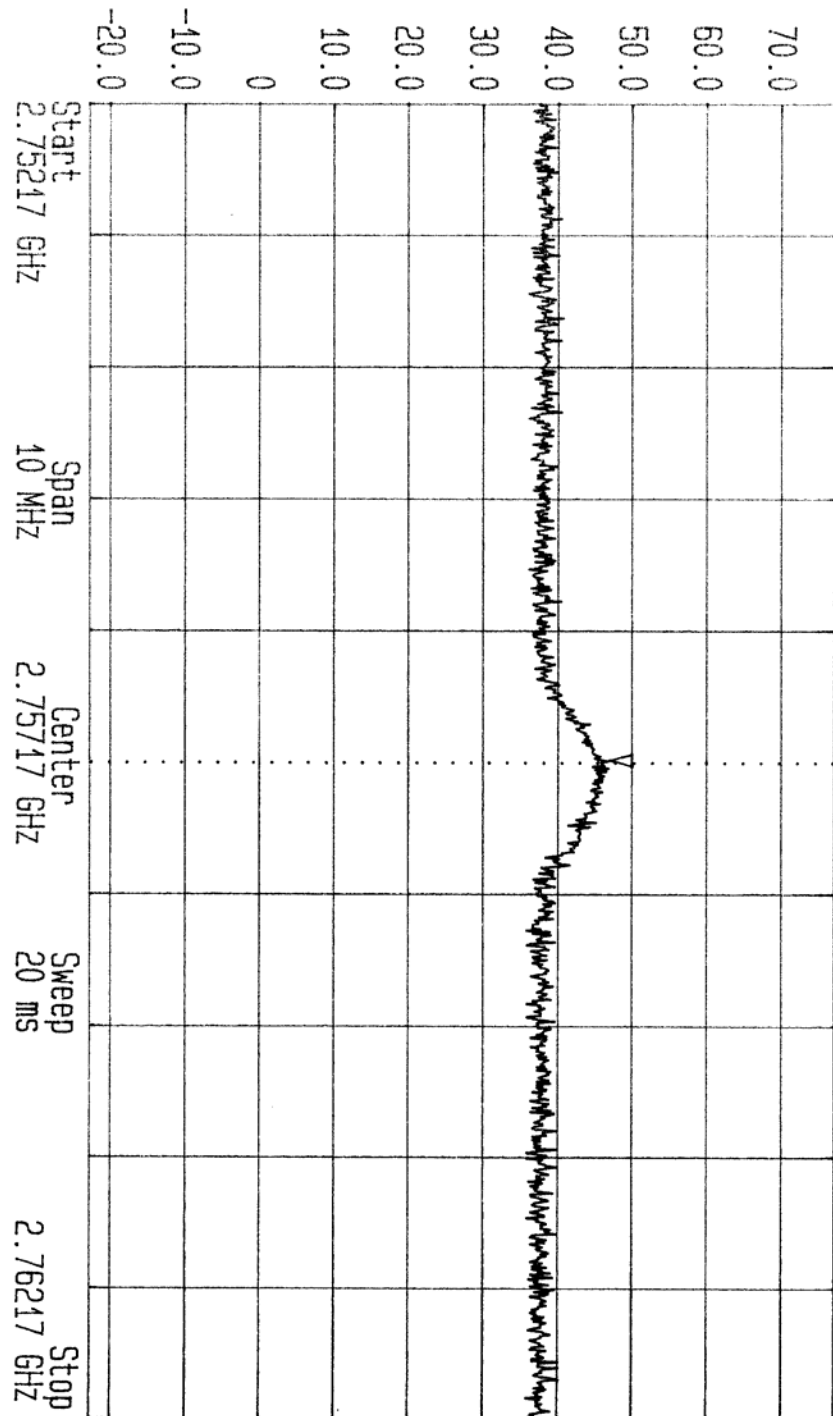


PA  
10

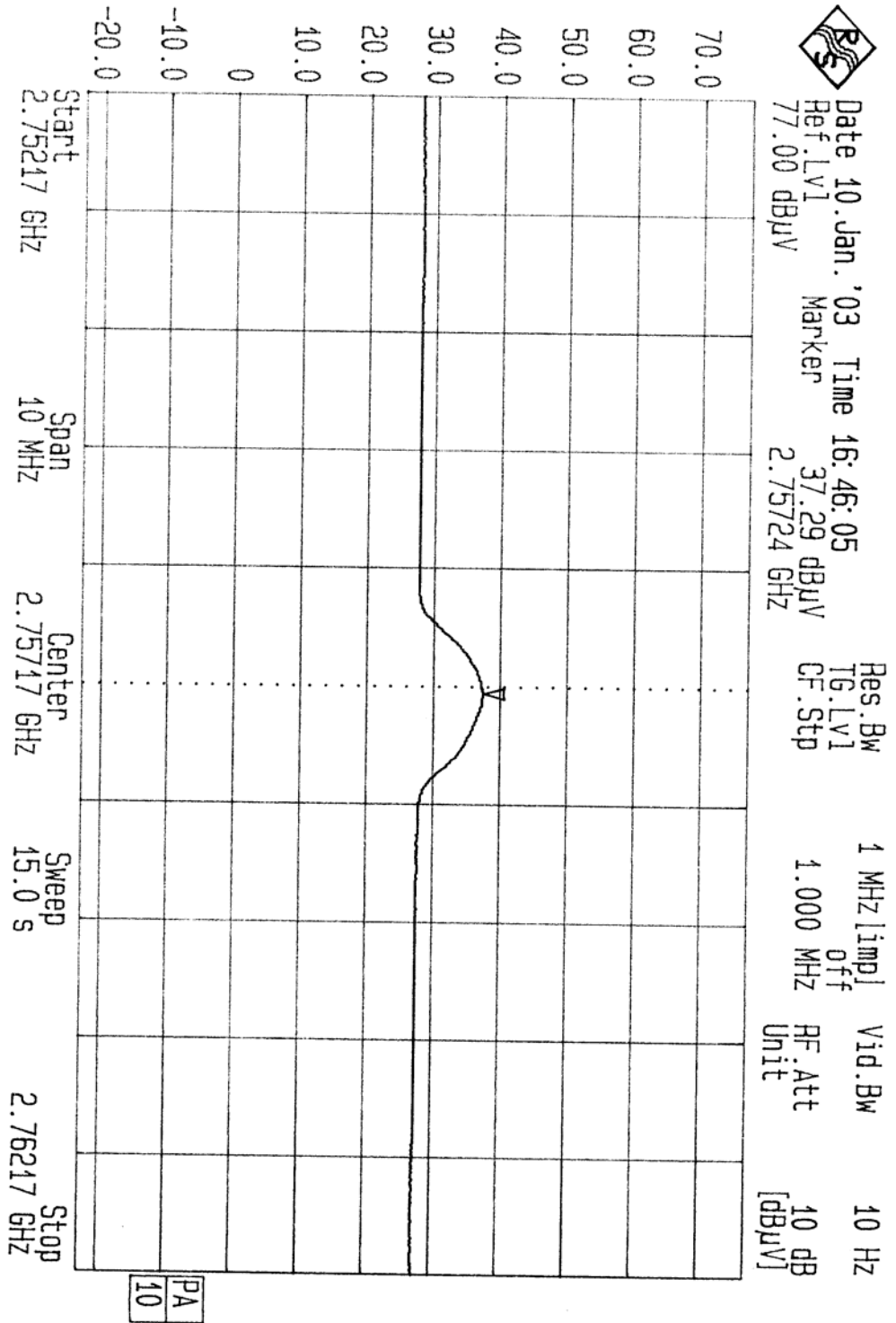


Date 10. Jan. '03 Time 16: 41: 33  
Ref. Lvl 77.00 dBµV  
Marker 46.96 dBµV  
2.75716 GHz

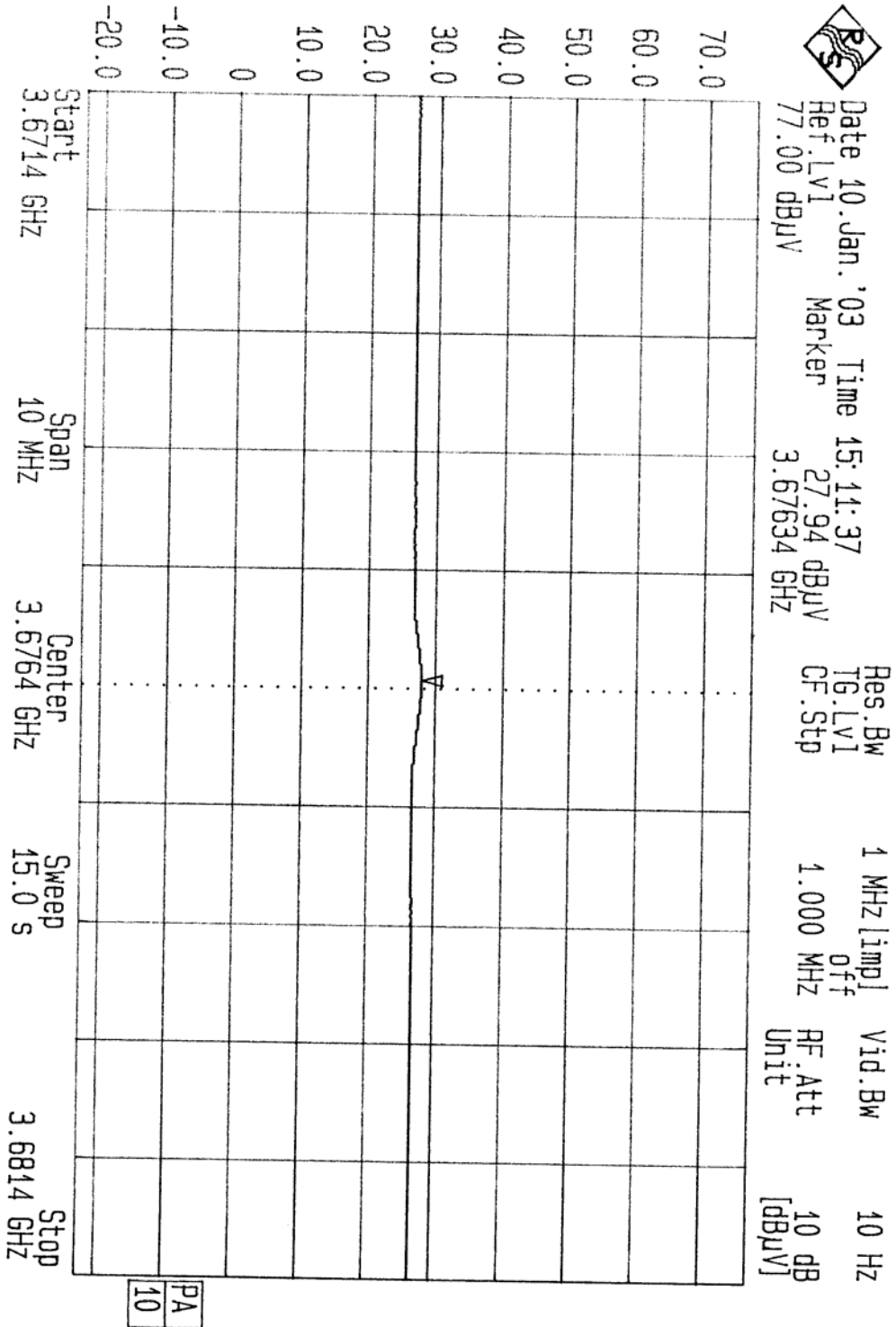
Res. Bw 1 MHz [imp]  
Tf. Lvl 1.000 MHz  
CF. Stp off  
Vid. Bw 1 MHz  
RF. Att Unit  
[dBµV]



PA  
10









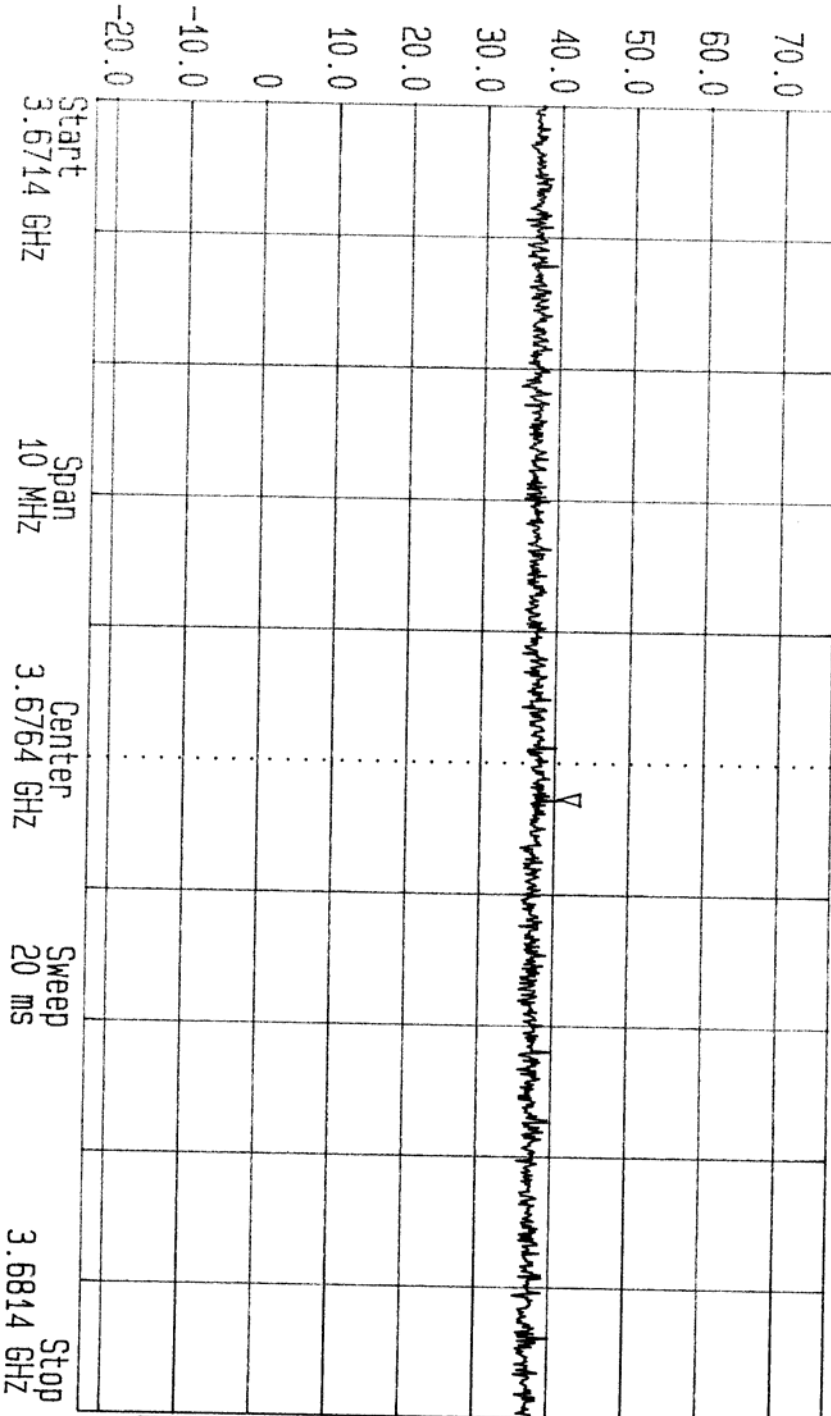
Date 10. Jan. '03 Time 15:07:12  
 Ref. Lvl 77.00 dBµV  
 Marker 40.41 dBµV  
 3.67668 GHz

Res. Bw 1 MHz  
 TG. Lvl 1  
 CF. Stp off

1 MHz [imp]

Vid. Bw 1 MHz  
 RF Att Unit

10 dB [dBµV]

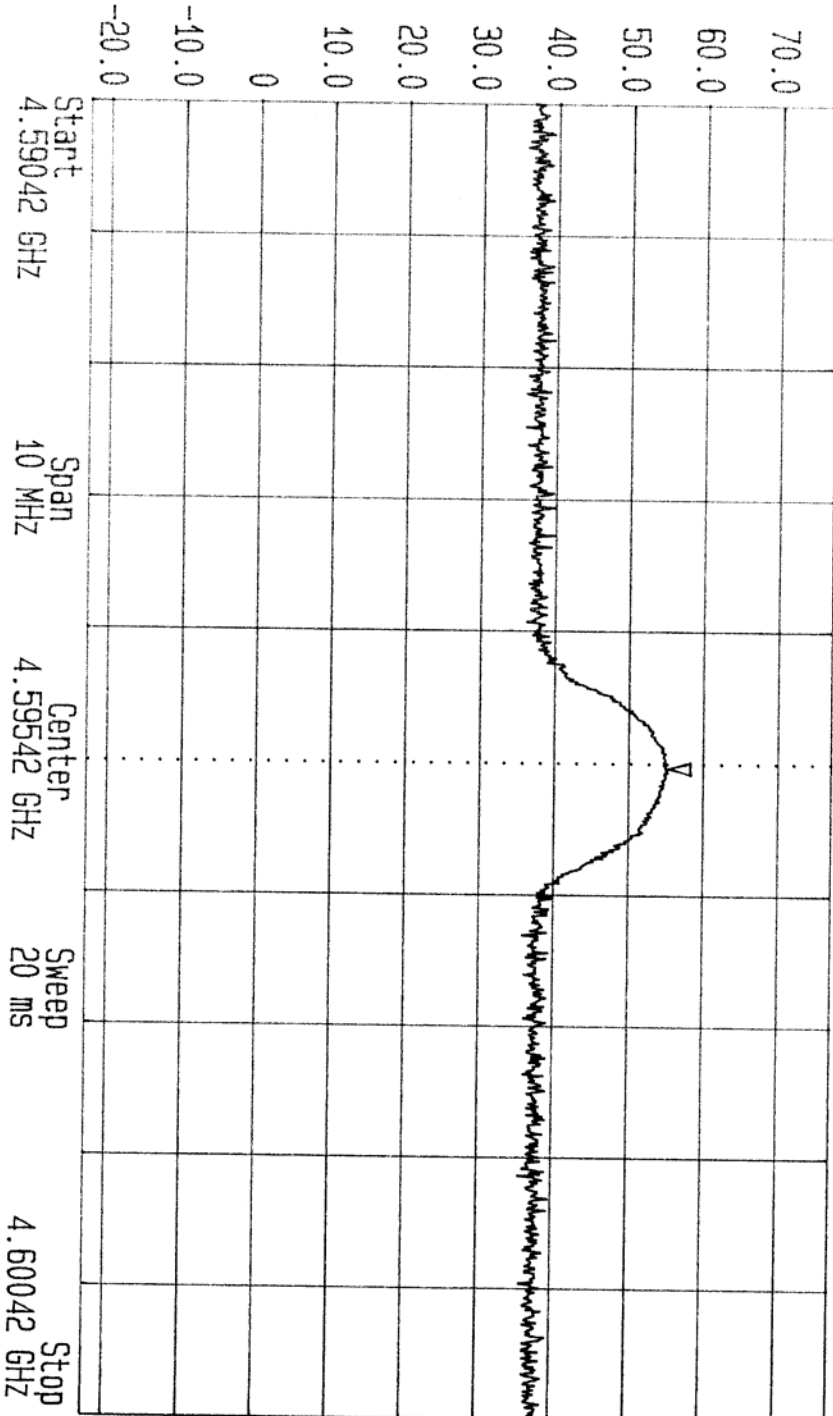


PA  
10

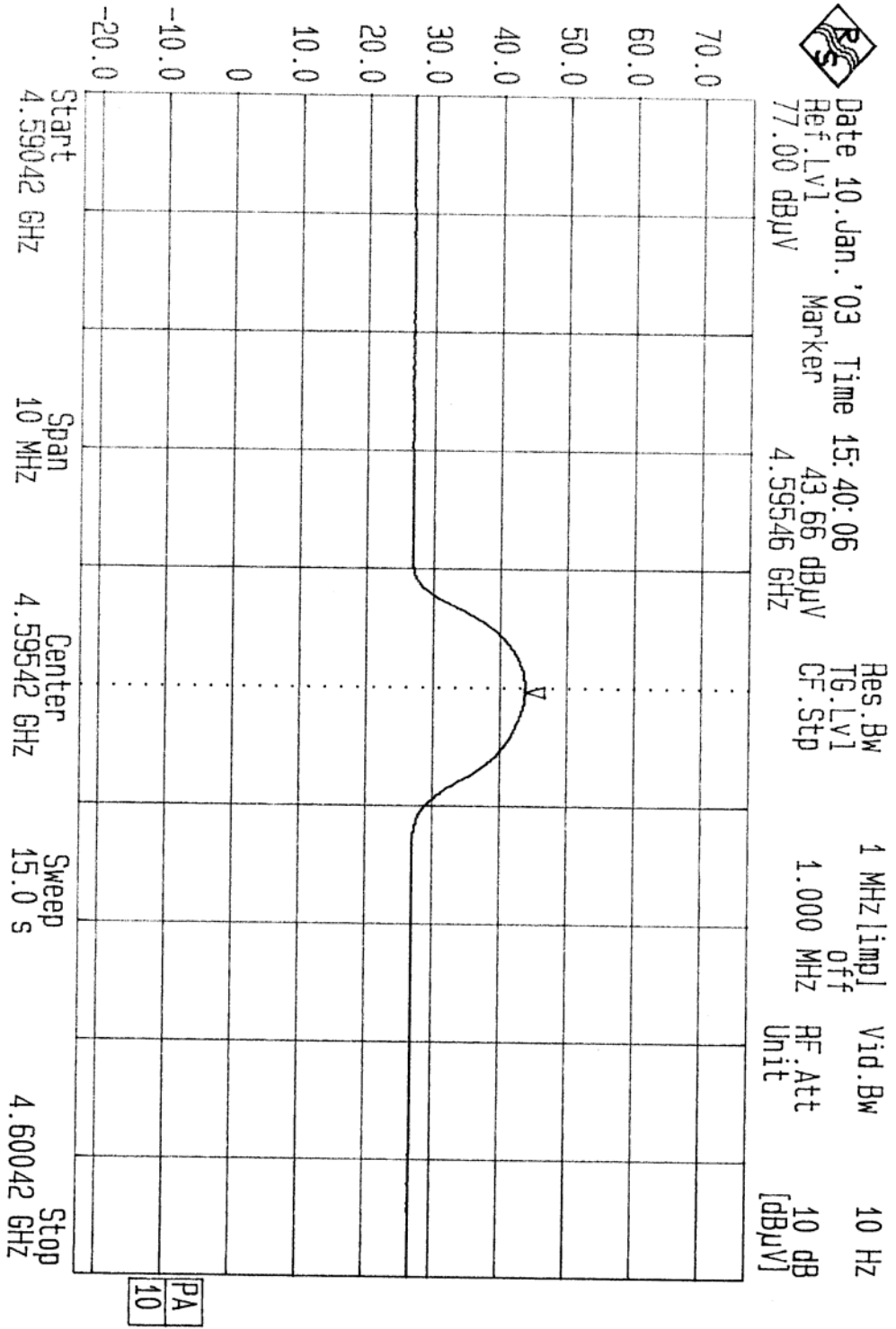


Date 10. Jan. '03 Time 15:36:11  
 Ref. Lvl 77.00 dBuV  
 Marker 55.06 dBuV  
 4.59546 GHz

Res. Bw 1 MHz [imp]  
 T6. Lvl 1.000 MHz  
 CF. Stp off  
 Vid. Bw 1 MHz  
 RF. Att 10 dB  
 Unit [dBuV]



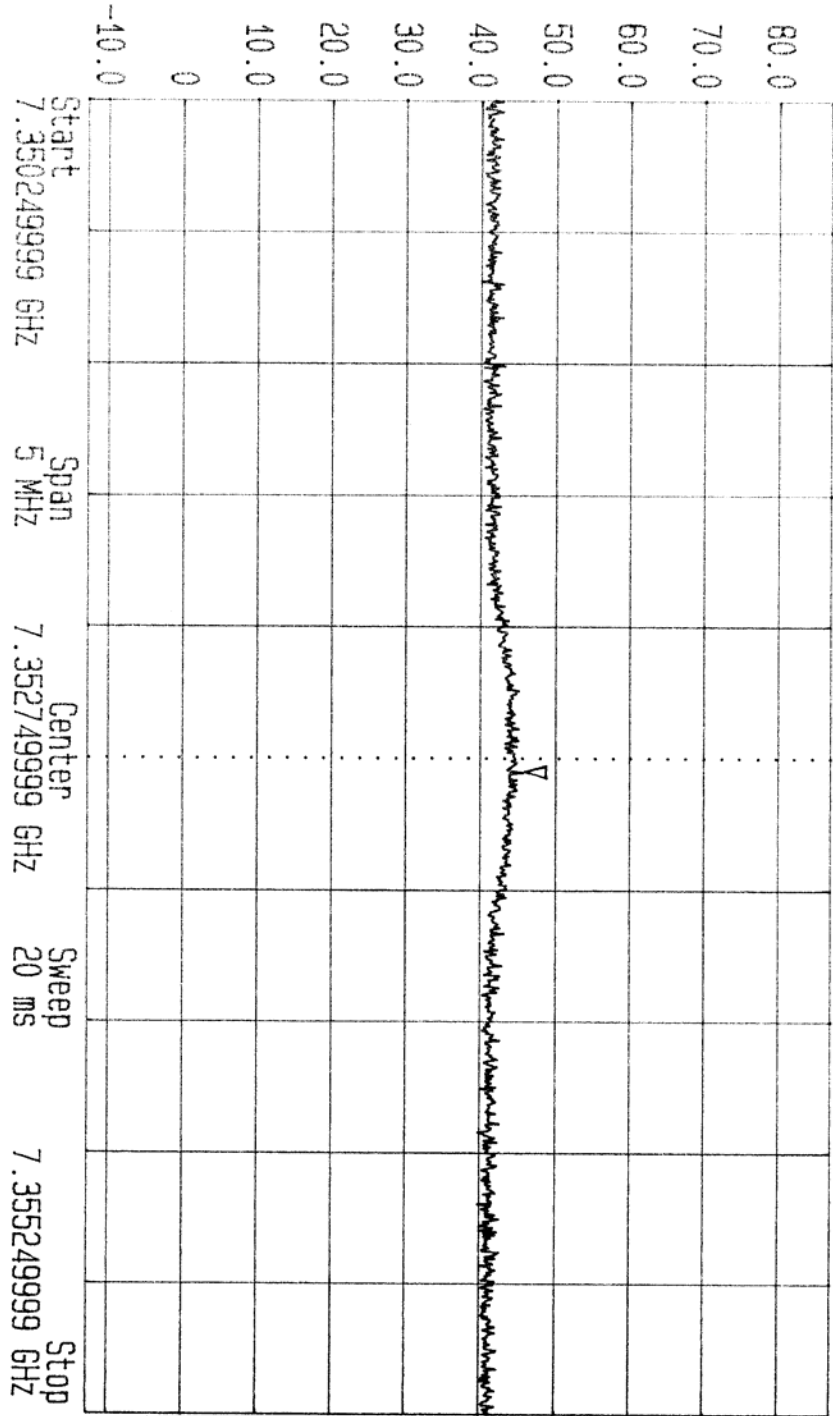
PA  
10



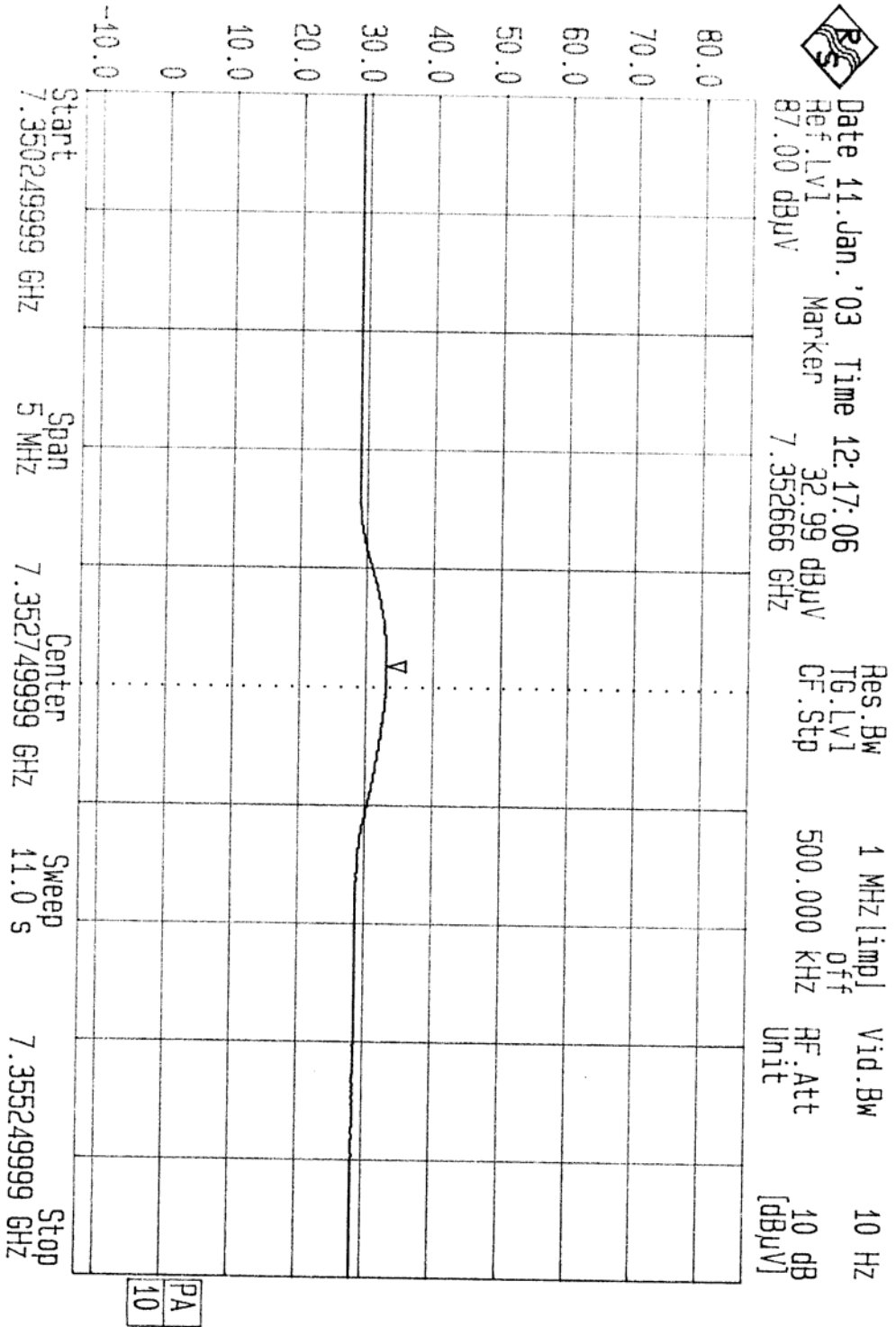


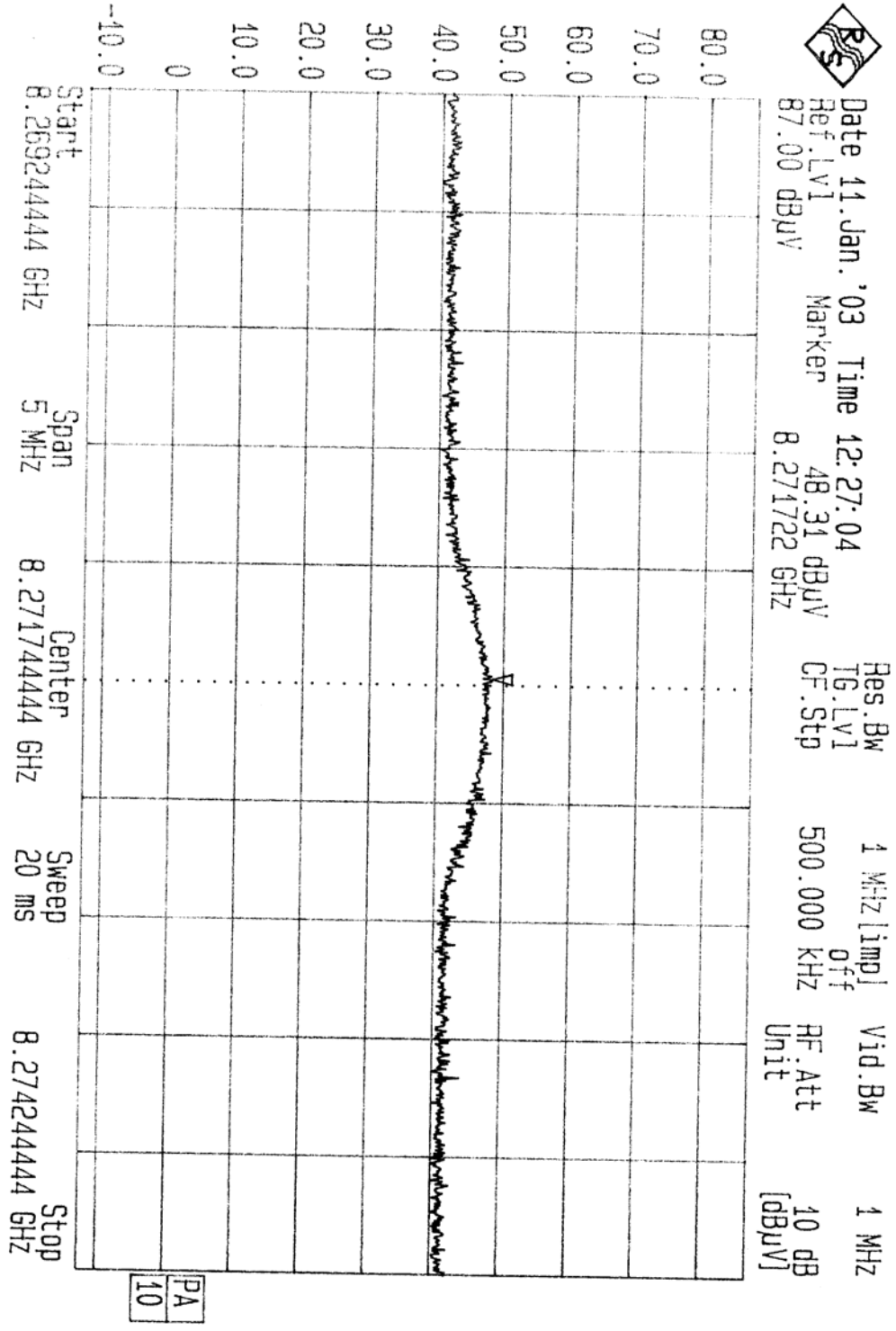
Date 11. Jan. '03 Time 12:13:27  
 Ref. Lvl 87.00 dBµV Marker 45.72 dBµV  
 7.352805 GHz

Res. Bw 1 MHz [imp]  
 Tg. Lvl 16. Lvl 1  
 CF. Stp 500.000 KHz  
 Vid. Bw 1 MHz  
 RF Att 10 dB  
 Unit [dBµV]

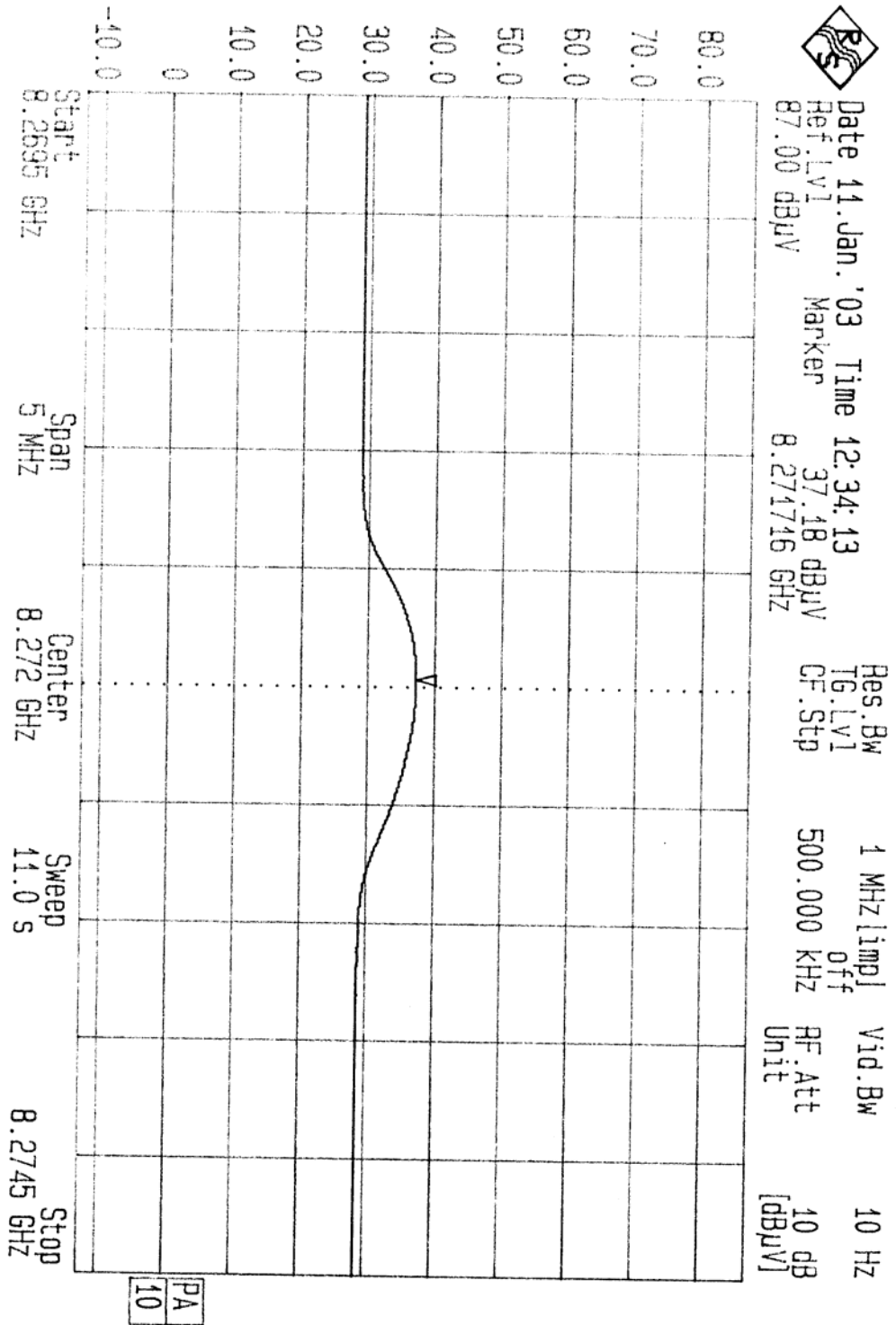


PA  
10





PA  
10

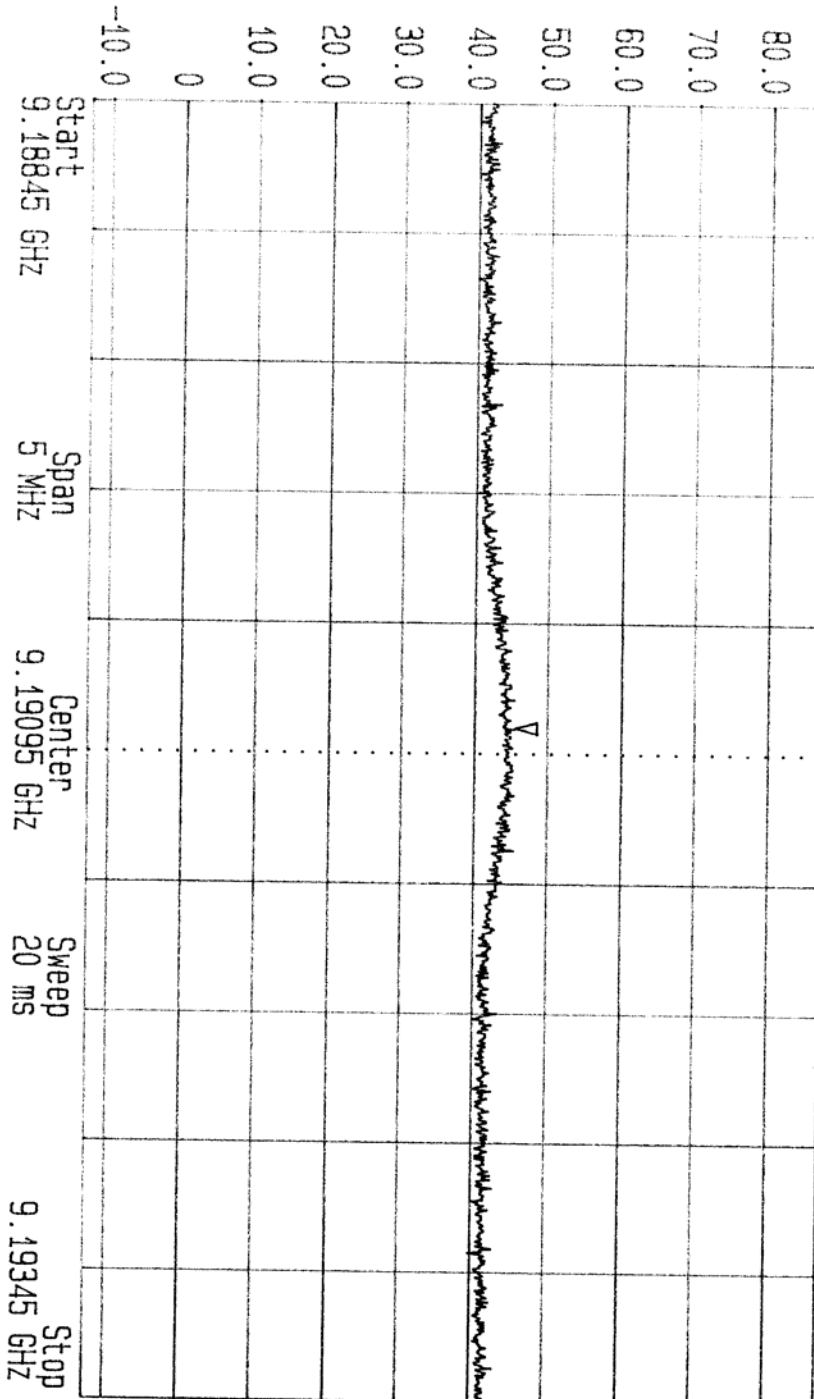






Date 11. Jan. '03 Time 12: 44: 32  
Ref. Lvl 87.00 dBuV  
Marker 9.190855 GHz

Res. BW 1 MHz [imp]  
TG. Lvl 45.56 dBuV  
CF. Stp 500.000 KHz  
Vid. BW 1 MHz  
RF. Att 10 dB  
Unit [dBuV]



PA  
10