

FCC Part 15.247 Certification **Test Report**

FCC ID: R32-RFM100

FCC Rule Part: 15.247

ACS Report Number: 04-0096-15C

Manufacturer: Onity, Inc.
Equipment Type: Modular Radio
Model: RFM100

Conducted Spurious Emissions

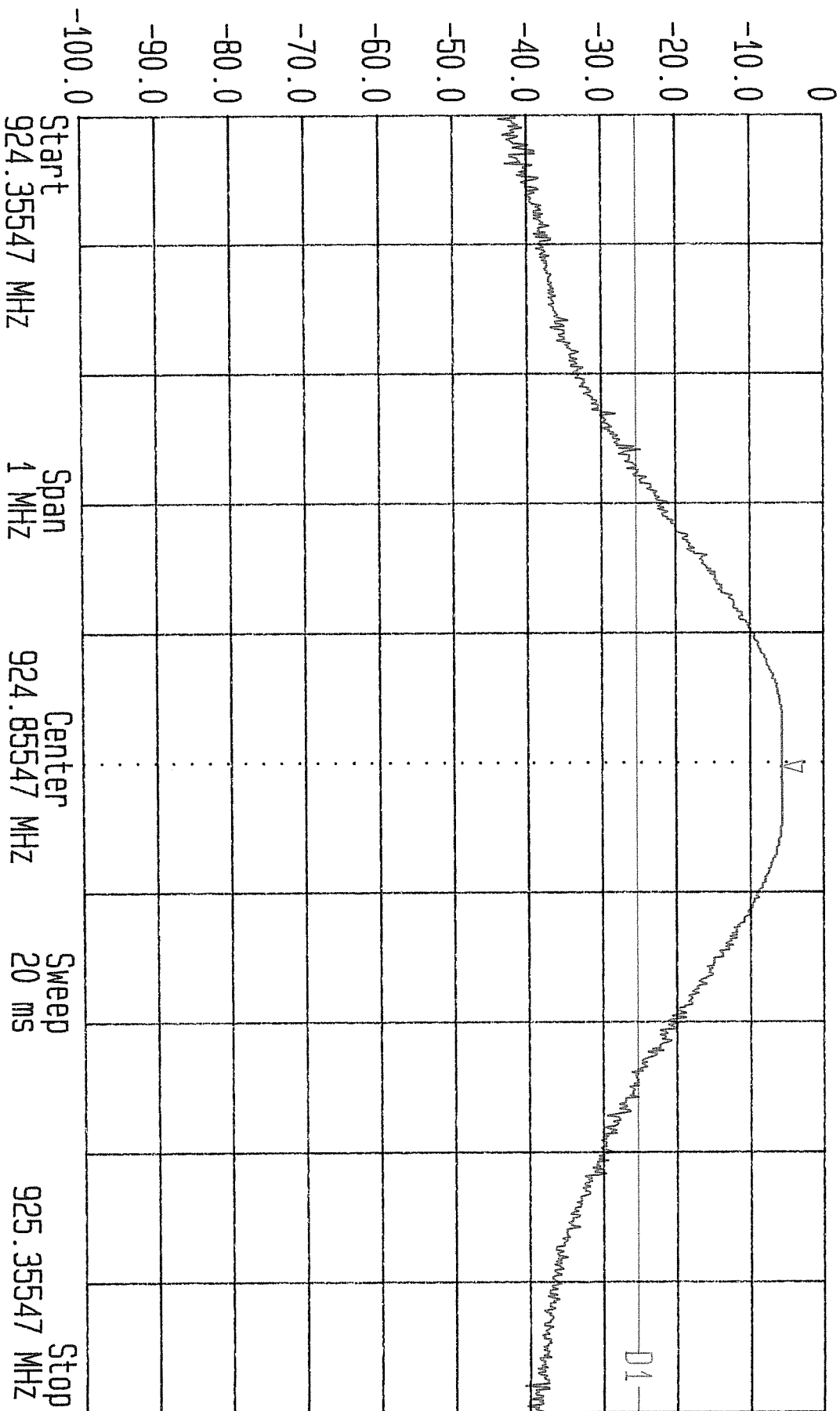
Conducted Spurious Emissions

High Channel



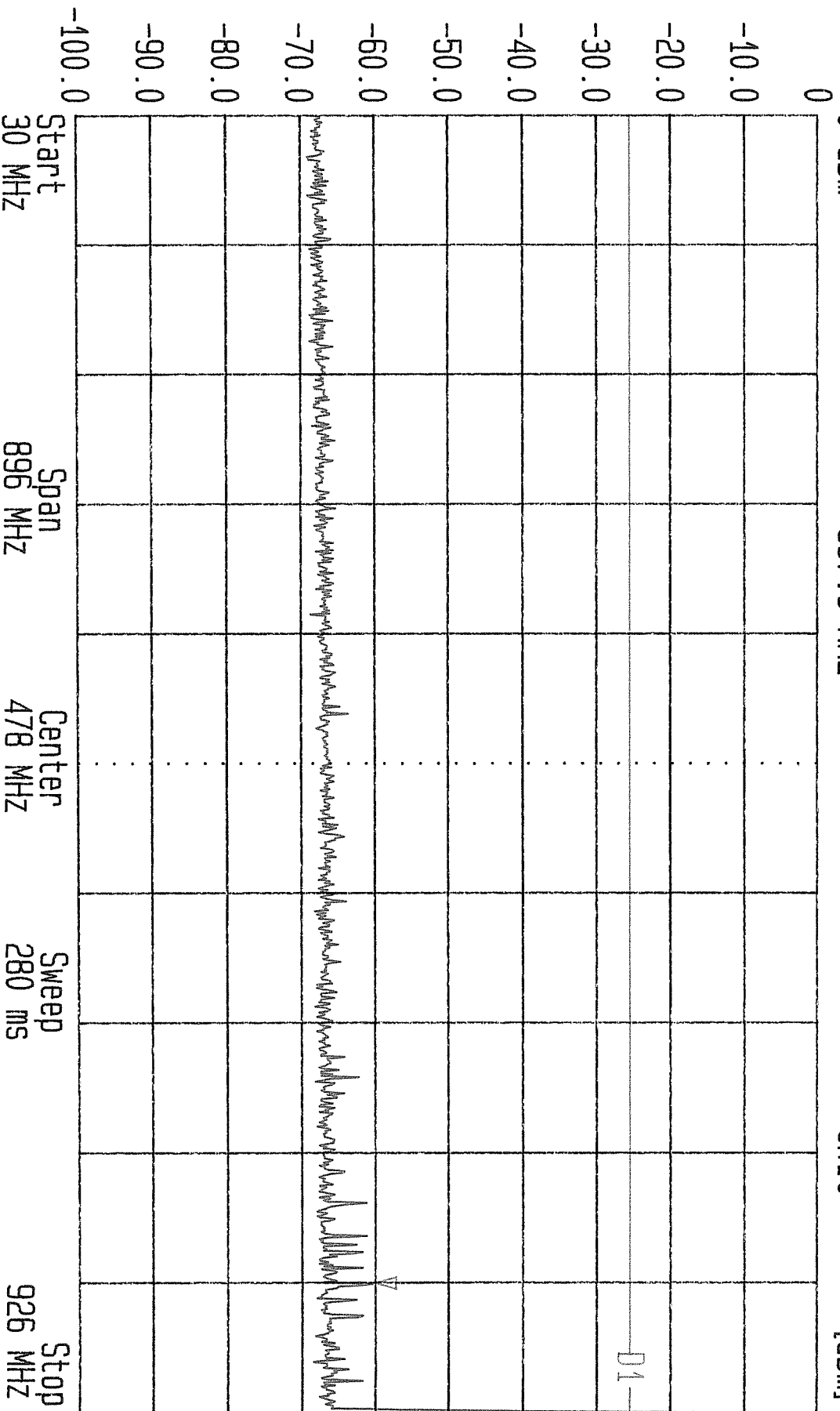
Date 15.Mar.'87 Time 11:10:46
Ref.Lvl 0 dBm Marker -5.58 dBm
924.859 MHz

Res.Bw 100.0 KHz [3dB]
TG.Lvl off
CF.Stp 100.000 KHz
Vid.Bw 300 KHz
RF.Att 30 dB
Unit [dBm]





Date 15.Mar.'87 Time 11:14:23 Res.Bw 100.0 kHz [3dB] Vid.Bw 300 kHz
Ref.Lvl 0 dBm Marker -59.97 dBm CF.Stp 16.Lvl off 89.600 MHz RF.Att 30 dB
837.3 MHz Unit [dBm]

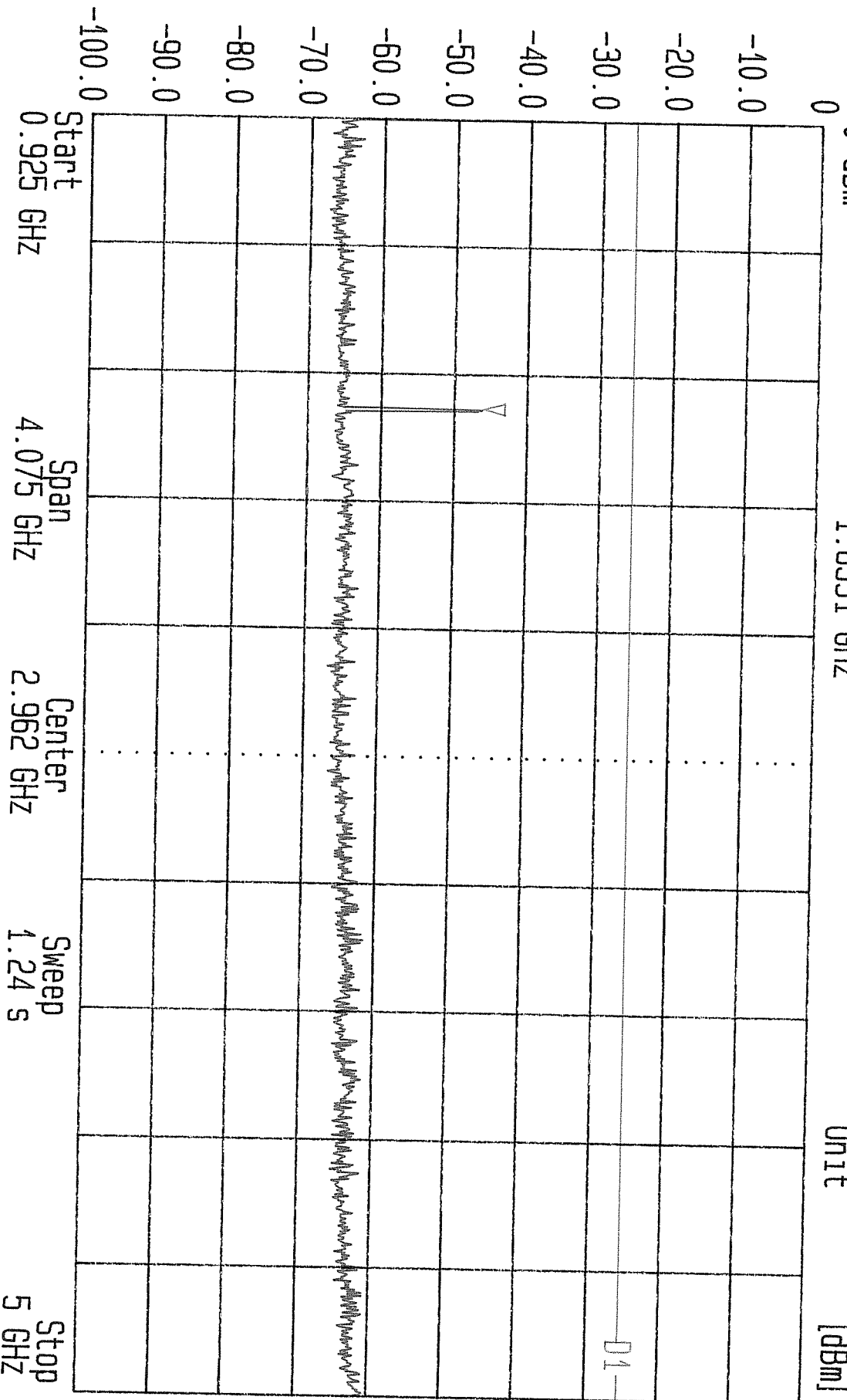




Date 15.Mar.'87 Time 11:18:21
Ref.Lvl 0 dBm
Marker -45.68 dBm
1.8531 GHz

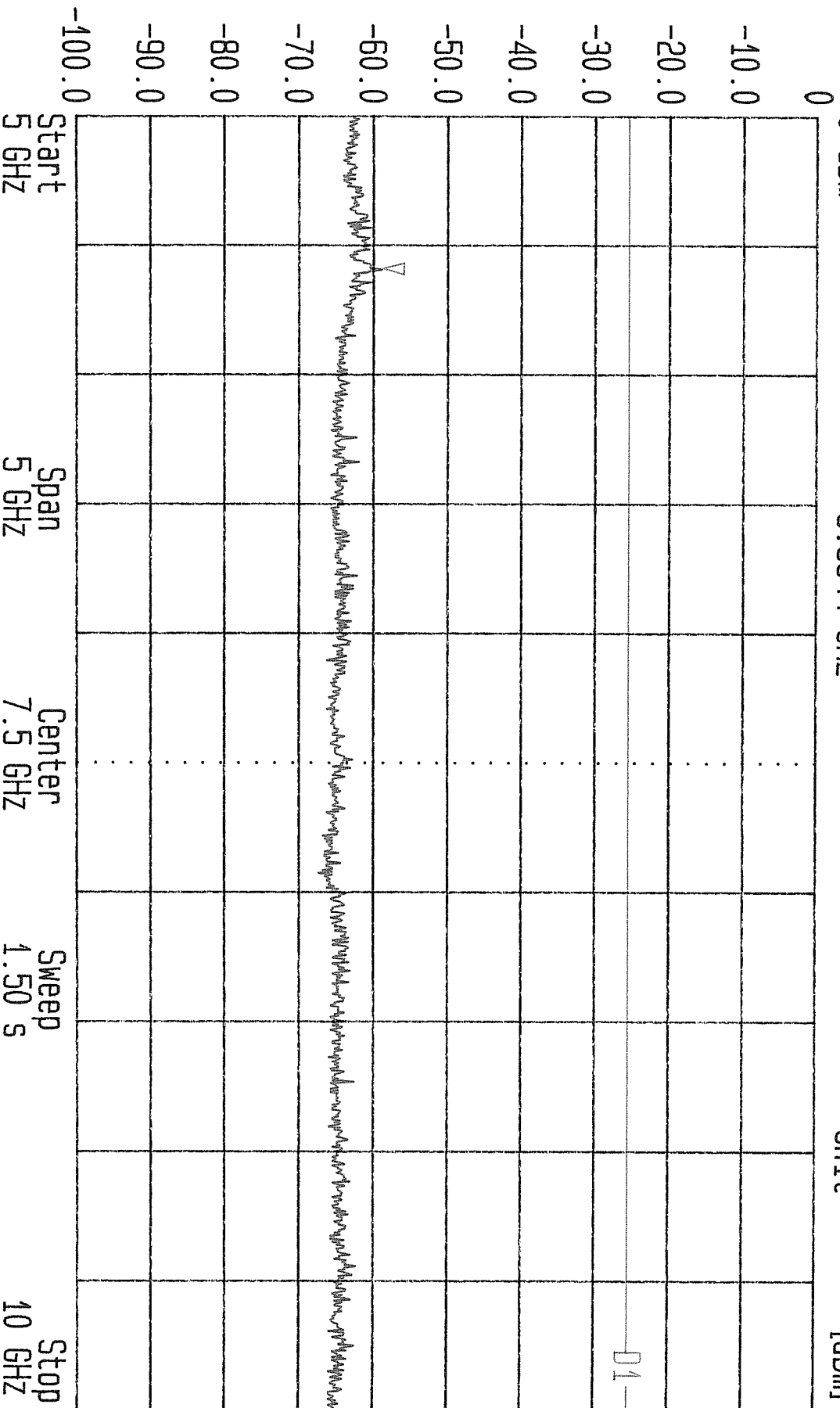
Res.Bw 100.0 kHz [3dB]
TG.Lvl off
CF.Stp 407.500 MHz

Vid.Bw 300 kHz
RF.Att 30 dB
Unit [dBm]





Date 15.Mar.'87 Time 11:22:07 Res.Bw 100.0 kHz [3dB] Vid.Bw 300 kHz
Ref.Lvl 0 dBm Marker -58.43 dBm TG.Lvl 1 RF.Att 30 dB
5.5944 GHz CF.Stp off 500.000 MHz Unit [dBm]

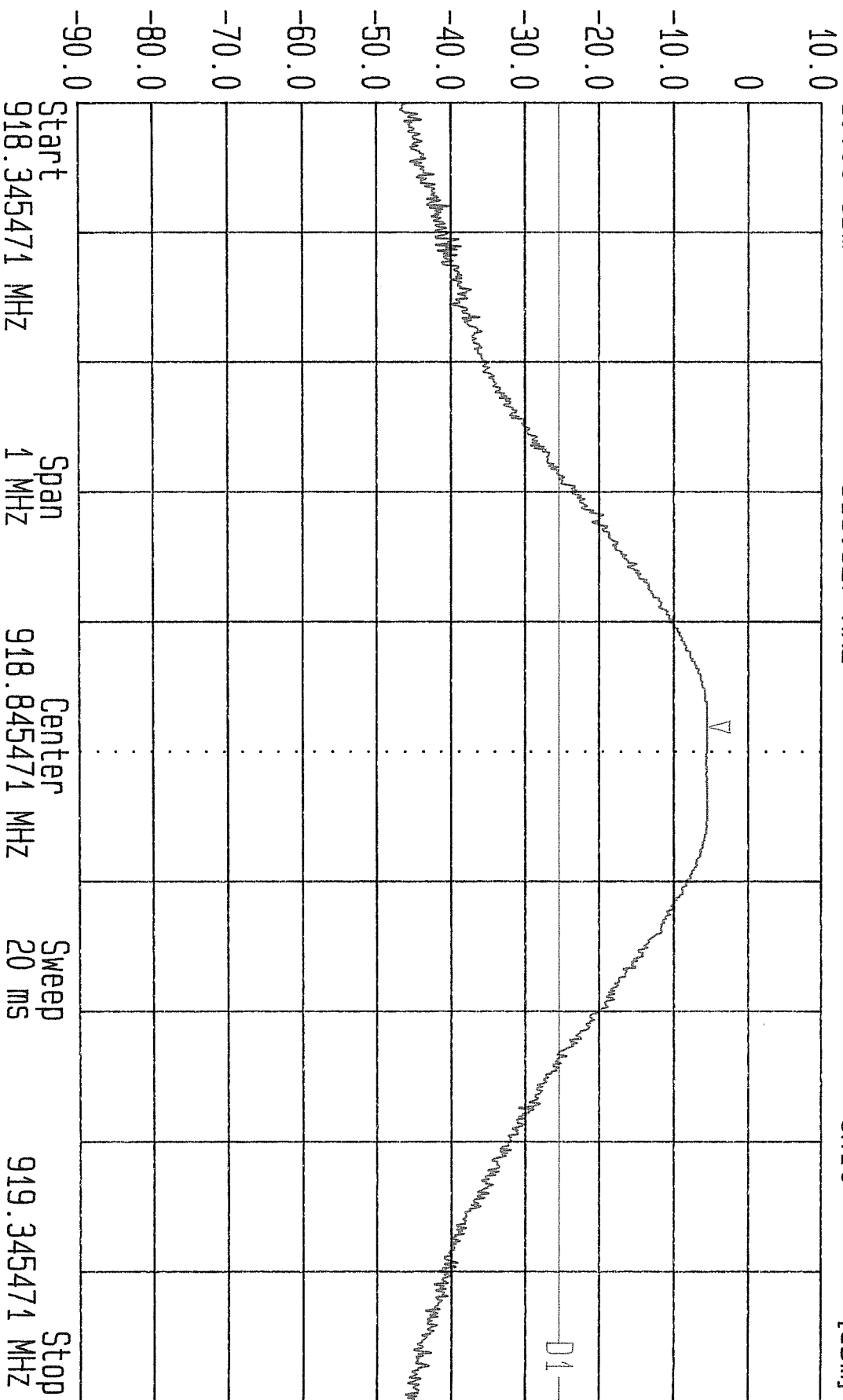


Conducted Spurious Emissions

Mid Channel

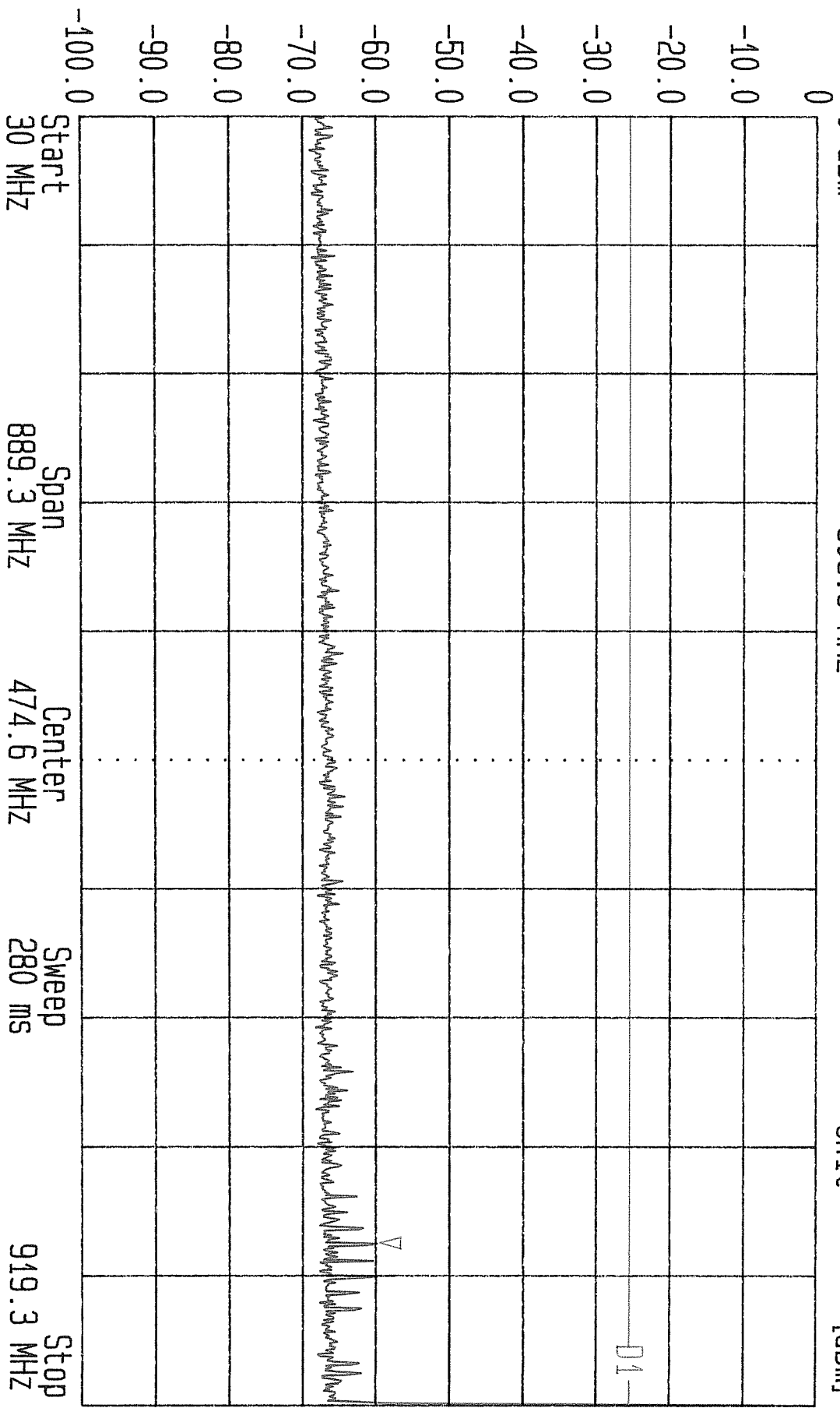


Date 15.Mar.'87 Time 10:47:56 Res.Bw 100.0 KHz [3dB] Vid.Bw 300 KHz
Ref.Lvl 10.00 dBm Marker -5.13 dBm TG.Lvl off RF.Att 40 dB
918.827 MHz CF.Stp 100.000 KHz Unit [dBm]



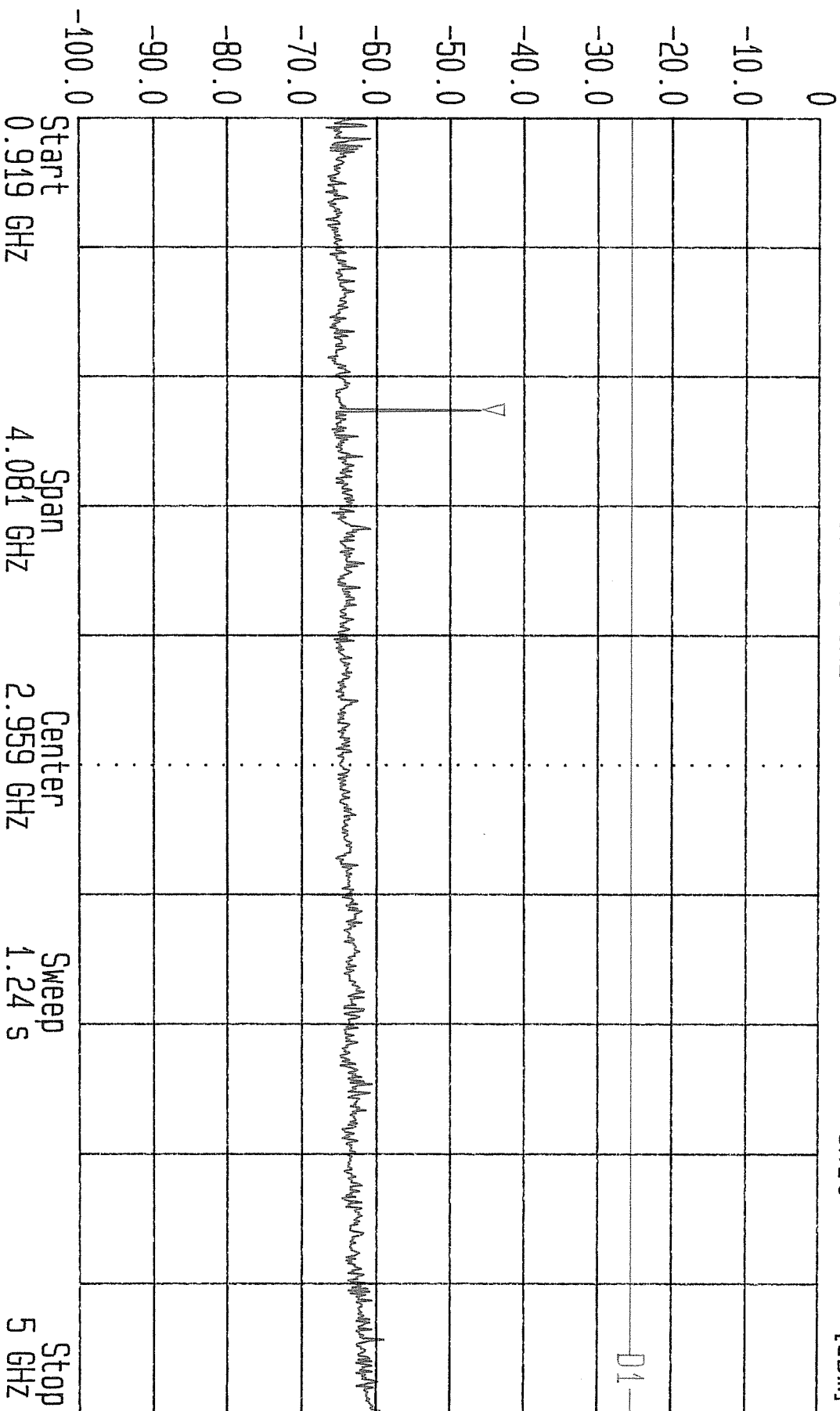


Date 15. Mar. '87 Time 10:52:37 Res. Bw 100.0 kHz [3dB] Vid. Bw 300 kHz
Ref. Lvl 0 dBm Marker -59.21 dBm TG. Lvl off RF. Att 30 dB
808.6 MHz CF. Stp 88.934 MHz Unit [dBm]



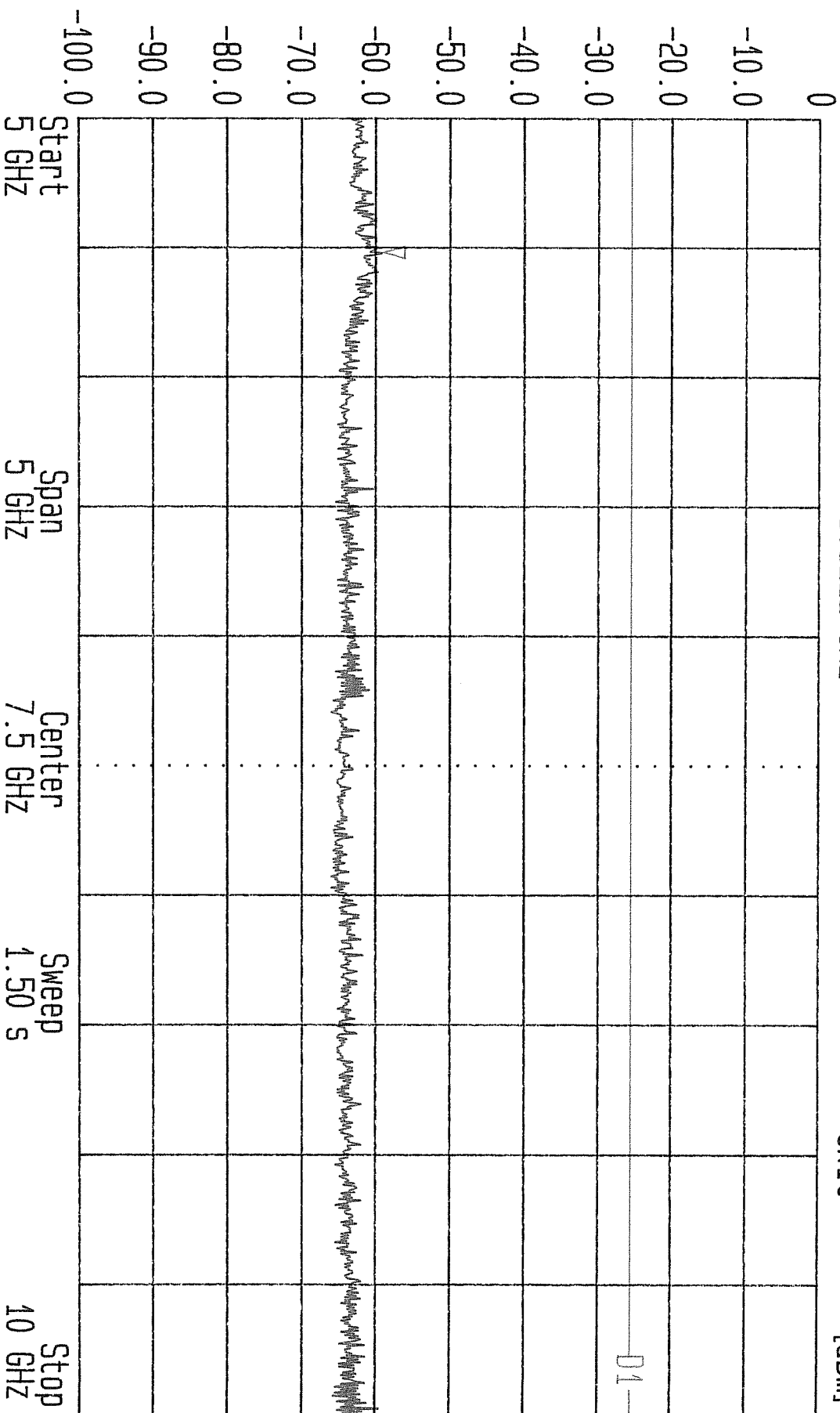


Date 15.Mar.'87 Time 10:56:09 Res.Bw 100.0 KHz [3dB] Vid.Bw 300 KHz
Ref.Lvl Marker -45.50 dBm TG.Lvl off RF.Att 30 dB
0 dBm 1.8440 GHz CF.Stp 408.100 MHz Unit [dBm]





Date 15.Mar.'87 Time 11:01:09 Res.Bw 100.0 kHz [3dB] Vid.Bw 300 kHz
Ref.Lvl 0 dBm Marker -58.86 dBm TG.Lvl off RF.Att 30 dB
5.5222 GHz CF.Stp 500.000 MHz Unit [dBm]

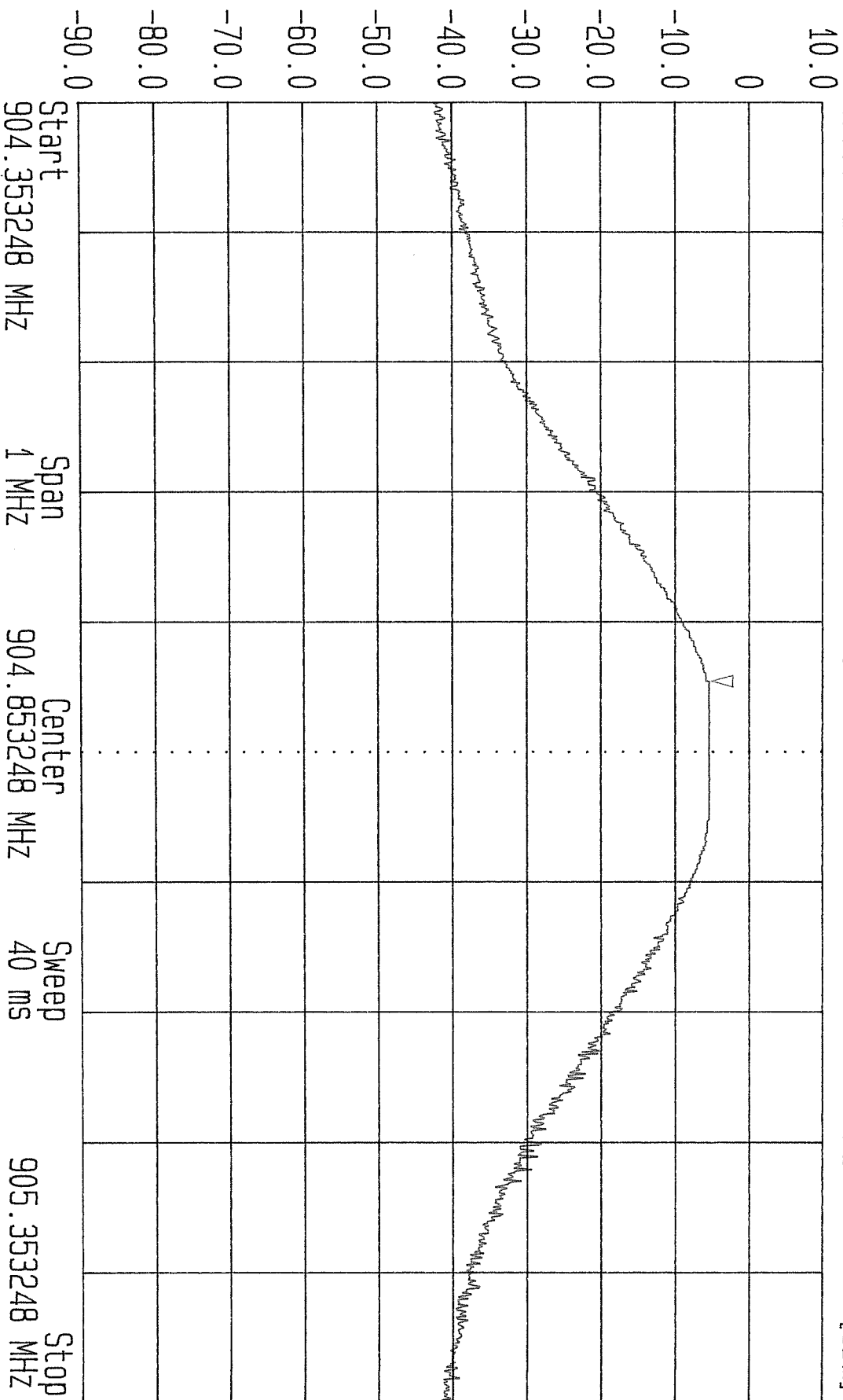


Conducted Spurious Emissions

Low Channel

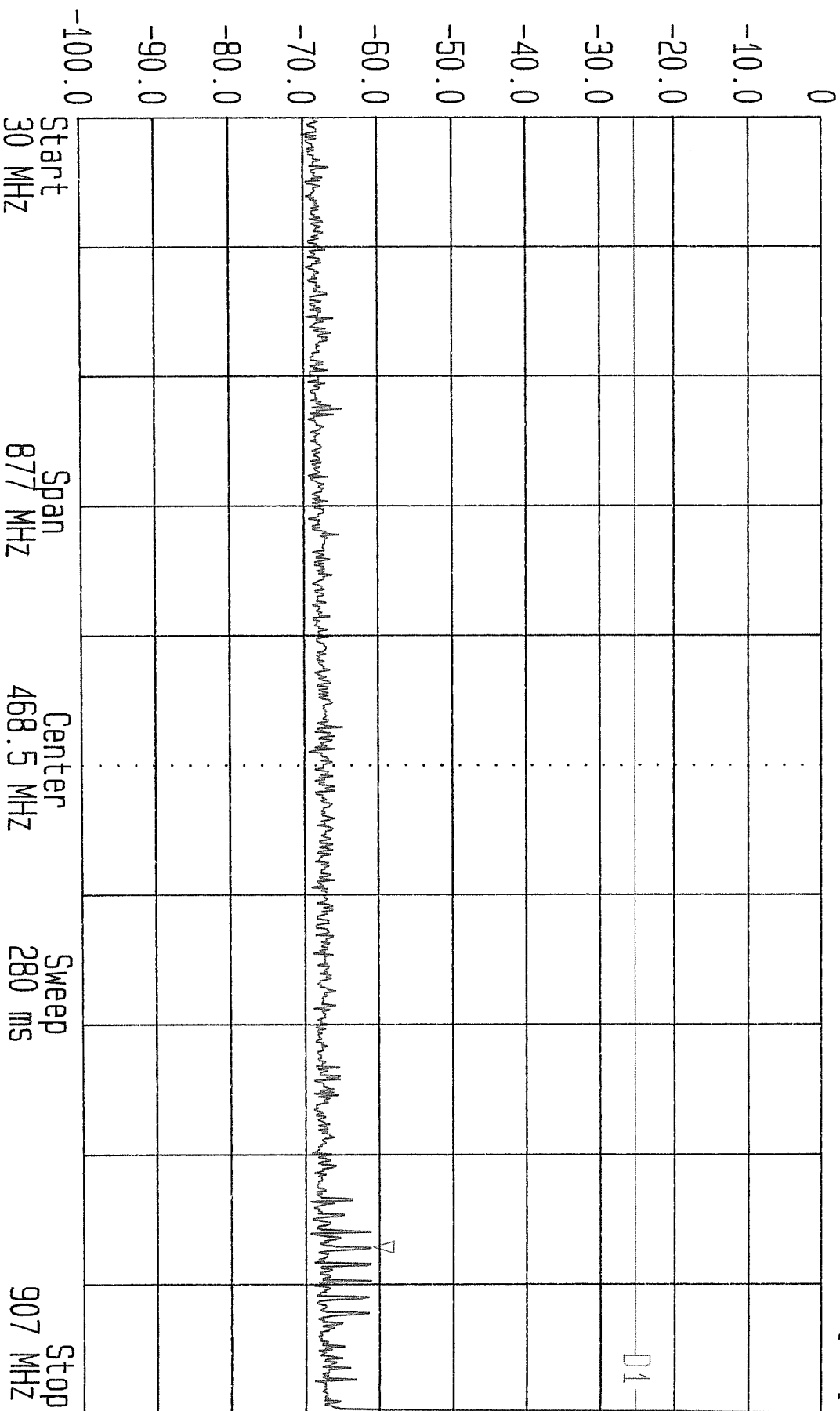


Date 15.Mar.'87 Time 10:17:41 Res.Bw 100.0 KHz [3dB] Vid.Bw 300 KHz
Ref.Lvl 10.00 dBm Marker -4.90 dBm TG.Lvl 100.00 dBm RF.Att 40 dB
Unit [dBm]



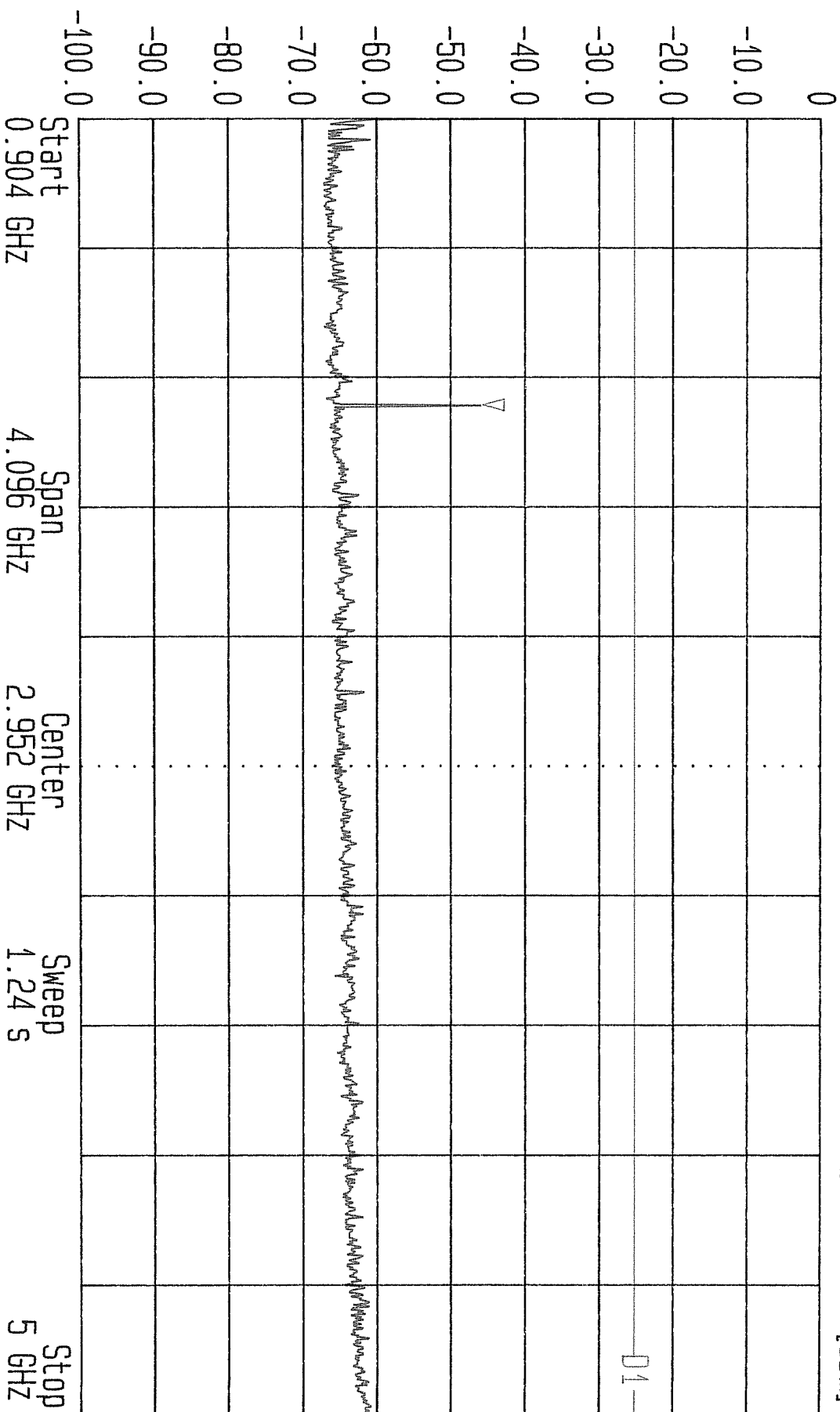


Date 15. Mar. '87 Time 10:23:44 Res. Bw 100.0 kHz [3dB] Vid. Bw 100 kHz
Ref. Lvl 0 dBm Marker -60.63 dBm CF. Stp 87.700 MHz RF. Att 30 dB
Unit [dBm]





Date 15.Mar.'87 Time 10:27:11 Res.Bw 100.0 KHz [3dB] Vid.Bw 100 KHz
Ref.Lvl 0 dBm Marker -45.30 dBm TG.Lvl -20.00 dBm RF.Att 30 dB
1.8142 GHz CF.Stp 409.600 MHz Unit [dBm]





Date 15.Mar.'87 Time 10:42:45
Ref.Lvl 0 dBm Marker -60.99 dBm
5.5666 GHz

Res.Bw 100 kHz [imp]
TG.Lvl off
CF.Stp 500.000 MHz
Vid.Bw 100 kHz
RF.Att 30 dB
Unit [dBm]

