

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

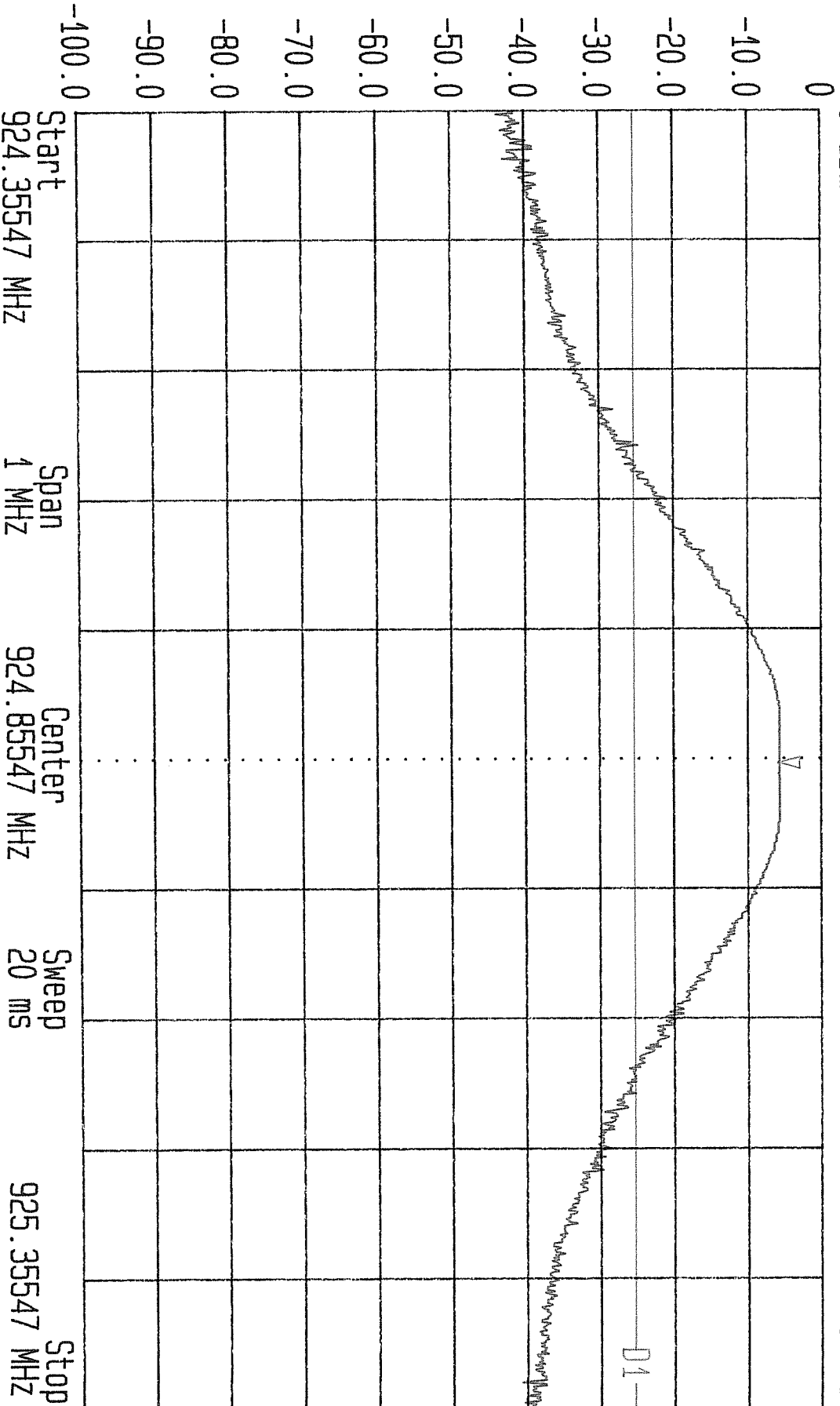
Conducted Spurious Emissions

High Channel



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

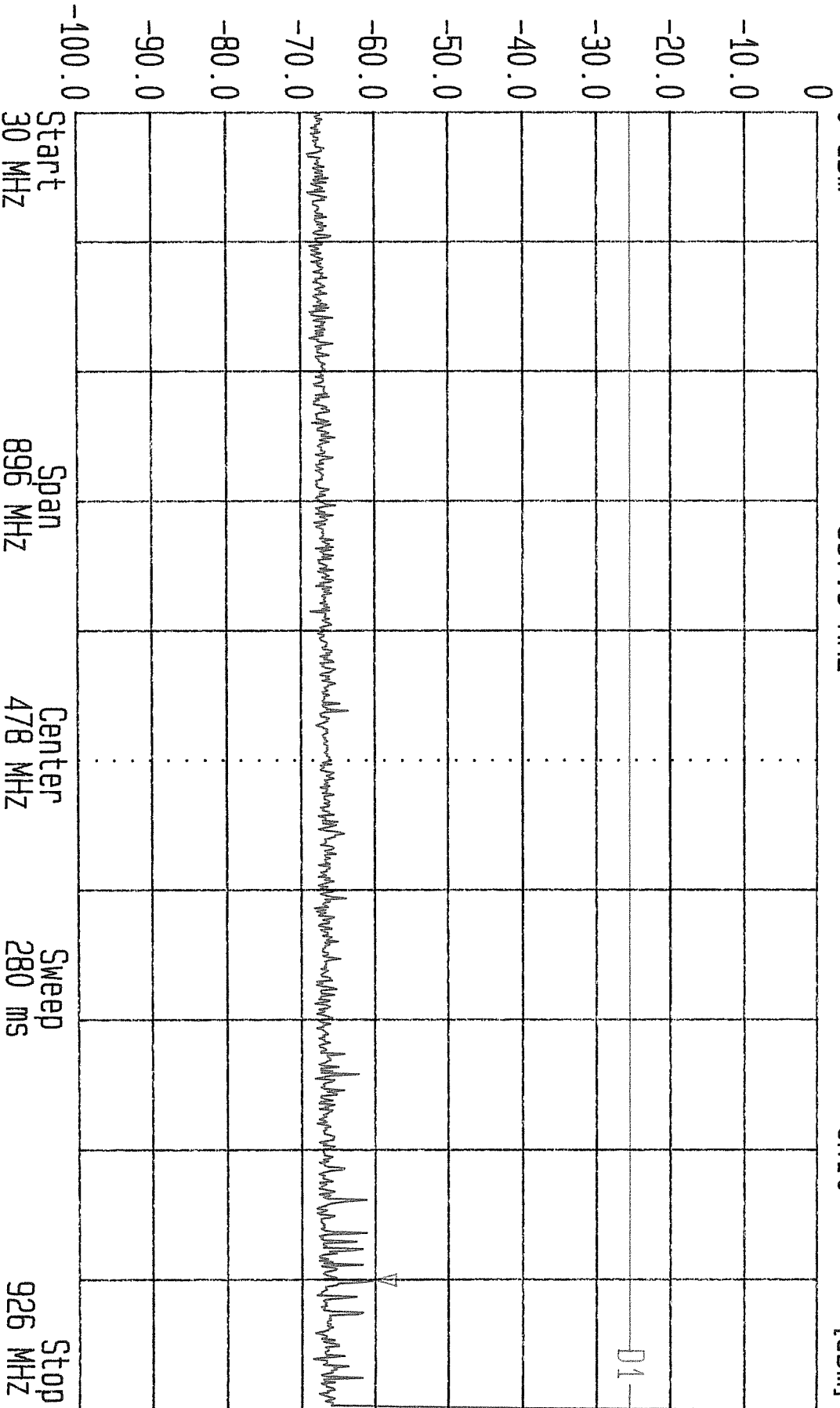
Res.Bw 100.0 KHz [3dB]
TG.Lvl off
CF.Stp 100.000 KHz
Vid.Bw 300 KHz
RF.Att 30 dB
Unit [dBm]

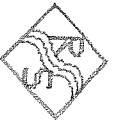




Date 15. Mar. '87 Time 11:14:23
 Ref. Lvl 0 dBm Marker -59.97 dBm
 837.3 MHz

Res. Bw 100.0 KHz [3dB]
 TG. Lvl 16. Lvl off
 CF. Stp 89.600 MHz
 Vid. Bw 300 KHz
 RF. Att 30 dB
 Unit [dBm]

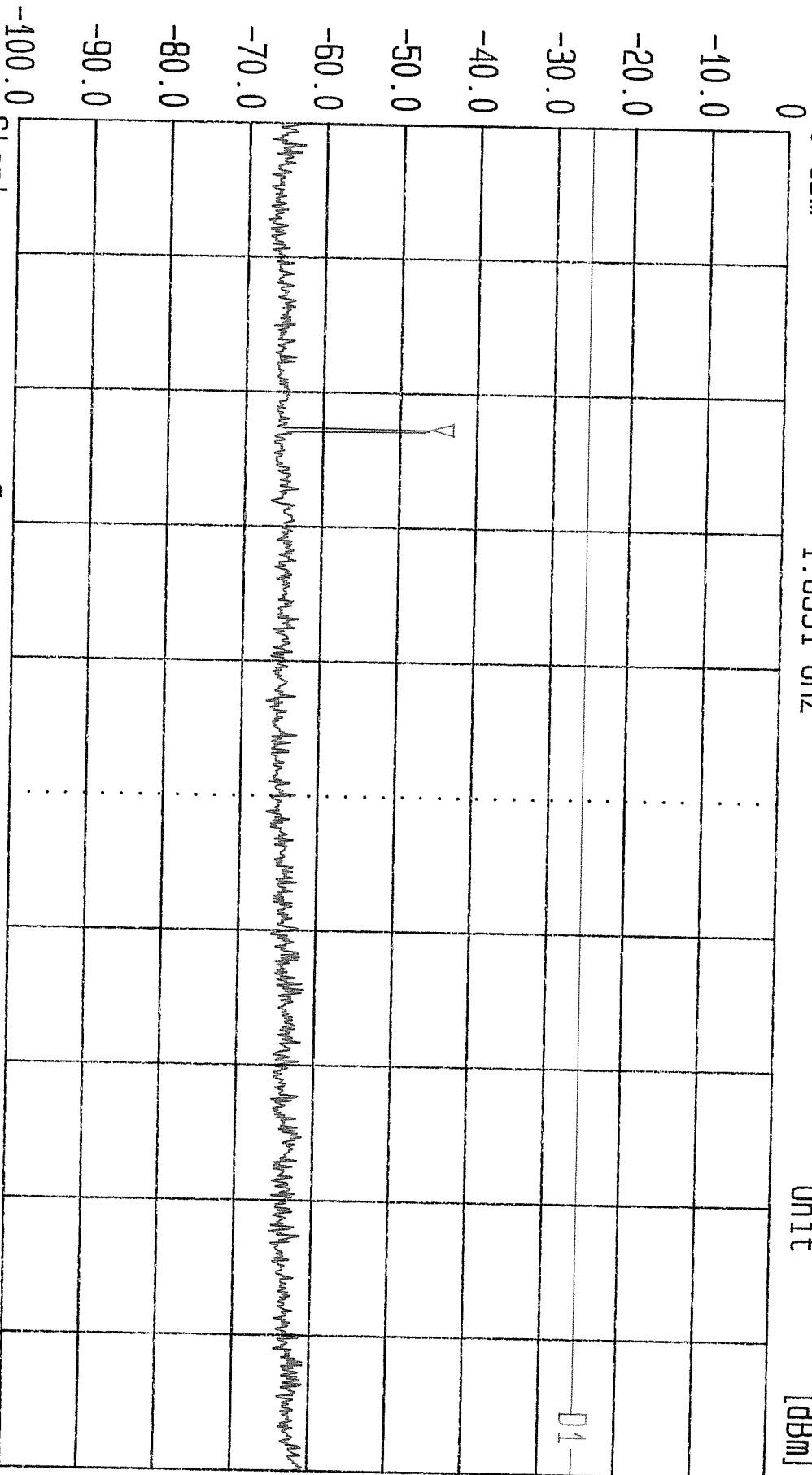




Date 15. Mar. '87 Time 11:18:21
 Ref. Lvl 1 Marker -45.68 dBm
 0 dBm 1.8531 GHz

Res. Bw 100.0 KHz [3dB]
 TG. Lvl 1
 CF. Stp 407.500 MHz off

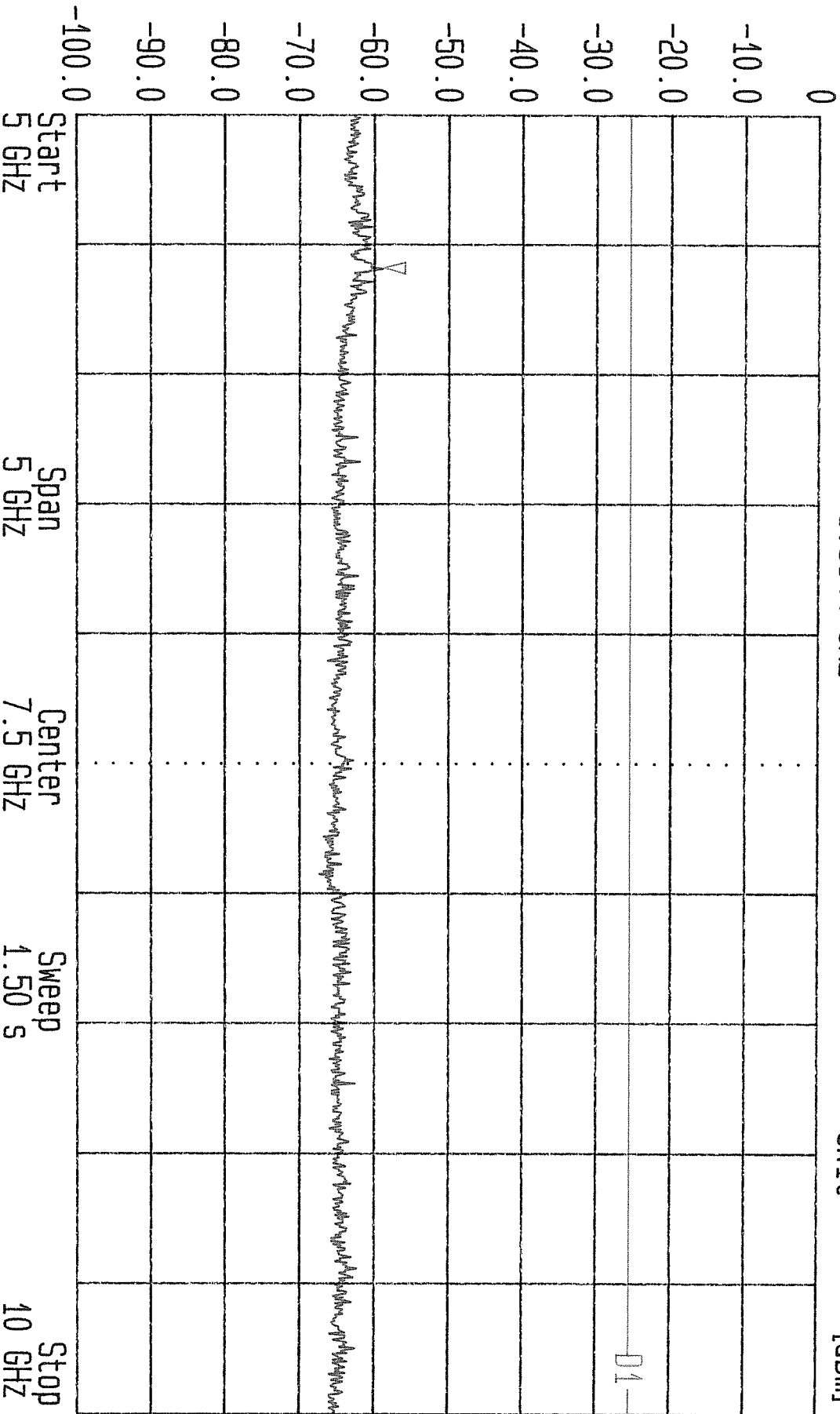
Vid. Bw 300 KHz
 RF: Att 30 dB
 Unit [dBm]



Start 0.925 GHz Span 4.075 GHz Center 2.962 GHz Sweep 1.24 s Stop 5 GHz



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

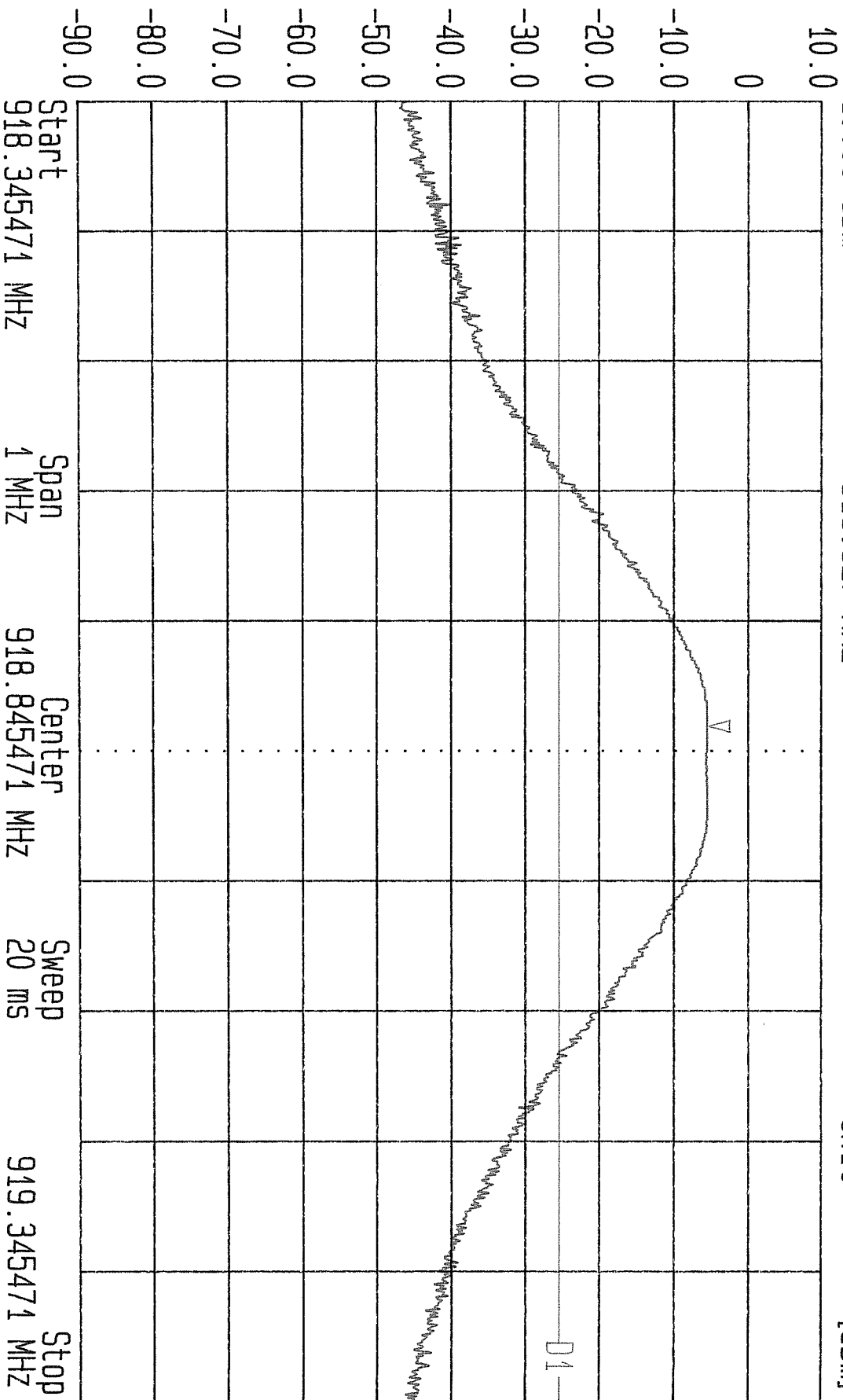


Conducted Spurious Emissions

Mid Channel



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

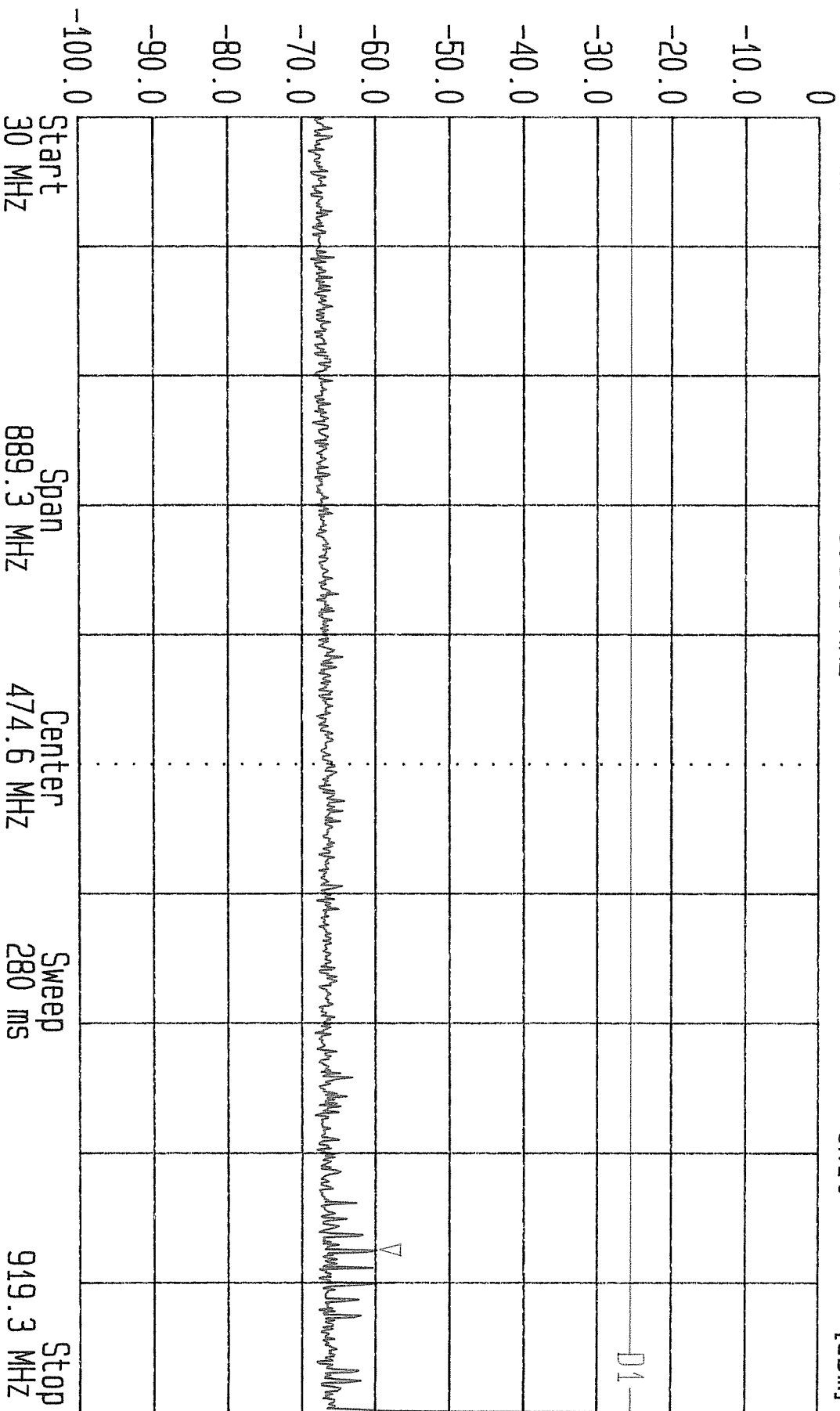




Date 15. Mar. '87 Time 10:52:37
 Ref. Lvl 0 dBm Marker -59.21 dBm
 808.6 MHz

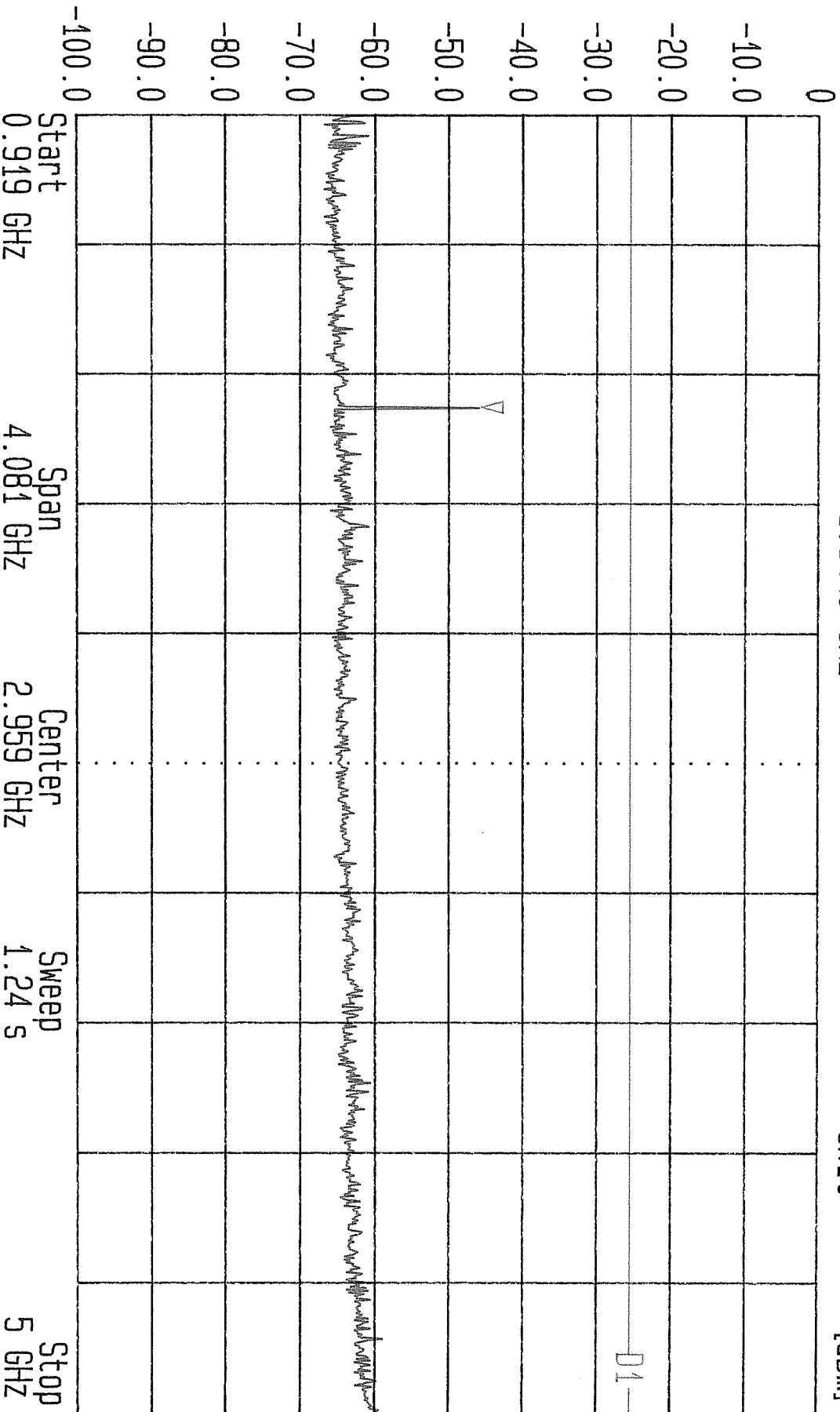
Res. Bw 100.0 KHz [3dB]
 TG. Lvl off
 CF. Stp 88.934 MHz

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





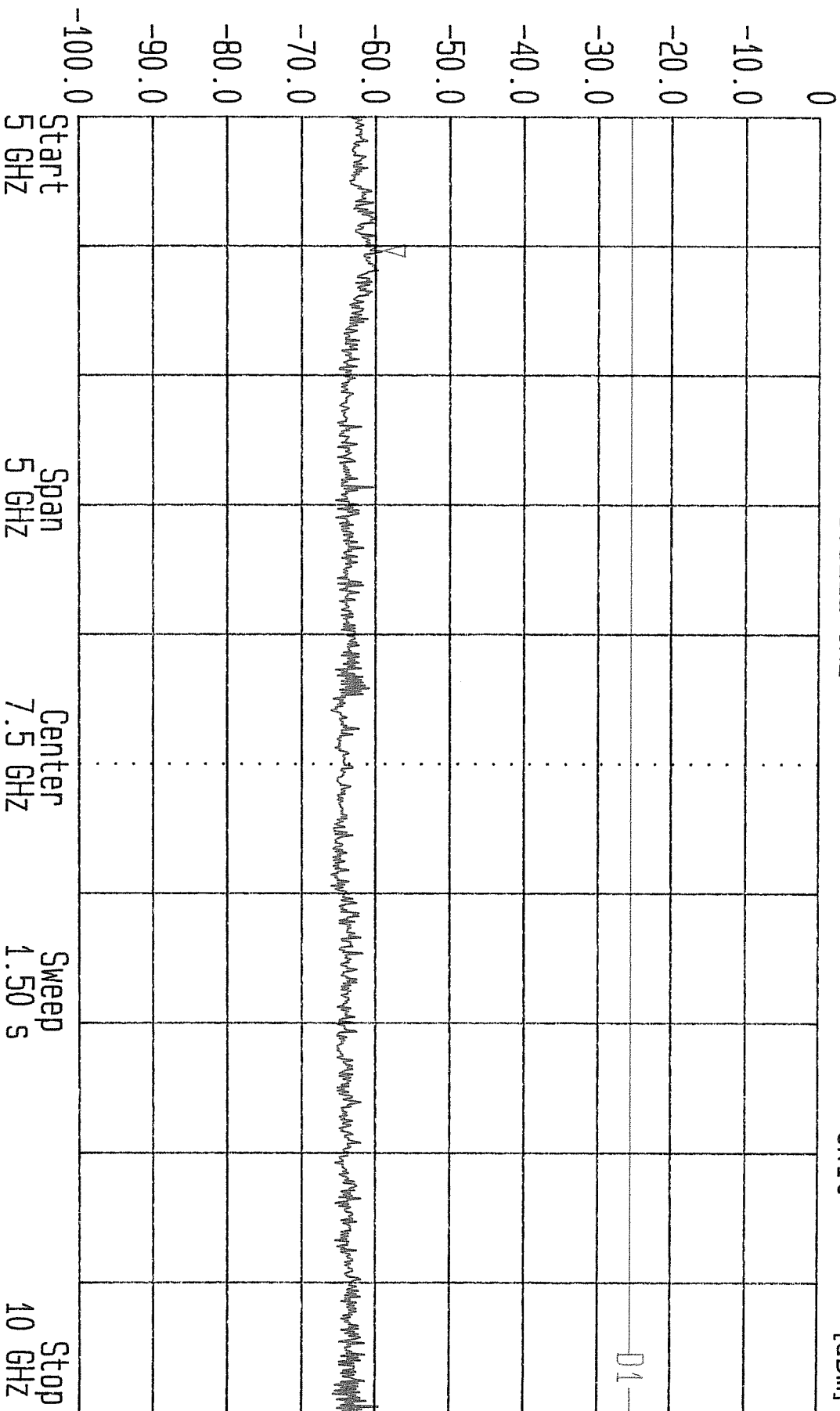
Date 15. Mar. '87 Time 10:56:09 Res. Bw 100.0 KHz [3dB]
 Ref. Lvl 0 dBm Marker -45.50 dBm TG. Lvl off Vid. Bw 300 KHz
 1.8440 GHz CF. Stp 408.100 MHz RF Att Unit [dBm]



D1



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

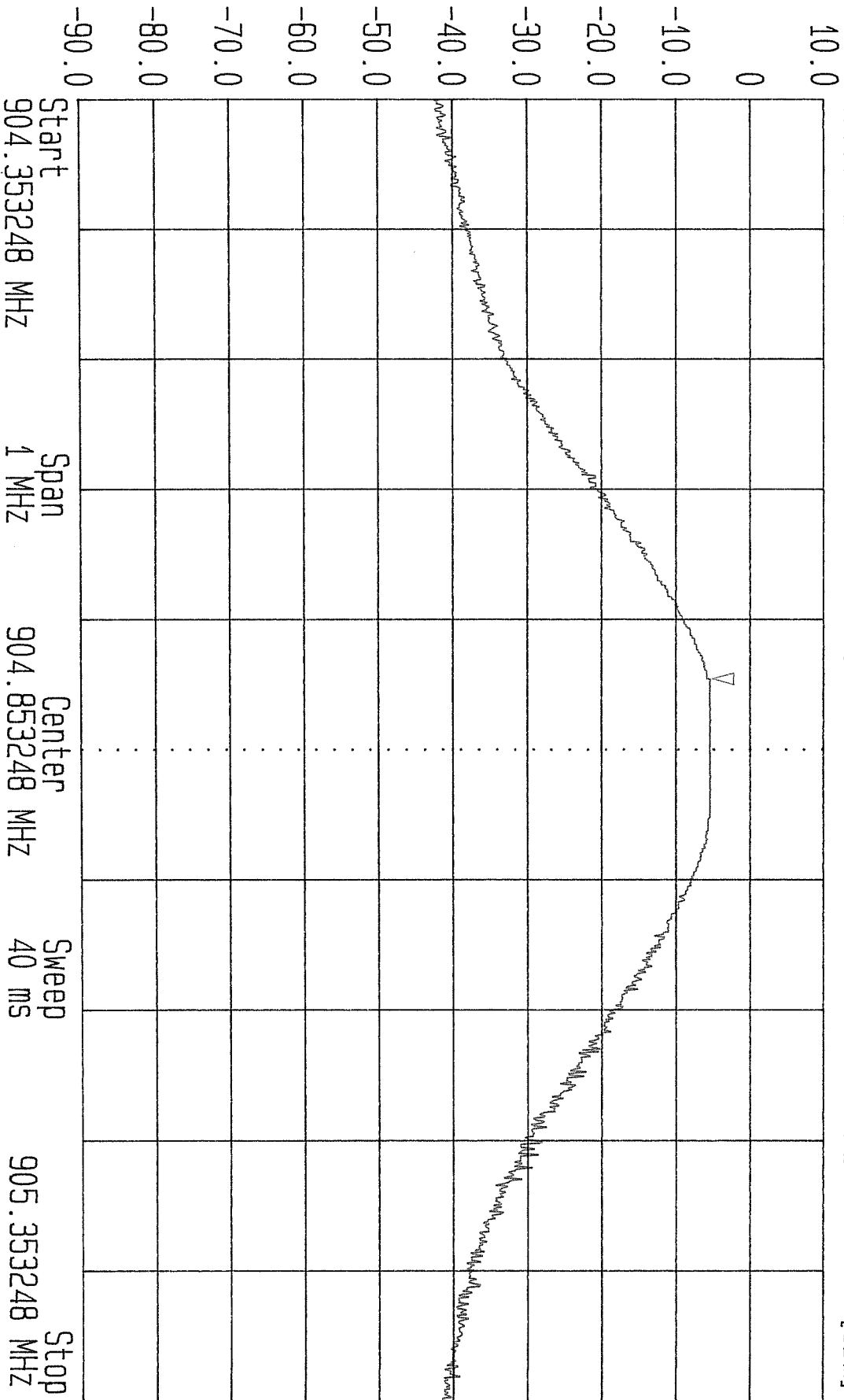


Conducted Spurious Emissions

Low Channel

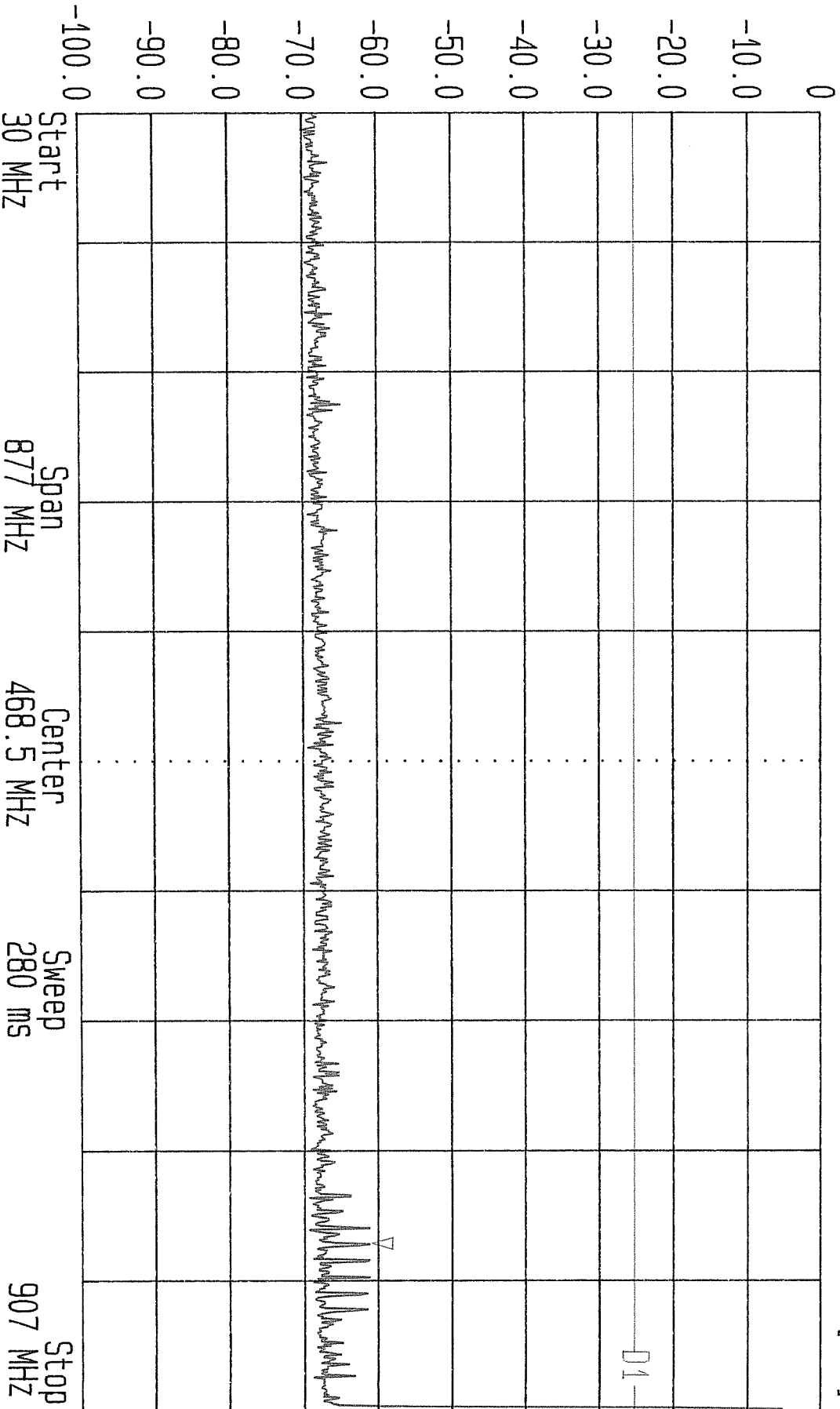


Date 15. Mar. '87 Time 10:17:41 Res. Bw 100.0 KHz [3dB] Vid. Bw 300 KHz
 Ref. Lvl 10.00 dBm Marker -4.90 dBm TG. Lvl 1 CF. Stp 100.000 KHz RF. Att 40 dB
 Unit [dBm]



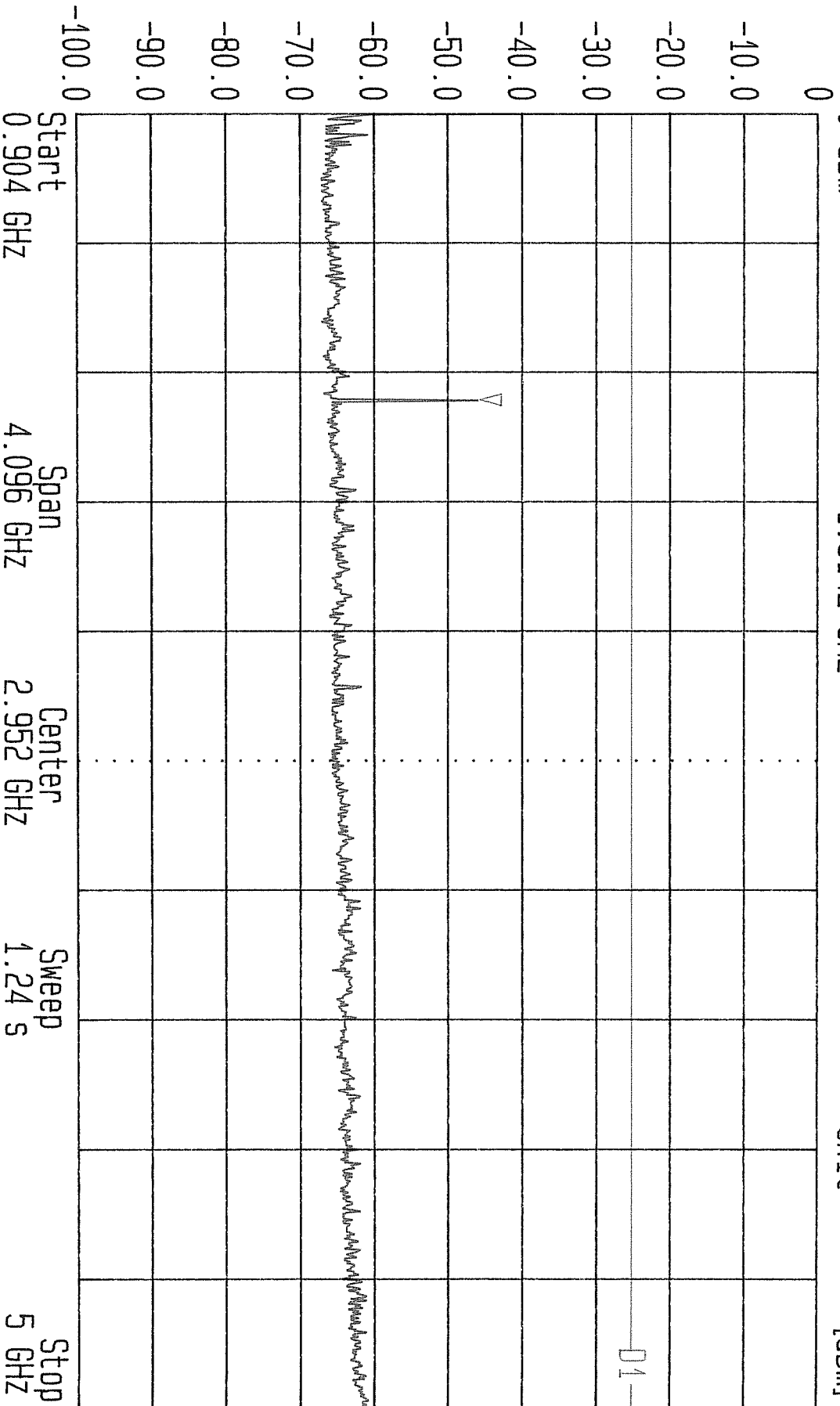


Date 15. Mar. '87 Time 10:23:44 Res. Bw 100.0 KHz [3dB] Vid. Bw 100 KHz
 Ref. Lvl 0 dBm Marker -60.63 dBm CF. Stp 87.700 MHz -20.00 dBm RF. Att Unit 30 dB
 794.9 MHz





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 1 CF. Stp 409.600 MHz RF. Att Unit [dBm]
 1.8142 GHz





Date 15. Mar. '87 Time 10:42:45 Res. Bw 100 KHz [Imp]
 Ref. Lvl 0 dBm Marker -60.99 dBm TG. Lvl off Vid. Bw 100 KHz
 5.5666 GHz CF. Stp 500.000 MHz RF. Att Unit 30 dB [dBm]

