



**Frequency Hopping
Spread Spectrum Transmitter
Modular Approval**

Certification Test Report

FCC ID: HSW-910M

ACS Report Number: 04-0132-15C

**Manufacturer: Cirronet, Inc.
Equipment Type: Transceiver
Model: WIT910**

**Radiated Spurious Emission Plots –
Conducted Spurs**

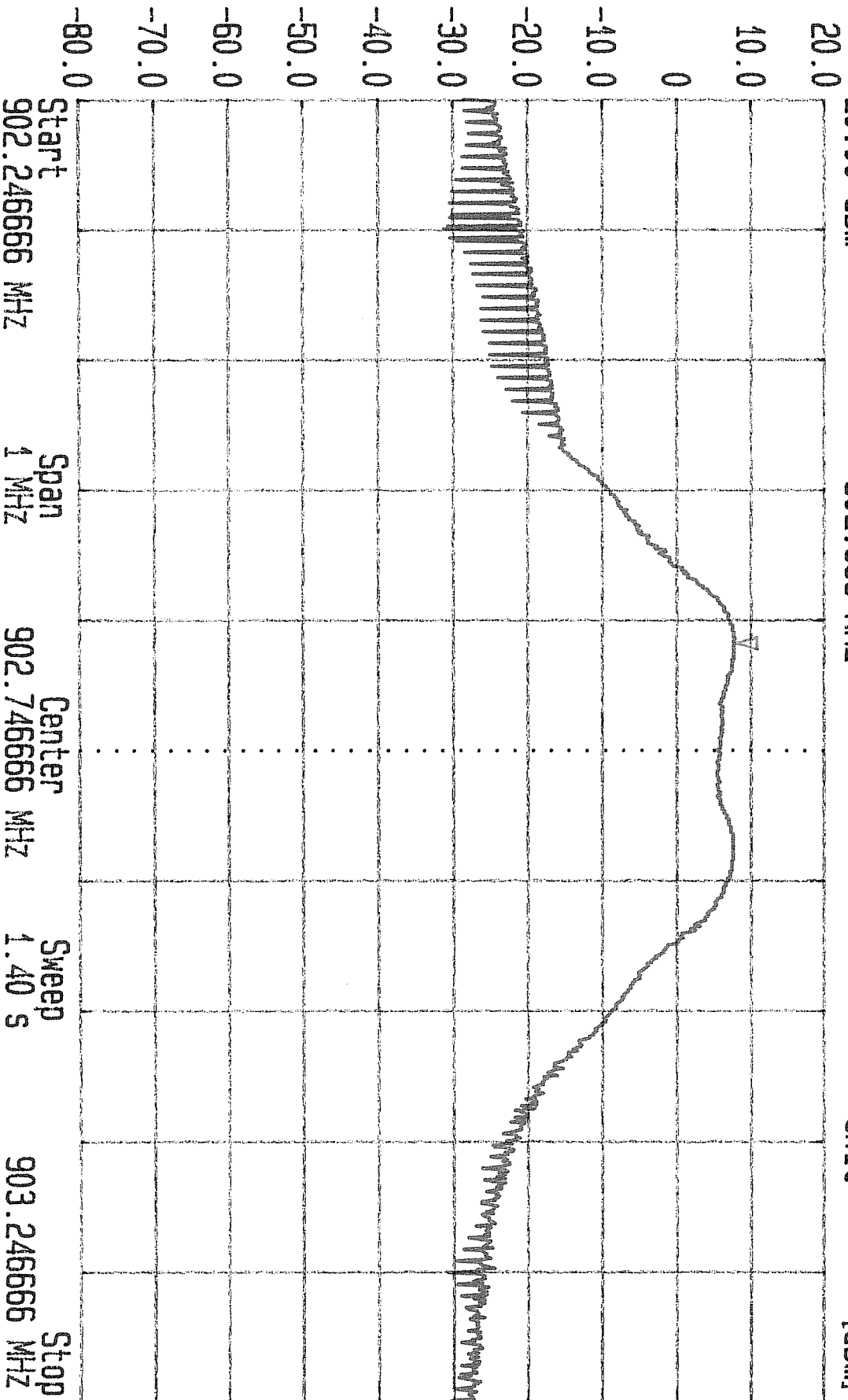
Low Channel



Date 14. Jun. '04 Time 15:48:25
Ref.Lvl 20.00 dBm Marker 902.665 MHz

Res.Bw 100 kHz [imp]
TG.Lvl off
CF.Stp 100.000 kHz

Vid.Bw 1 MHz
RF.Att 40 dB
Unit [dBm]



Start 902.246666 MHz Span 1 MHz Center 902.746666 MHz Sweep 1.40 s Stop 903.246666 MHz

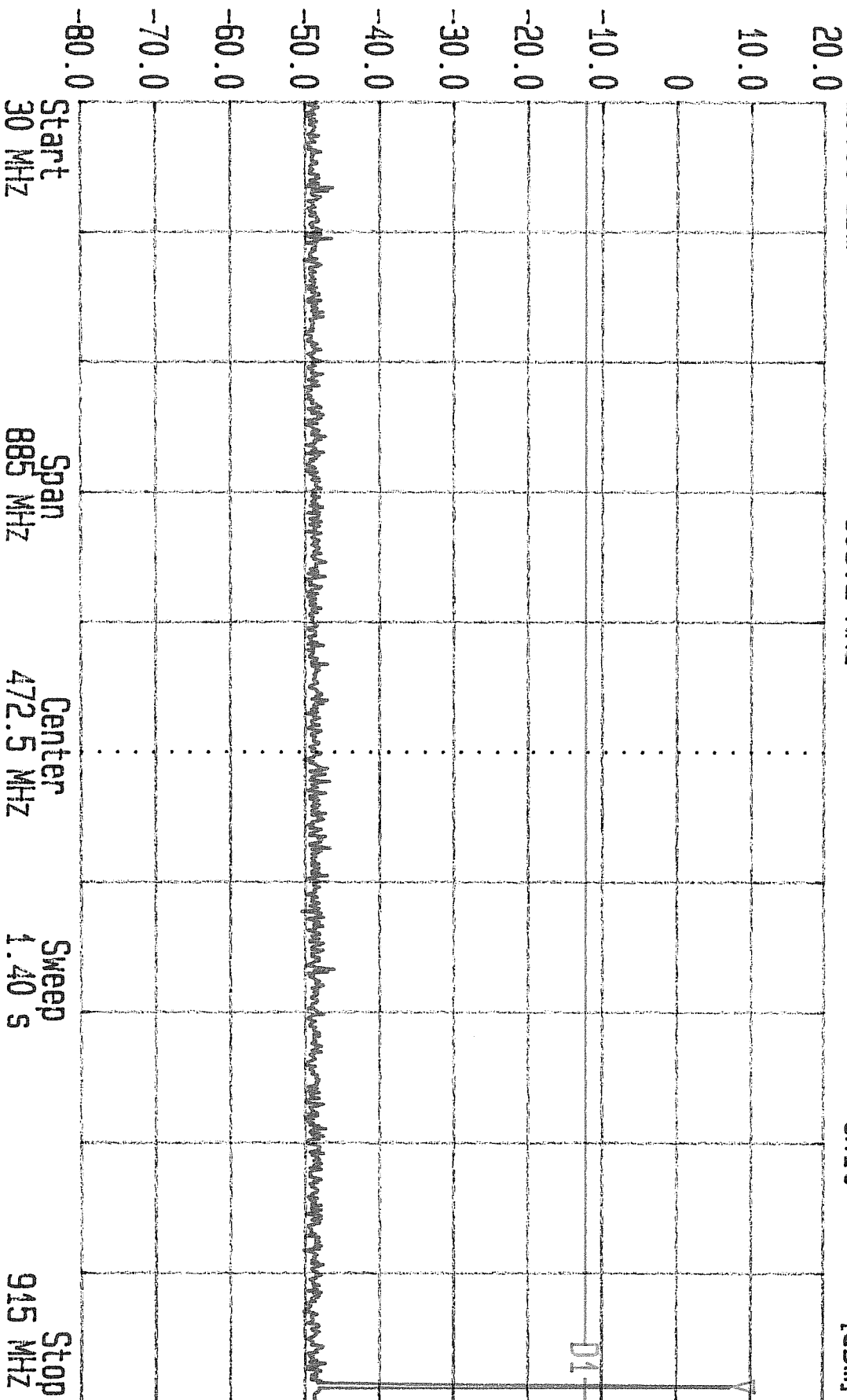


Date 14. Jun. '04 Time 16:53:55
Ref.Lvl 20.00 dBm
Marker 903.2 MHz

Res.Bw 100 kHz [imp]
CF.Stp 16.Lvl1 off

Vid.Bw 1 MHz
HF.Att 40 dB [dBm]

Unit



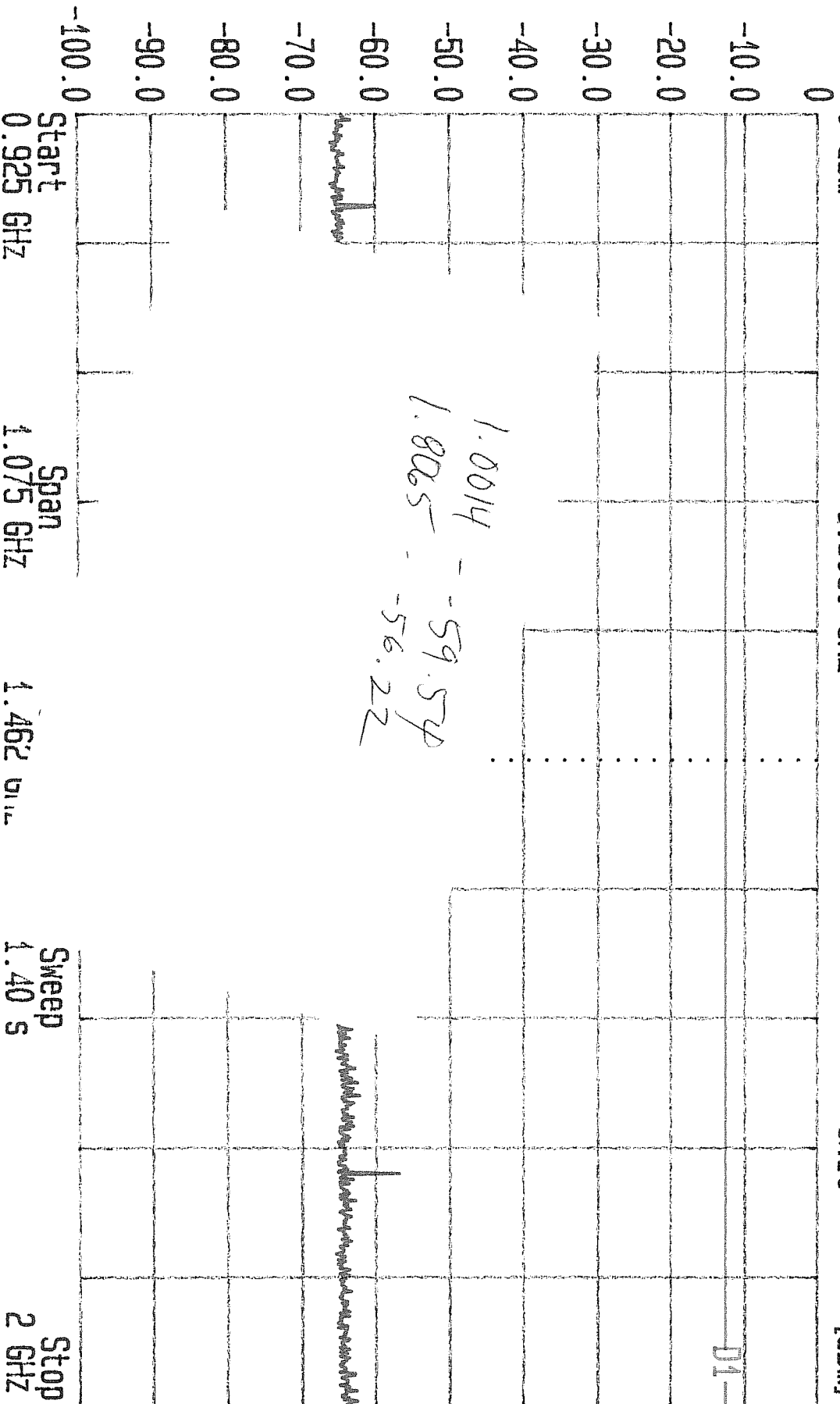


Date 14.Jun.'04 Time 17:03:02
Ref.Lvl 0 dBm Marker -55.10 dBm
1.3060 GHz

Res.Bw 100 kHz [imp]
16.Lvl off
CF.Stp 107.500 MHz

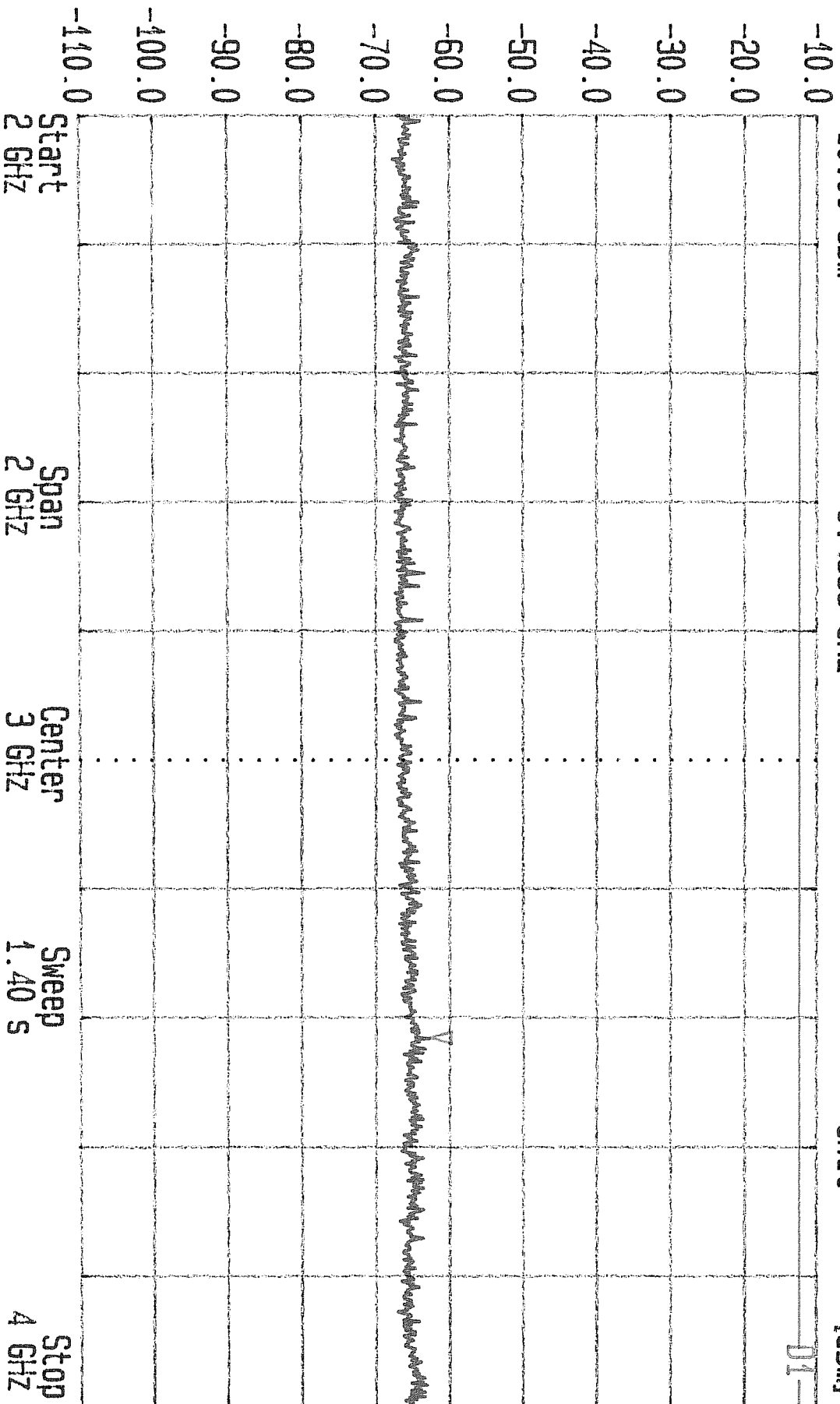
Vid.Bw 1 MHz
AF.Att Unit

30 dB [dBm]



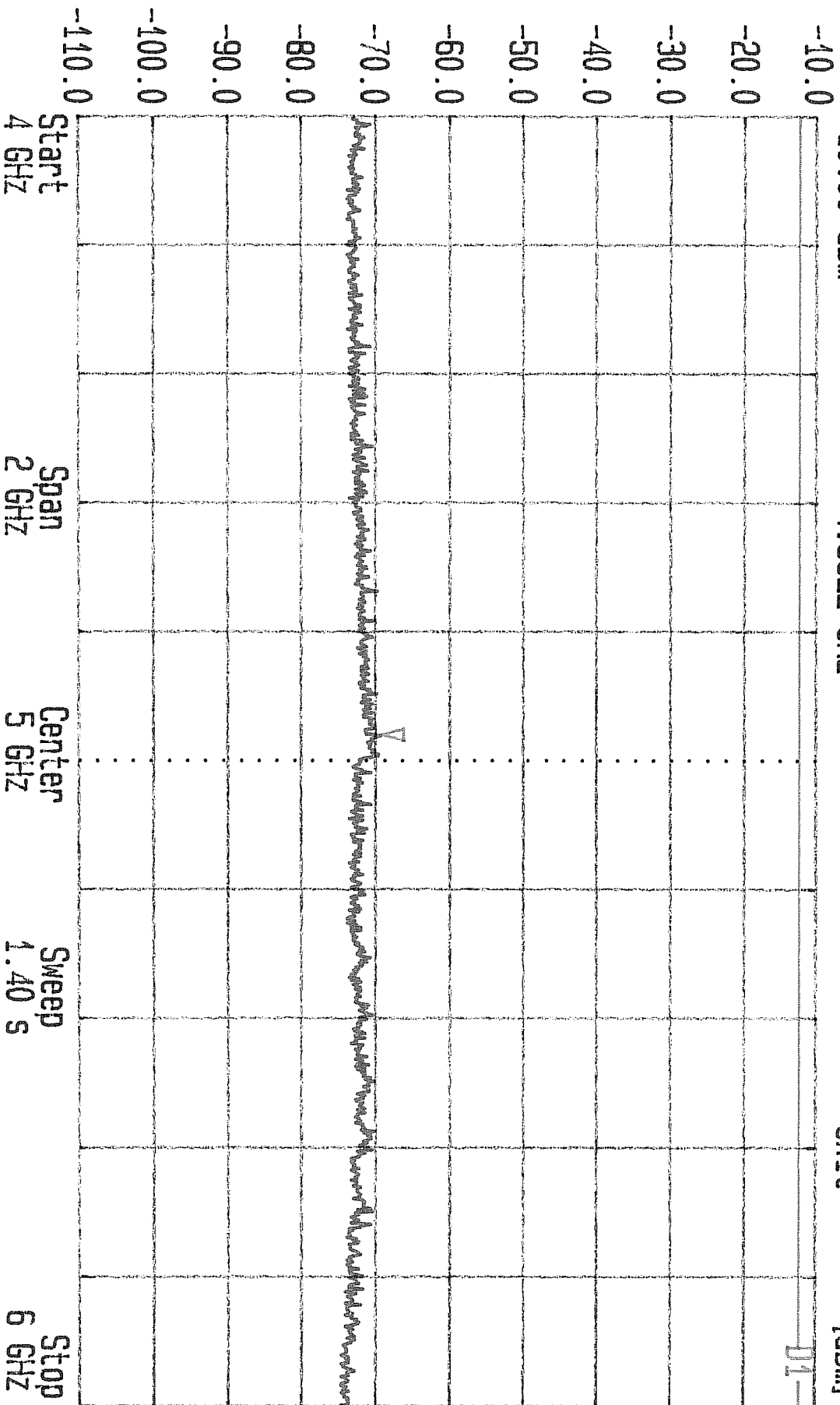


Date 14. Jun. '04 Time 17:06:09 Res. Bw 100 kHz [imp] Vid. Bw 1 MHz
Ref. Lvl -10.00 dBm Marker -62.48 dBm TG. Lvl off PF. Att 30 dB
3.4333 GHz CF. Stp 200.000 MHz Unit [dBm]





Date 14. Jun. '04 Time 17:09:18 Res.Bw 100 kHz [imp] Vid.Bw 1 MHz
Ref.Lvl -10.00 dBm Marker -68.71 dBm CF.Stp 200.000 MHz off RF.Att 20 dB
Unit [dBm]

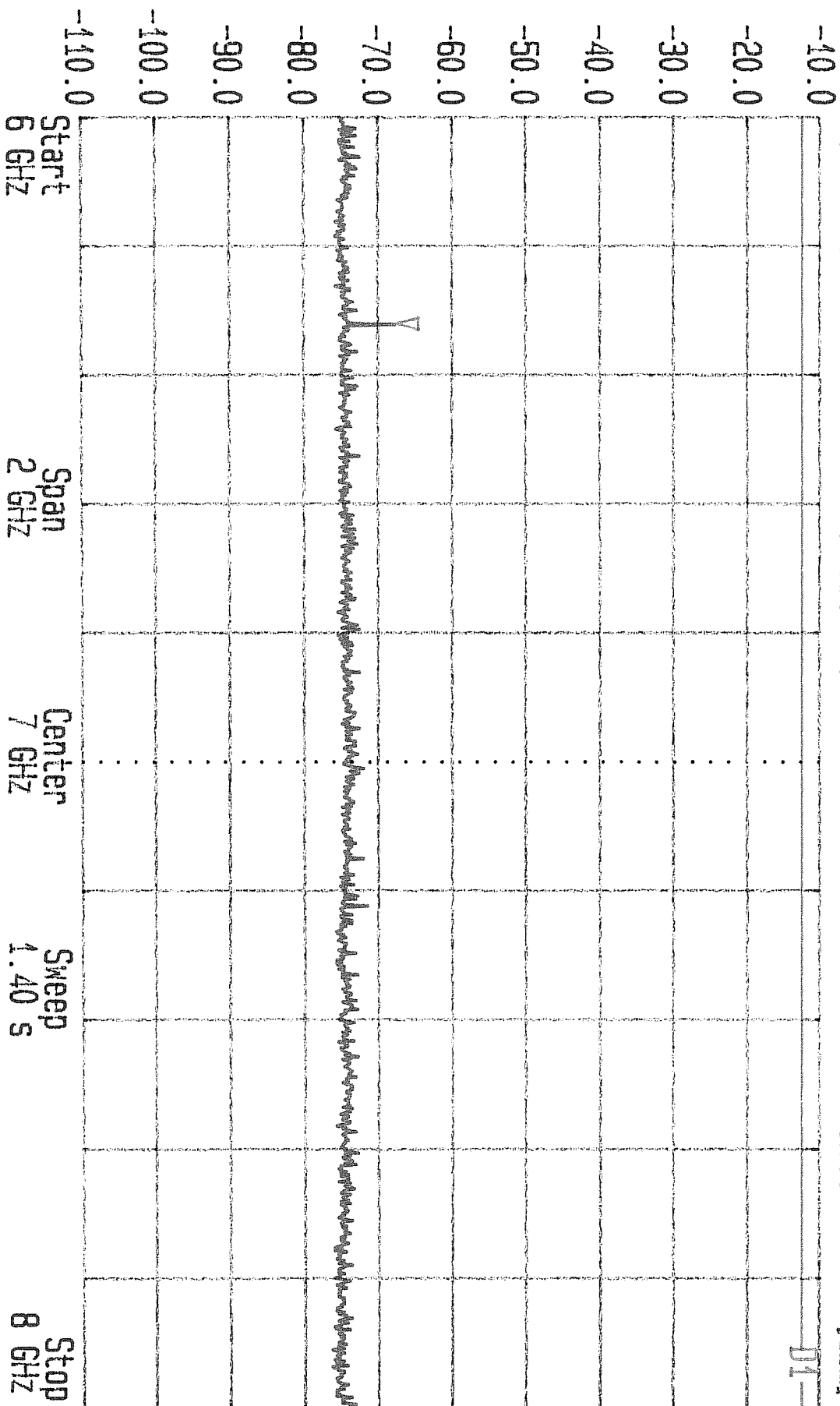




Date 14. Jun. '04 Time 17:12:24
Ref.Lvl -10.00 dBm
Marker -66.95 dBm
6.3222 GHz

Res.BW 100 kHz [imp]
16.Lvl off
CF.Stp 200.000 MHz

Vid.BW 1 MHz
RF.Att 20 dB
Unit [dBm]

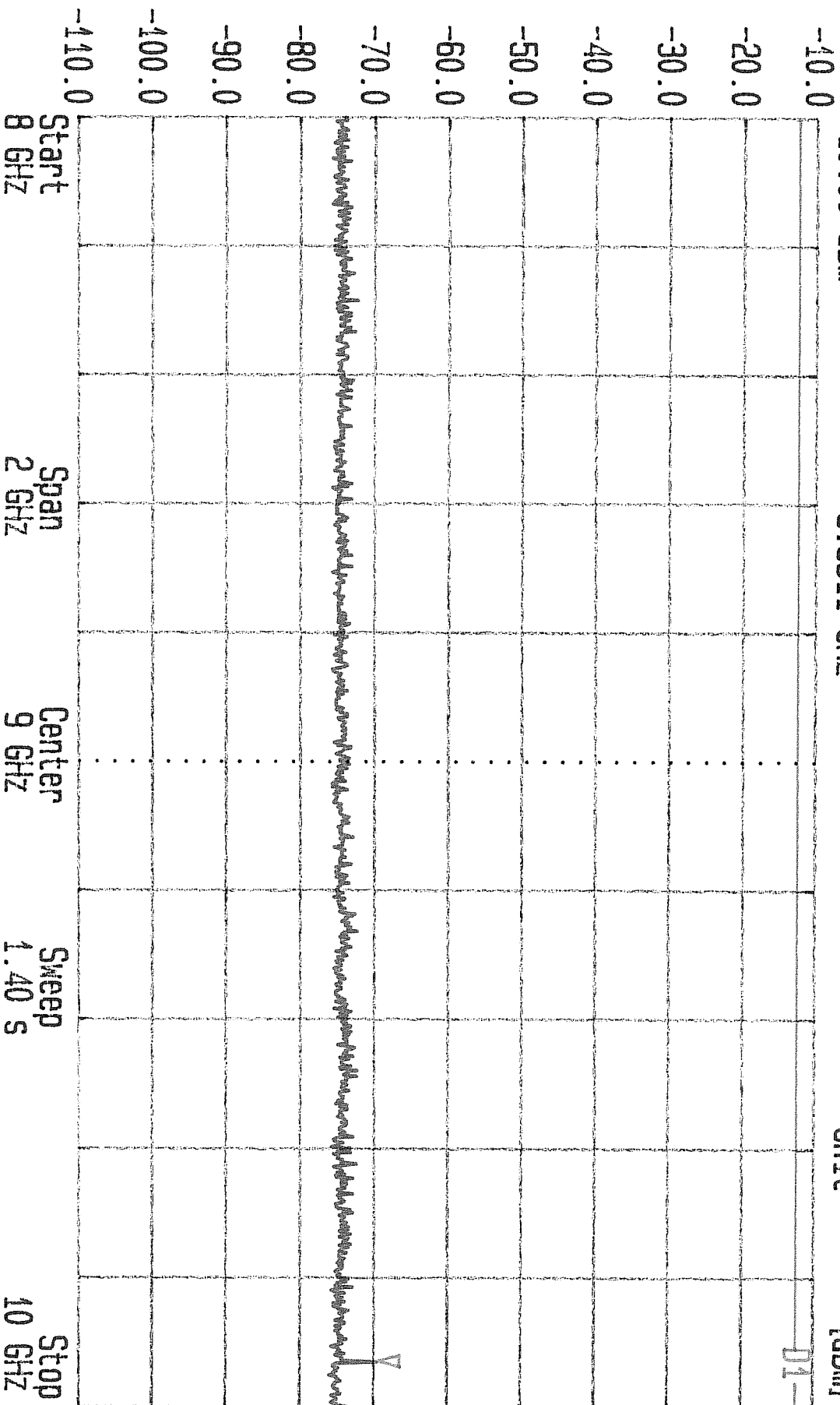




Date 14. Jun. '04 Time 17:17:06
Ref.Lvl -10.00 dBm
Marker -69.11 dBm
9.9311 GHz

Res.Bw 100 kHz [imp]
TG.Lvl off
CF.Stp 200.000 MHz

Vid.Bw 1 MHz
RF.Att Unit 20 dB [dBm]

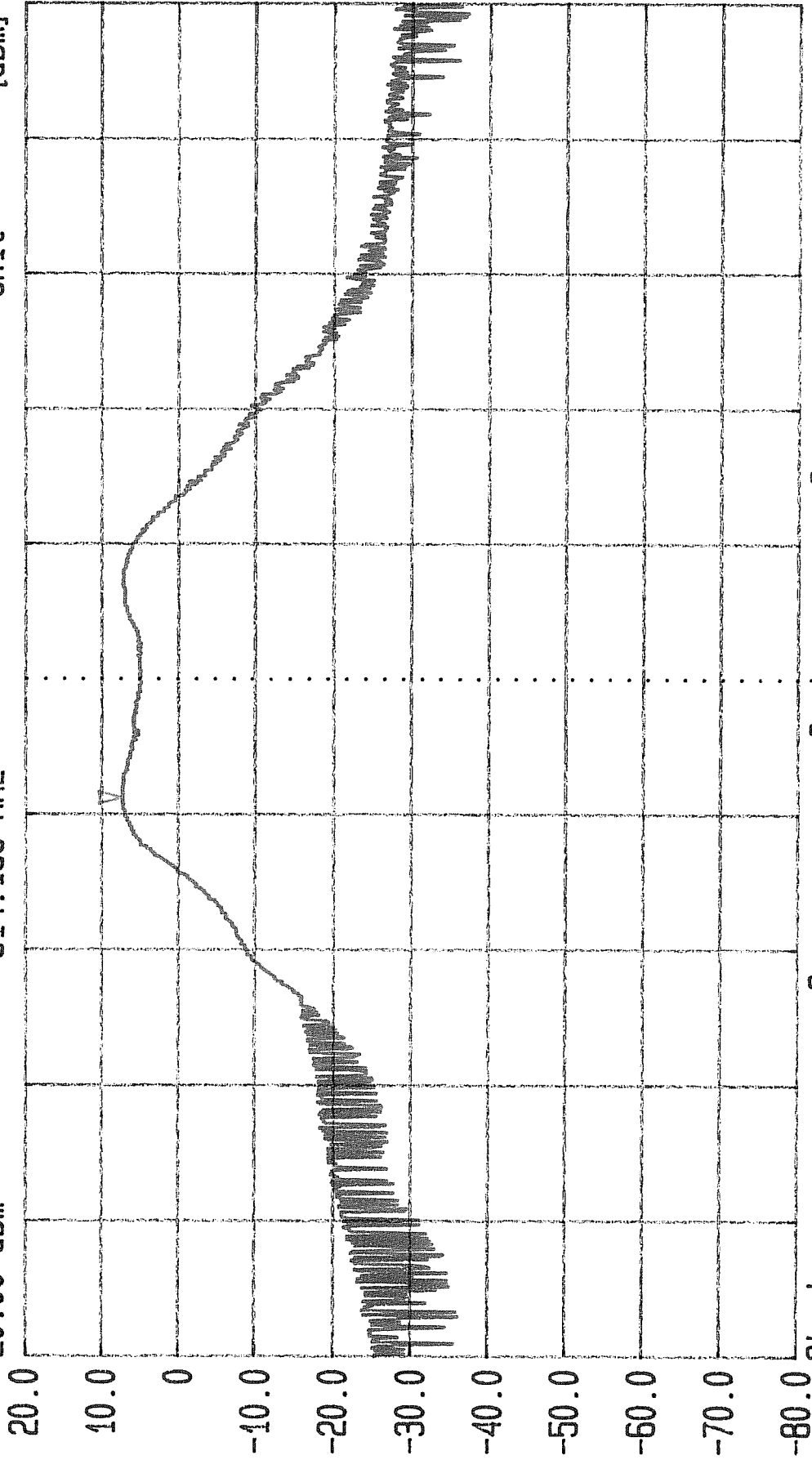


Middle Channel



Date 14-Jun-'04 Time 16:25:24
Ref.Lvl 20.00 dBm
Marker 7.61 dBm
914.186 MHz

Res.Bw 100 kHz [imp]
TG.Lvl off
CF.Stp 100.000 kHz
Unit
Vid.Bw 1 MHz
AF.Att 40 dB

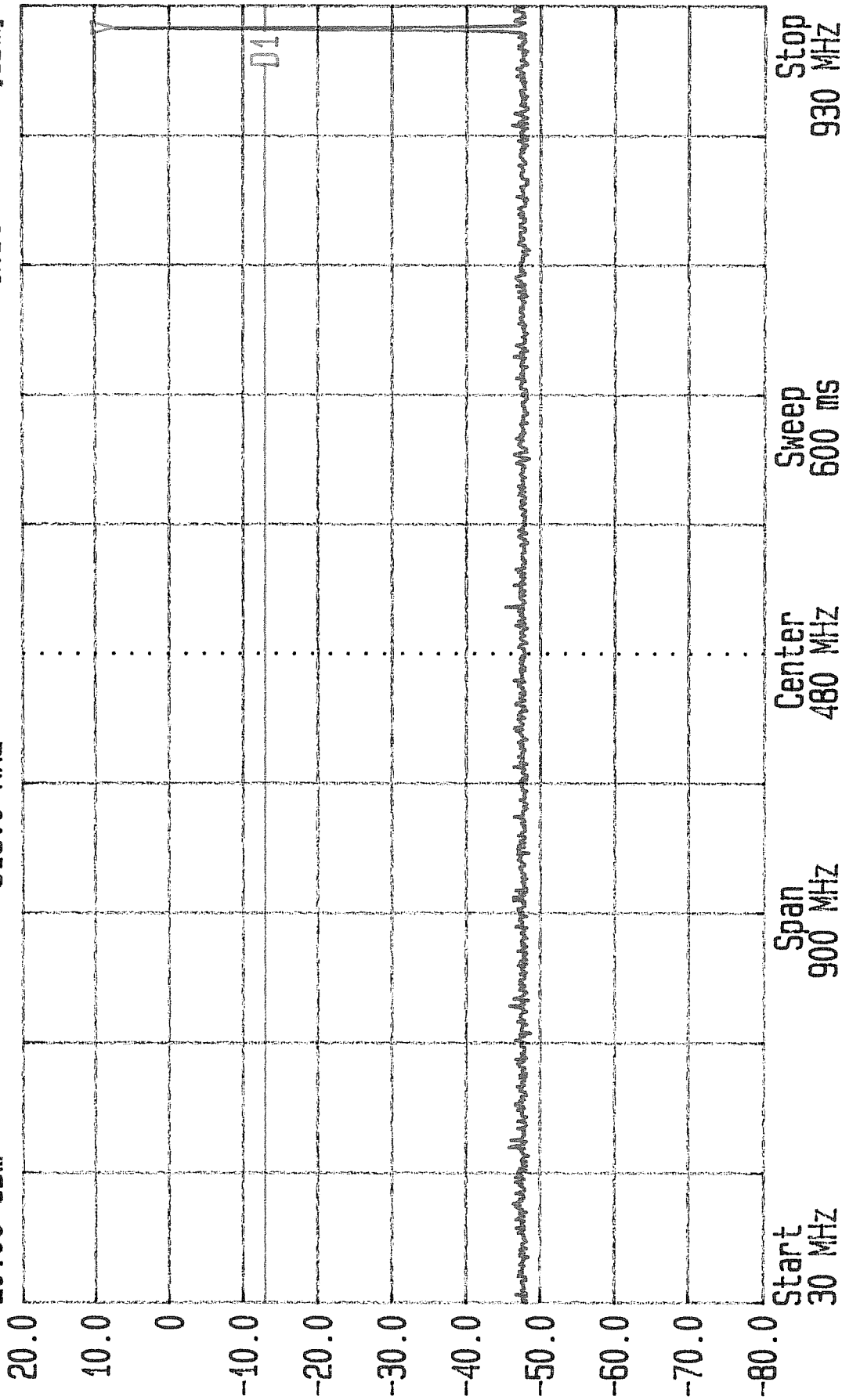


Start 913.773333 MHz
Center 914.273333 MHz
Stop 914.773333 MHz
Span 1 MHz
Sweep 80 ms



Date 14-Jun-'04 Time 16:28:39
Ref.Lvl 20.00 dBm
Marker 7.54 dBm
915.0 MHz

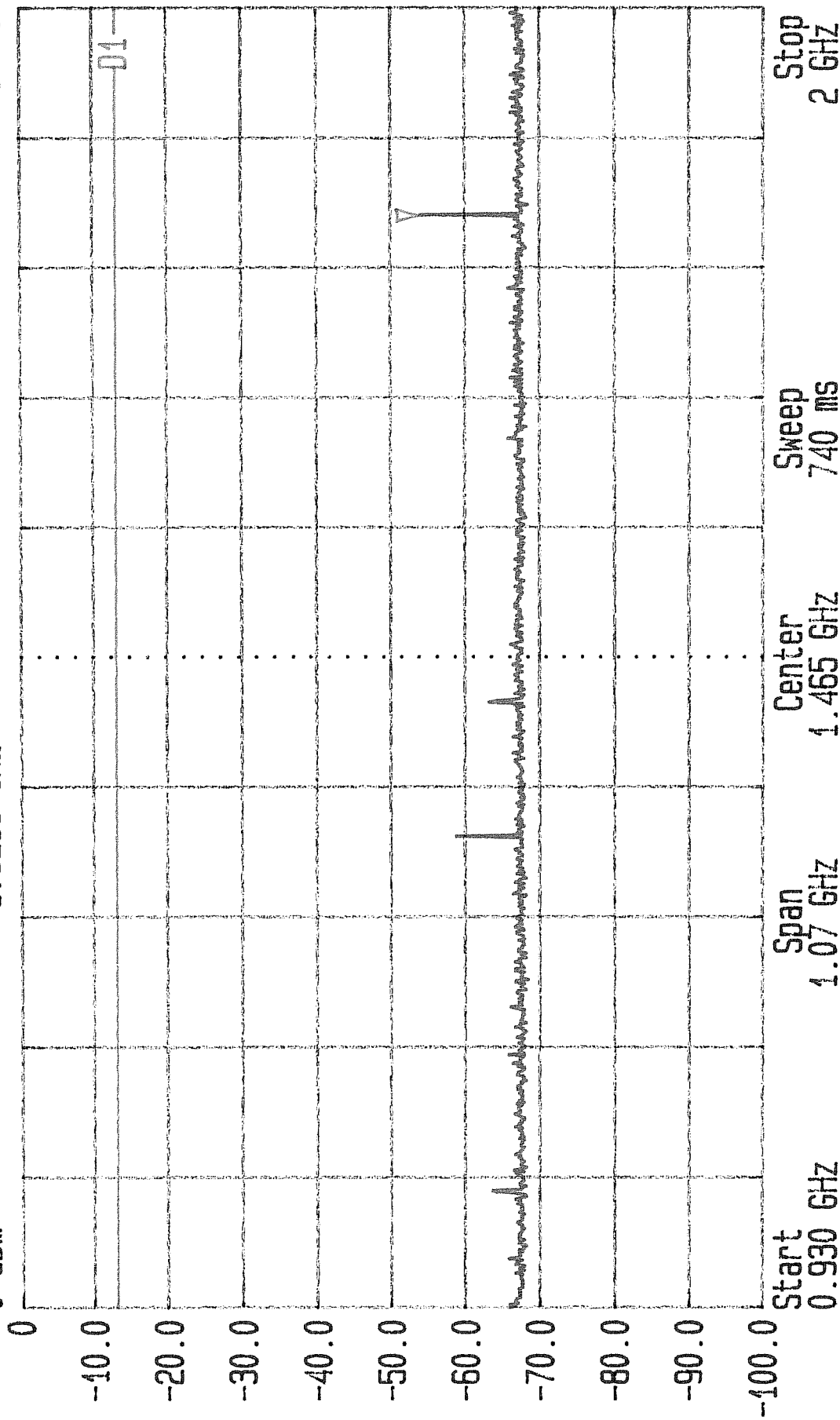
Res.Bw 100 kHz [imp]
TG.Lvl Off
CF.Stp 90.000 MHz
Vid.Bw 1 MHz
AF.Att 40 dB
Unit [dBm]





Date 14.Jun.'04 Time 16:31:43
Ref.Lvl Marker -53.52 dBm
0 dBm 1.8299 GHz

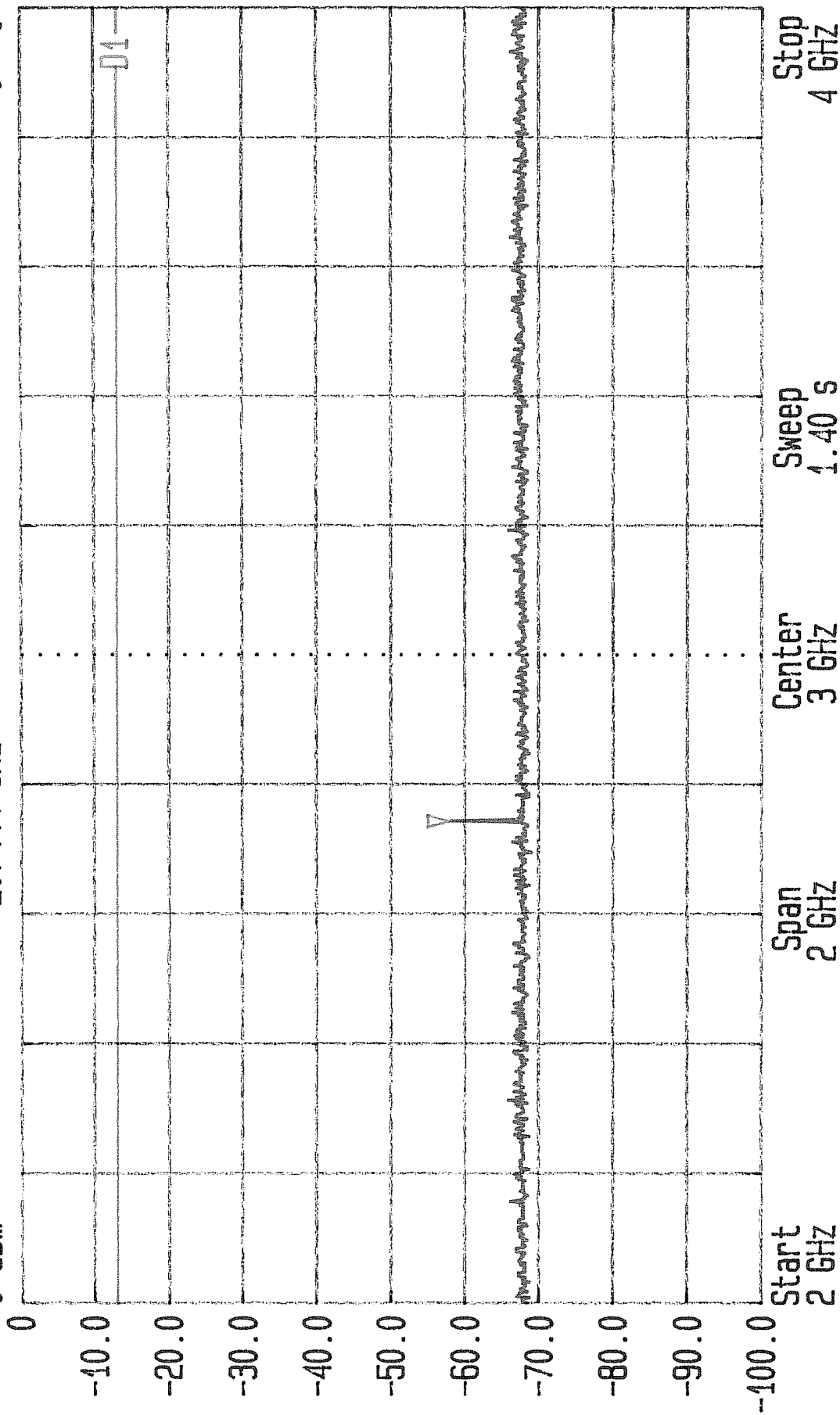
Res.Bw 100 kHz [imp] 1 MHz
TG.Lvl Off
CF.Stp 107.000 MHz
Unit 20 dB





Date 14.Jun.'04 Time 16:35:59
Ref.Lvl Marker
0 dBm

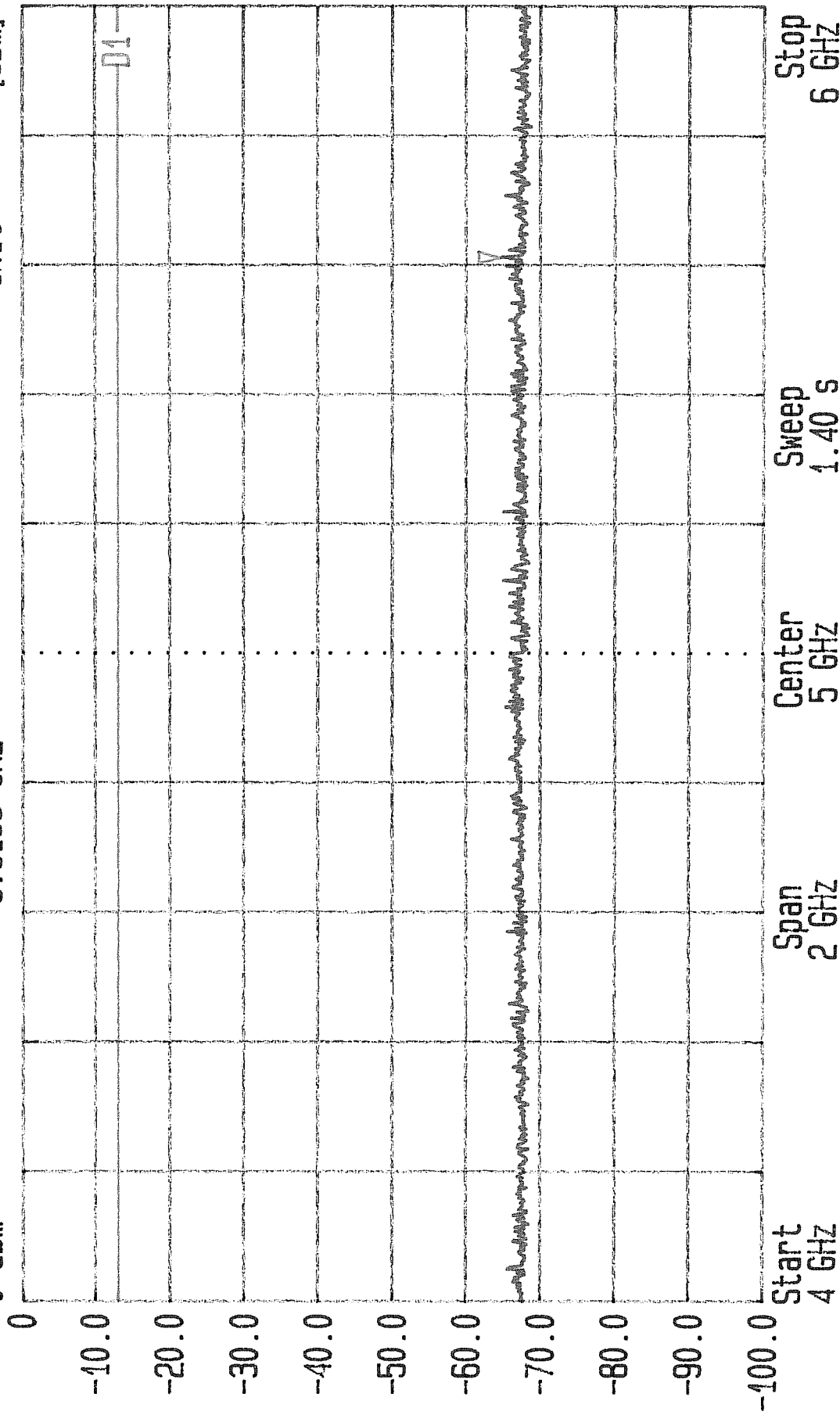
Res.Bw 100 kHz [imp]
TG.Lvl Off
CF.Stp 200.000 MHz
Vid.Bw 1 MHz
AF.Att 20 dB
Unit [dBm]





Date 14-Jun-'04 Time 16:39:02
Ref.Lvl 0 dBm
Marker -64.29 dBm
5.6133 GHz

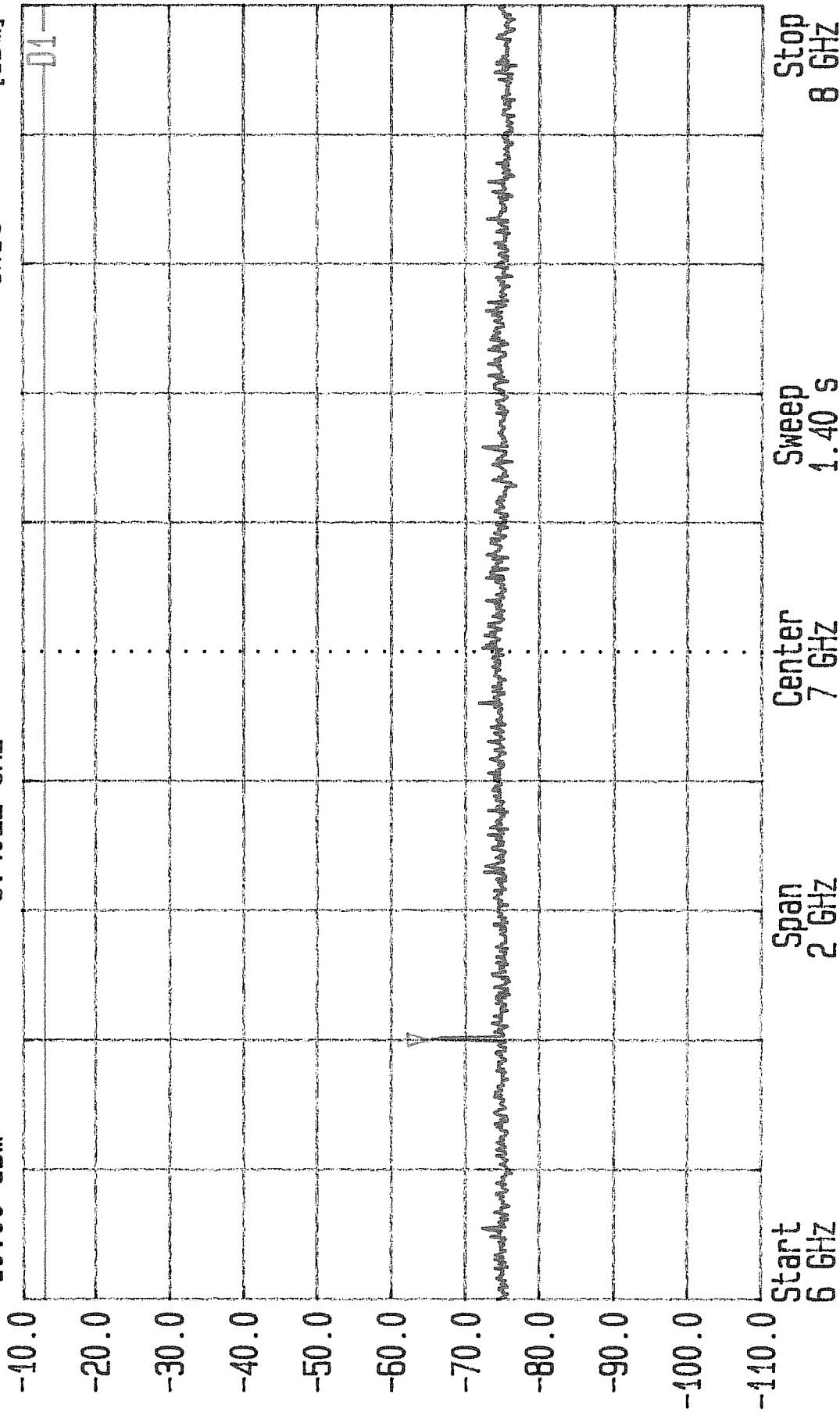
Res.Bw 100 kHz [imp]
T6.Lvl Off
CF.Stp 200.000 MHz
Vid.Bw 1 MHz
AF.Att 20 dB
Unit [dBm]





Date 14.Jun.'04 Time 16:42:07
Ref.Lvl Marker -64.95 dBm
-10.00 dBm

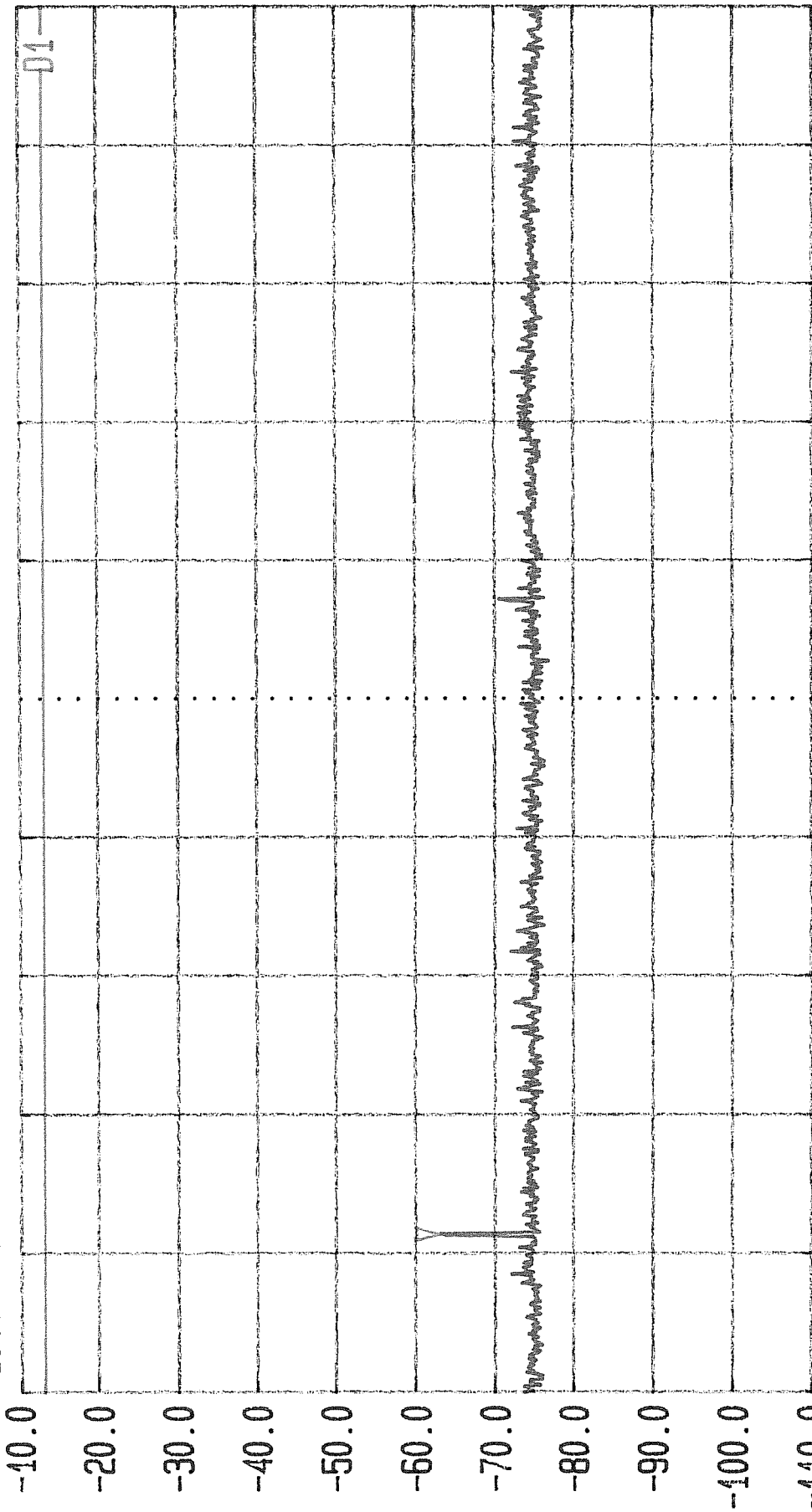
Res.Bw 100 kHz [imp] 1 MHz
TG.Lvl Off
CF.Stp 200.000 MHz
Unit RF.Att 20 dB [dBm]





Date 14.Jun.'04 Time 16:45:16
Ref.Lvl Marker -10.00 dBm
-62.71 dBm
8.2288 GHz

Res.BW 100 kHz [imp] 1 MHz
TG.Lvl Off
CF.Stp 200.000 MHz
Unit RF.Att 20 dB [dBm]



Start 8 GHz Stop 10 GHz
Span 2 GHz Sweep 1.40 s
Center 9 GHz

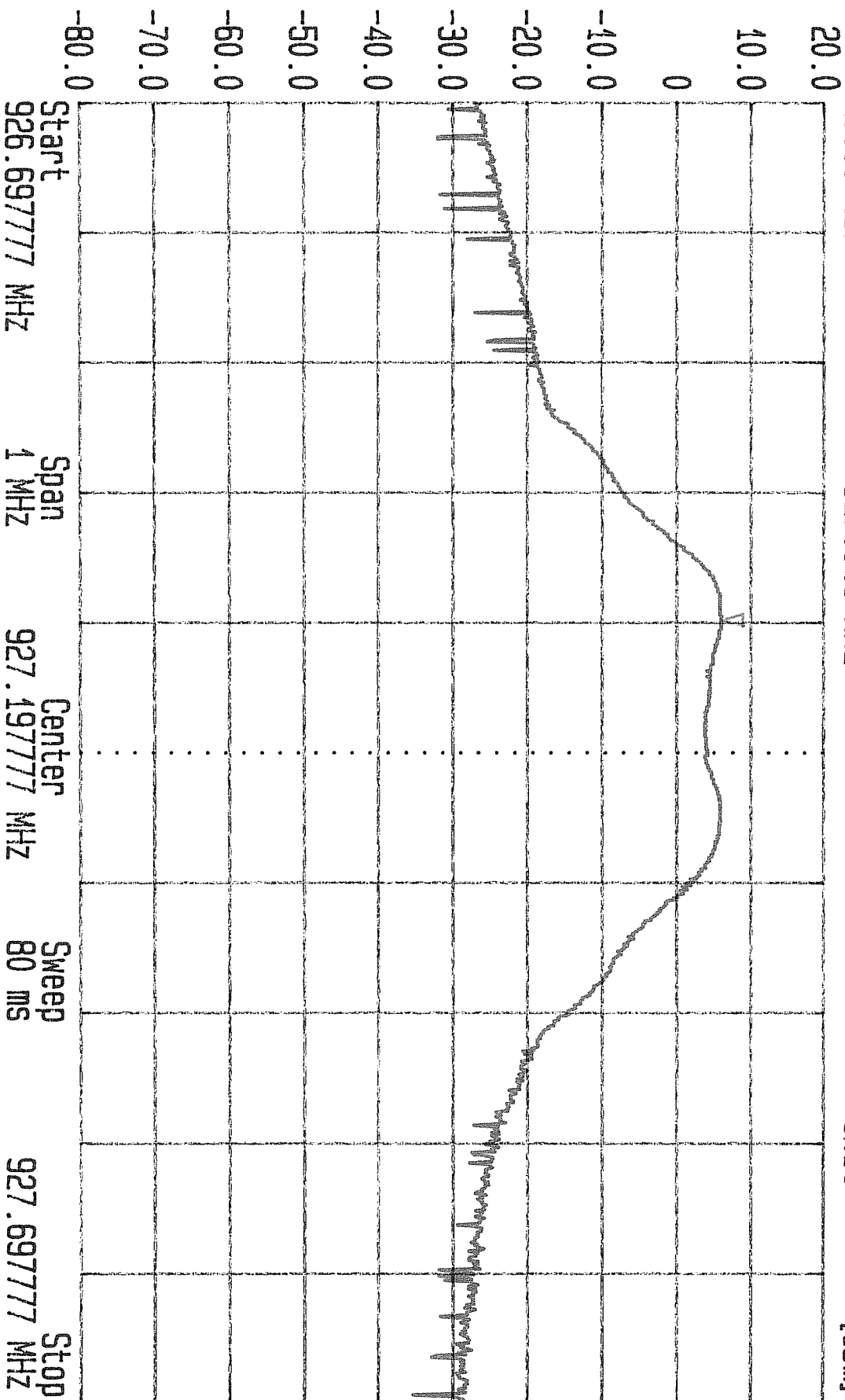
High Channel



Date 14. Jun. '04 Time 16:03:06
Ref.Lvl 20.00 dBm
Marker 927.096 MHz

Res.Bw 100 kHz [imp]
TG.Lvl 1
CF.Stp off

Vid.Bw 1 MHz
RF.Att 40 dB
Unit [dBm]



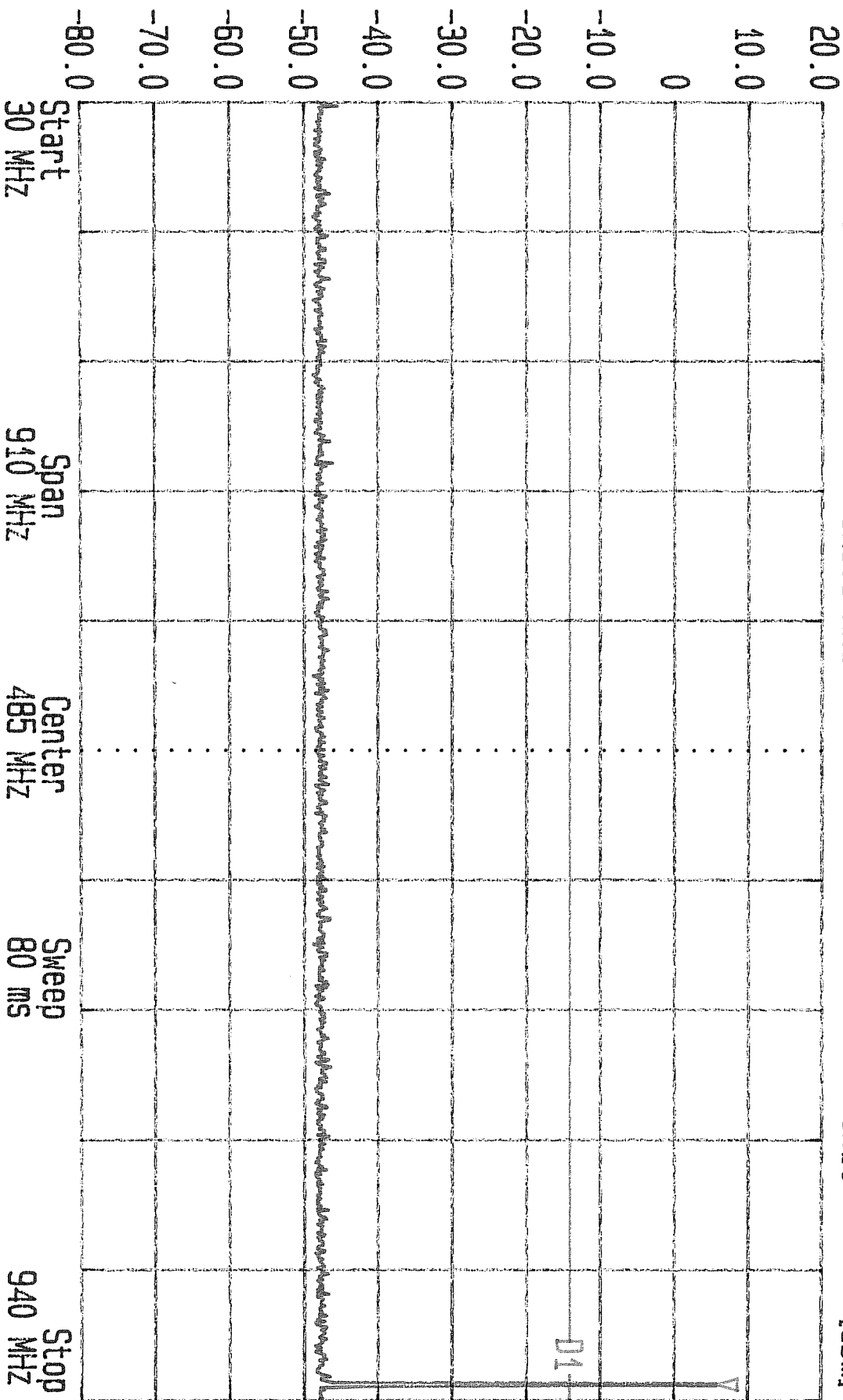


Date 14. Jun. '04 Time 16:06:12
Ref.Lvl 20.00 dBm Marker 5.94 dBm 929.8 MHz

Res.Bw 100 kHz [imp]
TG.Lvl off

CF.Stp 91.000 MHz

Vid.Bw 1 MHz
RF.Att Unit 40 dB [dBm]

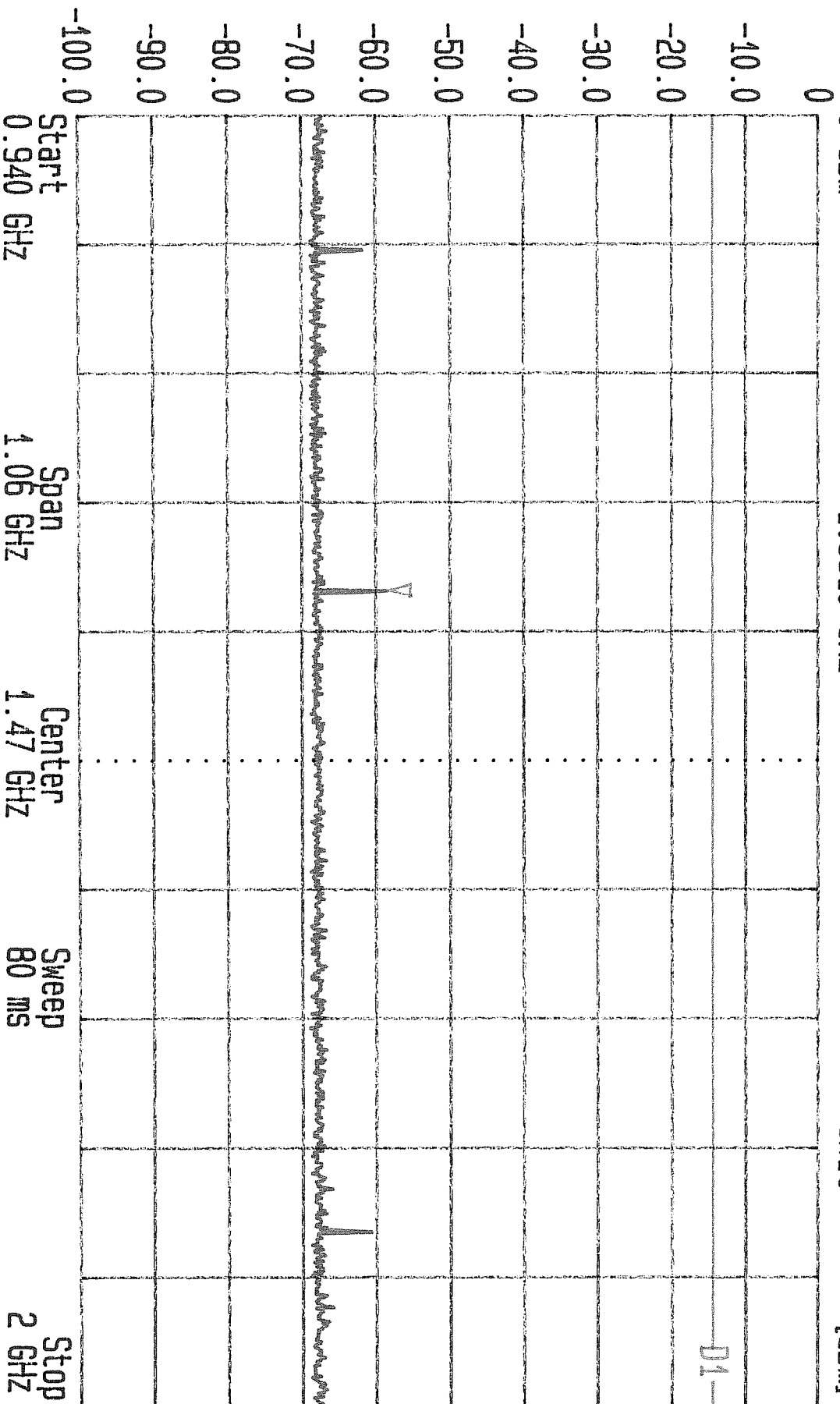




Date 14. Jun. '04 Time 16:09:34
Ref. Lvl 0 dBm Marker -57.99 dBm
1.3310 GHz

Res. BW 100 kHz [imp]
16. Lvl 1 off
CF. Stp 106.000 MHz

Vid. BW 1 MHz
RF. Att 20 dB
Unit [dBm]





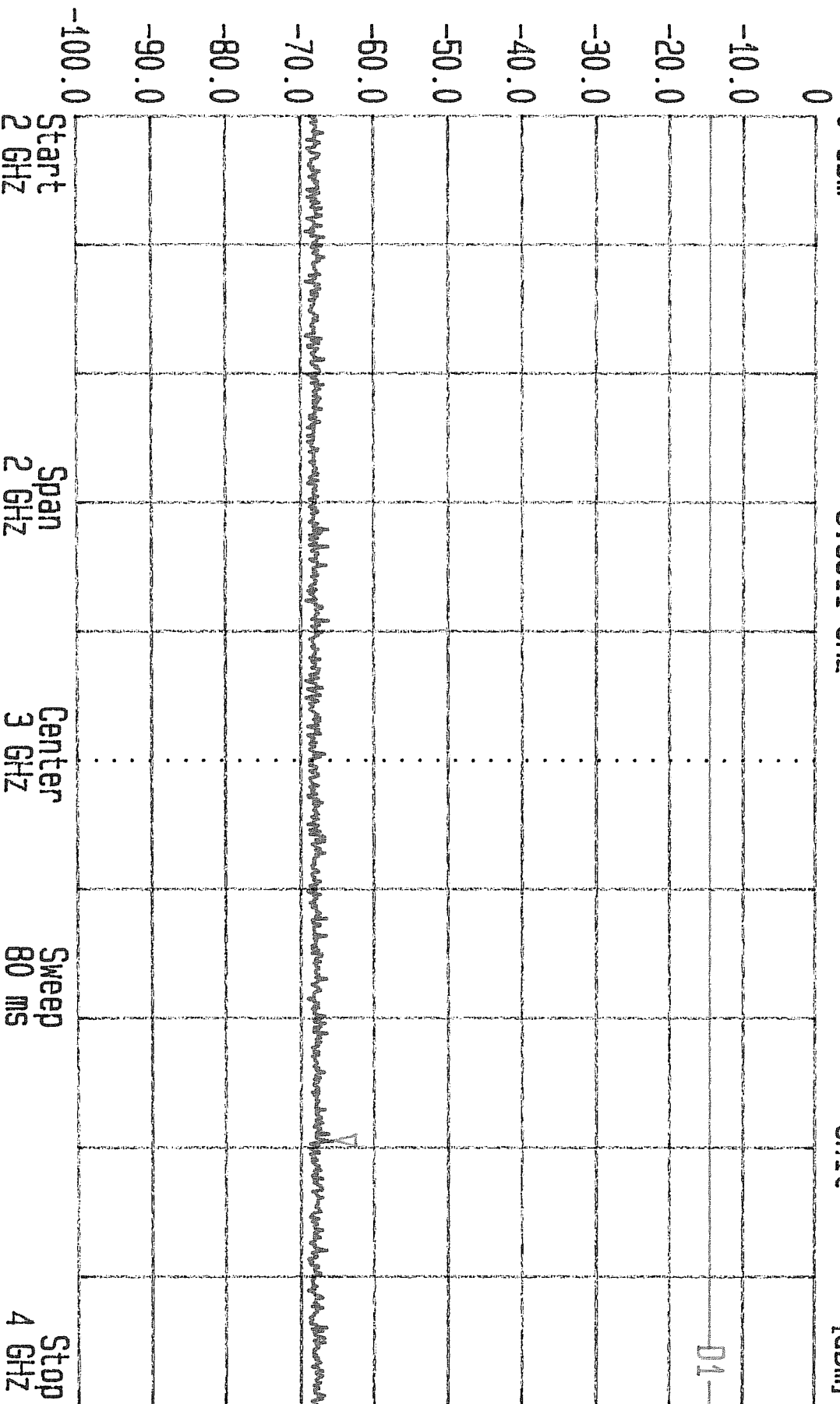
Date 14. Jun. '04 Time 16:12:51
Ref.Lvl 0 dBm Marker -65.26 dBm
3.5911 GHz

Res.Bw 100 kHz [imp]
TG.Lvl 16.Lvl 1
CF.Stp

200.000 MHz
off

Vid.Bw 1 MHz
RF.Att Unit

20 dB
[dBm]





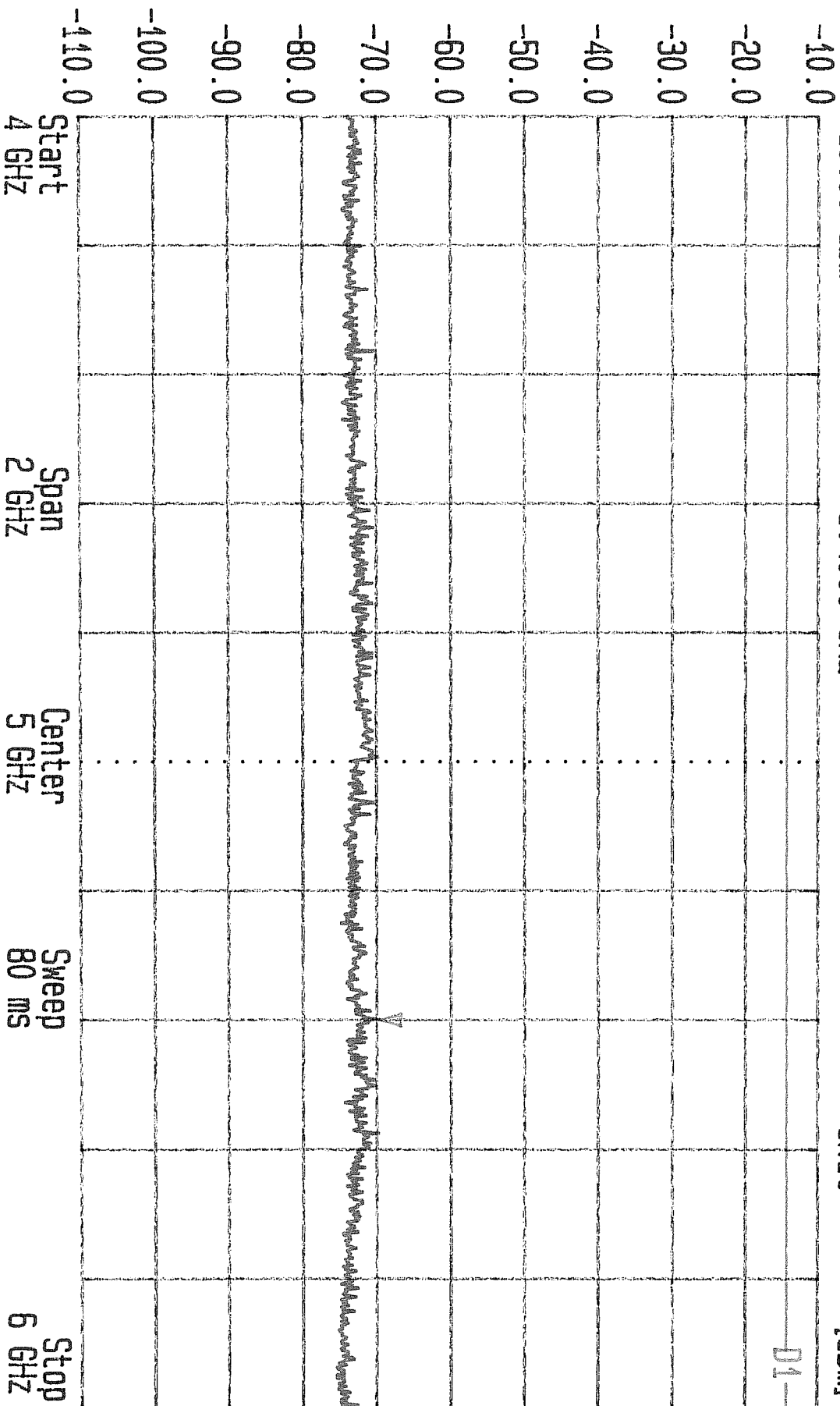
Date 14. Jun. '04 Time 16:17:51
Ref.Lvl -10.00 dBm
Marker -69.31 dBm
5.4000 GHz

Res.Bw 100 kHz [imp]
TG.Lvl off
CF.Stp

200.000 MHz

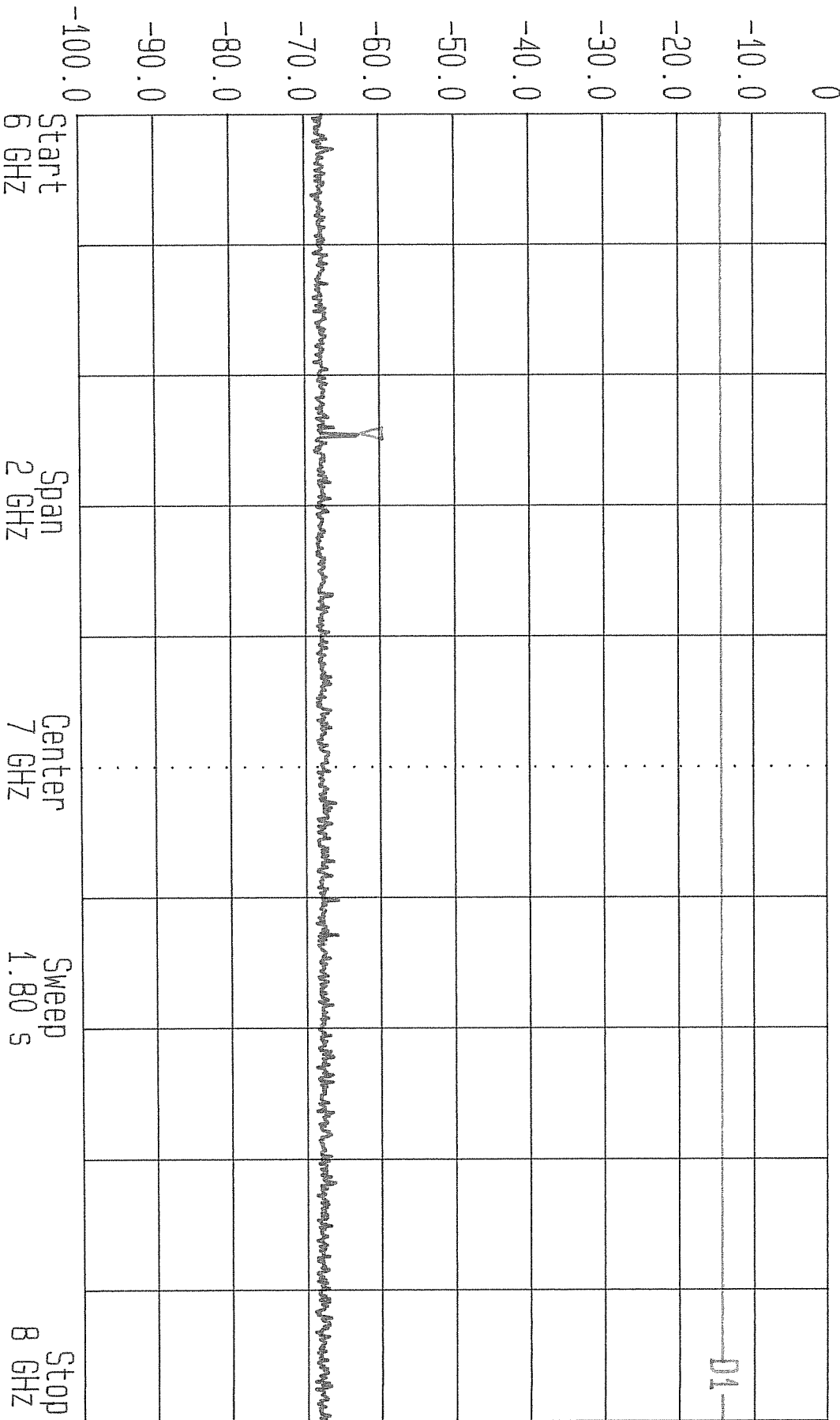
Vid.Bw 1 MHz
RF.Att Unit

20 dB [dBm]





Date 17. Jun. '04 Time 08:10:50 Res. Bw 100 kHz [imp]
Ref. Lvl Marker -62.36 dBm TG. Lvl off Vid. Bw 1 MHz
0 dBm 6.4911 GHz CF. Stp 200.000 MHz RF. Att 20 dB
Unit [dBm]



FI



Date 14.Jun.'04 Time 16:21:03
Ref.Lvl1 Marker -74.16 dBm
-10.00 dBm 8.0000 GHz

Res.Bw 100 kHz [imp]
16.Lvl1 off
CF.Stp 200.000 MHz

Vid.Bw 1 MHz
RF.Att Unit 20 dB [dBm]

