

FCC Part 15.247 Certification **Test Report**

FCC ID: R32-RFCU

FCC Rule Part: 15.247

ACS Report Number: 04-0170-15C

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

Conducted Spurious Emissions

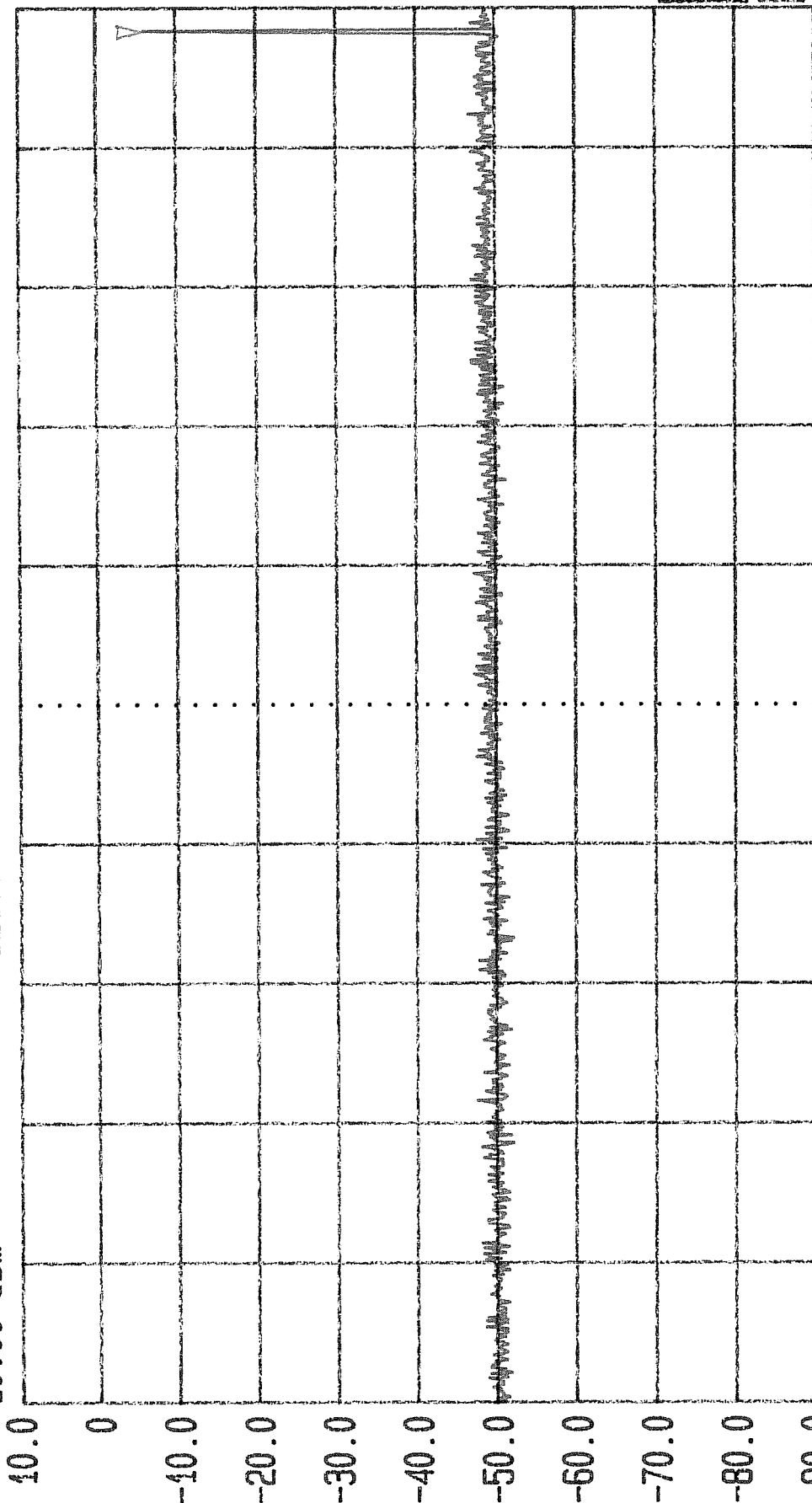
Conducted Spurious Emissions

High Channel



Date 25.May.'04 Time 11:01:38
Ref.Lvl
10.00 dBm
Marker
-5.54 dBm
925.8 MHz

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



Start
30 MHz

Span
910 MHz

Center
485 MHz

Sweep
580 ms

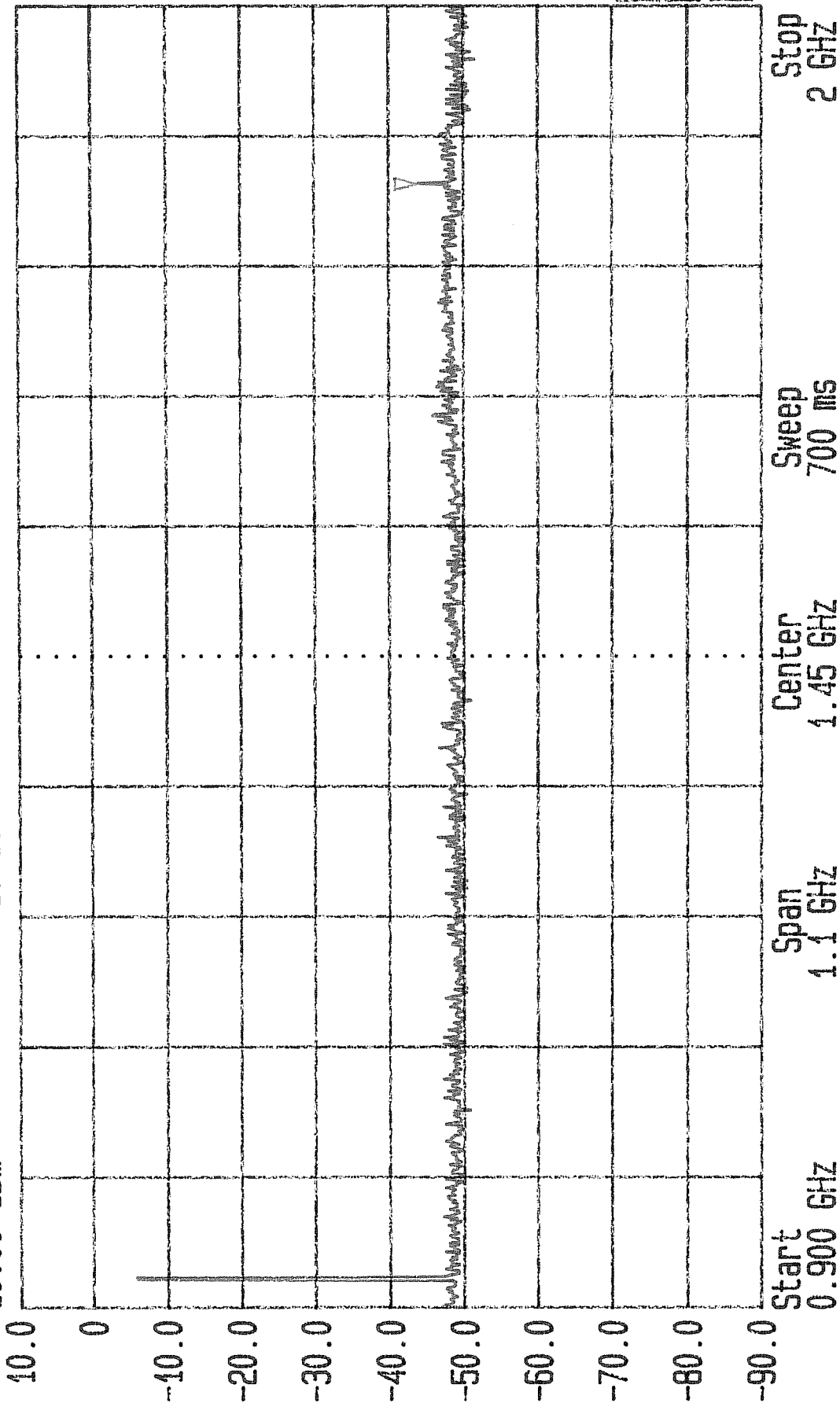
Stop
940 MHz

PA
10
FI



Date 25.May.'04 Time 11:05:07
Ref.Lvl
10.00 dBm
Marker
-43.42 dBm
1.8508 GHz

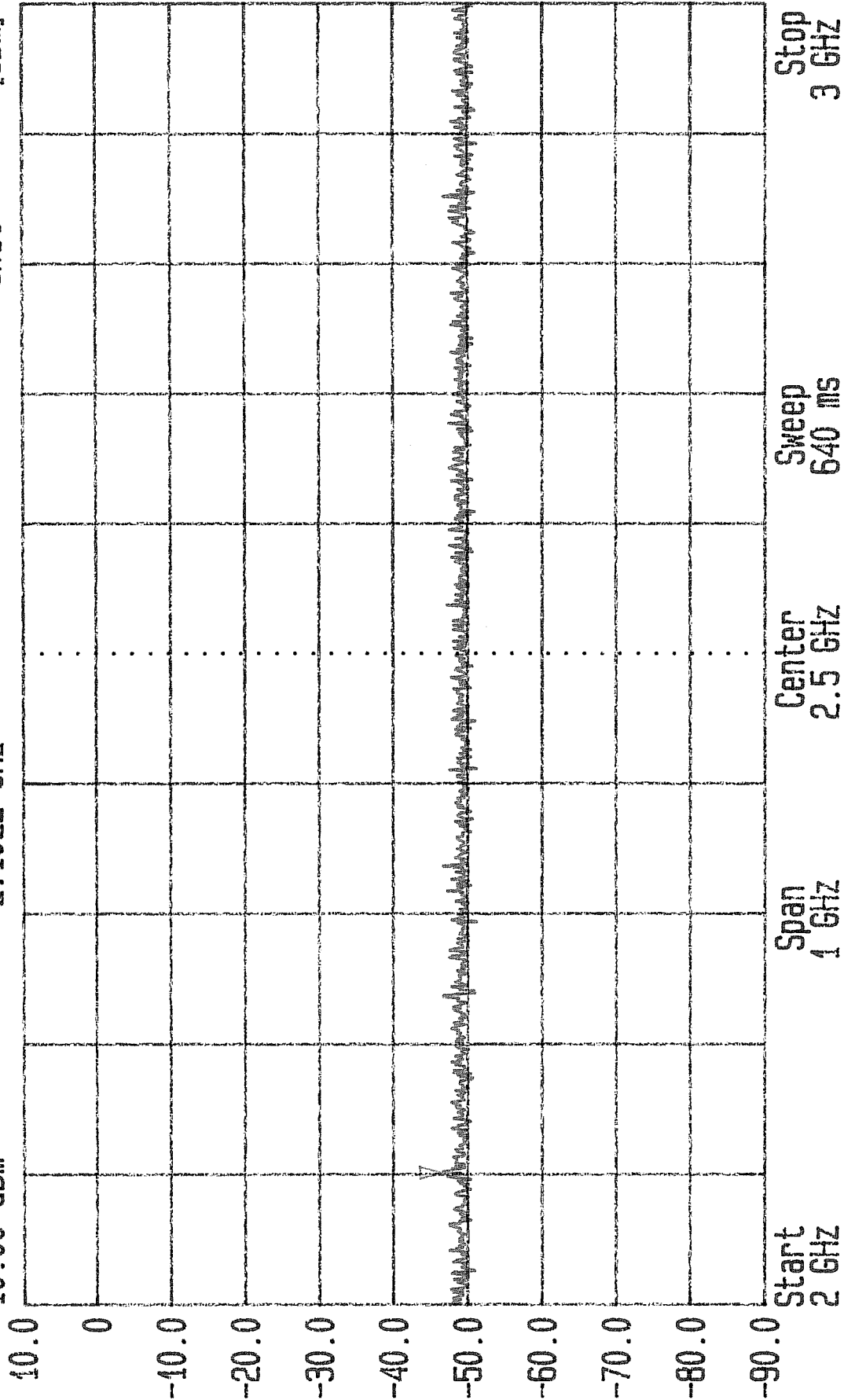
Res.Bw 100 kHz [imp]
16.Lvl
CF.Stp
Vid.Bw 300 kHz
RF.Att 50 dB
Unit [dBm]





Date 25.May.'04 Time 11:08:27
Ref.Lvl 10.00 dBm
Marker -46.17 dBm
2.1022 GHz

Res.Bw 100 kHz [imp] off
100 kHz [imp] off
Vid.Bw 300 kHz
CF.Stp 924.870 MHz
RF.Att 50 dB
Unit [dBm]



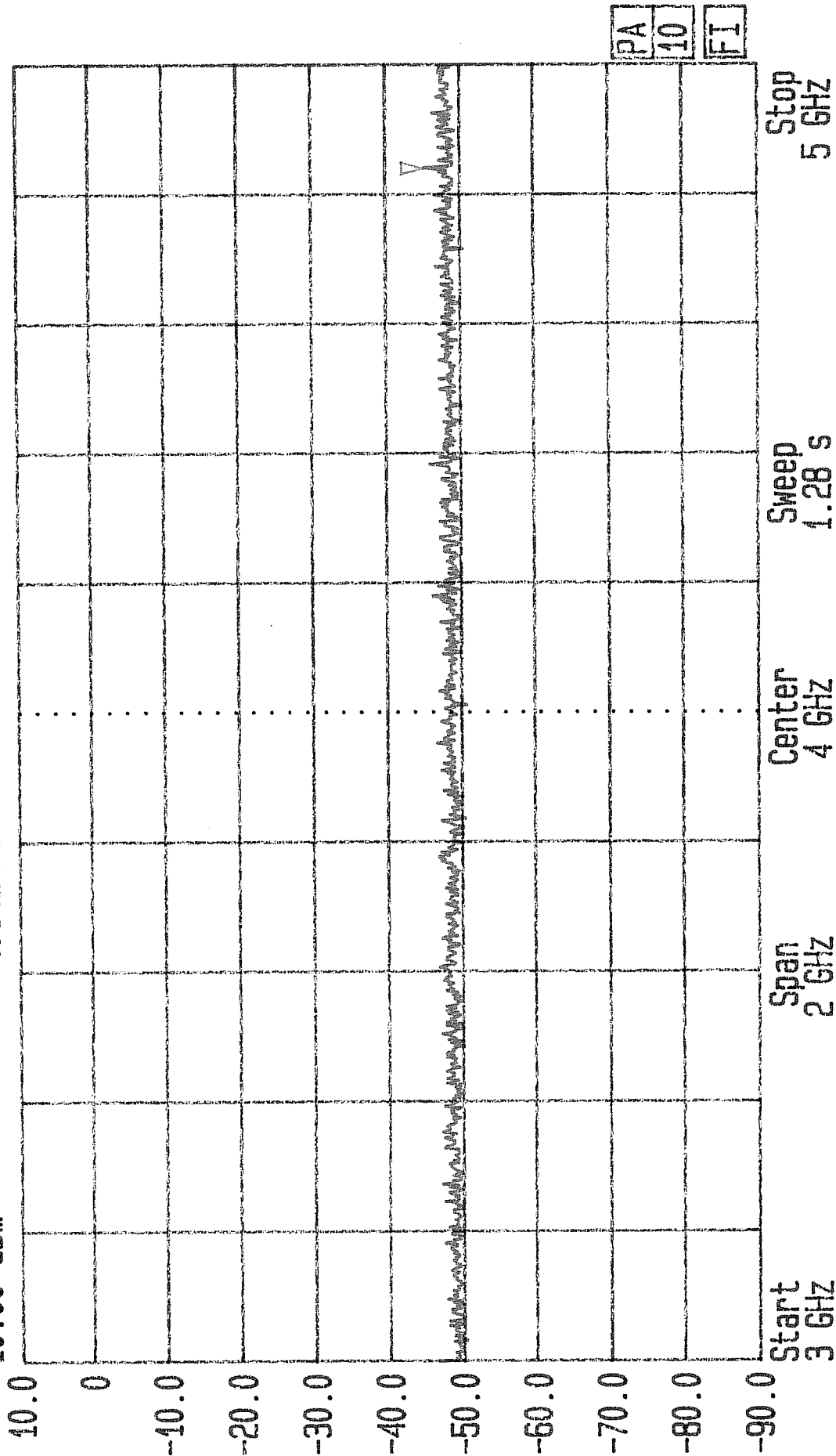


Date 25.May.'04 Time 11:12:04

Ref.Lvl
10.00 dBm

Marker
-44.90 dBm
4.8422 GHz

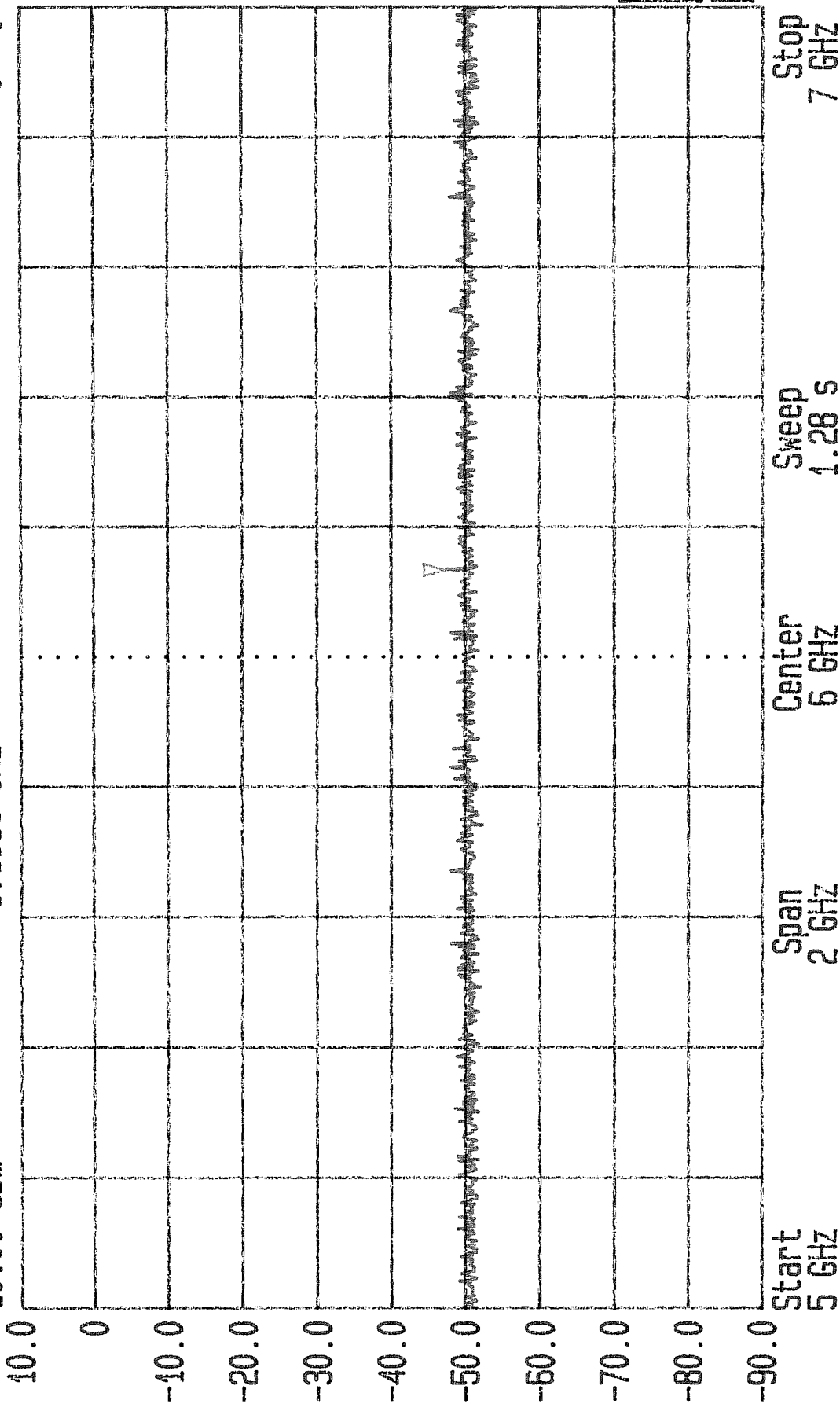
Res.Bw 100 kHz [imp]
TG.Lvl Off
CF.Stp 924.870 MHz
Vid.Bw 300 kHz
HF.Att 50 dB
Unit [dBm]





Date 25.May.'04 Time 11:15:27
Ref.Lvl 10.00 dBm
Marker -46.95 dBm
6.1355 GHz

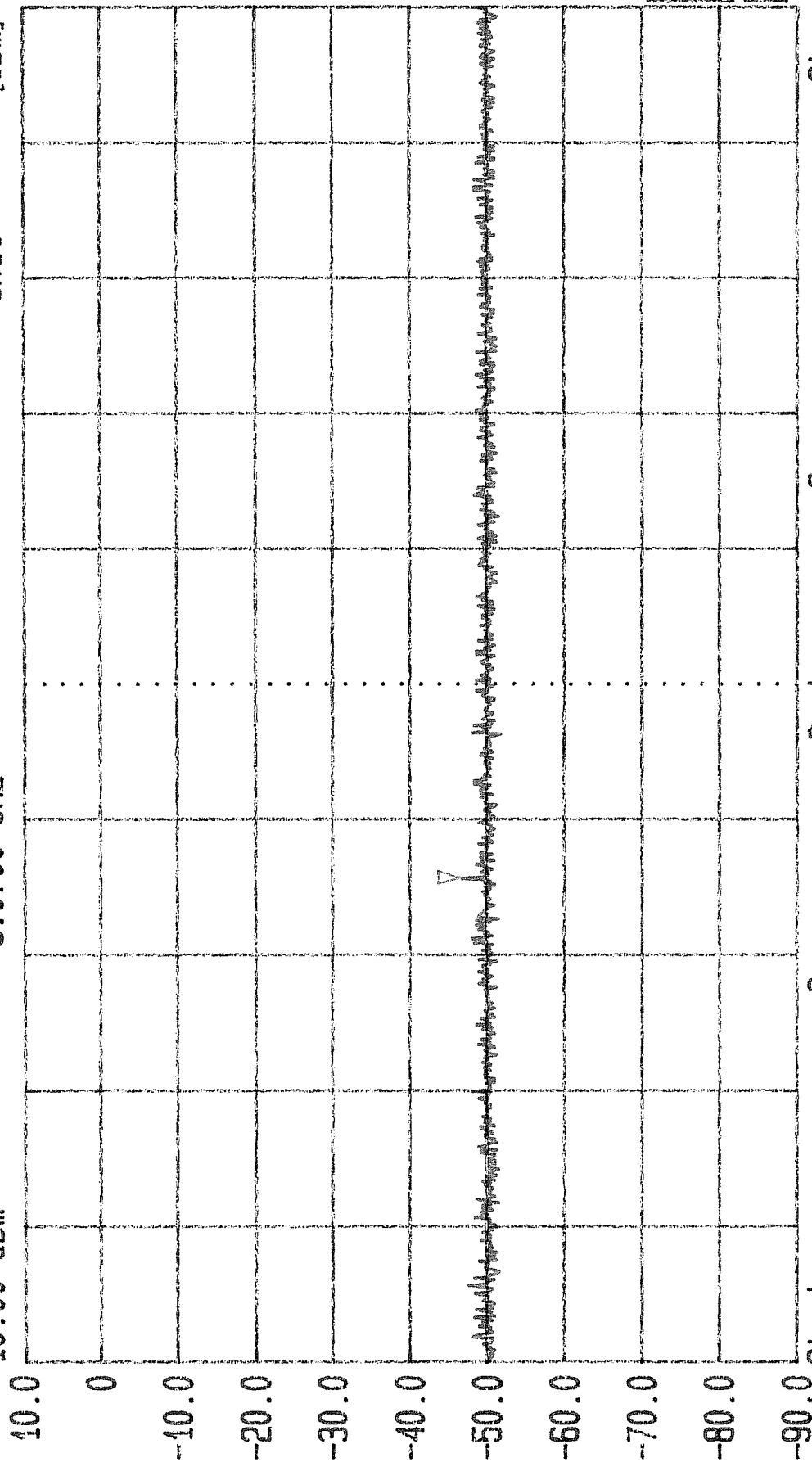
Res.Bw 100 kHz [imp] 300 kHz
TG.Lvl Off
CF.Stp 924.870 MHz
Vid.Bw 50 dB
Unit [dBm]





Date 25.May.'04 Time 11:18:42
Ref.Lvl 10.00 dBm
Marker -46.29 dBm
8.0700 GHz

Res.Bw 100 kHz [imp]
TG.Lvl off
CF.Stp 924.870 MHz
Vid.Bw 300 kHz
AF.Att 50 dB
Unit [dBm]



Conducted Spurious Emissions

Mid Channel



Date 25.May.'04 Time 10:37:27

Ref.Lvl 10.00 dBm

Marker -5.64 dBm

919.7 MHz

Res.Bw 100 kHz [imp]

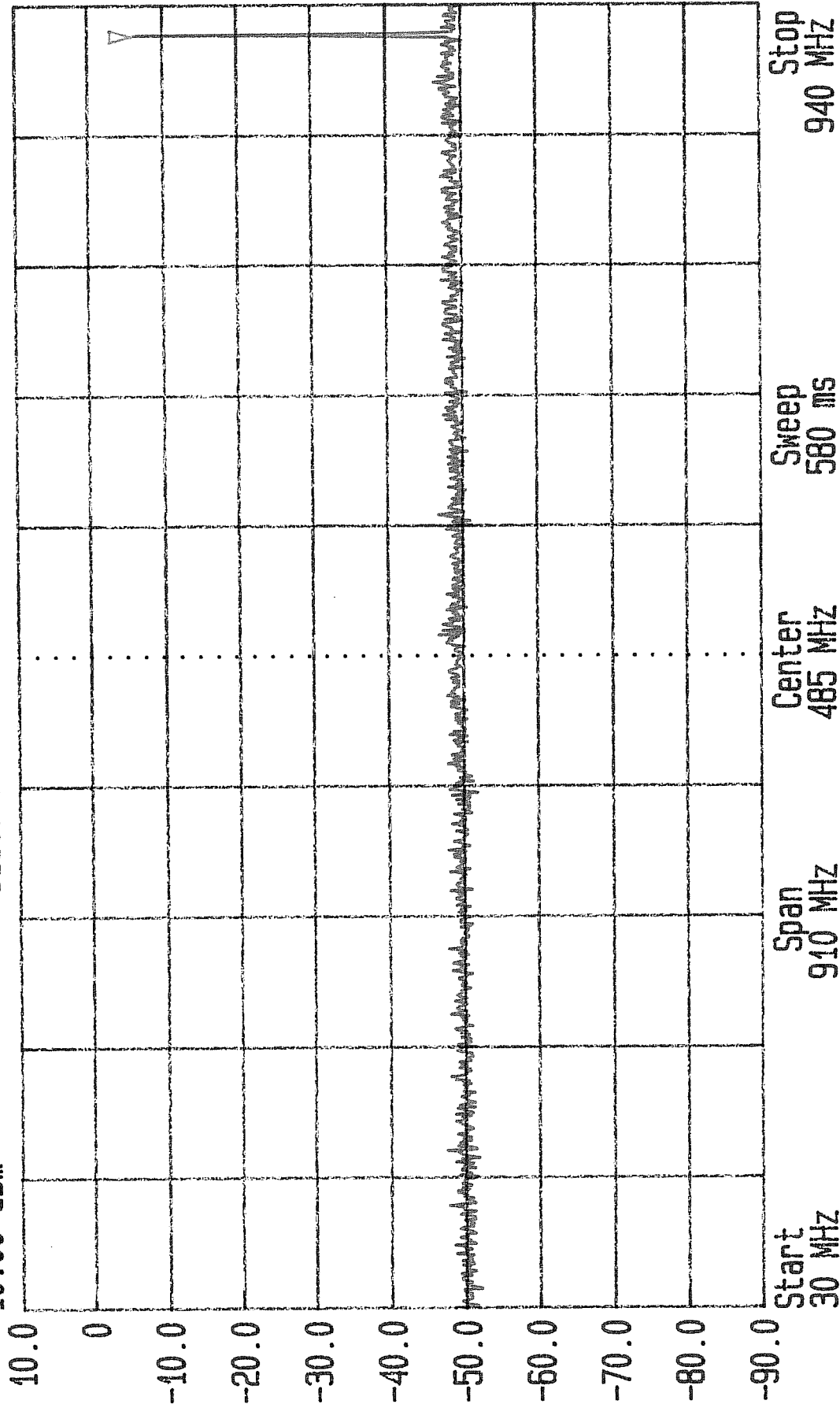
TG.Lvl Off

CF.Stp 924.870 MHz

Vid.Bw 300 kHz

RF.Att 50 dB

[dBm]





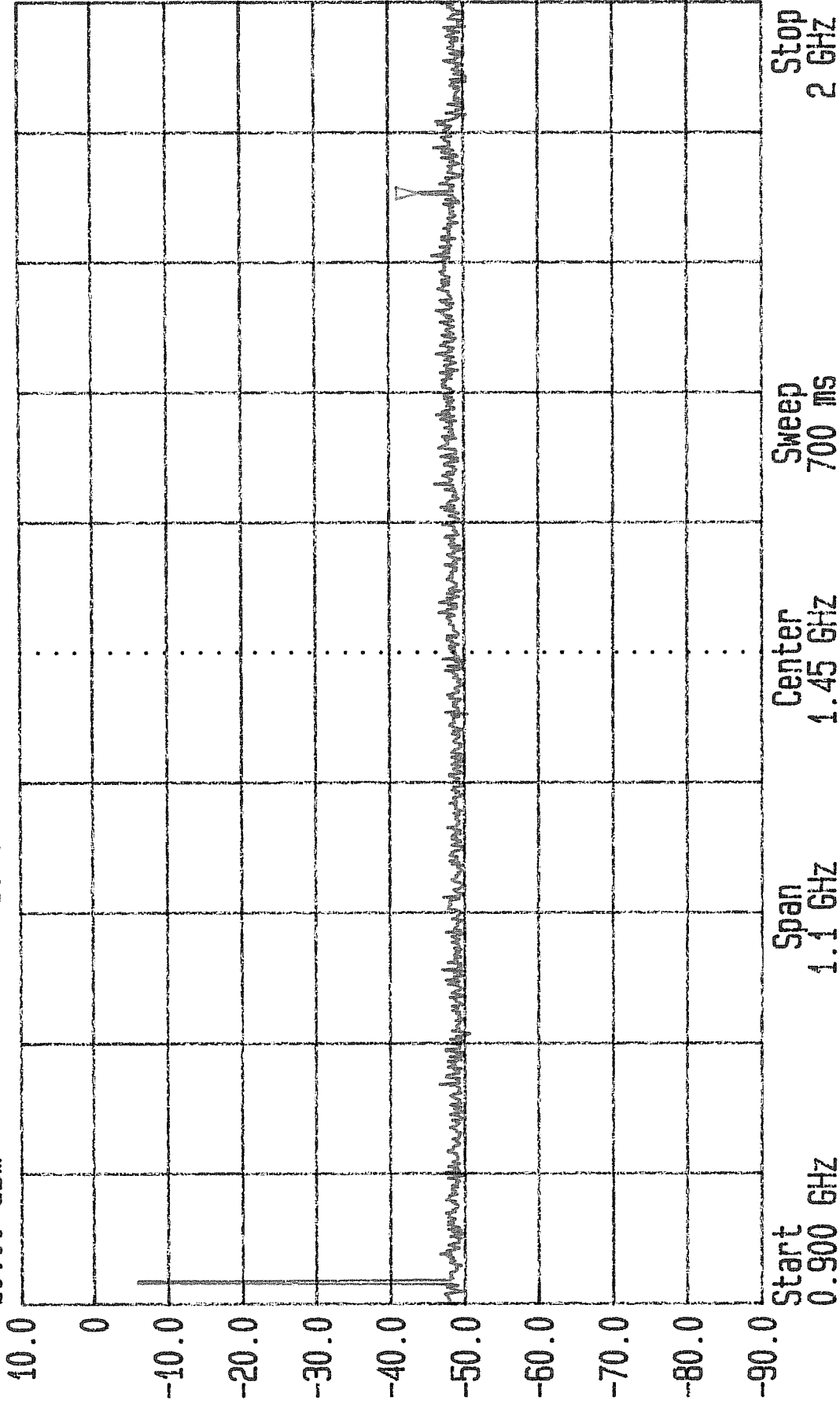
Date 25.May.'04 Time 10:41:08

Ref.Lvl 10.00 dBm

Marker -43.80 dBm

1.8398 GHz

Res.Bw 100 kHz [imp]
TG.Lvl off
CF.Stp 924.870 MHz
Vid.Bw 300 kHz
RF.Att 50 dB
Unit [dBm]

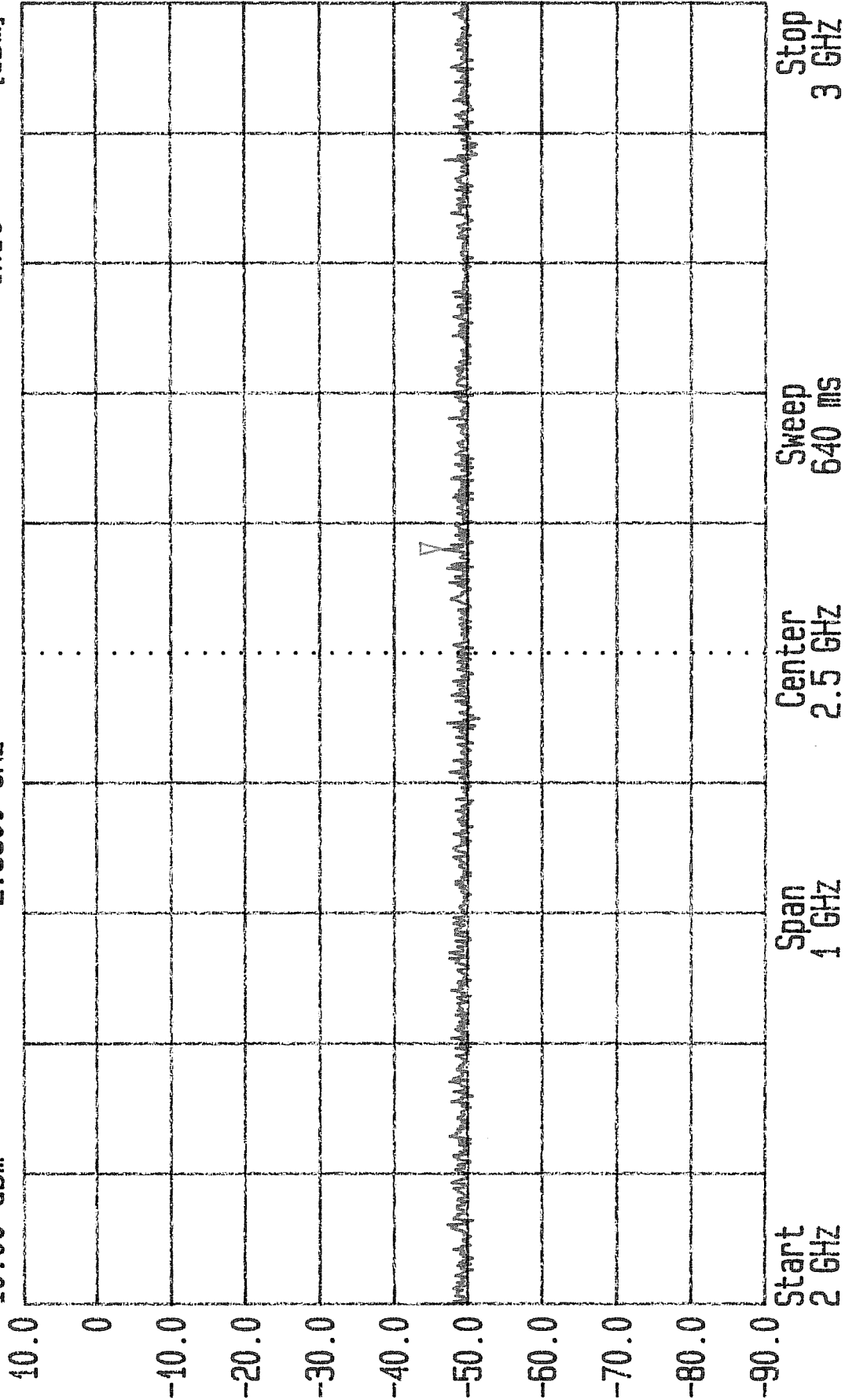


PA
10
FI



Date 25.May.'04 Time 10:44:27
Ref.Lvl 10.00 dBm
Marker -46.24 dBm
2.5800 GHz

Res.Bw 100 kHz [imp]
TG.Lvl off
CF.Stp 924.870 MHz
Vid.Bw 300 kHz
RF.Att 50 dB
Unit [dBm]

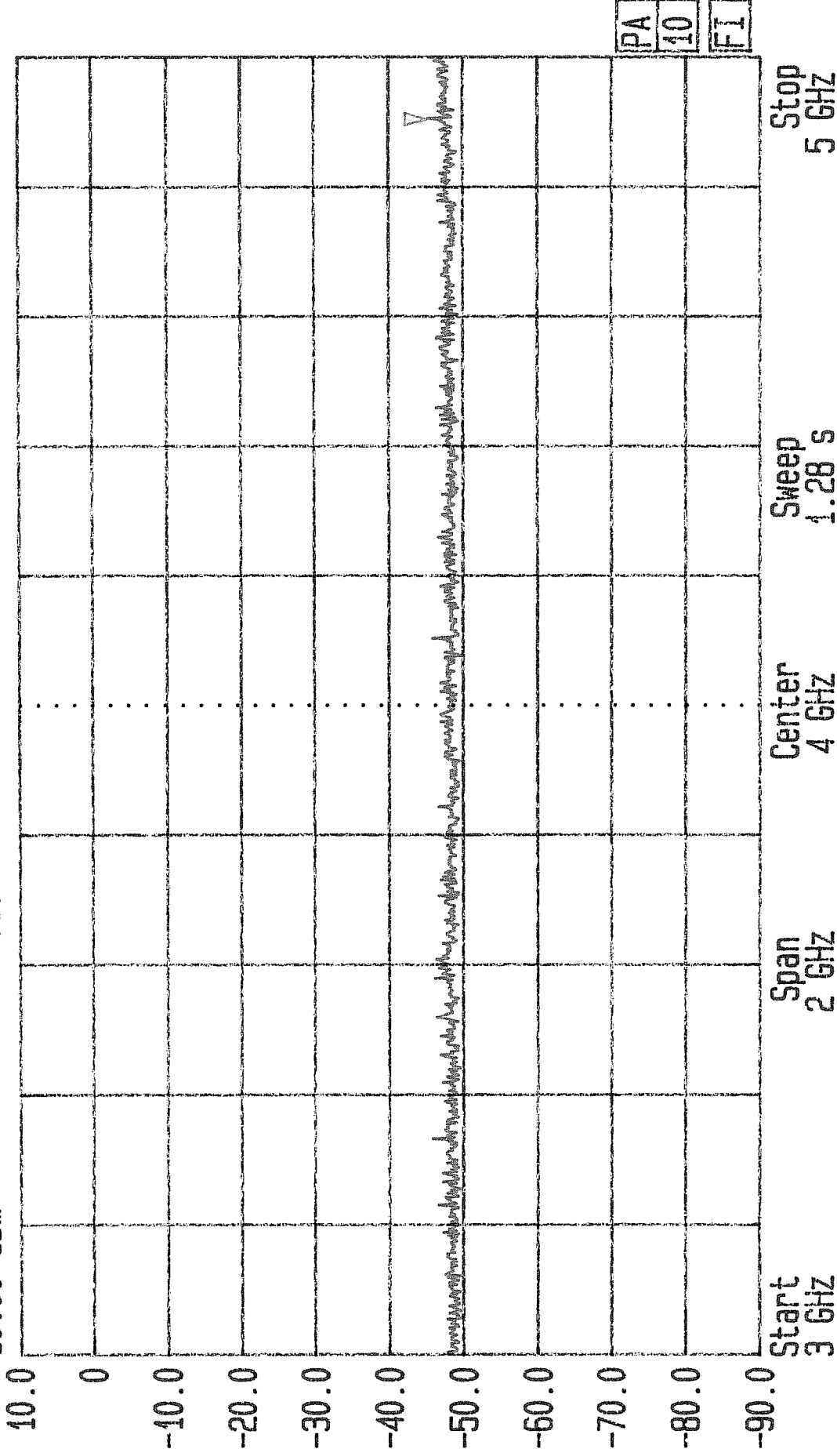


PA
10
FI



Date 25.May.'04 Time 10:47:50
Ref.Lvl 10.00 dBm
Marker -44.90 dBm
4.9066 GHz

Res.Bw 100 kHz [imp]
TG.Lvl Off
CF.Stp 924.870 MHz
Vid.Bw 300 kHz
RF.Att 50 dB
Unit [dBm]





Date 25.May.'04 Time 10:51:31

Ref.Lvl Marker

10.00 dBm

-47.64 dBm

6.1688 GHz

Res.Bw

TG.Lvl

CF.Stp

100 kHz [imp]

off

924.870 MHz

Vid.Bw

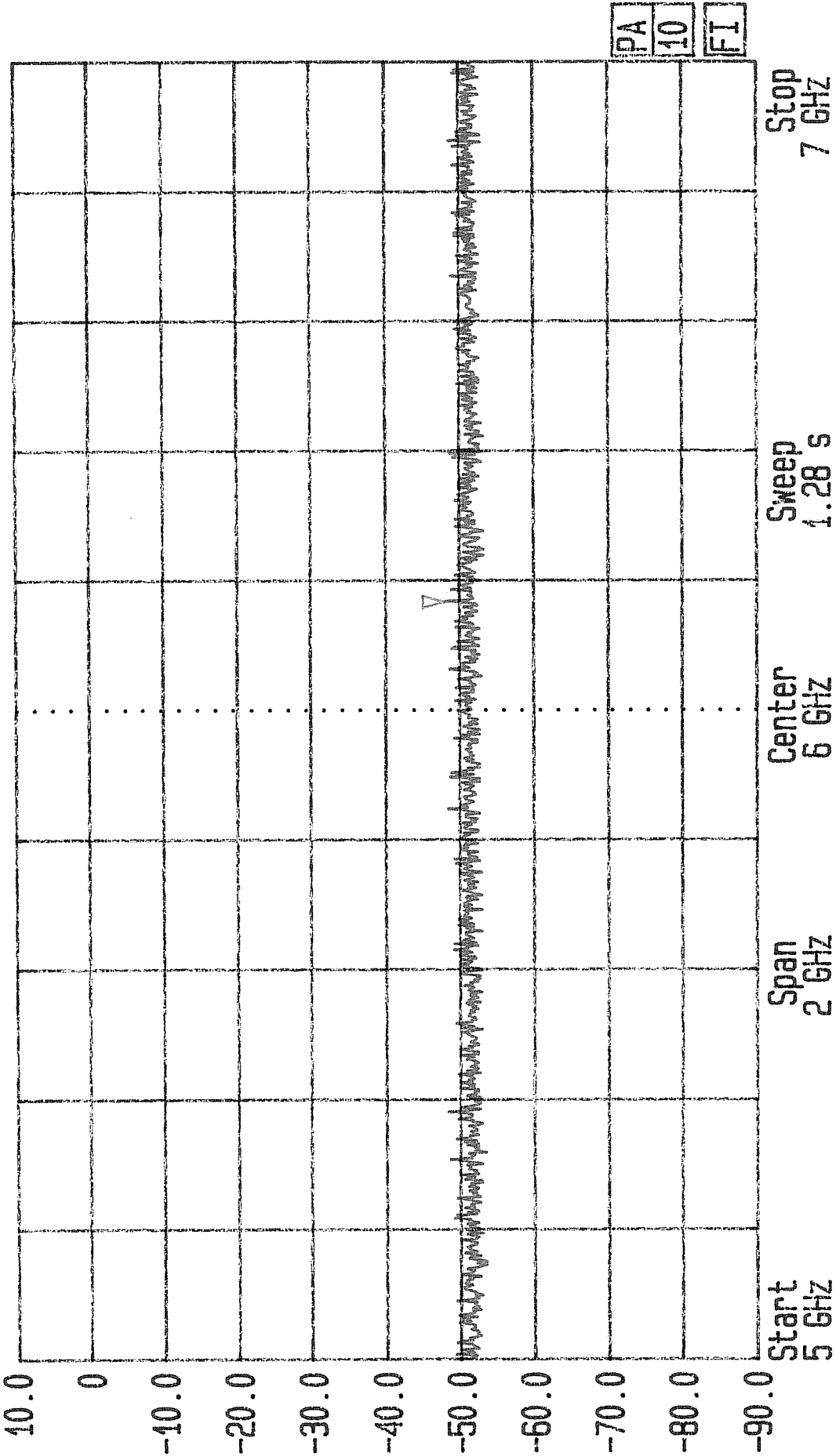
AF.Att

Unit

300 kHz

50 dB

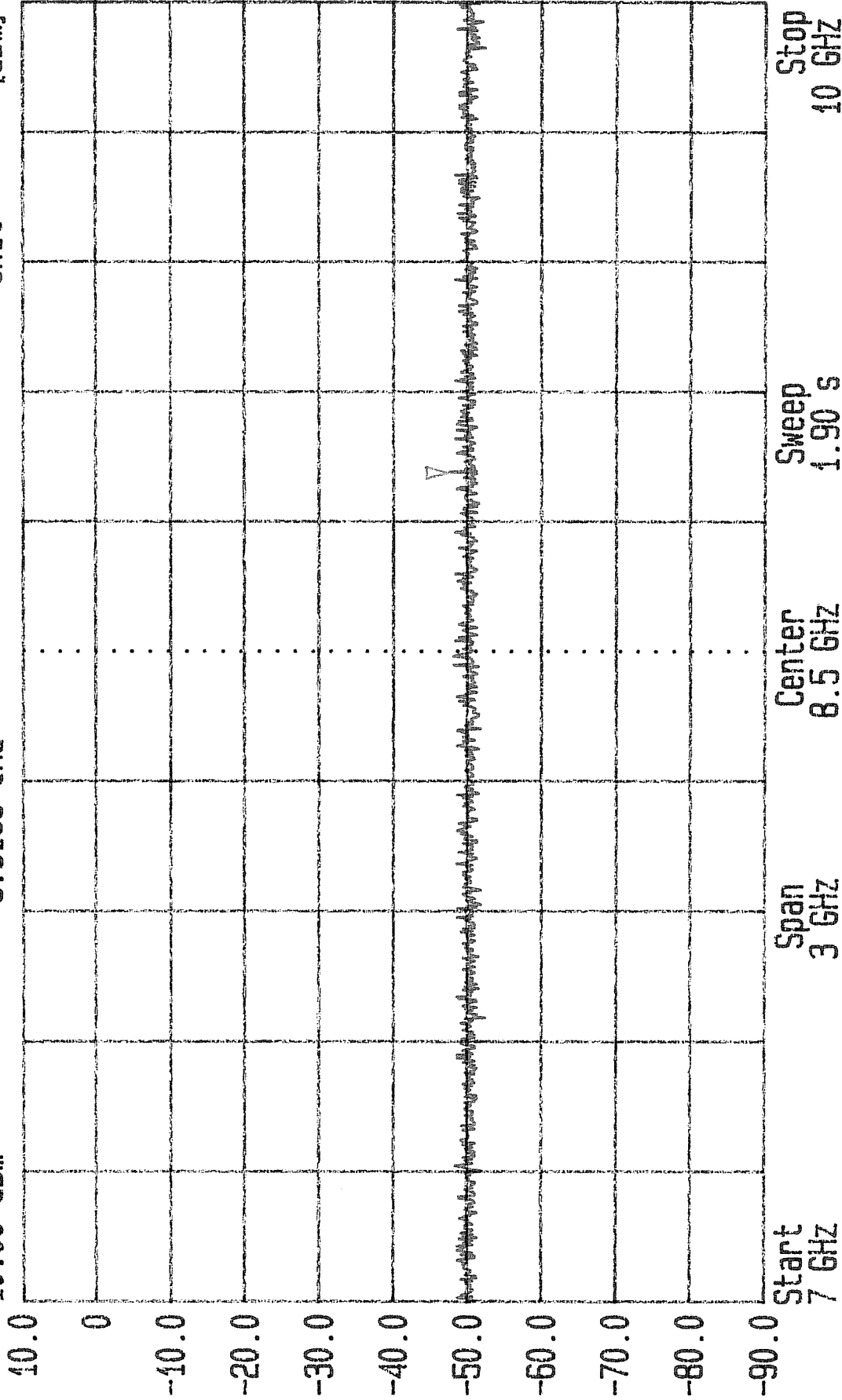
[dBm]





Date 25.May.'04 Time 10:55:55
Ref.Lvl 10.00 dBm
Marker -47.05 dBm
8.9166 GHz

Res.Bw 100 kHz [imp]
TG.Lvl off
CF.Stp 924.870 MHz
Vid.Bw 300 kHz
RF.Att 50 dB
Unit [dBm]



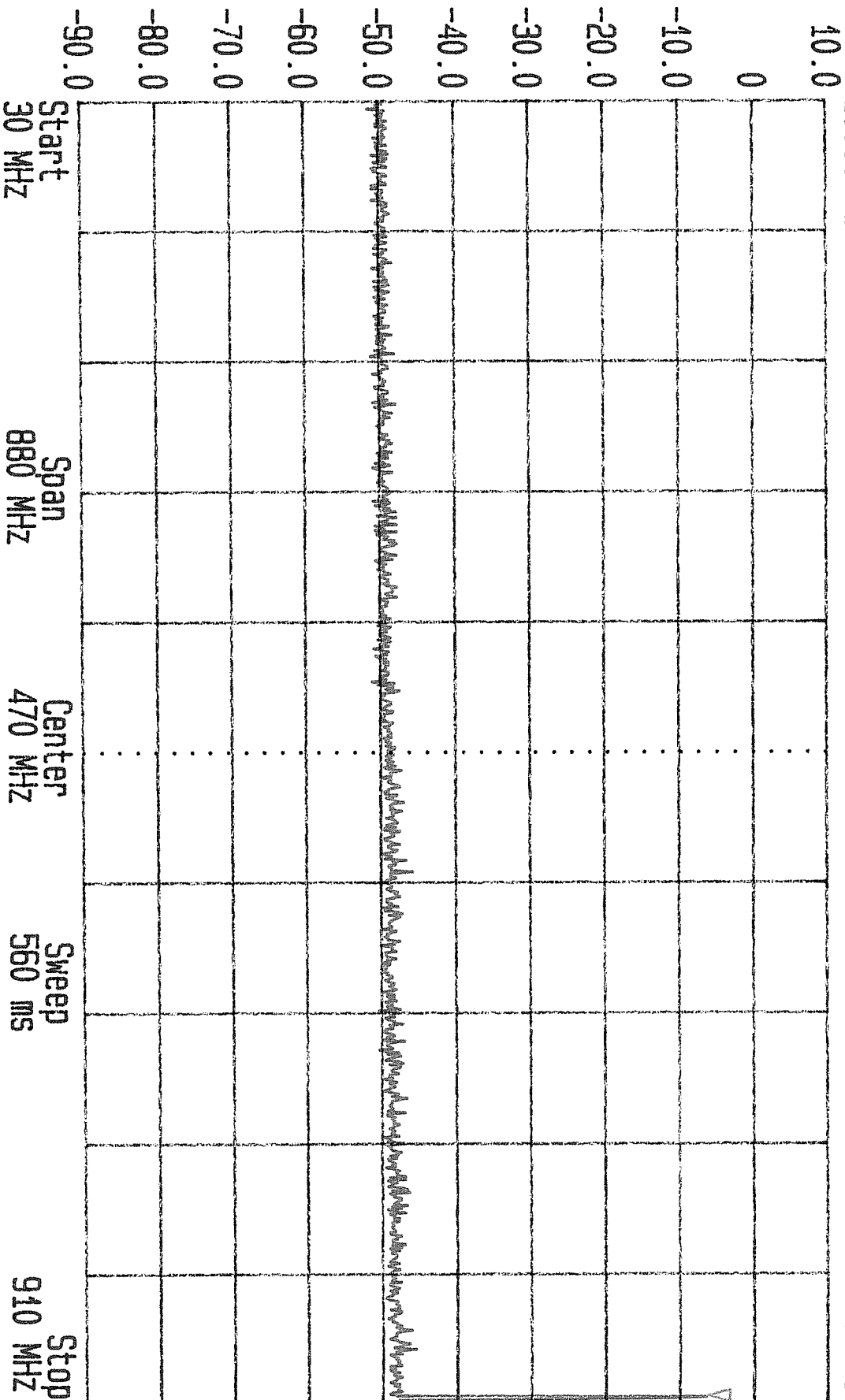
PA
10
FI

Conducted Spurious Emissions

Low Channel



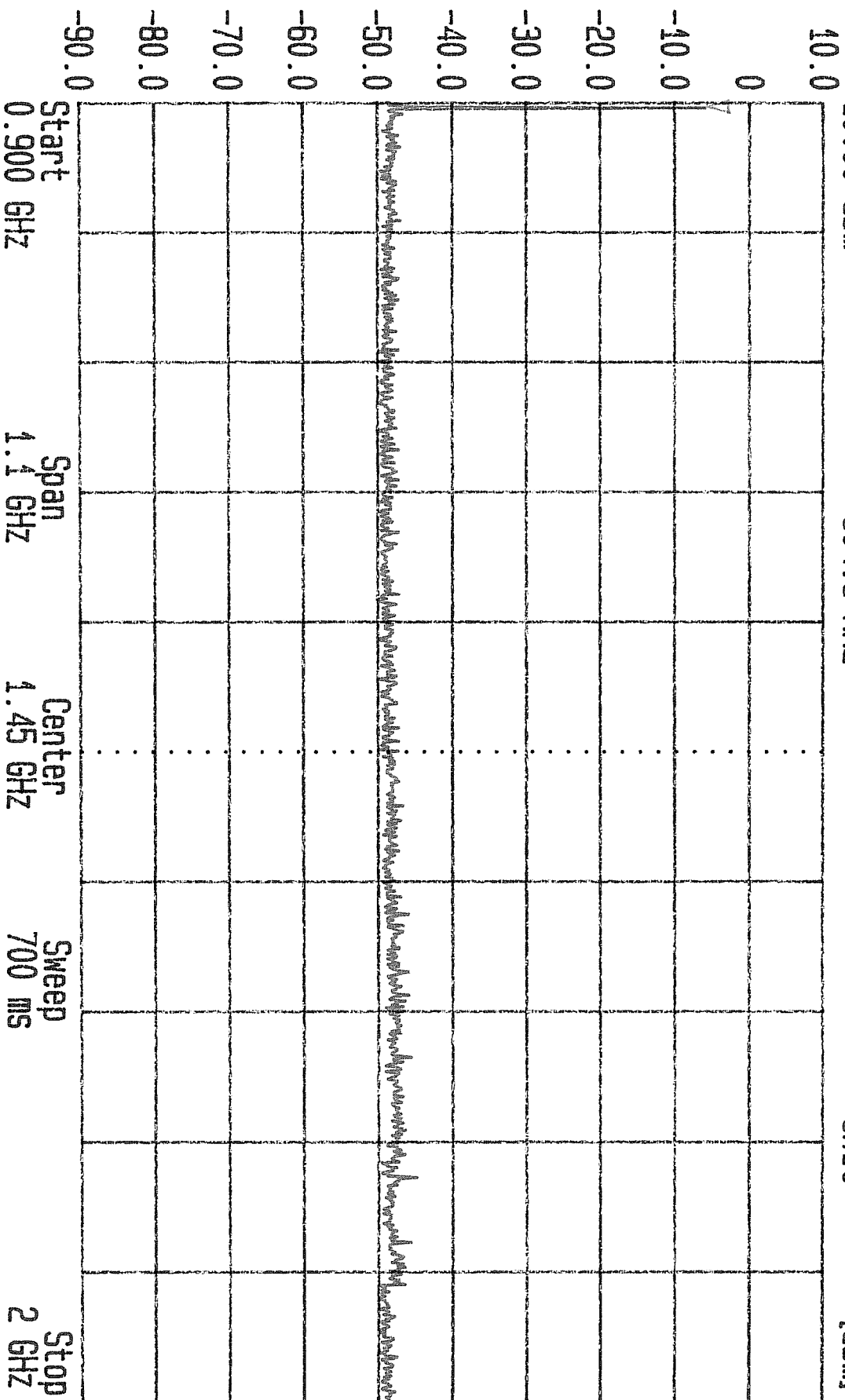
Date 25. May. '04 Time 10:15:14 Res. Bw 100 kHz [imp]
Ref. Lvl 10.00 dBm Marker -5.89 dBm CF. Stp 924.870 MHz off Vid. Bw 300 kHz
RF. Att Unit 50 dB [dBm]



PA
10
FI



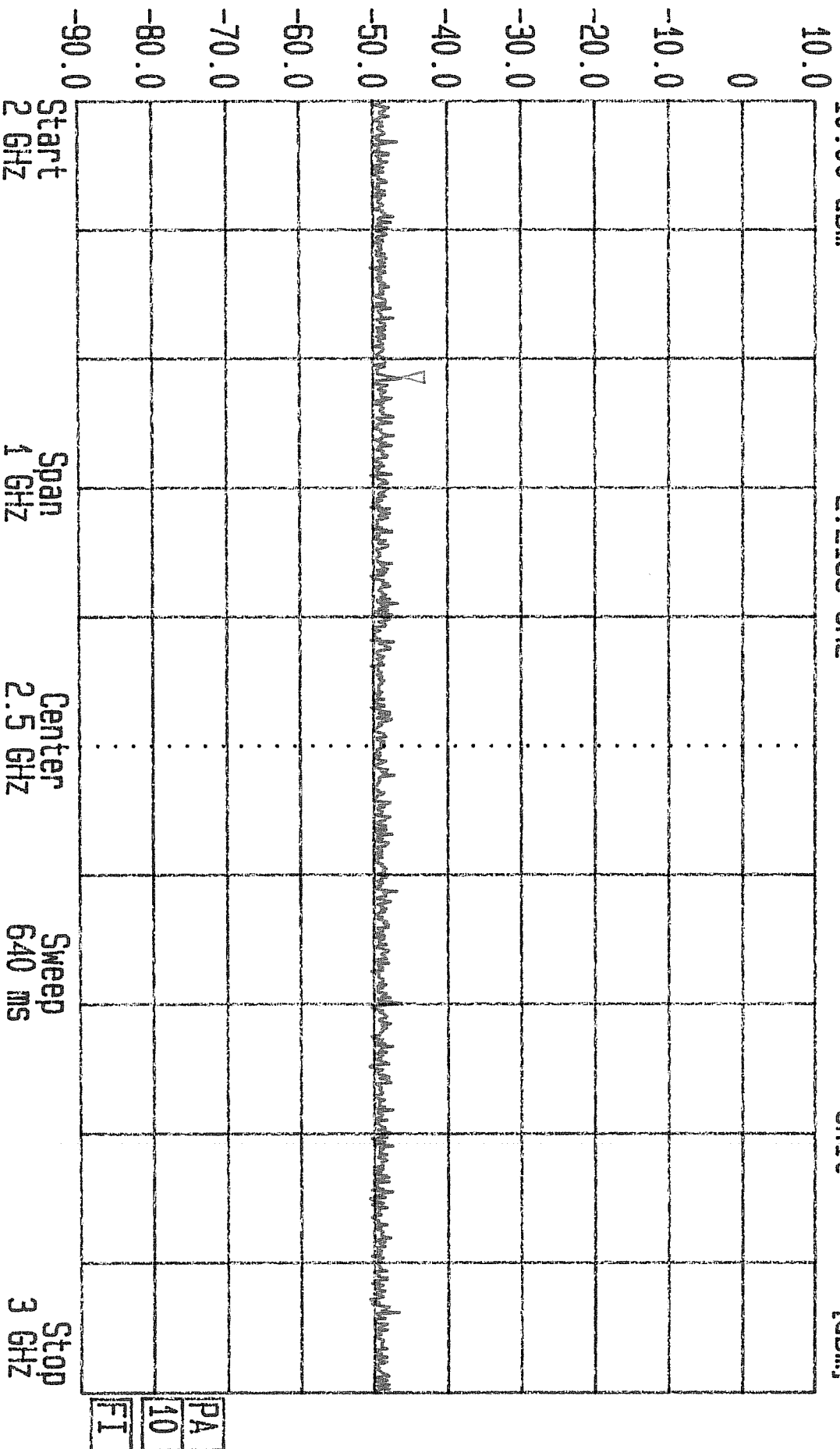
Date 25.May.'04 Time 10:18:39 Res.Bw 100 kHz [imp] Vid.Bw 300 kHz
Ref.Lvl 10.00 dBm Marker -5.38 dBm TG.Lvl 924.870 MHz off RF.Att 50 dB
Unit [dBm]



PA
10
FI

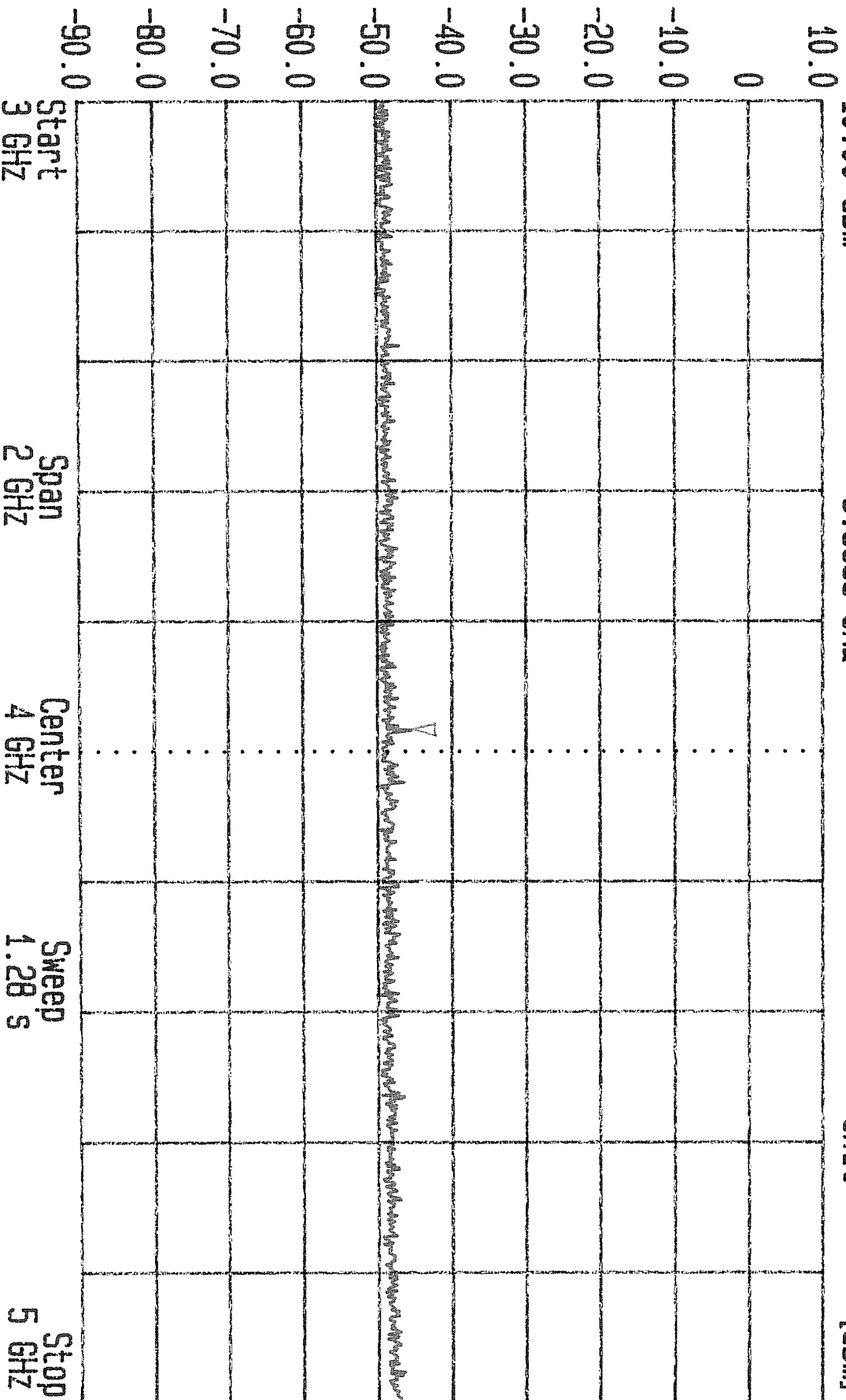


Date	25.May.	'04	Time	10:22:01	Res.Bw	100 kHz [imp]	Vid.Bw	300 kHz
Ref.Lvl		Marker		-45.73 dBm	16.Lvl	off	RF:Att	50 dB
10.00 dBm				2.2155 GHz	CF.Stp	924.870 MHz	Unit	[dBm]





Date 25.May.'04 Time 10:25:23 Res.Bw 100 kHz [imp]
Ref.Lvl 10.00 dBm Marker -44.90 dBm CF.Stp 16.Lvl 924.870 MHz off Vid.Bw 300 kHz
RF.Att 50 dB Unit [dBm]



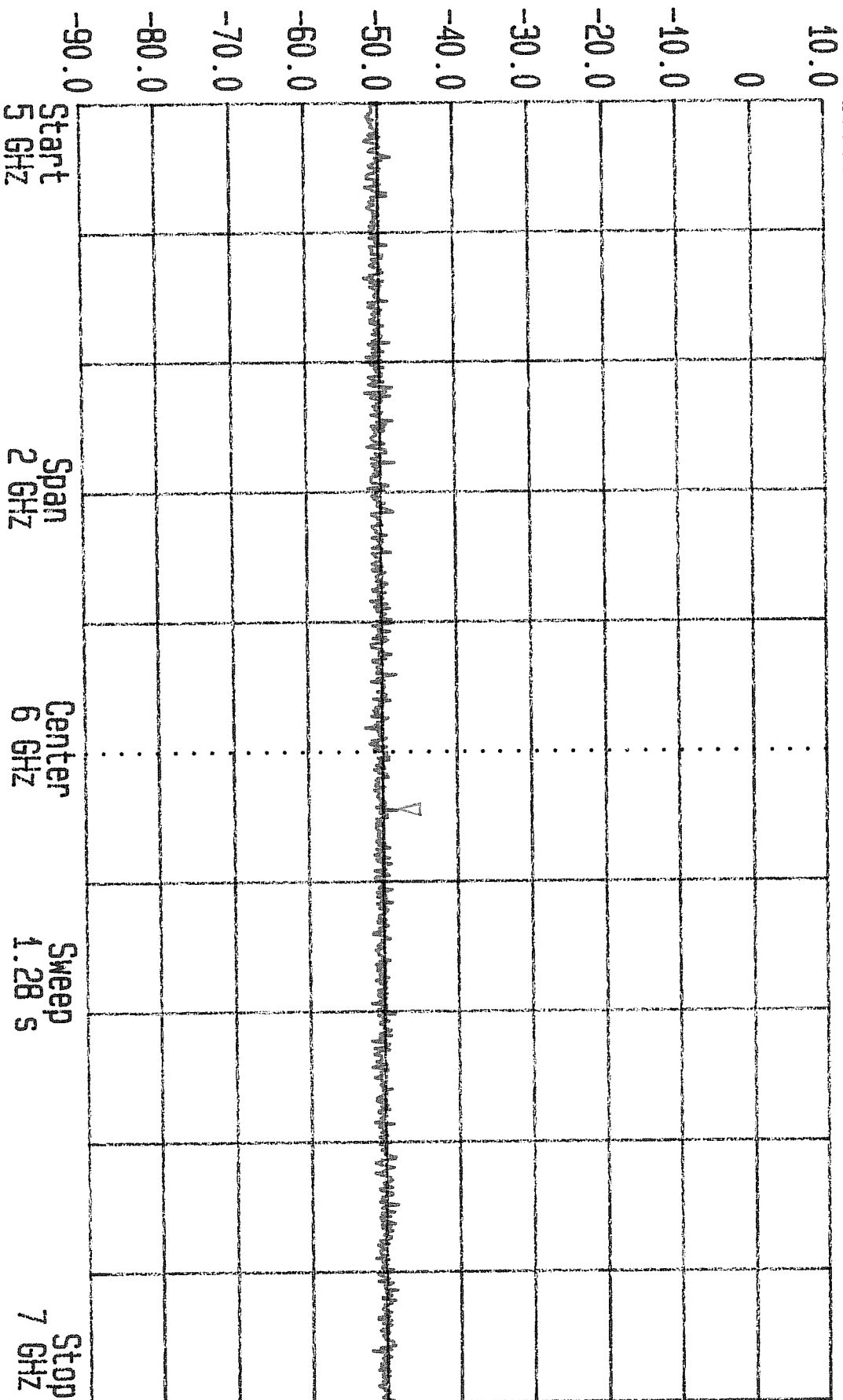
PA
10
FI



Date 25.May.'04 Time 10:28:39
Ref.Lvl 10.00 dBm
Marker -47.59 dBm
6.0911 GHz

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

Vid.Bw 300 kHz
RF.Att 50 dB
Unit [dBm]



PA
10
FI

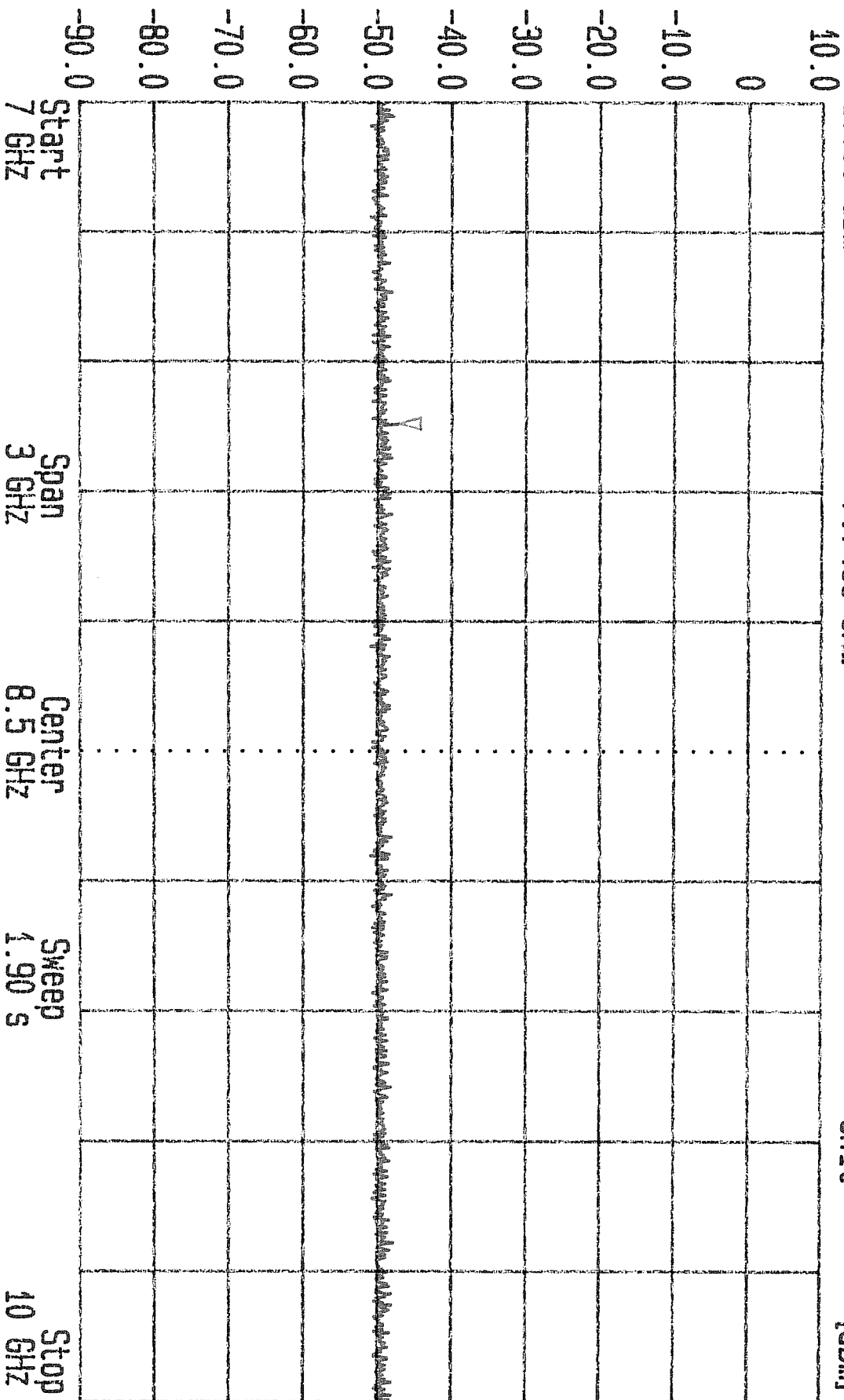


Date 25.May.'04 Time 10:32:19
Ref.Lvl 10.00 dBm Marker -46.90 dBm
7.7466 GHz

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

100 kHz [imp]
off
924.870 MHz

Vid.Bw 300 kHz
RF.Att 50 dB
Unit [dBm]



PA
10
F1