



**GRAPH SECTION 1
FOR RFI TEST REPORT SERIAL NO:
RFI/EMCB2/RP42685JD06**

Test Of: Maynetronics Ltd
NOMAD W4-2

To: FCC Part 15 Subpart C: 2000
(Intentional Radiators)
Section 15.249 and 15.209

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NOMAD W4-2**

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This appendix contains the following graphs:

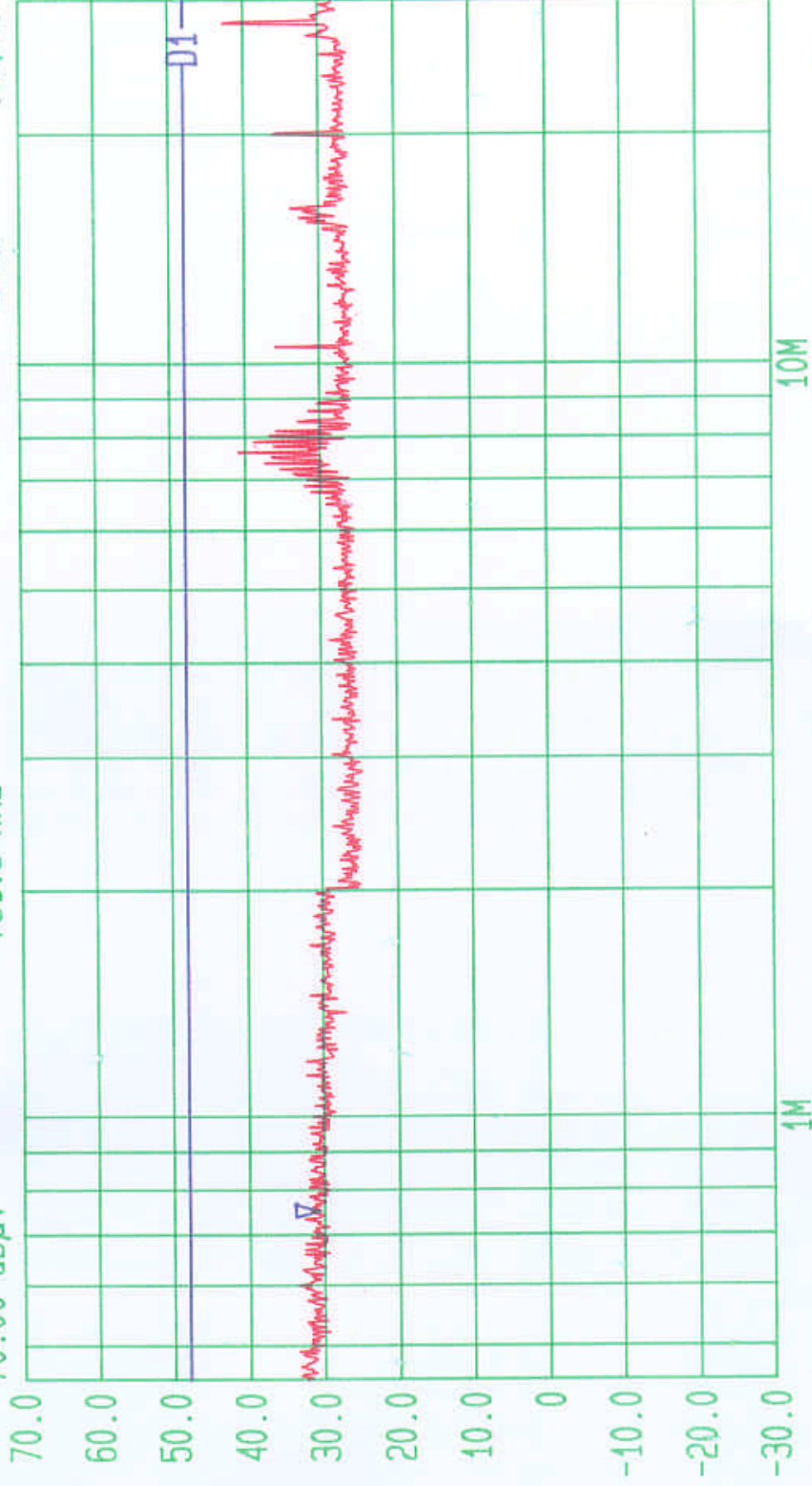
Graph Reference Number	Title
GPH\42685JD06\CE01	Conducted Emissions transmit mode with TAG (450kHz to 30 MHz)
GPH\42685JD06\RE01	Radiated Emissions transmit mode with TAG (9 kHz to 150 kHz)
GPH\42685JD06\RE02	Radiated Emissions transmit mode without TAG (9 kHz to 150 kHz)
GPH\42685JD06\RE03	Radiated Emissions transmit mode without TAG (150 kHz to 30 MHz)
GPH\42685JD06\RE04	Radiated Emissions transmit mode with TAG (150 kHz to 30 MHz)
GPH\42685JD06\RE05	Radiated Emissions transmit mode with TAG (30 MHz to 1 GHz)
GPH\42685JD06\RE06	Radiated Emissions standby mode with TAG (30 MHz to 1 GHz)
GPH\42685JD06\RE07	Radiated Emissions standby mode with TAG (1 GHz to 2 GHz)
GPH\42685JD06\RE08	Radiated Emissions transmit mode with TAG (1 GHz to 2 GHz)
GPH\42685JD06\RE09	Radiated Emissions transmit mode with TAG (2 GHz to 4 GHz)
GPH\42685JD06\RE10	Radiated Emissions standby mode with TAG (2 GHz to 4 GHz)

These pages are not included in the total number of pages for this report.



Date 07.Jan.'02 Time 11:06:17
Ref.Lvl 70.00 dBμV
Marker 30.62 dBμV
751.8 kHz

Res.Bw 10 kHz
TG.Lvl Off
CF.Stp 2.955 MHz
Vid.Bw 10 kHz
RF.Att 20 dB
Unit [dBμV]



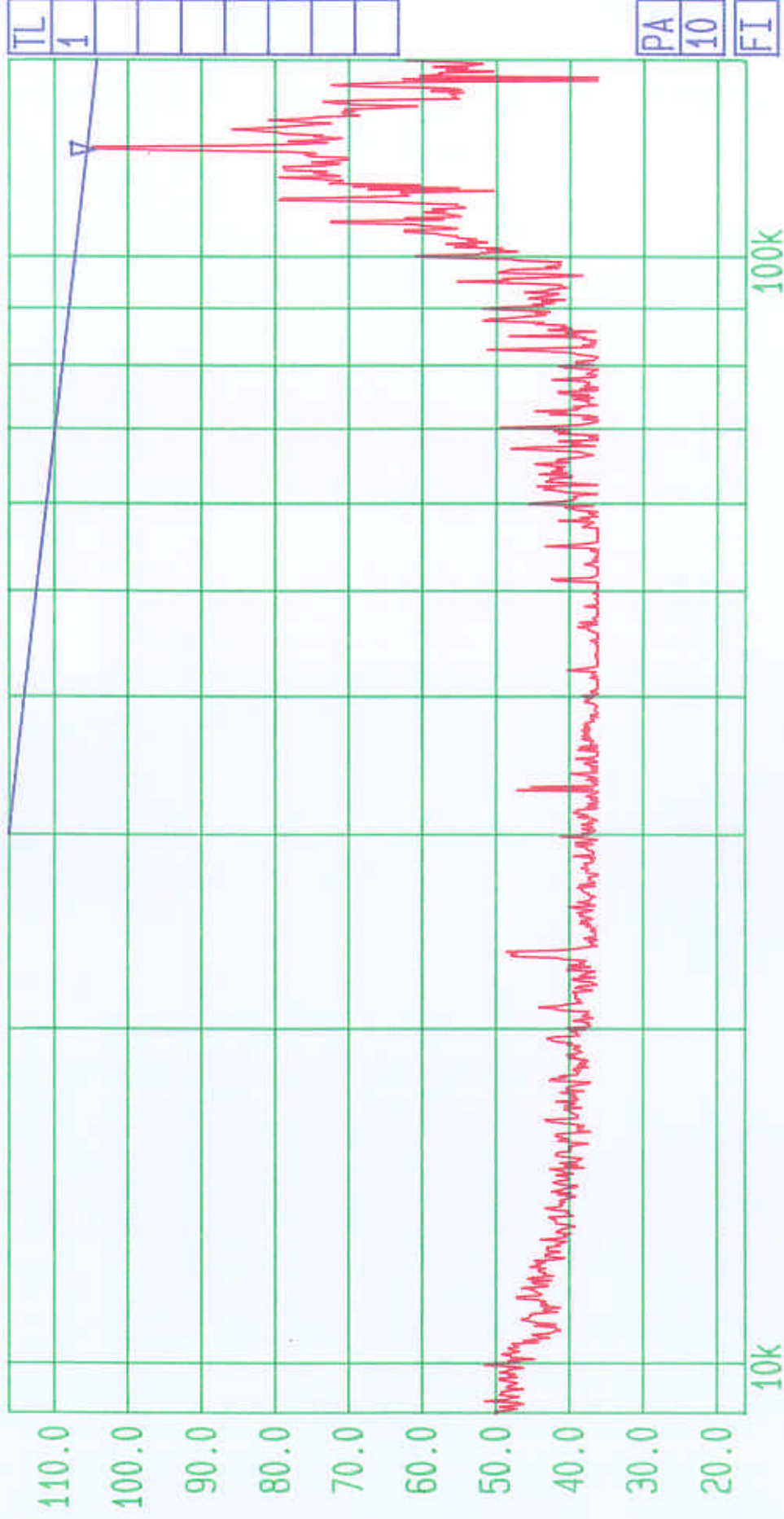
Start 450 kHz
Span 29.55 MHz
Center 3.67423 MHz
Sweep 1.68 s
Stop 30 MHz

CONDUCTED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH TAG
SPEC: FCC PART 15.207
GPH/42685/JD06/CE01



Date 07.Jan.'02 Time 13:24:18
Ref.Lvl 116.00 dB*
Marker 104.53 dB*
125.1 kHz

Res.Bw 200 Hz [imp]
TG.Lvl off
CF.Stp 14.100 kHz
Vid.Bw 300 Hz
AF.Att 30 dB
Unit [dBuV/m]



Start 9 kHz
Span 141 kHz
Center 36.742 kHz
Sweep 18.0 s
Stop 150 kHz

RADIATED EMISSIONS TEST FOR MAYNETRONICS BY REI.
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH TAG
SPEC: FCC PART 15.209
GPH/42685/JD06/RE01

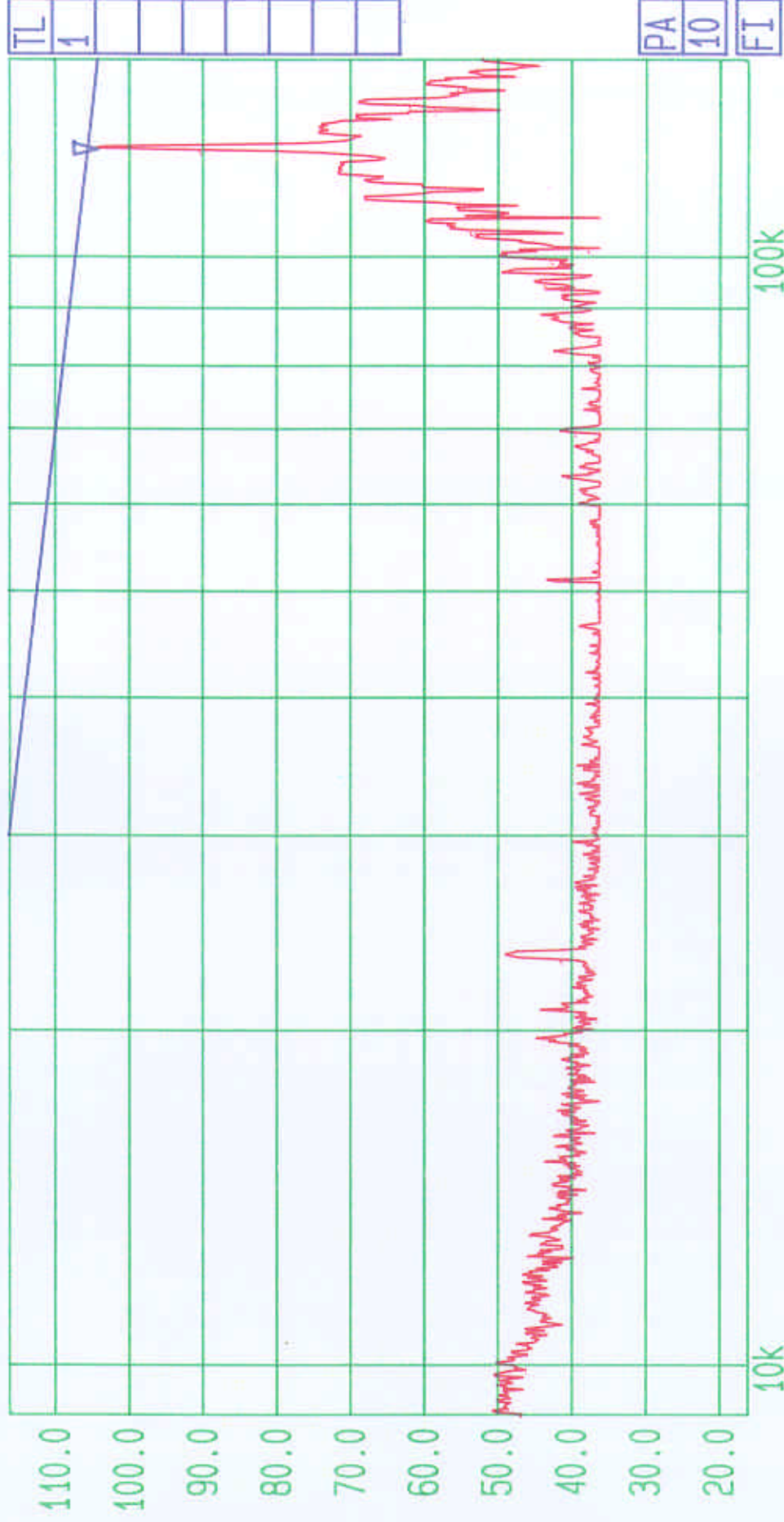


Date 07. Jan. '02 Time 13:33:12
Ref.Lvl 116.00 dB*
Marker 104.20 dB*
125.1 kHz

Res.Bw
TG.Lvl
CF.Stp

200 Hz [imp]
14.100 kHz
Off

Vid.Bw 300 Hz
RF.Att 30 dB
Unit [dBμV/m]



Start
9 kHz

Span
141 kHz
Center
36.742 kHz

Sweep
4.4 s

Stop
150 kHz

RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH OUT TAG
SPEC: FCC PART 15.209
GPH/42685/JD06/R02



Date 07.Jan.'02 Time 13:43:18

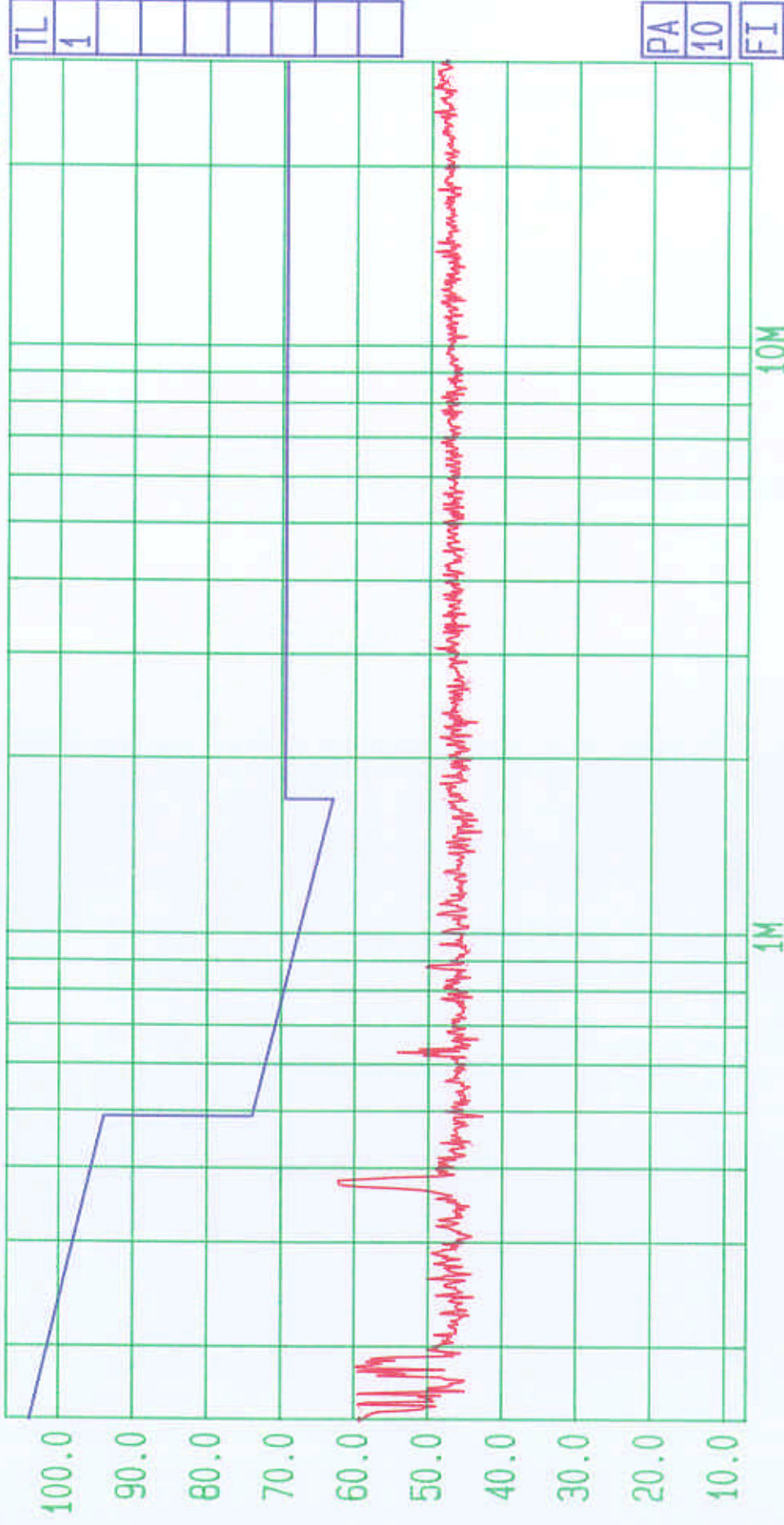
Ref.Lvl
107.00 dB*

Res.Bw
TG.Lvl
CF.Stp

10 kHz [imp]
Off
2.985 MHz

Vid.Bw
AF.Att
Unit

10 kHz
30 dB
[dBμV/m]



Start 150 kHz Stop 30 MHz
Span 29.85 MHz Sweep 280 ms
Center 2.12132 MHz

RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
OPCOND: 916.5MHz TRANSMITTING WITH OUT TAG
SPEC: FCC PART 15.209
GPH/42685/JD06/R03



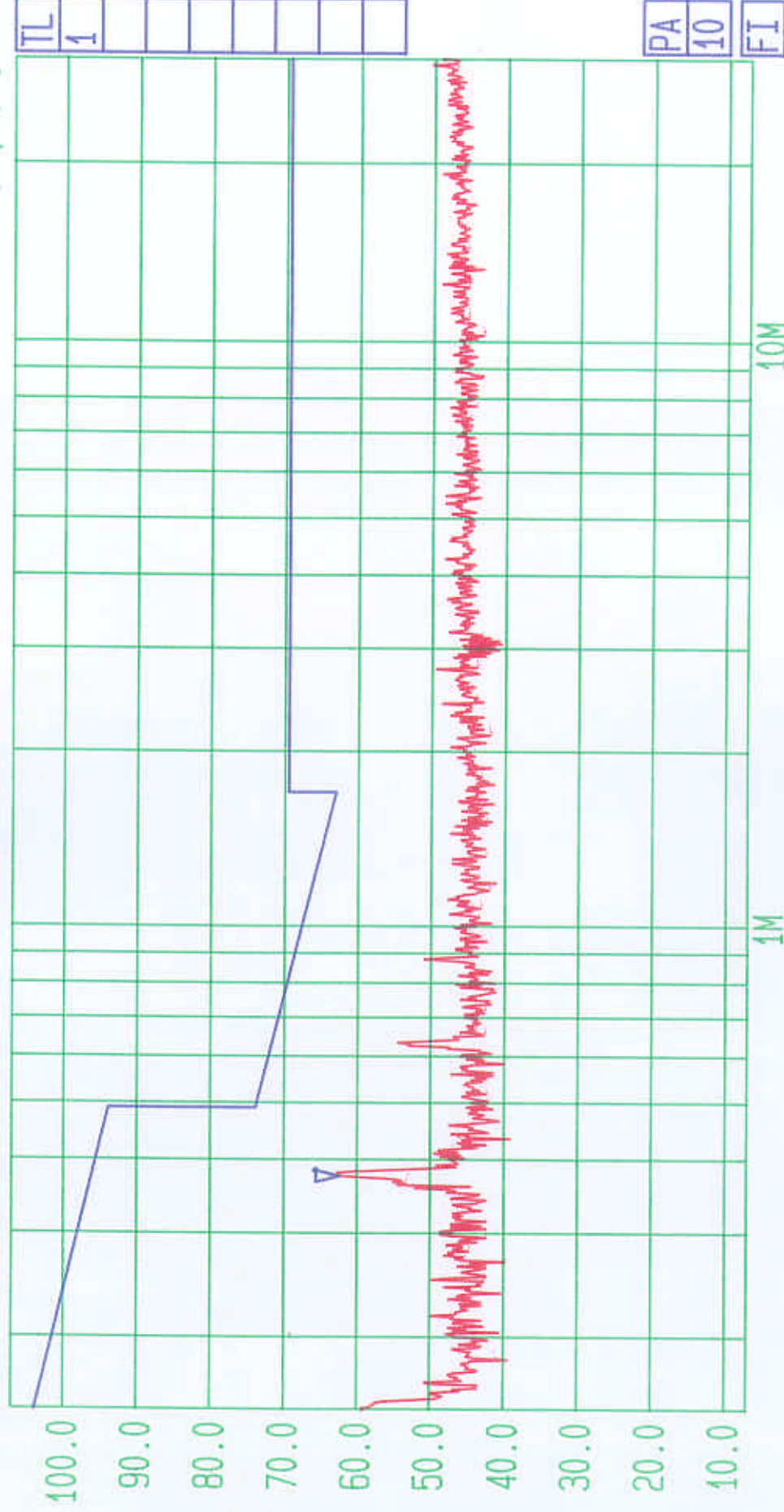
Ref. Lvl Marker

Res. Bw
TG. Lvl
CF. Stp

2.985 MHz

RF. Att.

30 dB
[dB μ V/m]



29.85 M span

Center
12132 MH7

Sweep 1: 58 s

Stop
30 MHz

RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI,
EUT: W4-2
OPCOND: 916.5MHZ TRANSMITTING WITH TAG

SPEC: FCC PART 15.209
GPH/42685/JD06/R04



Date 07.Jan.'02 Time 14:40:42

Ref.Lvl
70.00 dB*

Res.Bw
TG.Lvl
CF.Stp

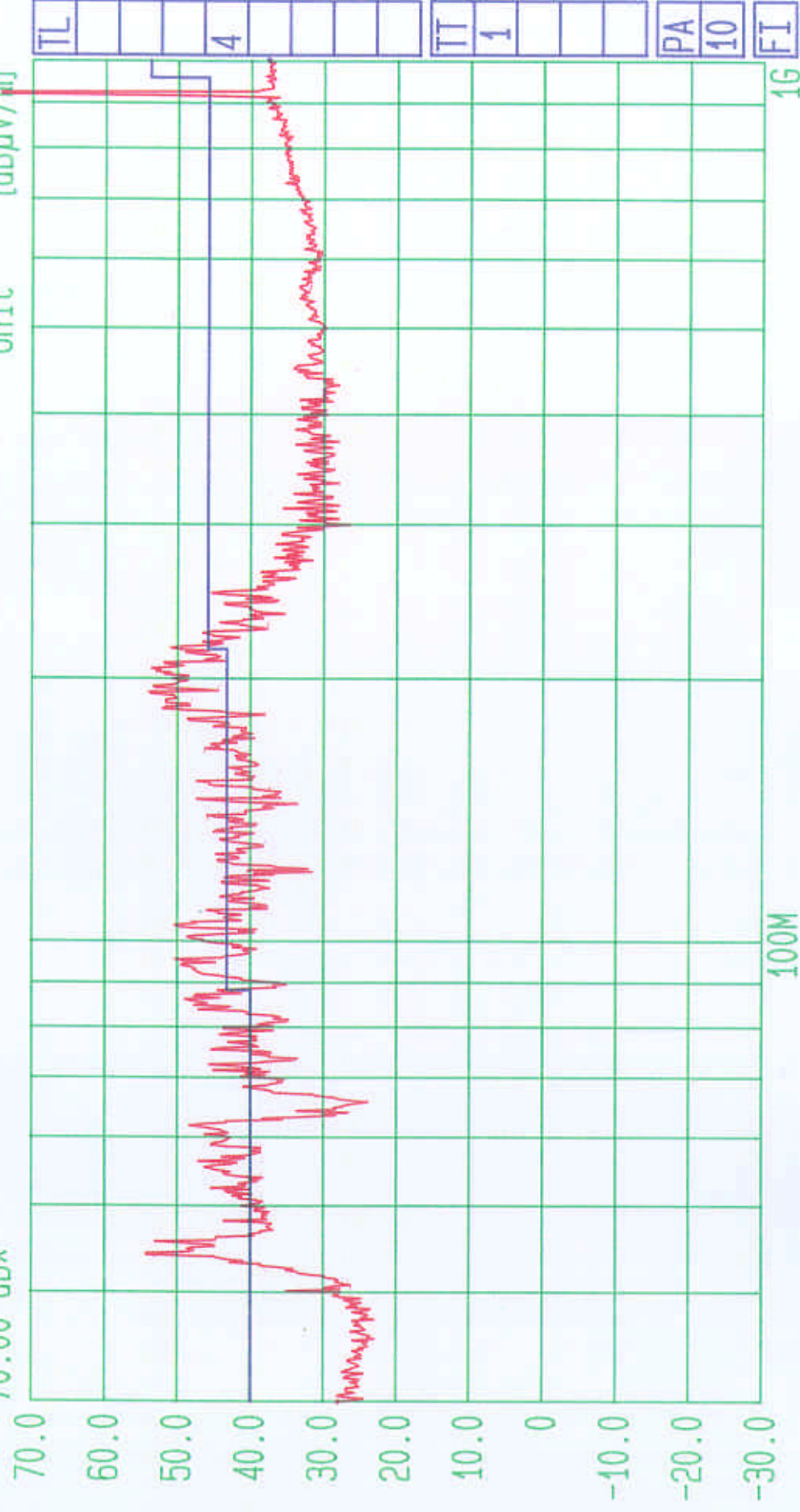
120 kHz [imp]
97.000 MHz
Off

Vid.Bw
RF.Att
Unit

100 kHz

0 dB

[dBμV/m]



Start
30 MHz

Span
970 MHz

Center
173.2 MHz

Sweep
380 ms

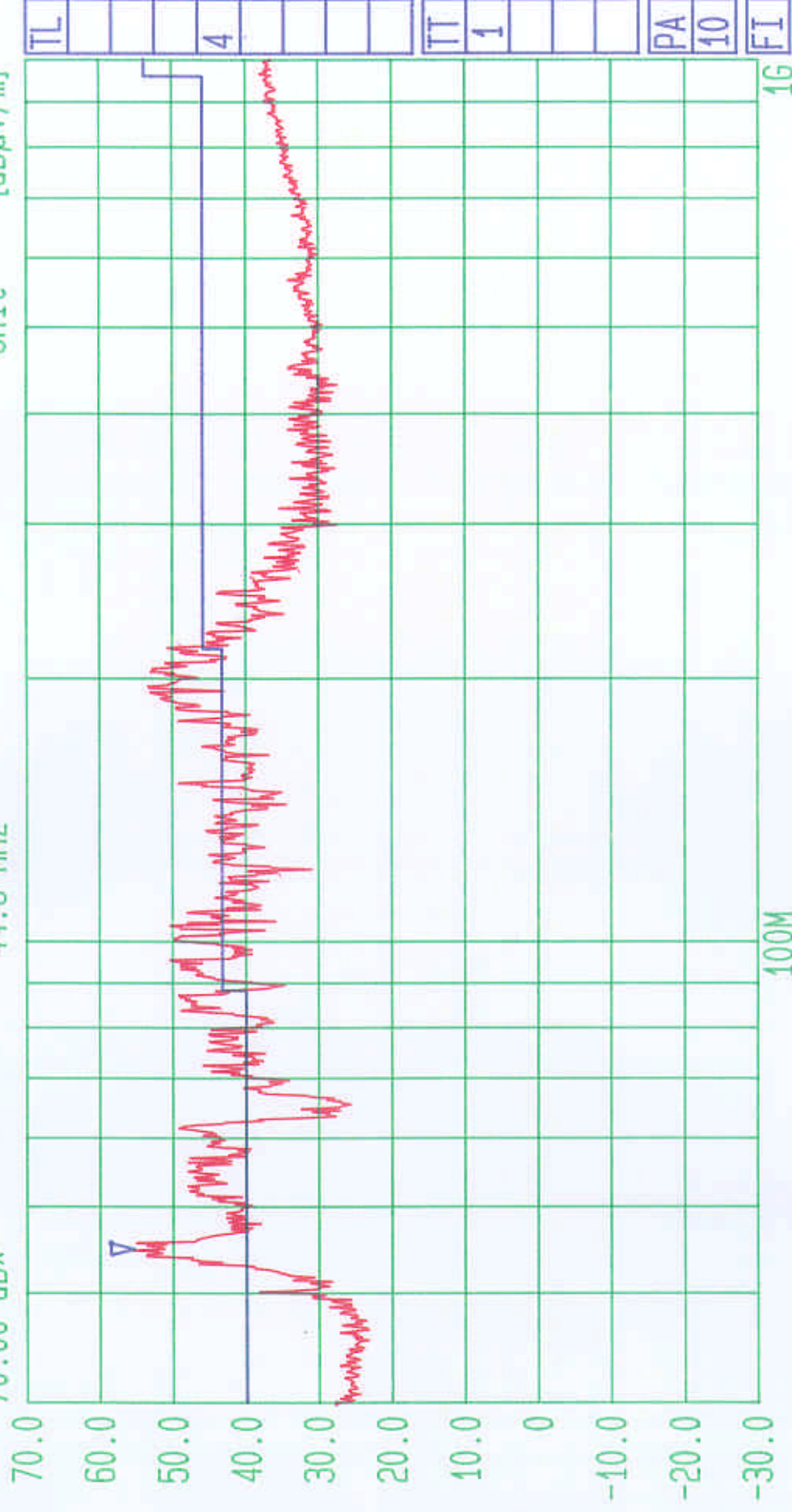
Stop
1 GHz

RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
SPEC: FCC PART 15.249 (15.209)
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH TAG
GPH/42685/JD06/RE05



Date 07. Jan. '02 Time 14:56:01
Ref. Lvl 70.00 dB* Marker 55.33 dB*
44.6 MHz

Res. Bw 120 kHz [imp] Vid. Bw 100 kHz
TG. Lvl off
CF. Stp 97.000 MHz
Unit 0 dB
[dBμV/m]



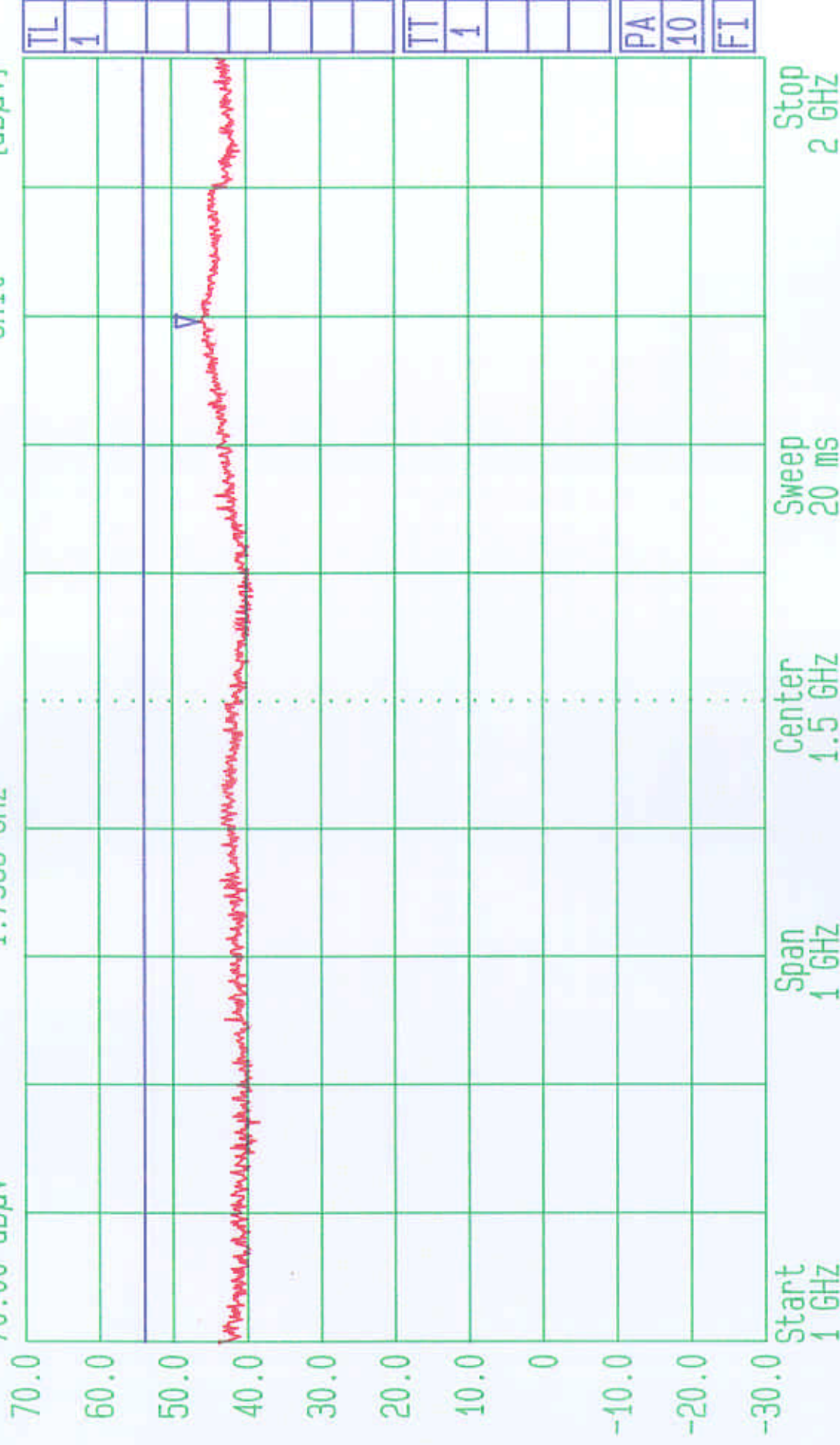
Start 30 MHz Span 970 MHz Center 173.2 MHz
RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
OPCOND: 916.5MHz IN STANDBY WITH TAG

Sweep 80 ms Stop 1 GHz
SPEC: FCC PART 15.109
GPH/42685/JD06/RE06



Date 07. Jan. '02 Time 15:06:00
Ref.Lvl 70.00 dBµV
Marker 46.57 dBµV
1.7966 GHz

Res.Bw 1 MHz [imp]
TG.Lvl Off
CF.Stp 100.000 MHz
Vid.Bw 1 MHz
RF.Att 0 dB
Unit [dBµV]



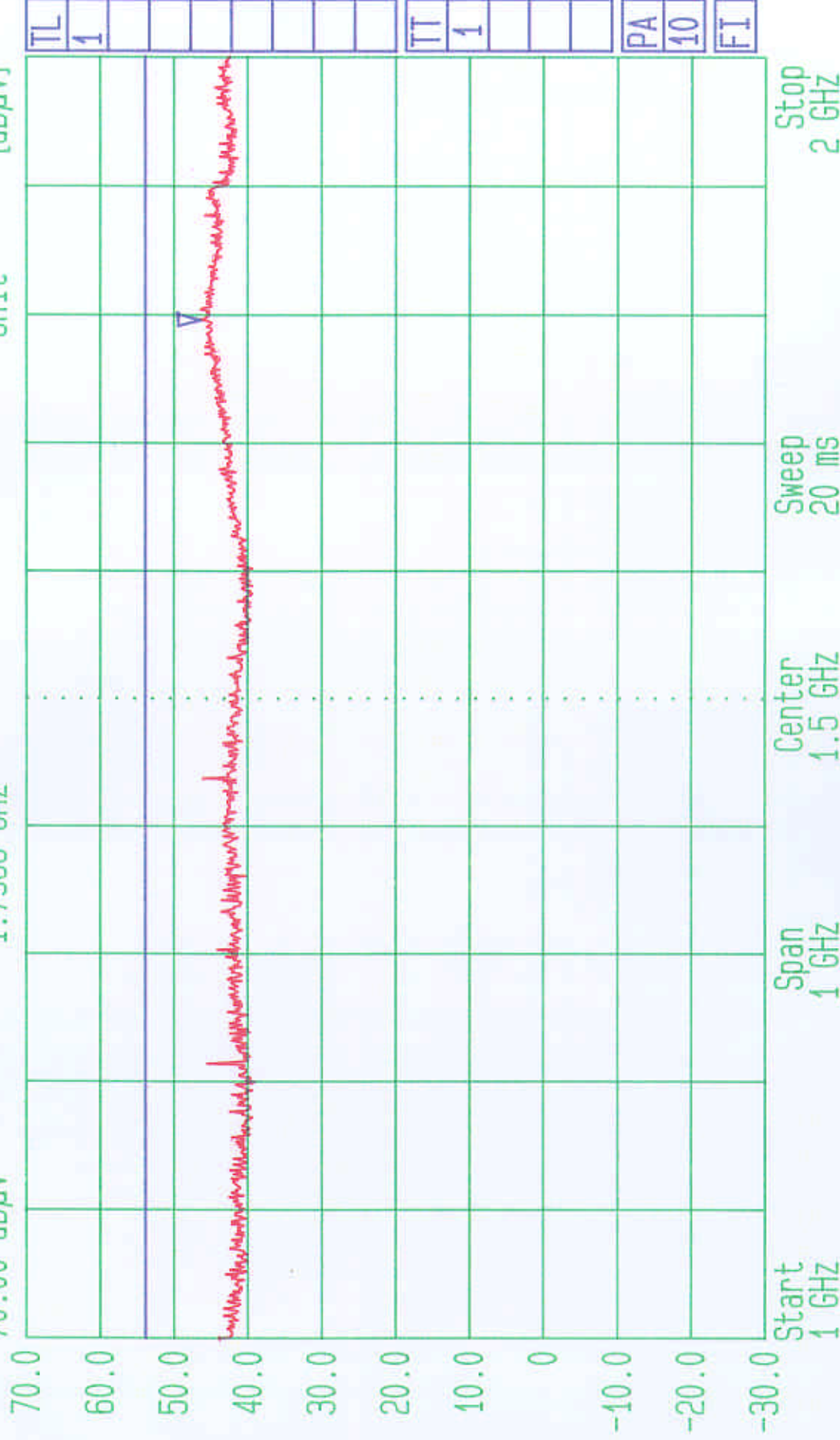
RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
EUT: W4-2
OPCOND: 916.5MHz IN STANDBY WITH TAG

SPEC: FCC PART 15.109
GPH/42685/JD06/RE07



Date 07. Jan. '02 Time 15:10:02
Ref. Lvl 70.00 dBμV
Marker 46.52 dBμV
1.7966 GHz

Res. Bw 1 MHz [imp]
TG. Lvl off
CF. Stp 100.000 MHz
Vid. Bw 1 MHz
RF. Att 0 dB
Unit [dBμV]



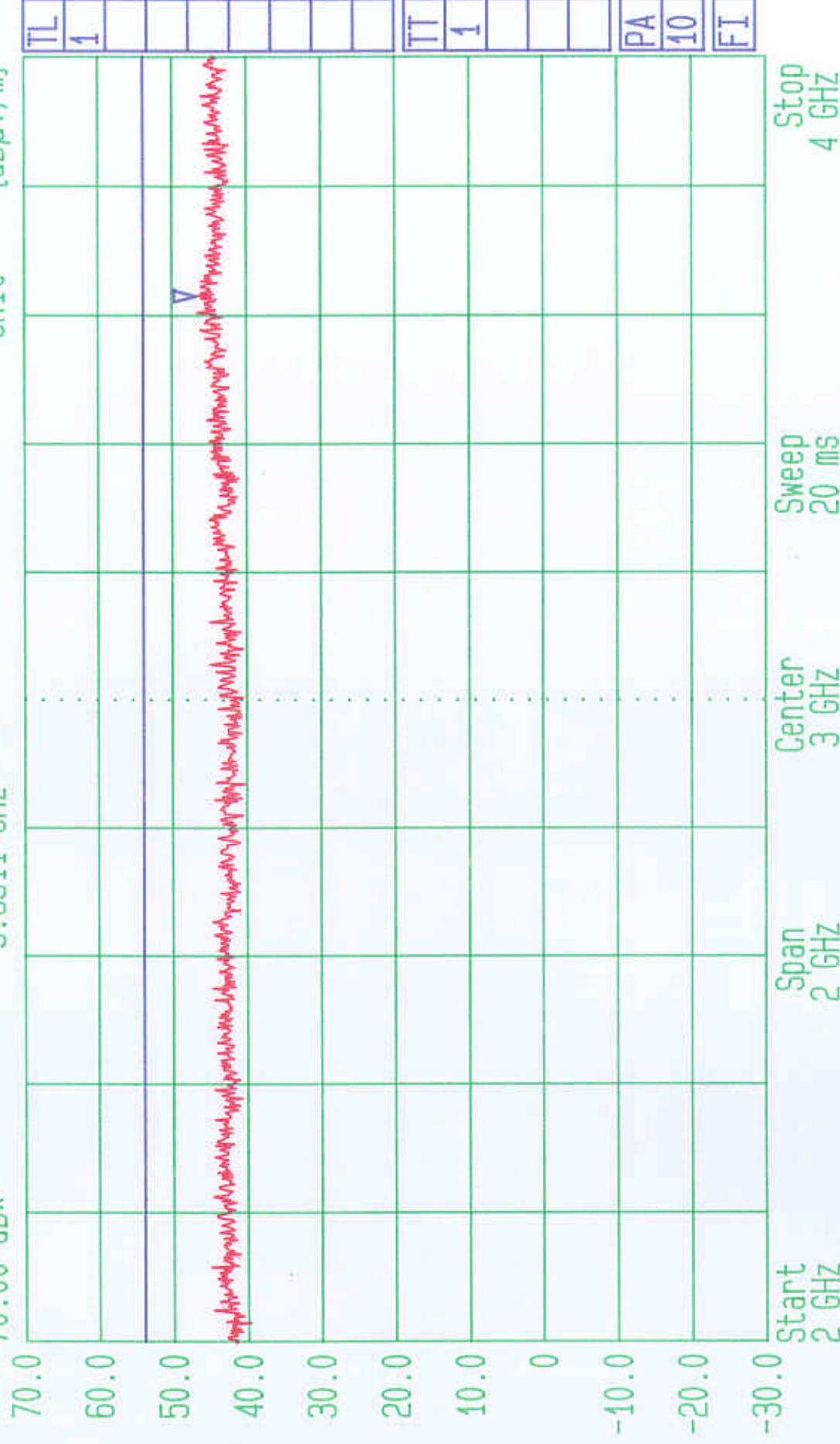
RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH TAG

SPEC: FCC PART 15.249(209)
GPH/42685/JD06/RE08



Date 07. Jan. '02 Time 15:17:22
Ref.Lvl 70.00 dB*
Marker 46.80 dB*
3.6311 GHz

Res.Bw 1 MHz [imp]
TG.Lvl off
CF.Stp 200.000 MHz
Vid.Bw 1 MHz
RF.Att 0 dB
Unit [dBuV/m]



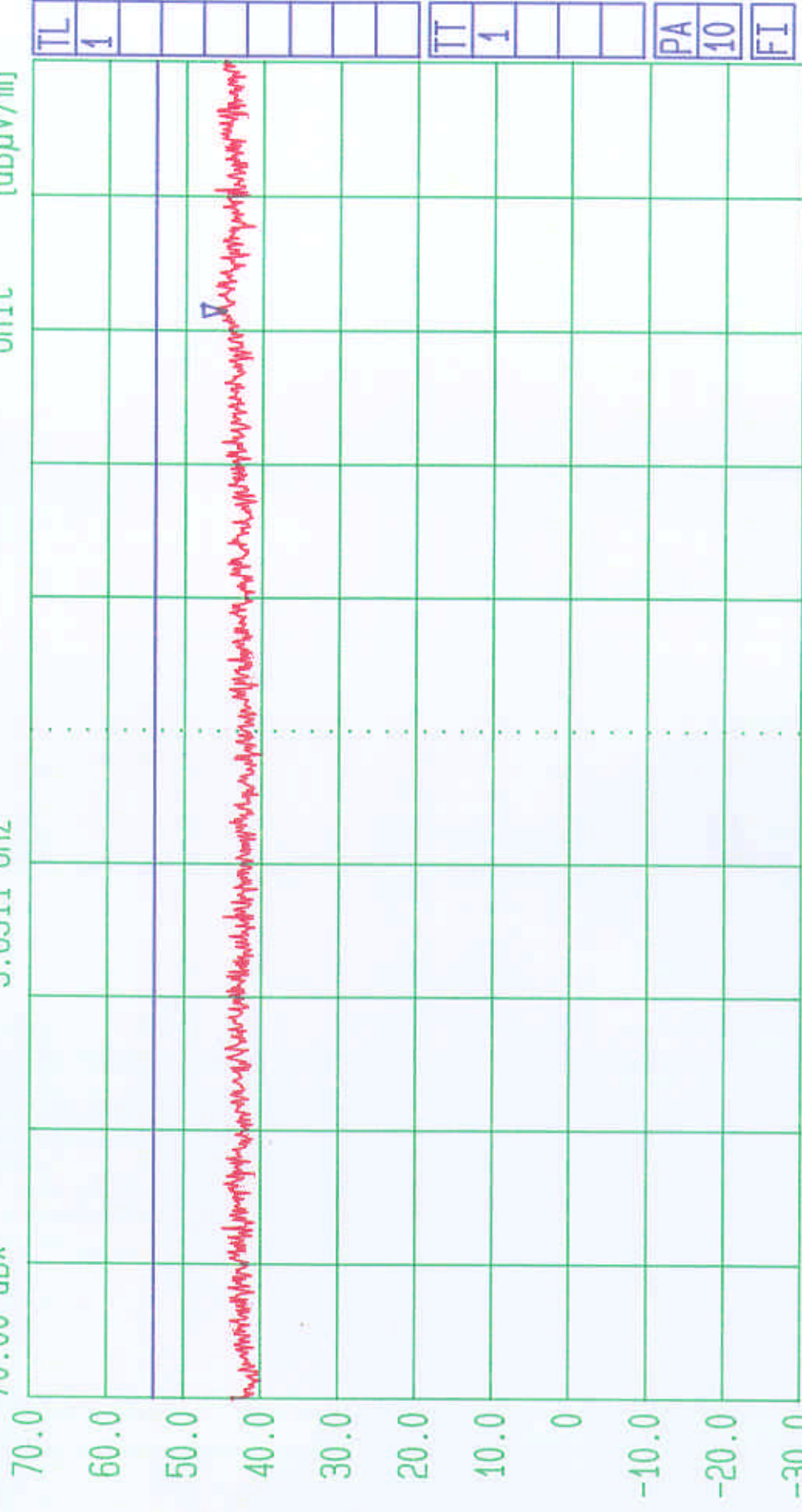
RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
OPCOND: 916.5MHz TRANSMITTING WITH TAG

SPEC: FCC PART 15.249 (209)
GPH/42685/JD06/RE09



Date 07.Jan.'02 Time 15:26:32
Ref.Lvl 70.00 dB* Marker
44.87 dB*
3.6311 GHz

Res.Bw 1 MHz [imp]
TG.Lvl Off
CF.Stp 200.000 MHz
Vid.Bw 1 MHz
RF.Att 0 dB
Unit [dBμV/m]



RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
EUT: W4-2
OPCOND: 916.5MHz IN STANDBY WITH TAG

SPEC: FCC PART 15.109
GPH/42685/JD06/RE10