

**GRAPHICAL TEST RESULTS
PART 4
FOR RFI TEST REPORT SERIAL NO:
RFI/EMCB1/RP42147B**

Test Of: Red-M (Communications) Ltd.
1000AP

To: F.C.C. Part 15 Subpart C: 2000
(Intentional Radiators)
Section 15.247

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Section 15.247

This section contains the following graphs:

Graph Reference Number	Title
GPH\42147JD02\030	Radiated Emissions, Transmit Mode, Hopping (1 GHz to 2 GHz) Part 15.209
GPH\42147JD02\031	Radiated Emissions, Transmit Mode, Top Channel (1 GHz to 2 GHz) Part 15.209
GPH\42147JD02\032	Radiated Emissions, Transmit Mode, Middle Channel (1 GHz to 2 GHz) Part 15.209
GPH\42147JD02\033	Radiated Emissions, Transmit Mode, Bottom Channel (1 GHz to 2 GHz) Part 15.209
GPH\42147JD02\034	Radiated Emissions, Transmit Mode, Bottom Channel (2 GHz to 4 GHz) Part 15.209
GPH\42147JD02\035	Radiated Emissions, Transmit Mode, Middle Channel (2 GHz to 4 GHz) Part 15.209
GPH\42147JD02\036	Radiated Emissions, Transmit Mode, Top Channel (2 GHz to 4 GHz) Part 15.209
GPH\42147JD02\037	Radiated Emissions, Transmit Mode, Hopping (2 GHz to 4 GHz) Part 15.209
GPH\42147JD02\038	Radiated Emissions, Receive Mode (2 GHz to 4 GHz) Part 15.209
GPH\42147JD02\039	Conducted Emissions, Live Line, Transmit Mode, Hopping (150 kHz to 30 MHz)



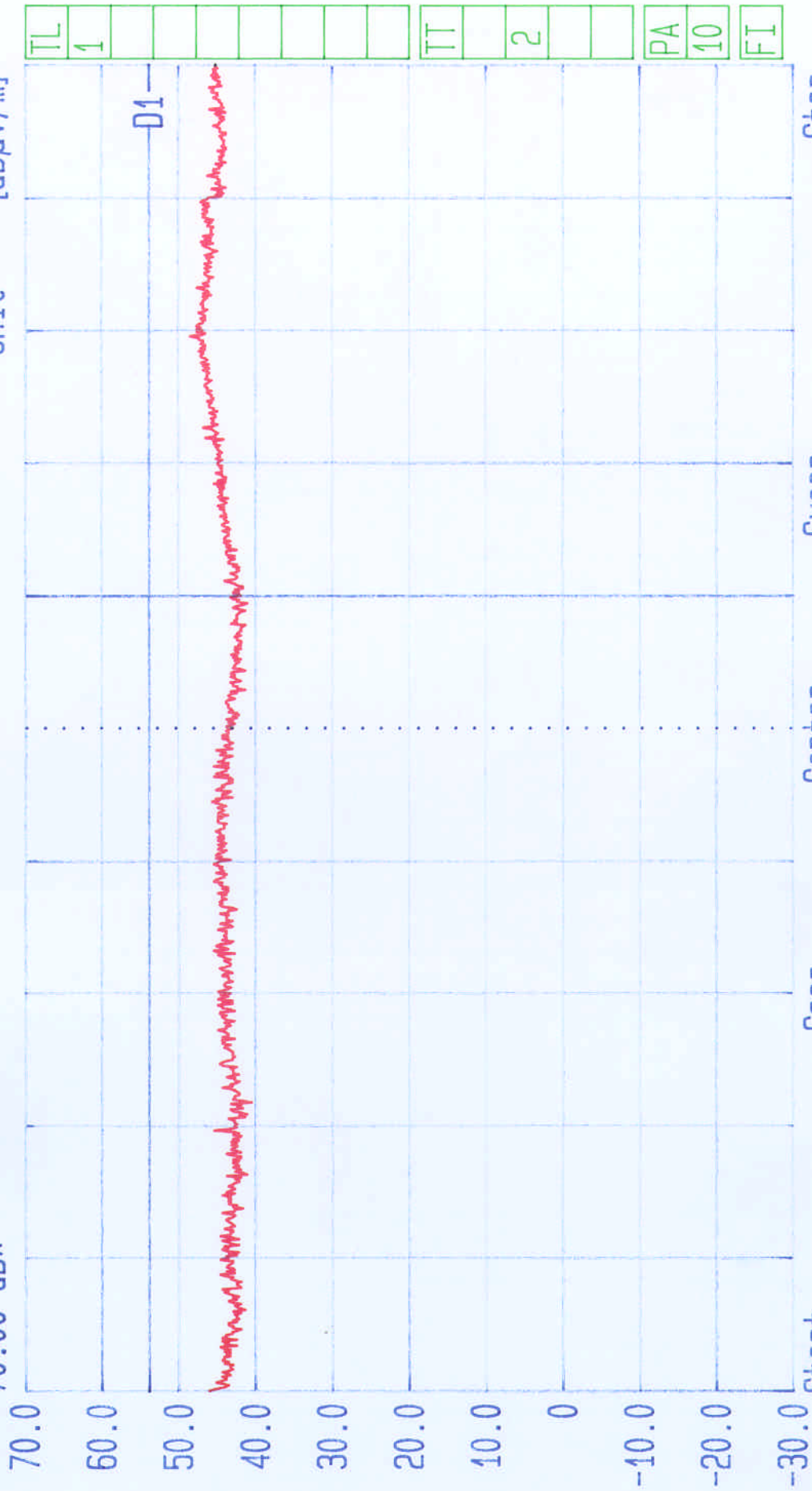
Date 11.Apr.'01 Time 16:16:34

Ref.Lvl
70.00 dBx

Res.Bw
1 MHz [imp]
Off

Vid.Bw
100.000 MHz

RF.Att
0 dB
Unit
[dBμV/m]



Start
1 GHz

Span
1 GHz

Center
1.5 GHz

Sweep
20 ms

Stop
2 GHz

Tested By RFI For RED M
Spec: FCC Part 15.209

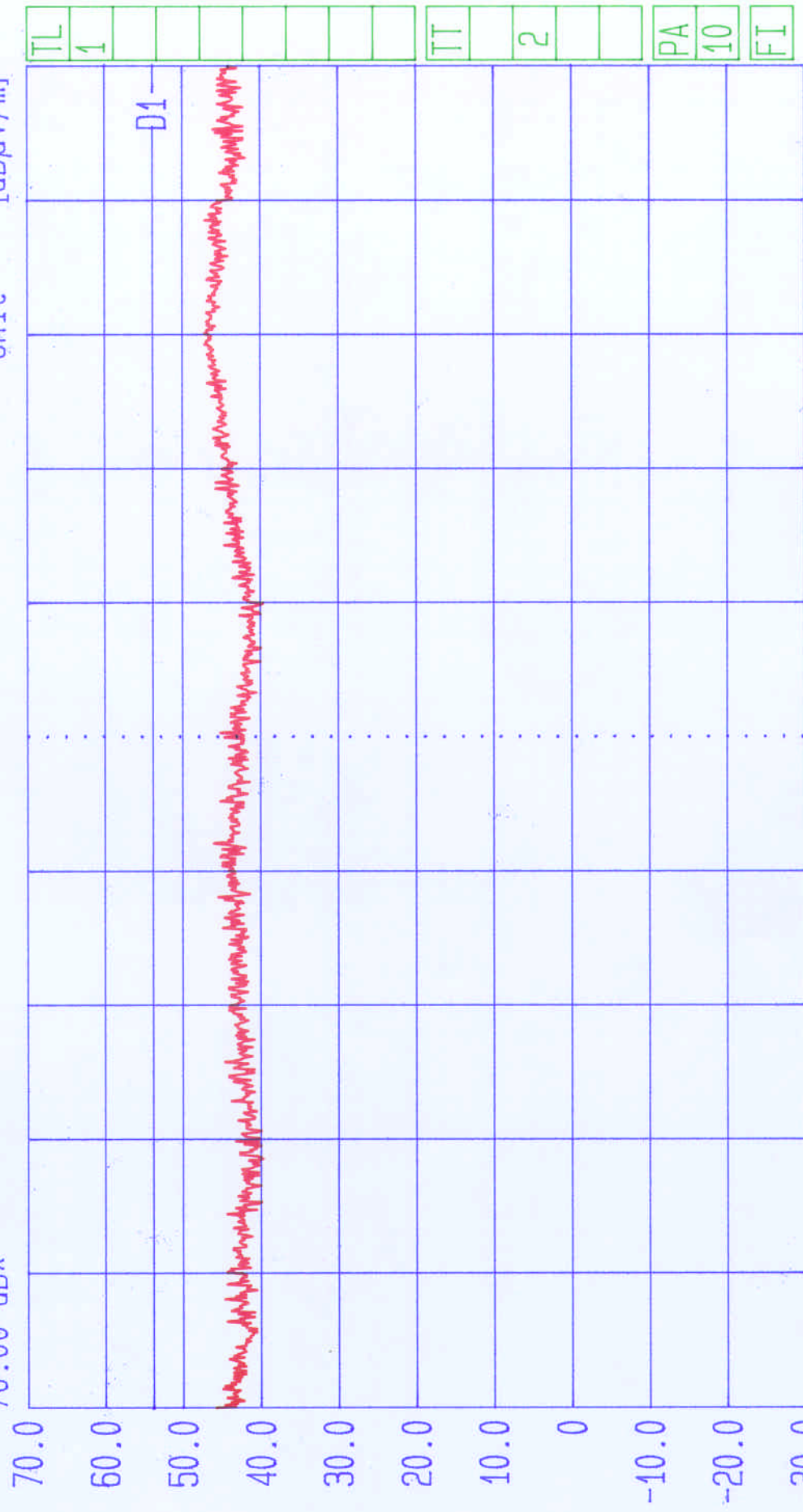
EUT: 1000AP
Opcond: Tx Hopping

GPH: 42147/02/030
ENG: PJG



Date 11.Apr.'01 Time 16:28:42
Ref.Lvl 70.00 dBx

Res.Bw 1 MHz [imp]
TG.Lvl Off
CF.Stp 100.000 MHz
Vid.Bw 3 MHz
RF.Att 0 dB
Unit [dBμV/m]



Start 1 GHz
Center 1.5 GHz
Span 1 GHz
Sweep 20 ms
Stop 2 GHz

Tested By RFI For RED M
Spec: FCC Part 15.209

EUT: 1000AP
Opcond: Tx Top Channel

GPH: 42147/02/031
ENG: PJG



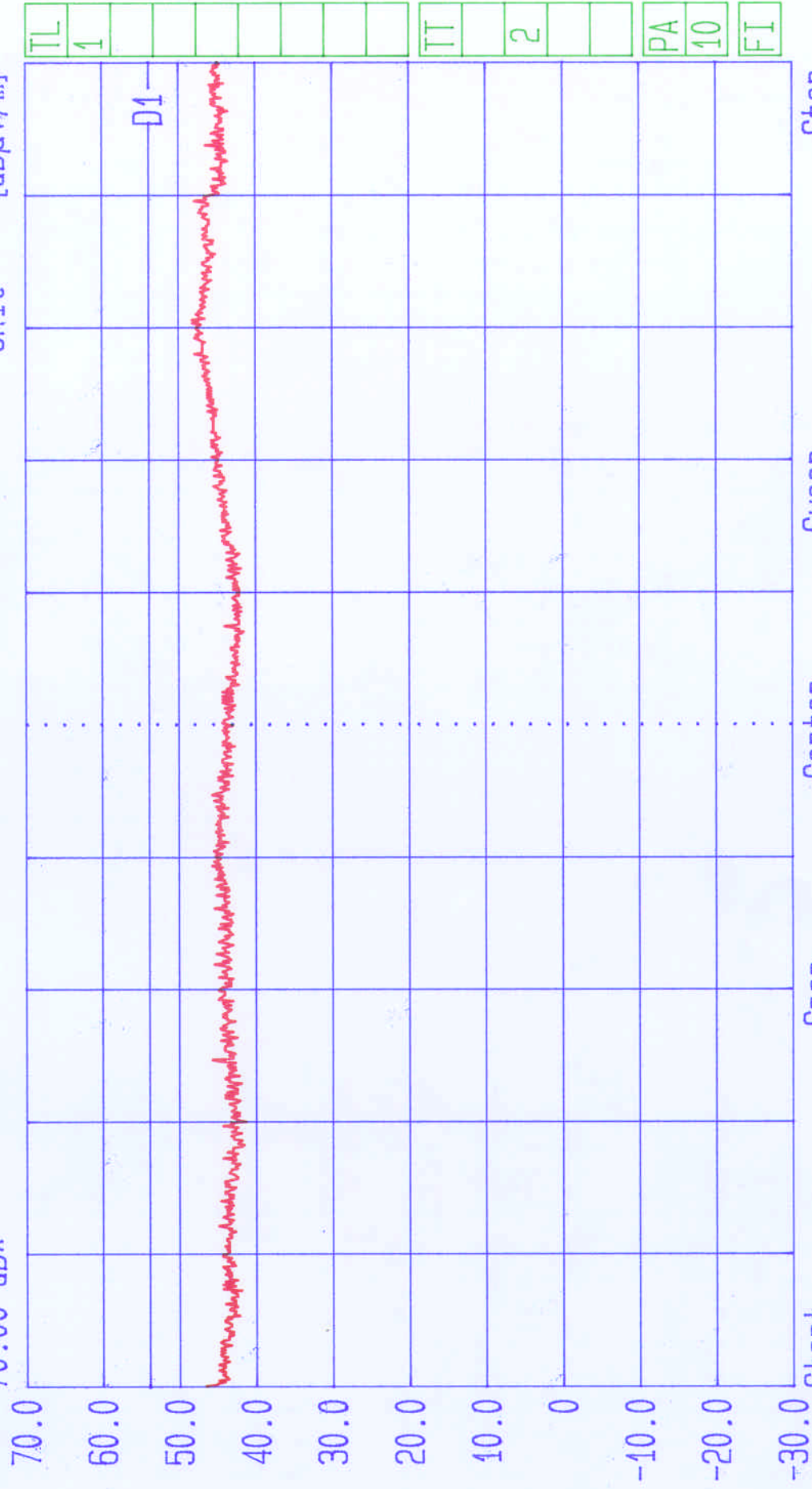
Date 11.Apr.'01 Time 16:35:46

Ref.Lvl
70.00 dBx

Res.Bw
TG.Lvl
CF.Stp

1 MHz [imp]
off
100.000 MHz

Vid.Bw
RF.Att
Unit
3 MHz
0 dB
[dBμV/m]



Stop
2 GHz
GPH: 42147/02/032
ENG: PJG

Sweep
20 ms
Center
1.5 GHz
EUT: 1000AP
Opcond: Tx Middle Channel

Span
1 GHz
Start
1 GHz

Tested By RFI For RED M
Spec: FCC Part 15.209



Date 11.Apr.'01 Time 16:45:51

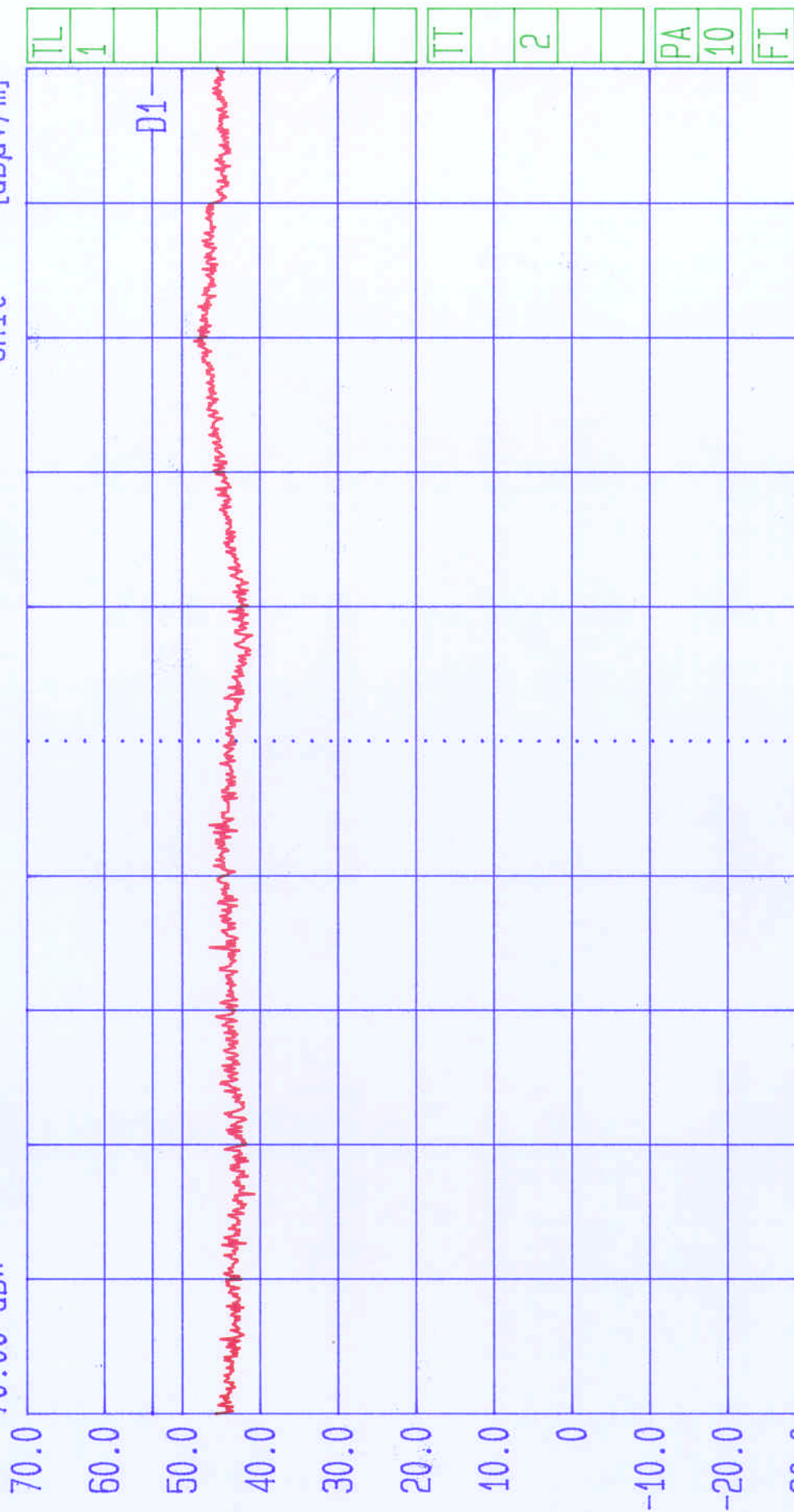
Ref.Lvl

70.00 dB*

Res.Bw
1G.Lvl
CF.Stp

1 MHz [imp]
Off
100.000 MHz

Vid.Bw 3 MHz
RF.Att 0 dB
Unit [dBμV/m]



Tested BY RFI For RED M
Spec: FCC Part 15.209

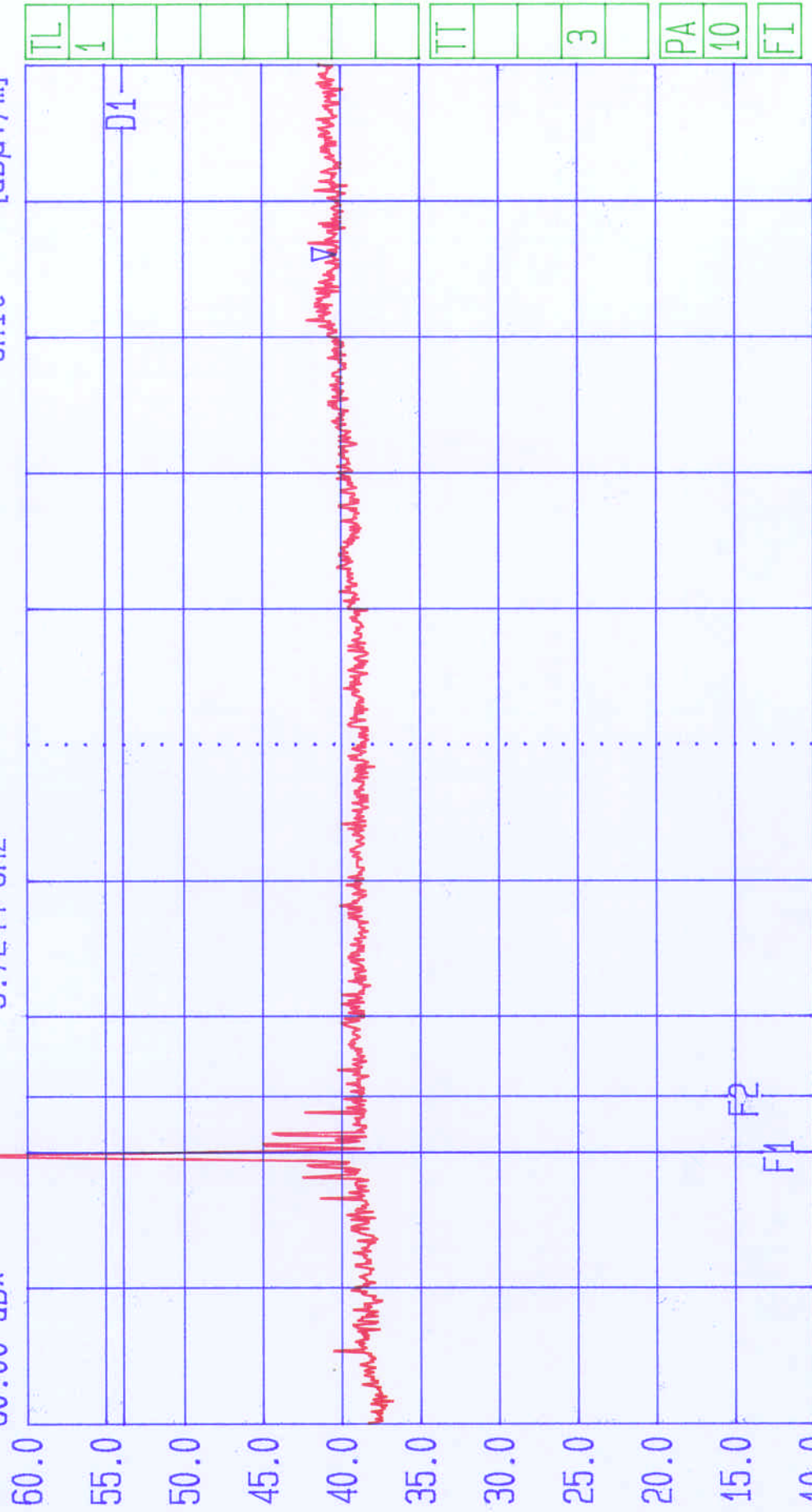
EUT: 1000AP
Opcond: Tx Bottom Channel

GPH: 42147/02/033
ENG: PJG



Date 11.Apr.'01 Time 17:18:31
Ref.Lvl 60.00 dBx
Marker 40.30 dBx
3.7244 GHz

Res.Bw 1 MHz [imp]
TG.Lvl Off
CF.Stp 200.000 MHz
Vid.Bw 3 MHz
RF.Att 0 dB
Unit [dBμV/m]



Center 3 GHz
Sweep 20 ms
Span 2 GHz
EUT: 1000AP
Opcond: Tx Bottom Channel
GPH: 42147/02/034
ENG: PUG

Tested By RFI For RED M
Spec: FCC Part 15.209



Date 11.Apr.'01 Time 17:23:58

Ref.Lvl Marker

60.00 dBx

40.60 dBx

3.7244 GHz

Res.Bw
TG.Lvl

CF.Stp

1 MHz [imp]
off

200.000 MHz

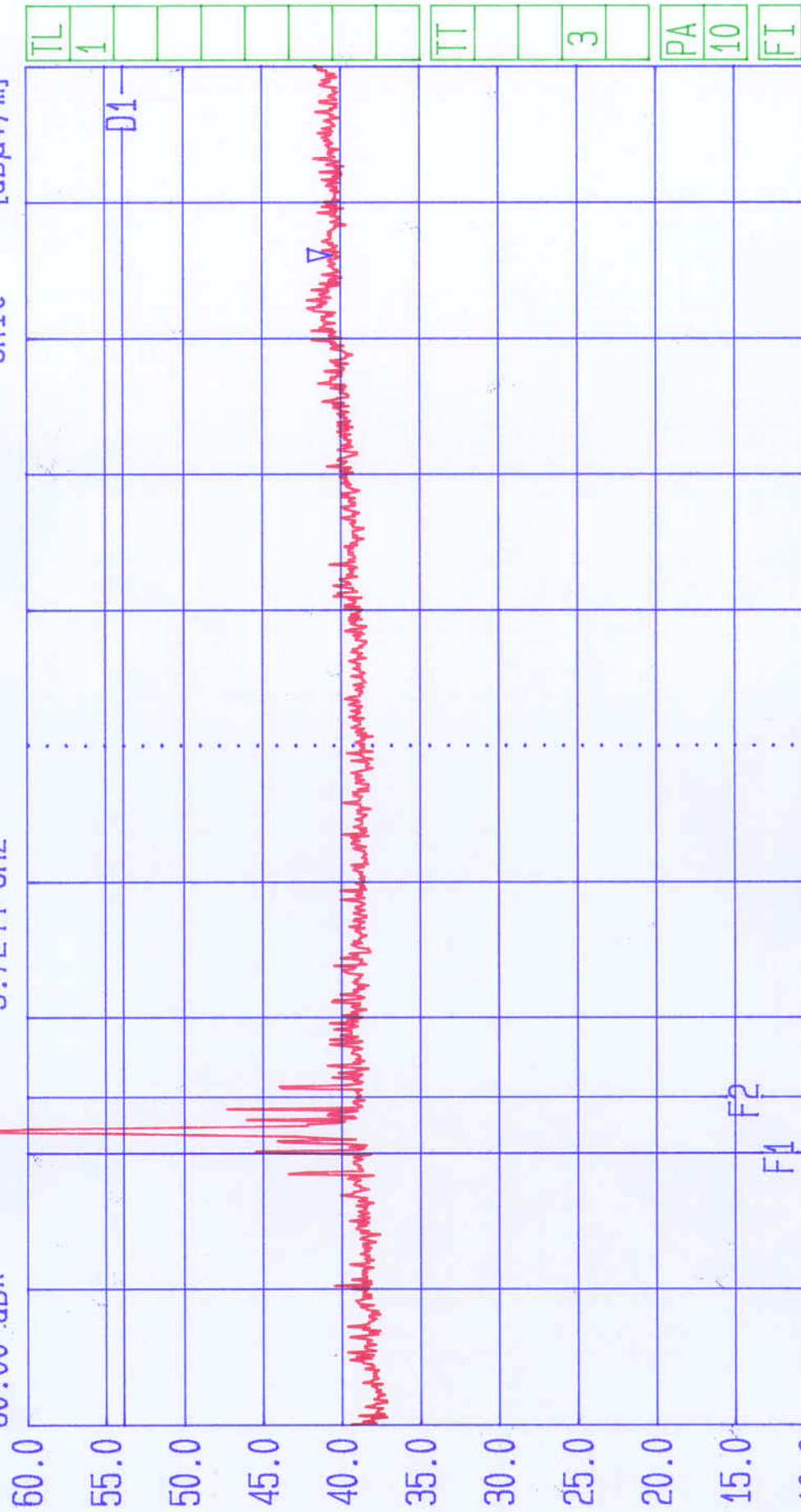
Vid.Bw

RF.Att

3 MHz

0 dB

[dBuV/m]



Tested By RFI For RED M
Spec: FCC Part 15.209

EUT: 1000AP
Opcond: Tx Middle Channel

GPH: 42147/02/035
ENG: PJG



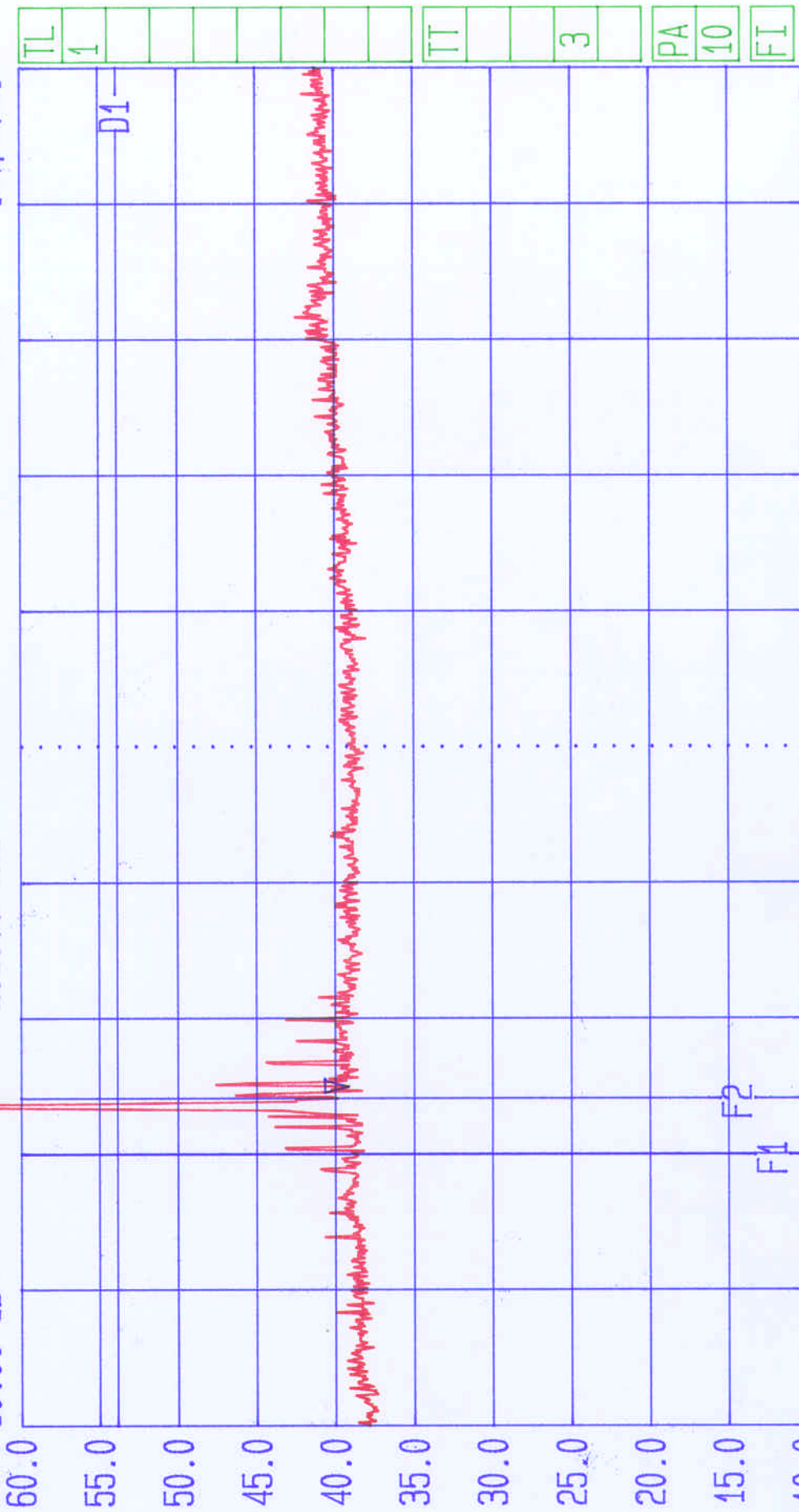
Date 11.Apr.'01 Time 17:38:24

Ref.Lvl 60.00 dB* Marker

60.00 dB* 2.5000 GHz

Res.Bw 1 MHz [imp]
TG.Lvl Off
CF.Stp 200.000 MHz

Vid.Bw 3 MHz
RF.Att 0 dB
Unit [dBμV/m]



Start 2 GHz

Span 2 GHz

Center 3 GHz

Sweep 20 ms

Stop 4 GHz

Tested By RFI For RED M
Spec: FCC Part 15.209

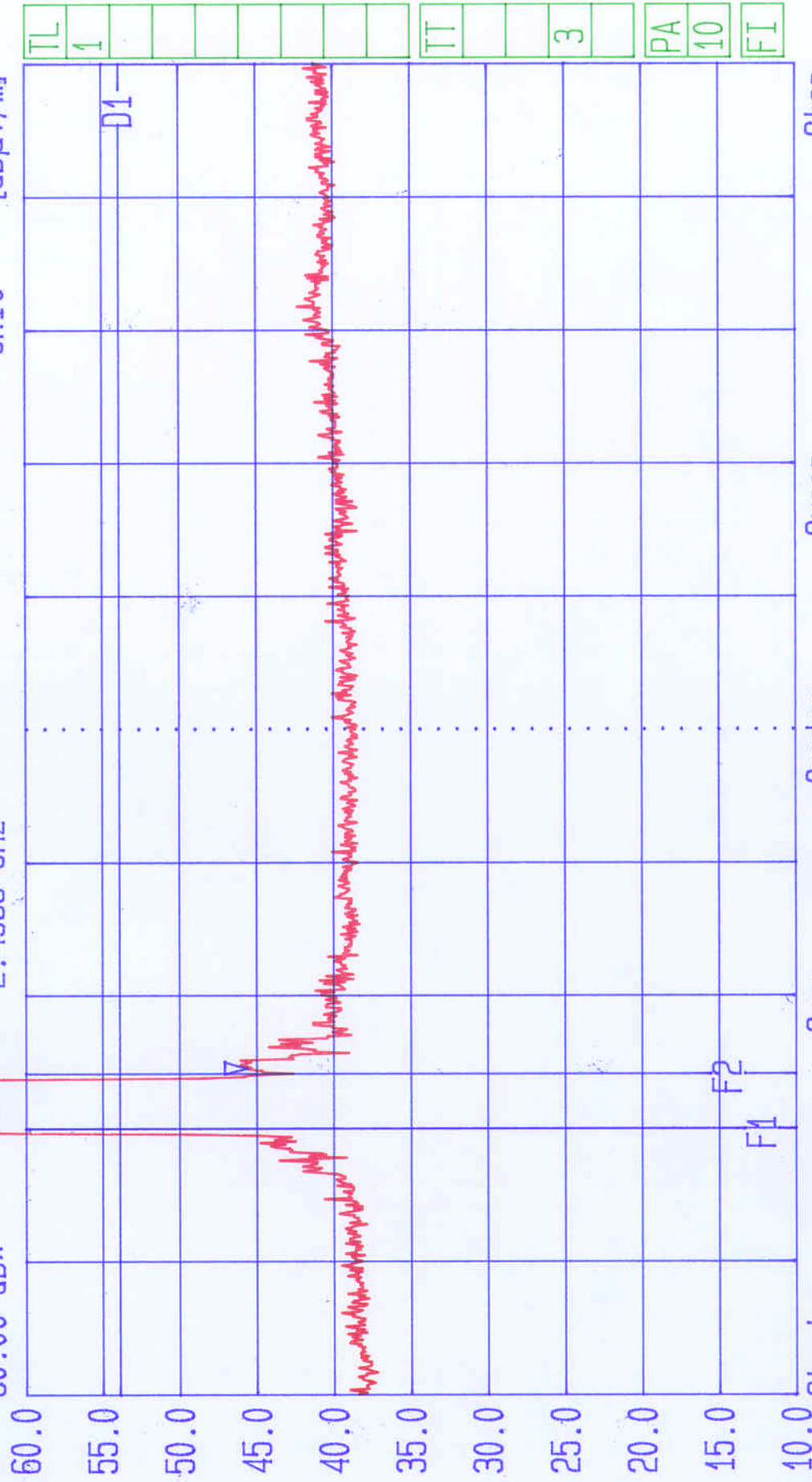
EUT: 1000AP
Opcond: Tx Top Channel1

GPH: 42147/02/036
ENG: PJG



Date 11.Apr.'01 Time 17:52:18
Ref.Lvl 60.00 dBx
Marker 45.70 dBx
2.4933 GHz

Res.Bw 1 MHz [imp]
TG.Lvl Off
CF.Stp 200.000 MHz
Vid.Bw 3 MHz
RF.Att 0 dB
Unit [dBμV/m]



Start 2 GHz
Span 2 GHz
Center 3 GHz
Sweep 20 ms
Stop 4 GHz
Tested By RFI For RED M
Spec: FCC Part 15.209
EUT: 1000AP
Opcond: Tx Hopping
GPH: 42147/02/037
ENG: PJG



Date 11.Apr.'01 Time 18:02:20

Ref.Lvl

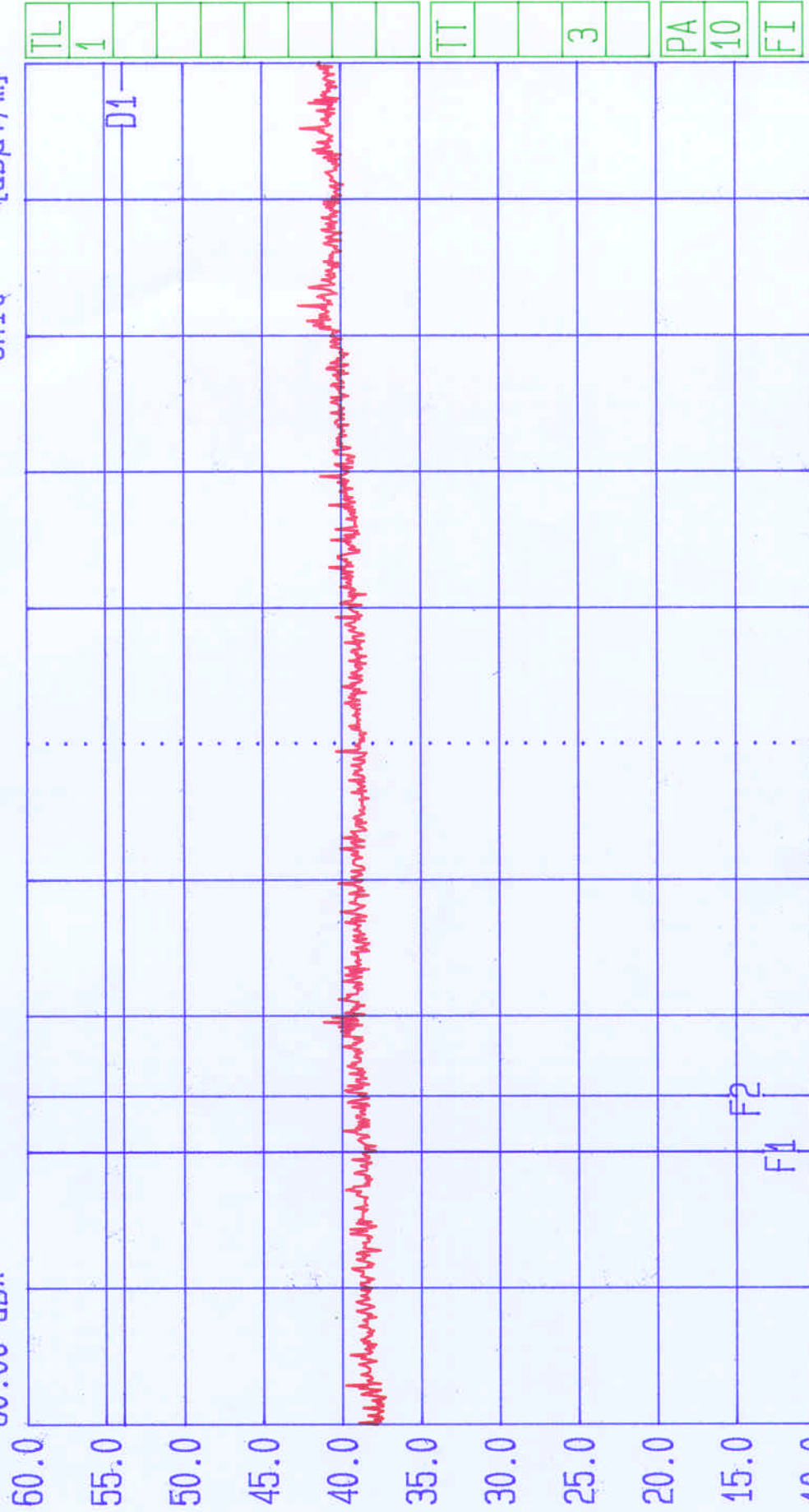
60.00 dBx

Res.Bw
TG.Lvl
CF.Stp

1 MHz [imp]
Off
200.000 MHz

Vid.Bw
RF.Att
Unit

3 MHz
0 dB
[dBuV/m]



Tested By RFI For RED M
Spec: FCC Part 15.109

EUT: 1000AP
Opcond: Rx Mode

GPH: 42147/02/038
ENG: PJG



Date 12.Apr.'01 Time 08:26:31

Ref.Lvl

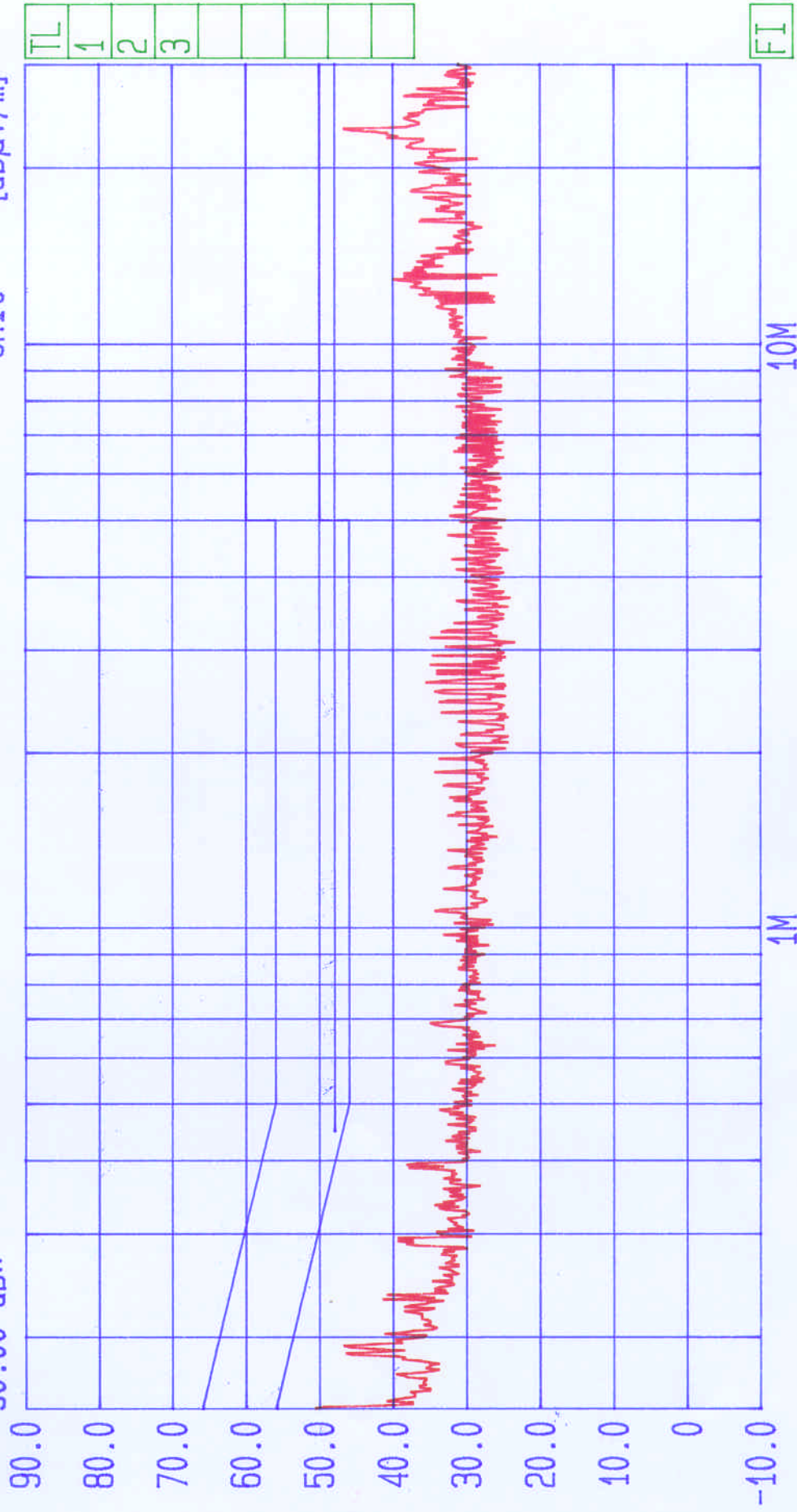
90.00 dB*

Res.Bw
TG.Lvl
CF.Stp

9 kHz [imp]
Off
2.985 MHz

Vid.Bw
RF.Att
Unit

100 kHz
20 dB
[dBμV/m]



Start 150 kHz Stop 30 MHz
Sweep 1.94 s
Center 2.12132 MHz
Span 29.85 MHz
EUT: 1000AP
Opcond: Tx Hopping Conducted Emissions Live
ENG: PJG

Tested By RFI For RED M
Spec: FCC Part 15.207

GPH: 42147/02/039