

**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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(Intentional Radiators)  
Section 15.247**

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This section contains the following graphs:

<b>Graph Reference Number</b>	<b>Title</b>
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)



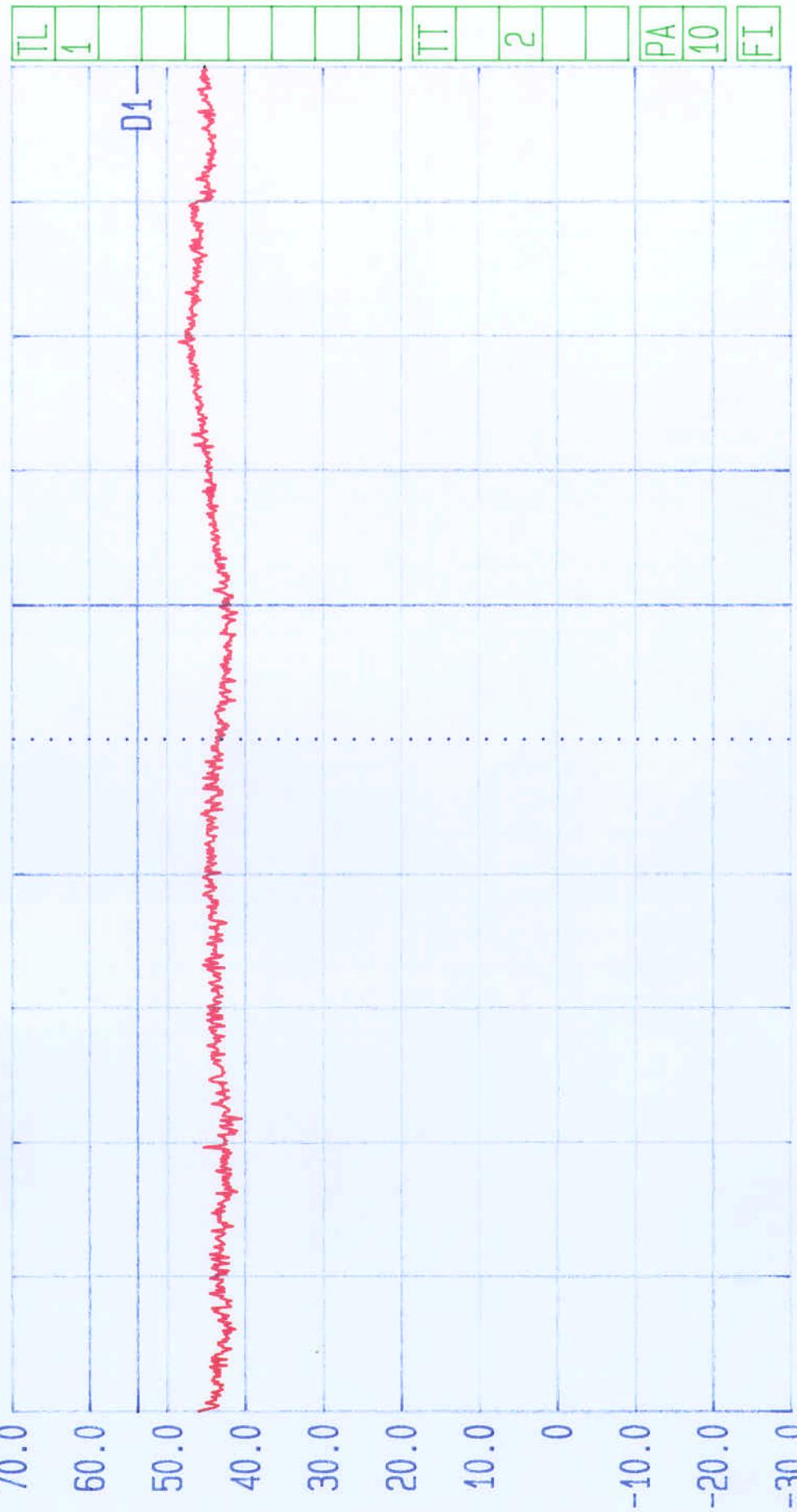
Date 11.Apr. '04 Time 16:16:34

Res.BW  
TG.Lv1  
CF.Stp

1 MHz [imp]  
Ref Lv1  
70.00 dB\*

1 MHz [off]  
100.000 MHz  
Unit

RF Att  
0 dB  
[dB $\mu$ V/m]



Tested BY RFI For RED M  
Spec: FCC Part 15.209

Center  
4.5 GHz

Span  
1 GHz

Start  
1 GHz

Stop  
2 GHz

EUT: 1000AP

Sweep  
20 ms

ENG: PJG

GPH: 42147/02/030

Opcond: Tx Hopping

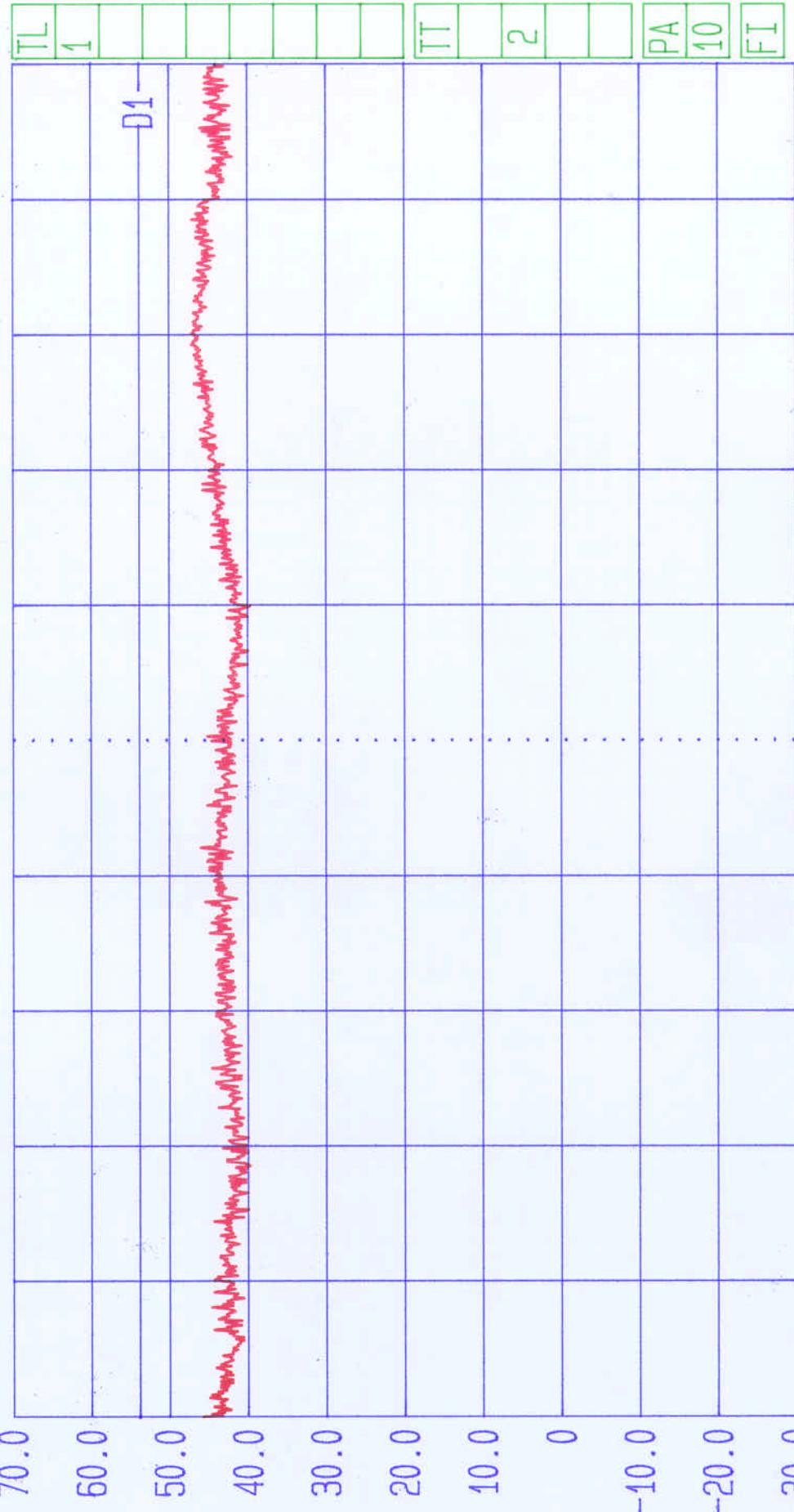


Date 11.Apr.'01 Time 16:28:42

Res.BW  
Ref.[Lv]  
70.00 dB\*

1 MHz [imp]  
TG.[Lv]  
100.000 MHz  
CF.Stp

0 dB  
[dB $\mu$ V/m]



Start 1 GHz  
Tested By RFI For RED M  
Spec: FCC Part 15.209

Center 1.5 GHz  
EUT: 1000AP  
Opcond: Tx Top Channel

Sweep 20 ms

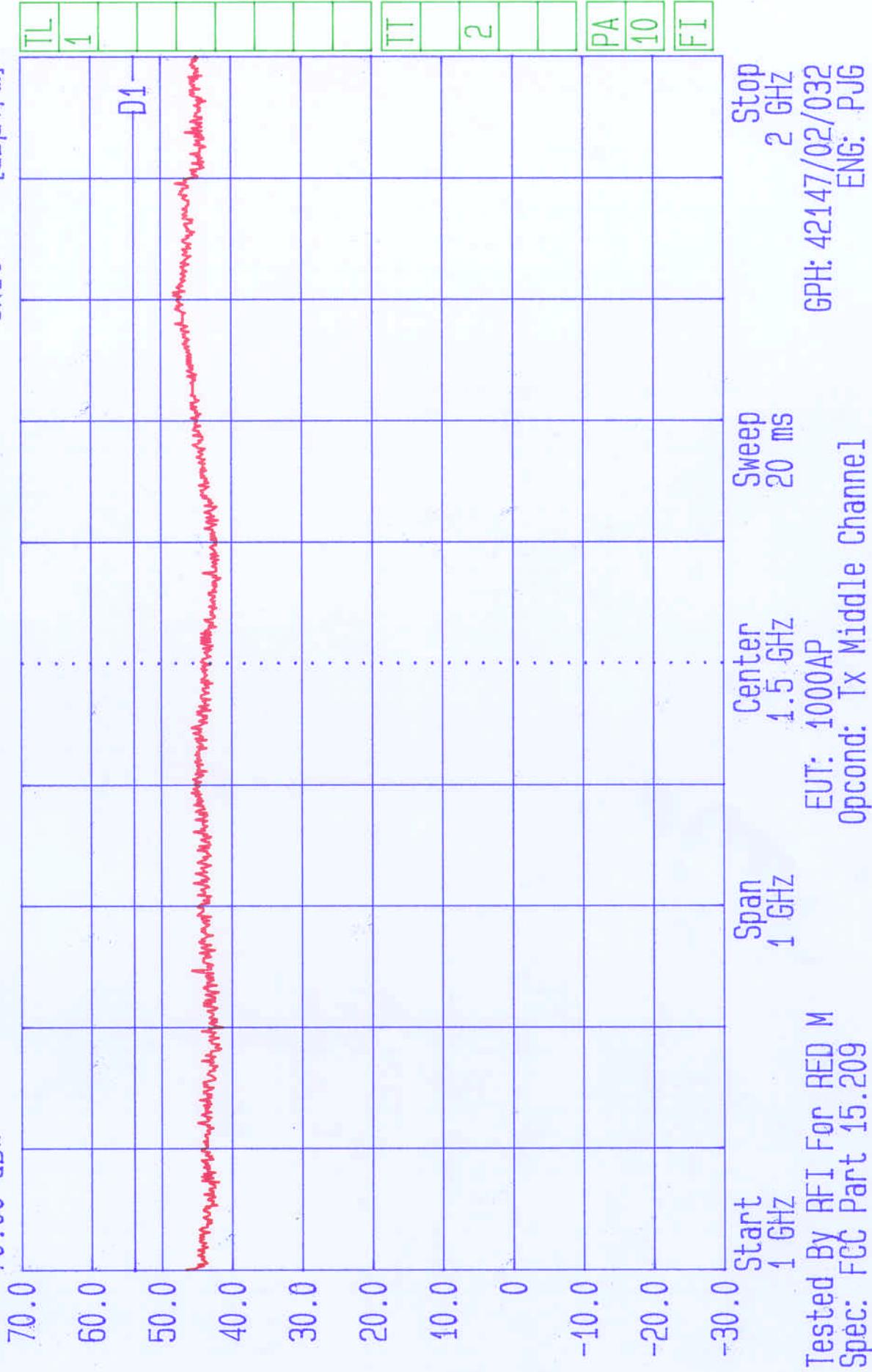
Stop 2 GHz  
GPH: 42147/02/031  
ENG: PJG



Date 11. Apr. '04 Time 16: 35: 46

Res.BW  
TG.[LV]  
CF.Stp

1 MHz [imp]  
off  
100.000 MHz  
RF Att  
Unit  
[dB $\mu$ V/m]

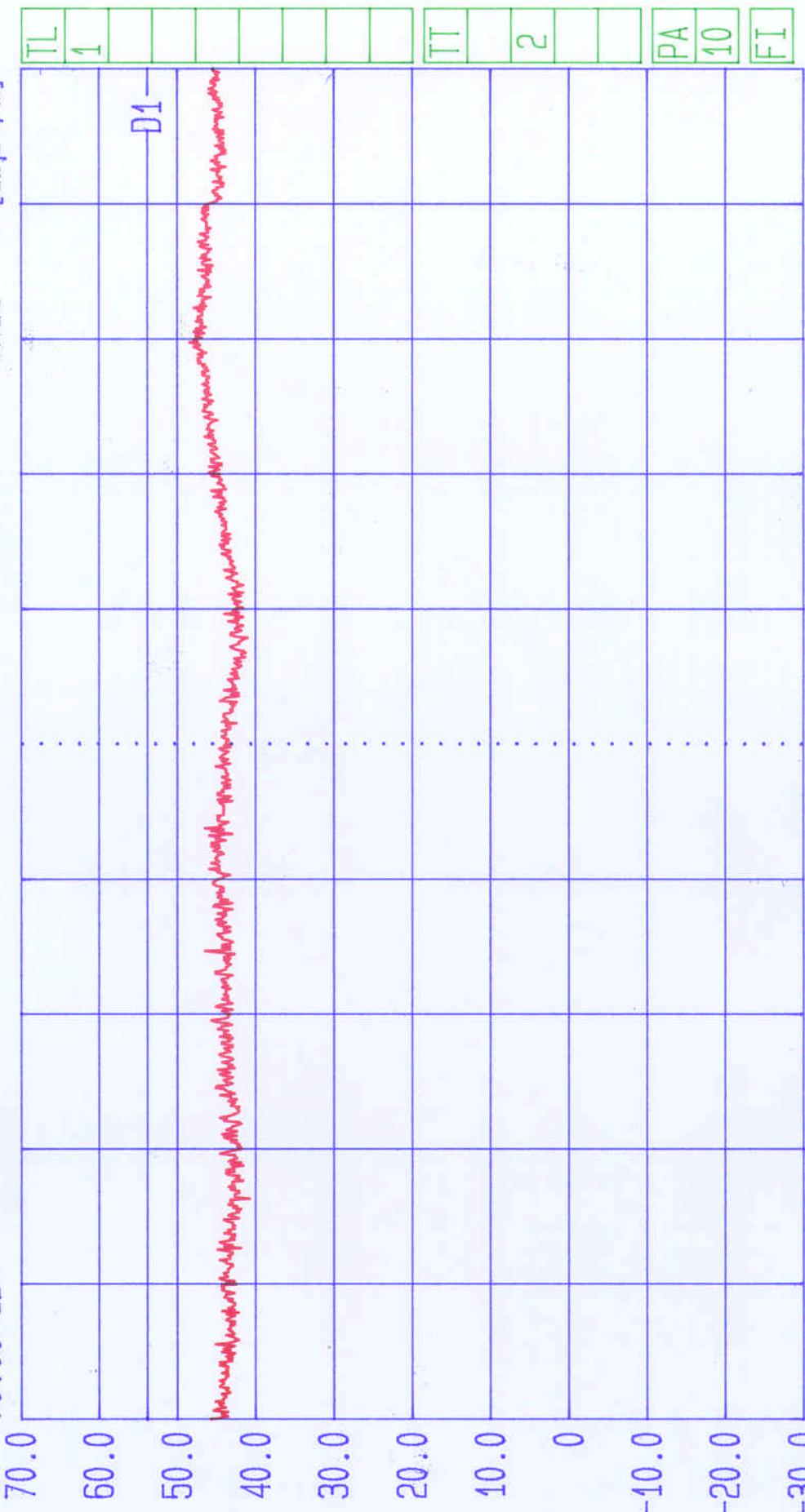




Date 11.Apr. '01 Time 16: 45: 51

Res.Bw  
TG.Lv  
CF.Stp  
Ref.Lv  
70.00 dB\*

1 MHz [imp]  
off  
100.000 MHz  
RF Att  
Unit  
[dB $\mu$ V/m]



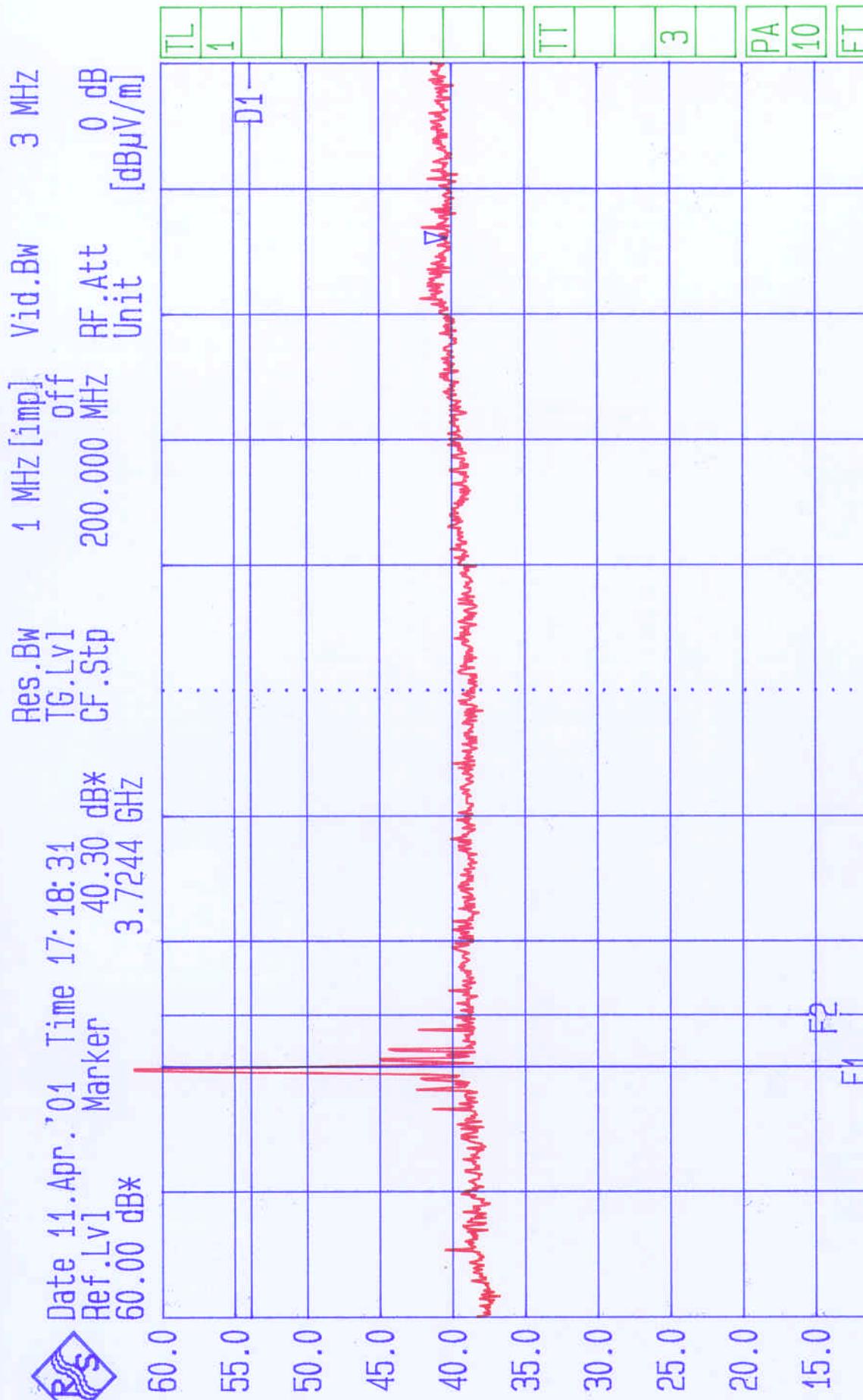
Stop 2 GHz  
GPH: 42'147/02/033  
ENG: PJG

Sweep 20 ms  
EUT: 1000AP  
Opcond: Tx Bottom Channel

Span 1 GHz  
1.5 GHz  
Tested BY RFI For RED M  
Spec: FCC Part 15.209



Date 11.Apr.'01 Time 17:18:31  
Ref.Lv1 Marker 40.30 dB\*  
60.00 dB\* 3.7244 GHz



Start 2 GHz  
Tested By RFI For RED M  
Spec: FCC Part 15.209

Center 3 GHz  
Span 2 GHz  
Sweep 20 ms

Stop 4 GHz  
EUT: 1000AP  
Opcond: Tx Bottom Channel

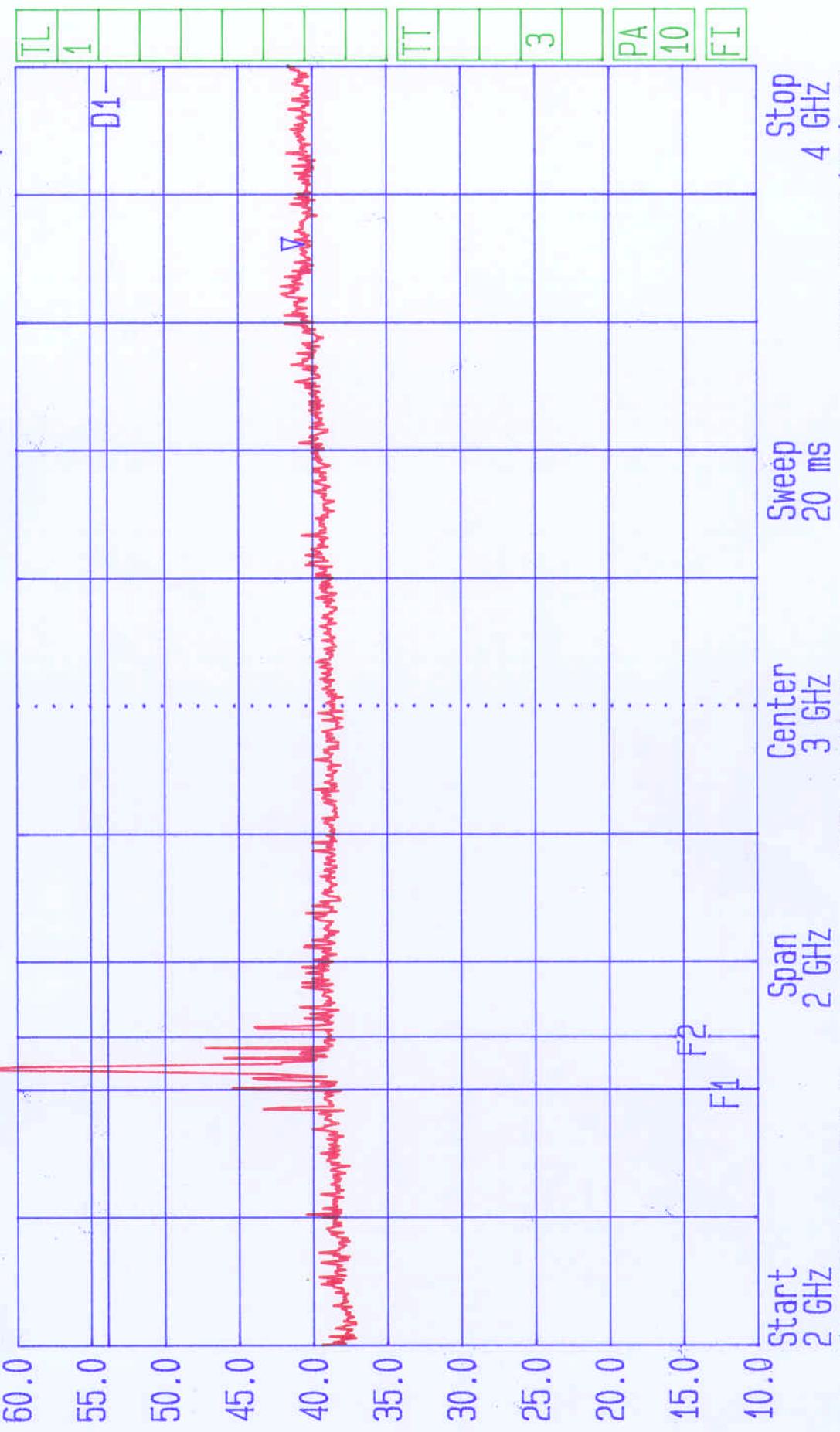
GPH: 42147/02/034  
ENG: PJG



Date 11 Apr. '01 Time 17: 23: 58 dB\*  
Ref. Lv 60.00 dB\* 40.60 dB\*  
Marker 3.7244 GHz

Res.BW  
TG.[v1  
CF.Stp

1 MHz [imp/	Vid.BW	3 MHz
off	RF Att	0 dB
200.000 MHz	Unit	[dBuV/m]



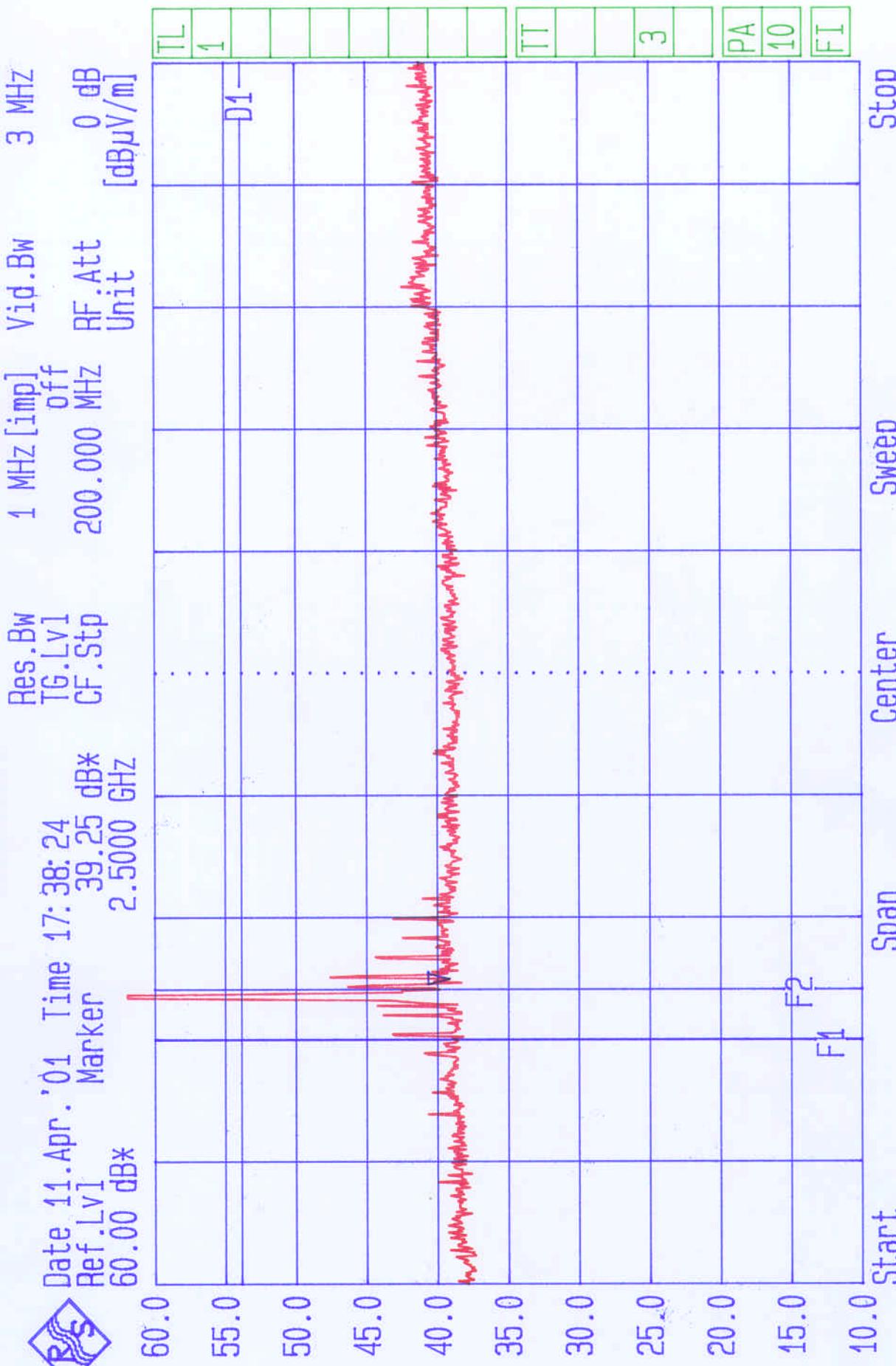
Tested By RFI For RED M  
Spec: FCC Part 15.209

EUT: 1000AP  
Opcond: Tx Middle Channel

GPH: 42147/02/035  
ENG: PJG  
+ 612



Date 11.Apr.'01 Time 17:38:24  
Ref.Lv1 60.00 dB\*  
Marker 39.25 dB\*  
GHz 2.5000 GHz



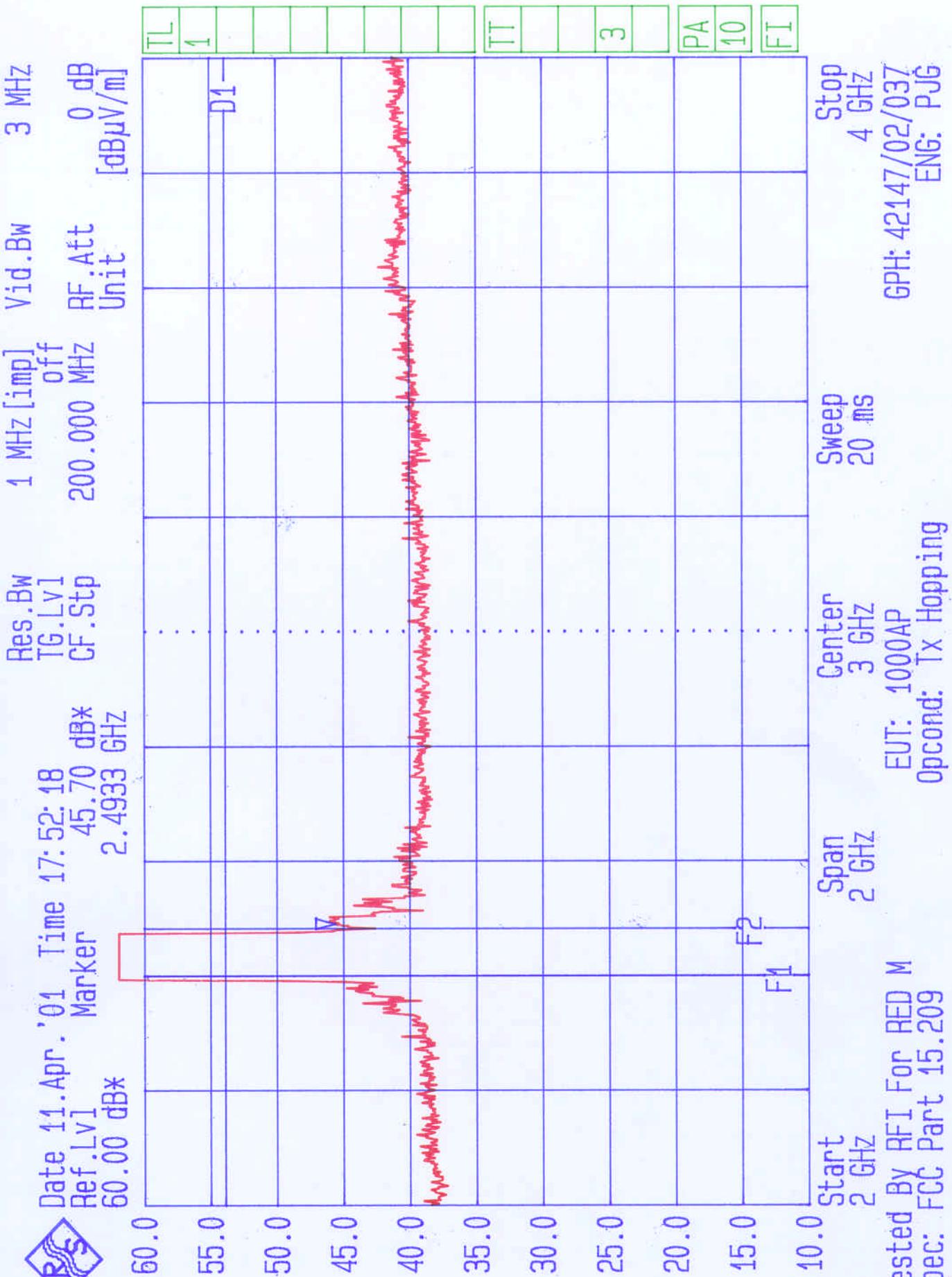
Tested BY RFI For RED M  
Spec: FCC Part 15.209

Start 2 GHz  
Span 2 GHz  
Center 3 GHz  
Sweep 20 ms  
EUT: 1000AP  
Opcond: Tx Top Channel

Stop 4 GHz  
GPH: 42147/02/036  
ENG: PJG



Date 11. Apr. '01 Time 17: 52: 18  
Ref Lv 1 Marker 45.70 dB\*  
60.00 dB\* 2.4933 GHz

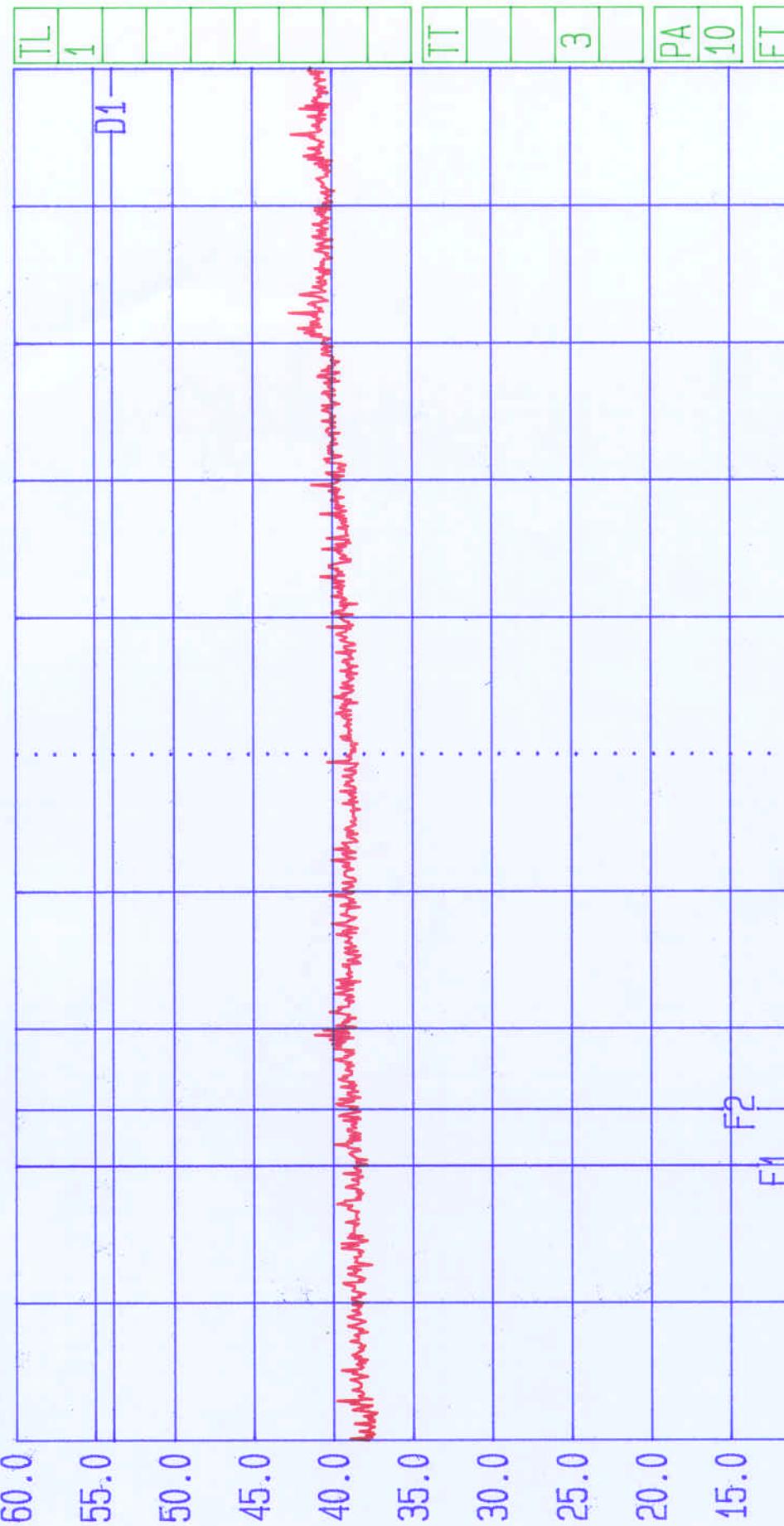




Date 11.Apr.'01 Time 18:02:20

Ref. LV1  
60.00 dB\*

Bes.BW  
TG.Lv1  
CF.Stp  
1 MHz [imp]  
off  
200.000 MHz  
Unit



Start  
2 GHz  
Span  
2 GHz

Tested BY RFI For RED M  
Spec: FCC Part 15.409

Center  
3 GHz  
EUT: 1000AP  
Opcond: Rx Mode

Sweep  
20 ms

Stop  
4 GHz  
GPH: 42147/02/038  
ENG: RJG

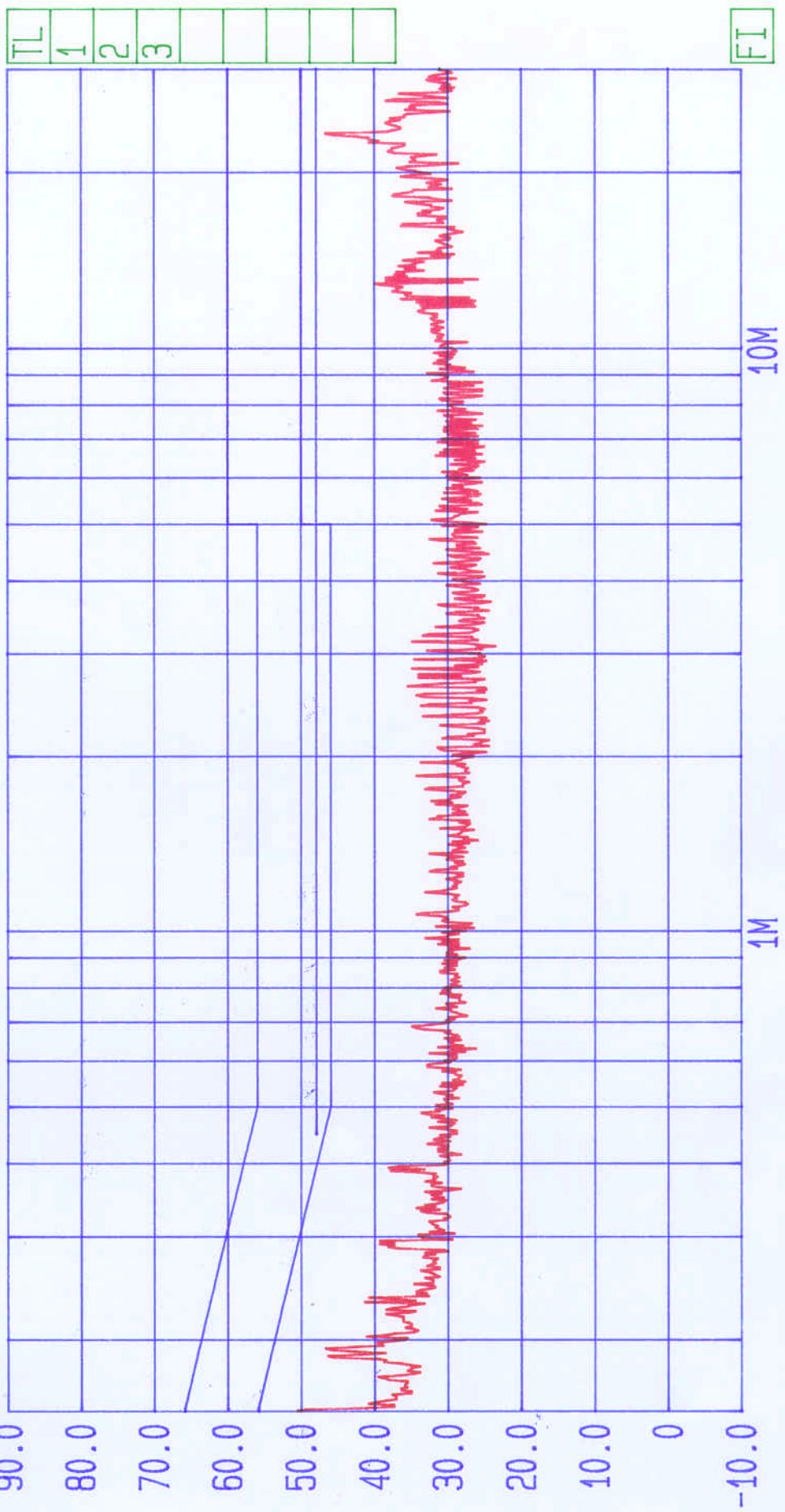


Date 12.Apr.'01 Time 08:26:31

Ref Lv1  
TG.Lv1  
CF.Stp

Res.BW 9 kHz [imp]  
off  
2.985 MHz  
Unit

90.00 dB\*



Start 150 kHz  
Tested BY FCC Part 15.207  
Spec: RED M  
Span 29.85 MHz  
For EUT: 1000AP  
Center 2.12132 MHz  
Sweep 1.94 s  
Stop 30 MHz  
GPH: 42147/02/039  
ENG: PJG  
Tx Hopping Conducted Emissions Live  
Live