

Test Of: Red-M (Communications) Ltd.  
3000AS Wireless Internet Server  
with Access Server External Aerial (3000-501)  
To: F.C.C. Part 15: 1998 Subpart C (Intentional Radiators). Section 15.247

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#### **Appendix 4. Graphical Test Results (Part 1b)**

This appendix contains the following graphs:

Graph Reference Number	Title
GPH\41715ETF04\006	Radiated Emissions, Hopping all frequencies (2.47355 GHz to 2.4935 GHz) Section 15.247 (c)
GPH\41715ETF04\007	Hopping all frequencies Section 15.257 (a)
GPH\41715ETF04\008	Radiated Emissions, Hopping all frequencies (28.35 GHz to 2.39 GHz) Section 15.247 (c)
GPH\41715ETF04\009	Radiated Emissions, Hopping all frequencies (2.39 GHz to 2.49 GHz) Section 15.247 (c)
GPH\41715ETF04\010	Radiated Emissions, Hopping all frequencies (2.49 GHz to 26 GHz) Section 15.247 (c)

**RADIO FREQUENCY INVESTIGATION LTD.**

**EMC Department**

**TEST REPORT**  
**Graphical Test Results**  
**S.No. RFI/EMCB1/RP41715C**  
**Issue Date: 28 February 2001**

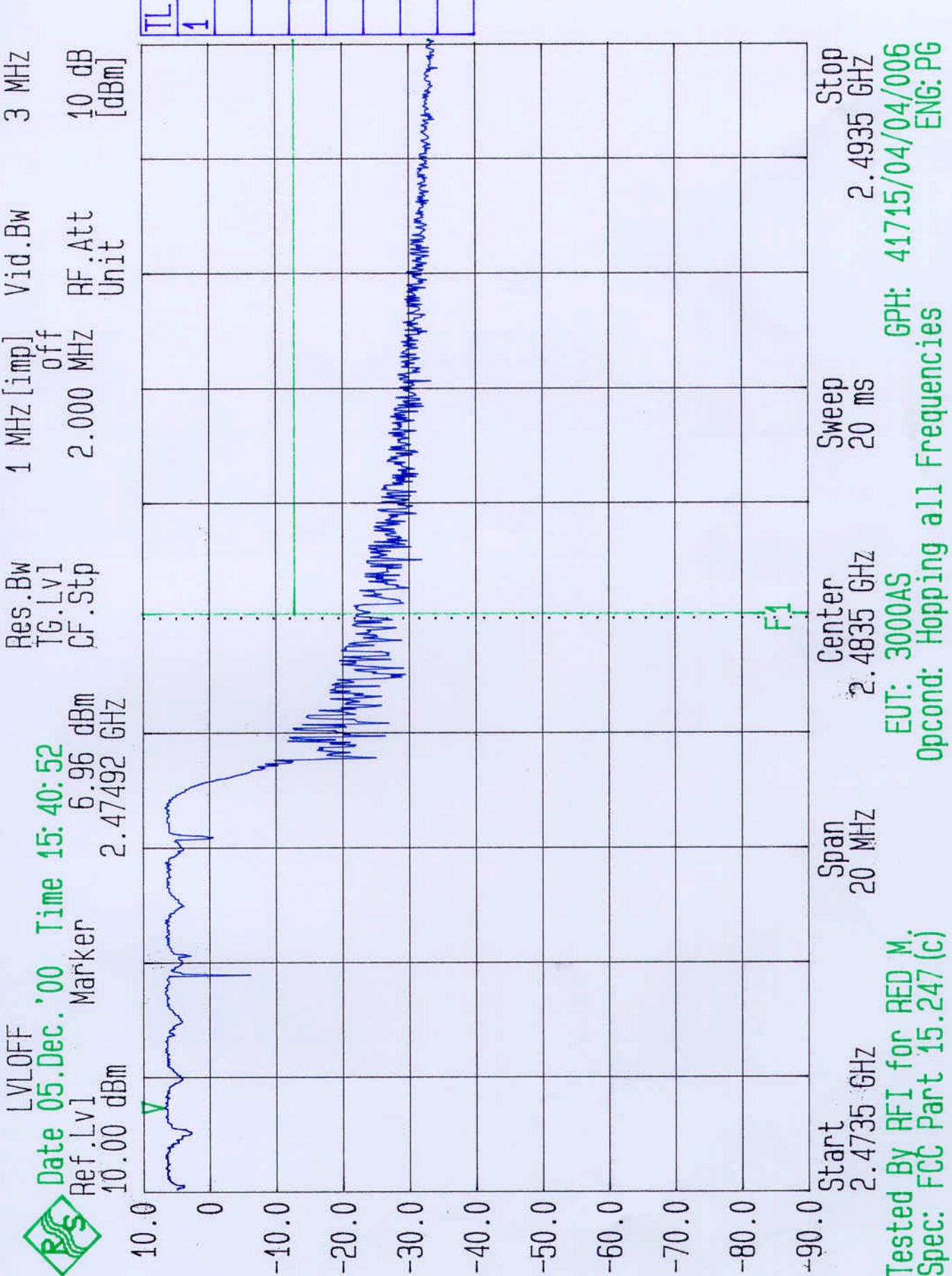
**Test Of:** **Red-M (Communications) Ltd.**  
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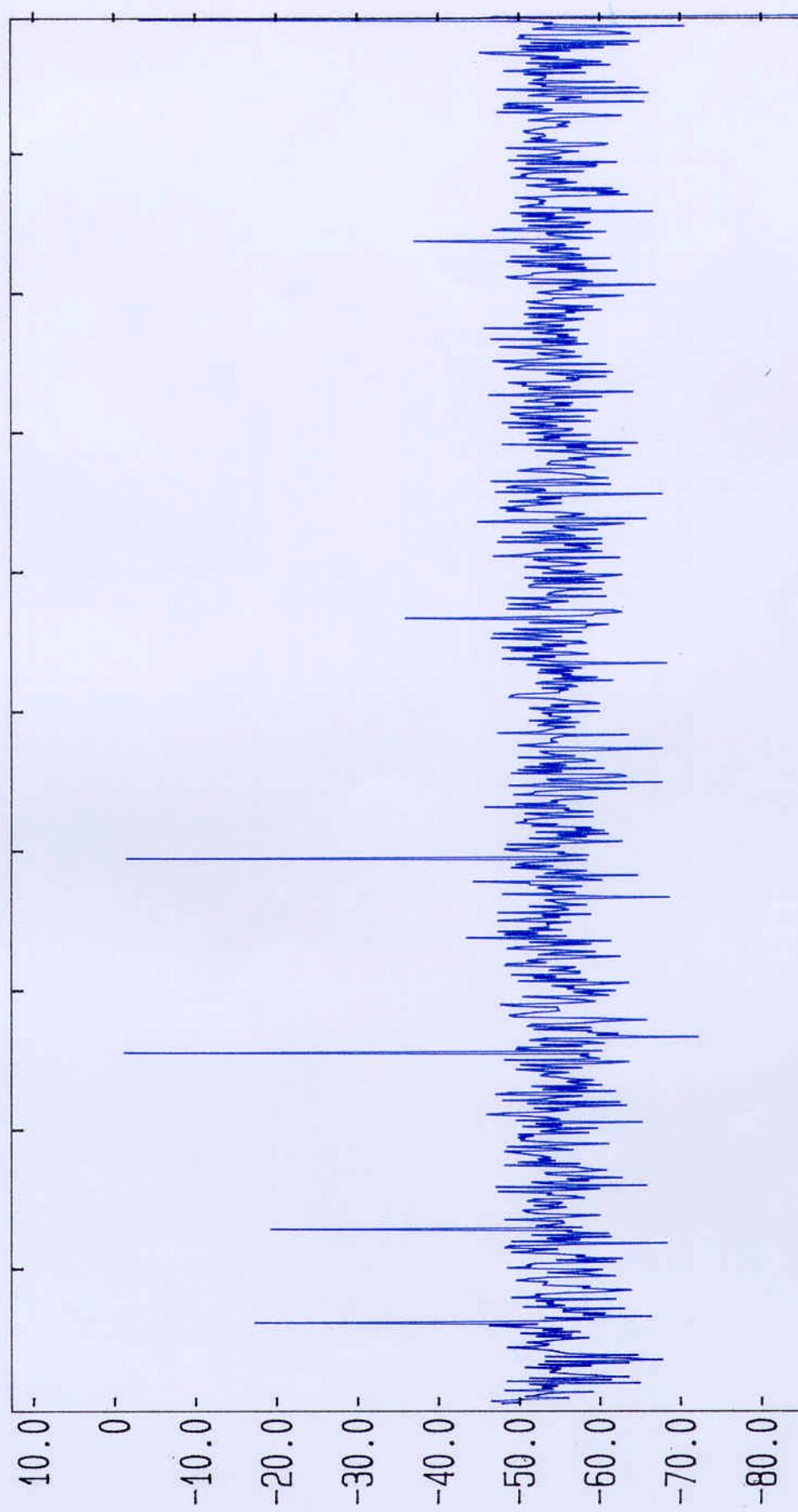


LVL OFF  
Date 05.Dec.'00 Time 15:40:52  
Ref. Lvl Marker 6.96 dBm  
10.00 dBm



LVL0FF  
Date 05.Dec.'00 Time 16:30:17  
Ref.Lv1  
12.70 dBm

Res.BW 1.0 MHz [3dB]  
TG.Lv1 0 off  
CF.Stp 100.000 kHz RF.Att  
Unit 20 dB [dBm]  
1 MHz



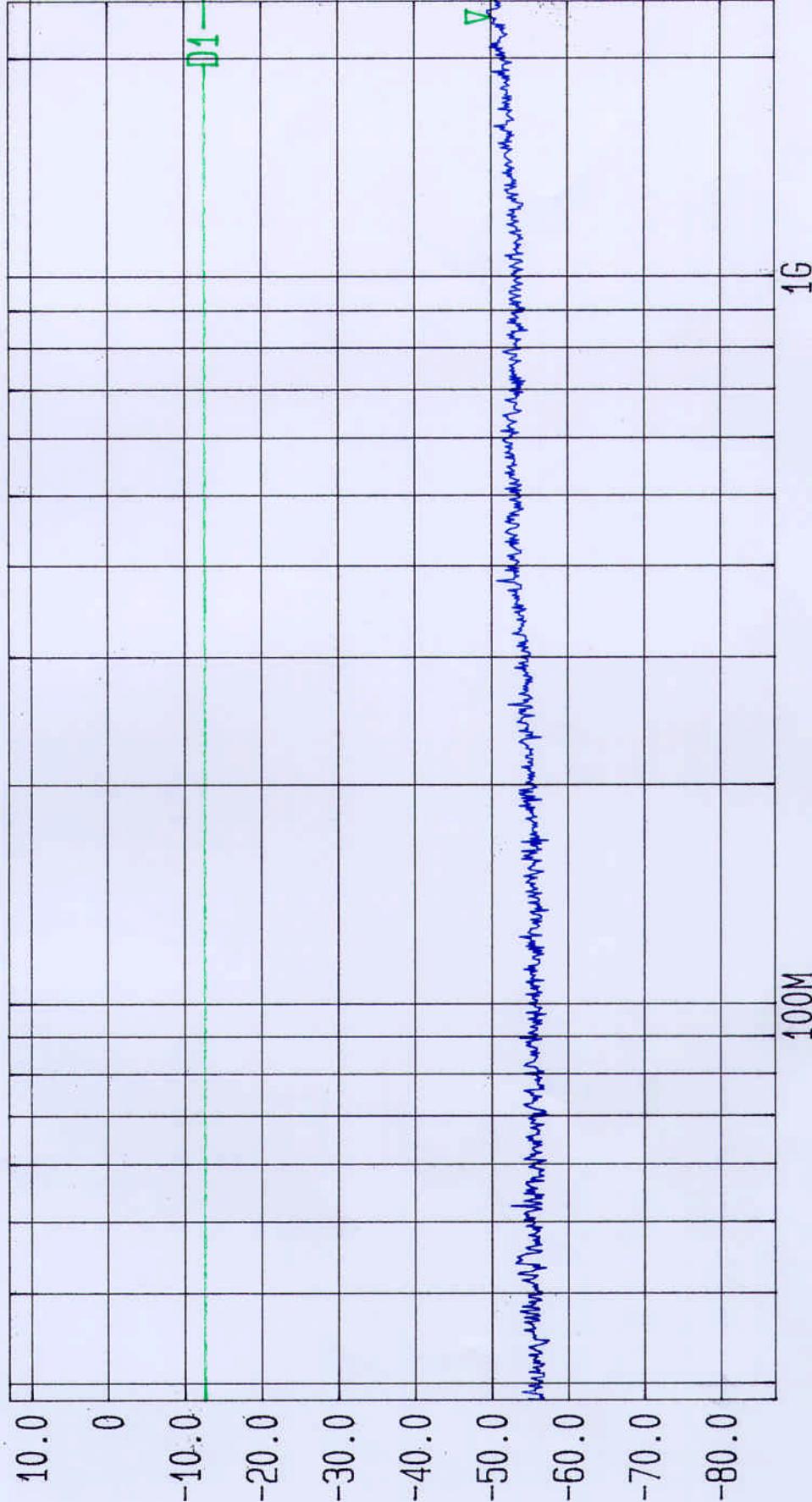
Tested By RFI for RED M.  
Spec: FCC Part 15.247 (a)

EUT: 3000AS  
Opcond: Hopping All Frequencies  
GPH: 41715/04/04/007  
ENG: PG



LVL0FF '00 Date 05.Dec. '00 Time 16: 32: 54  
Ref Lv1 Marker -50.17 dBm 2.2639 GHz  
12.70 dBm

Res.BW 100.0 kHz [3dB] Vid.BW 100 kHz  
CF .Stp 236.164 MHz RF Att 20 dB  
[dBm] Unit

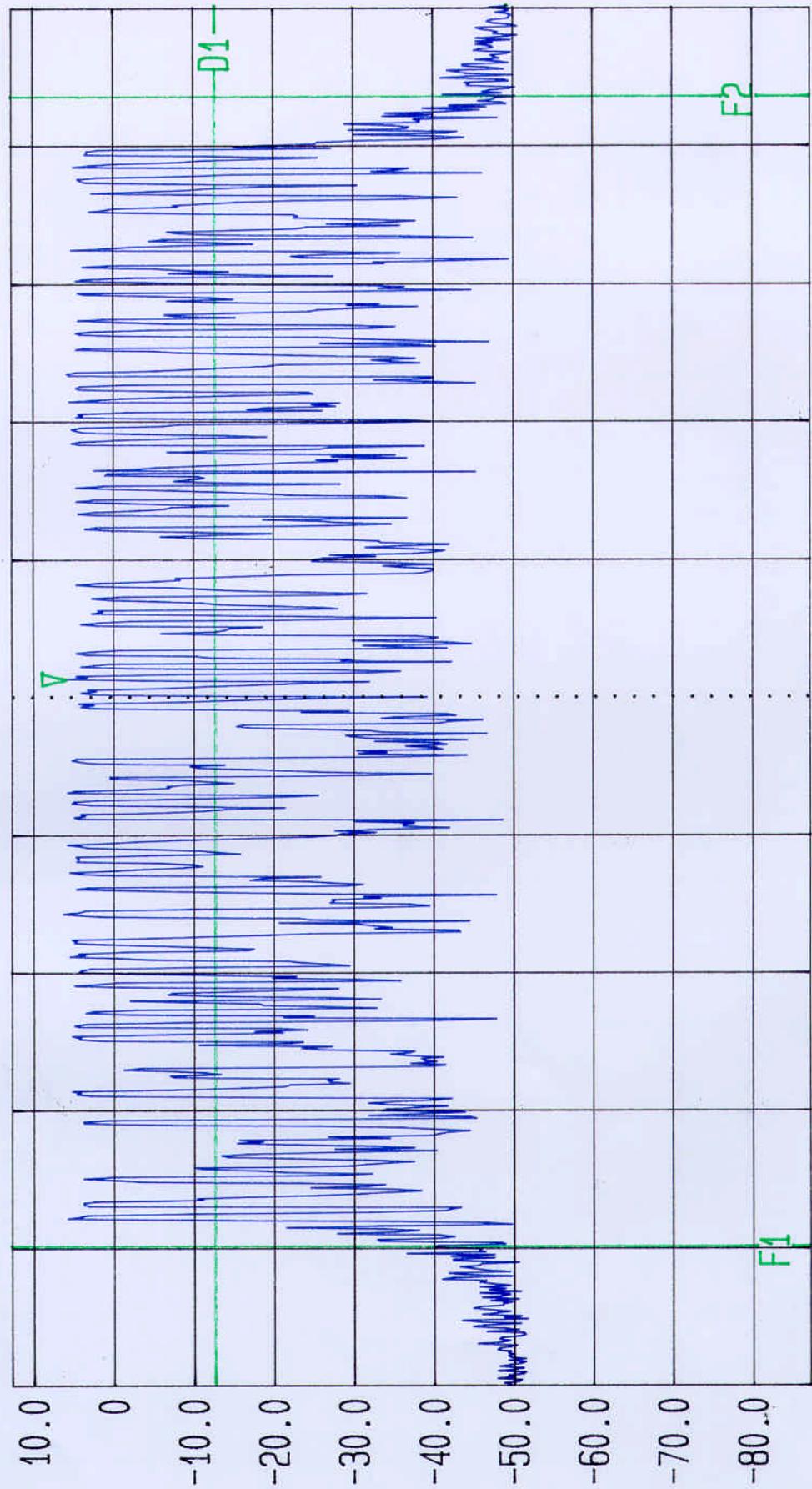


Stop 2.39 GHz  
Sweep 80 ms  
Center 260.3 MHz  
Span 2.361 GHz  
EUT: 3000AS  
Tested by RFI for RED M.  
Spec: FCC Part 15.247 (C)  
Opcond: Hopping All Frequencies  
ENG: PG



LVL0FF  
Date 05.Dec. '00 Time 16: 37: 39  
Ref. Lv1 12.70 dBm

Res.BW 100.0 kHz [3dB] Vid.BW 100 kHz  
Marker 6.00 dBm CF.Stp 10.000 MHz RF.Att Unit  
2.4412 GHz

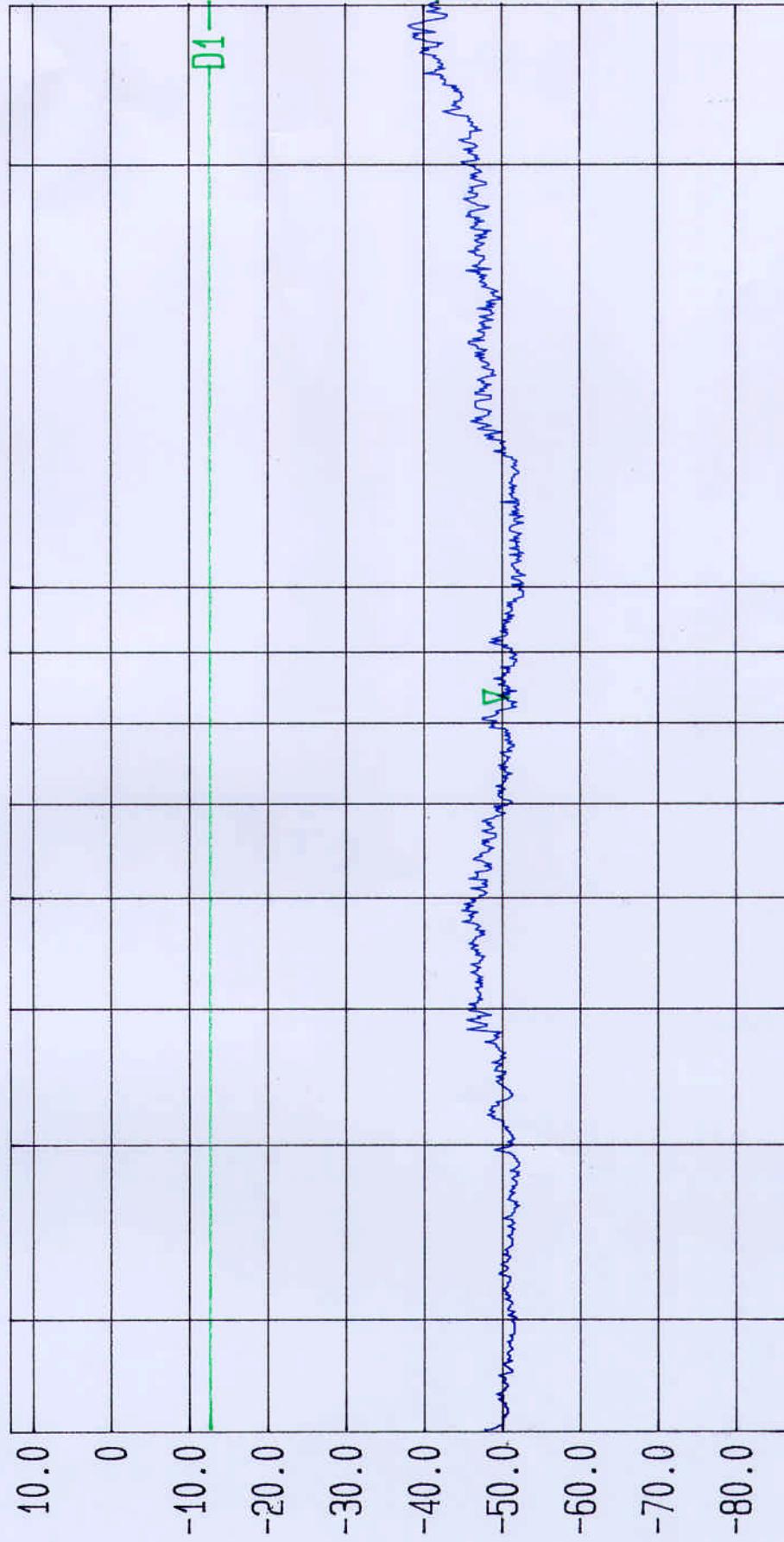


Start 2.39 GHz Span 100 MHz Center 2.44 GHz Sweep 40 ms  
Tested by RFI for RED M.  
Spec: FCC Part 15.247 (C)  
EUT: 3000AS  
Opcond: Hopping All Frequencies  
GPH: 41715/04/04/009  
ENG: PG  
Stop 2.49 GHz



LVLOFF  
Date 05.Dec. '00 Time 16:42:52  
Ref Lv1 Marker -50.88 dBm  
12.70 dBm 8.2801 GHz

Res.Bw 100.0 kHz [3dB] Vid.Bw 100 kHz  
CF .Stp 2.351 GHz RF Att 20 dB  
[dBm] Unit



Start 2.49 GHz Span 23.51 GHz Center 8.046 GHz Sweep 7.2 s Stop 26 GHz GPH: 41715/04/04/010  
EUT: 3000AS ENG: PG  
Opcond: Hopping All Frequencies  
Tested by RFI for RED M.  
Spec: FCC Part 15.247 (C)