

**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 1c)**

This appendix contains the following graphs:

Graph Reference Number	Title
GPH\41715ETF04\011	Radiated Emissions, Receive only, (4 GHz to 6 GHz) Section 15.247 (c)
GPH\41715ETF04\012	Radiated Emissions, Receive only, (6 GHz to 8 GHz) Section 15.247 (c)
GPH\41715ETF04\013	Radiated Emissions, Receive only, (8 GHz to 12 GHz) Section 15.247 (c)
GPH\41715ETF04\014	Radiated Emissions, Receive only, (12 GHz to 18 GHz) Section 15.247 (c)
GPH\41715ETF04\015	Radiated Emissions, Receive only, (18 GHz to 26 GHz) Section 15.247 (c)
GPH\41715ETF04\016	Radiated Emissions, Receive only, (2 GHz to 4 GHz) Section 15.247 (c)
GPH\41715ETF04\017	Radiated Emissions, Receive only, (1 GHz to 2 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.**  
**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**

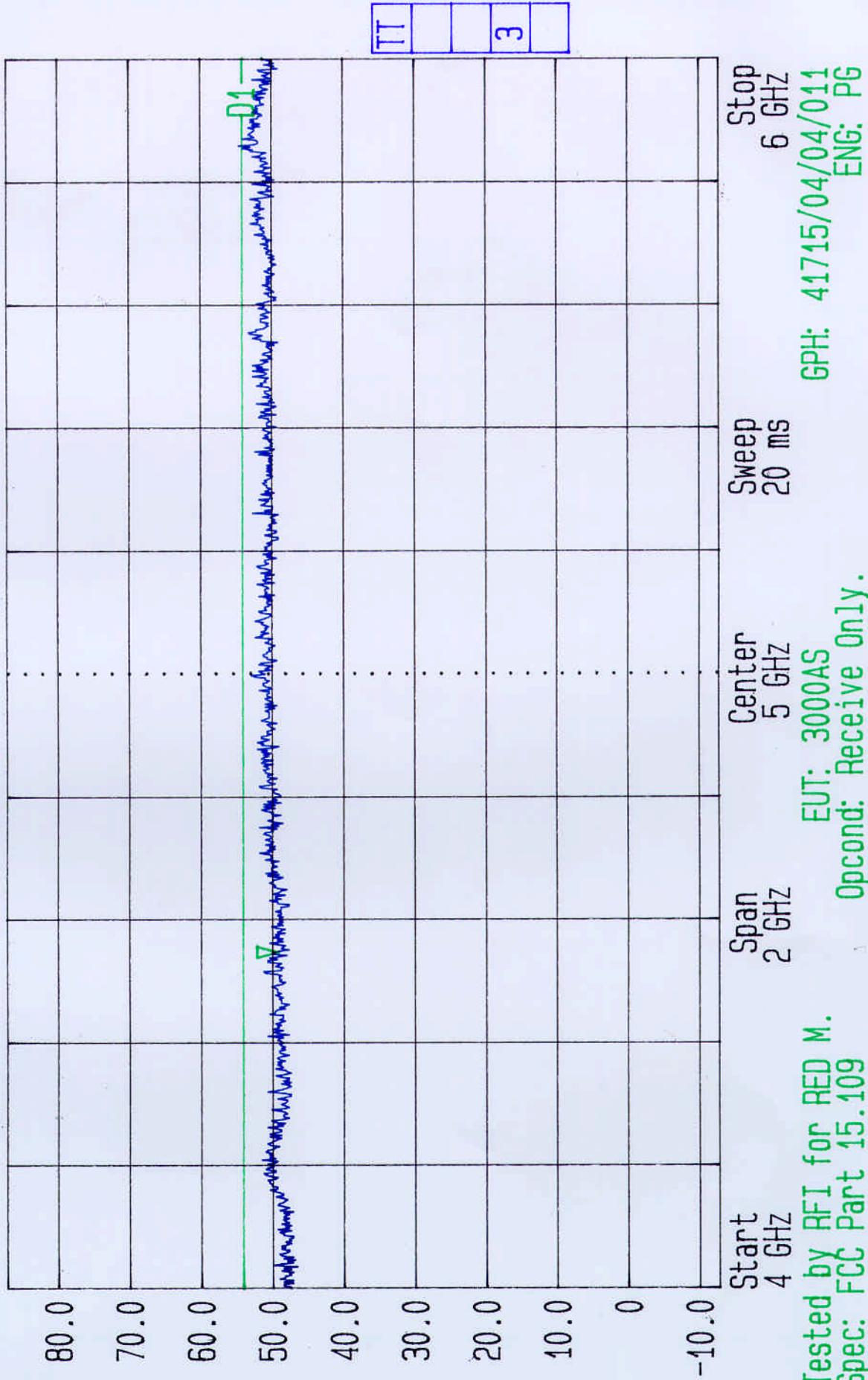
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Date 06.Dec.'00 Time 11:00:31  
Ref.Lv1 Marker 49.04 dB $\mu$ V  
87.00 dB $\mu$ V

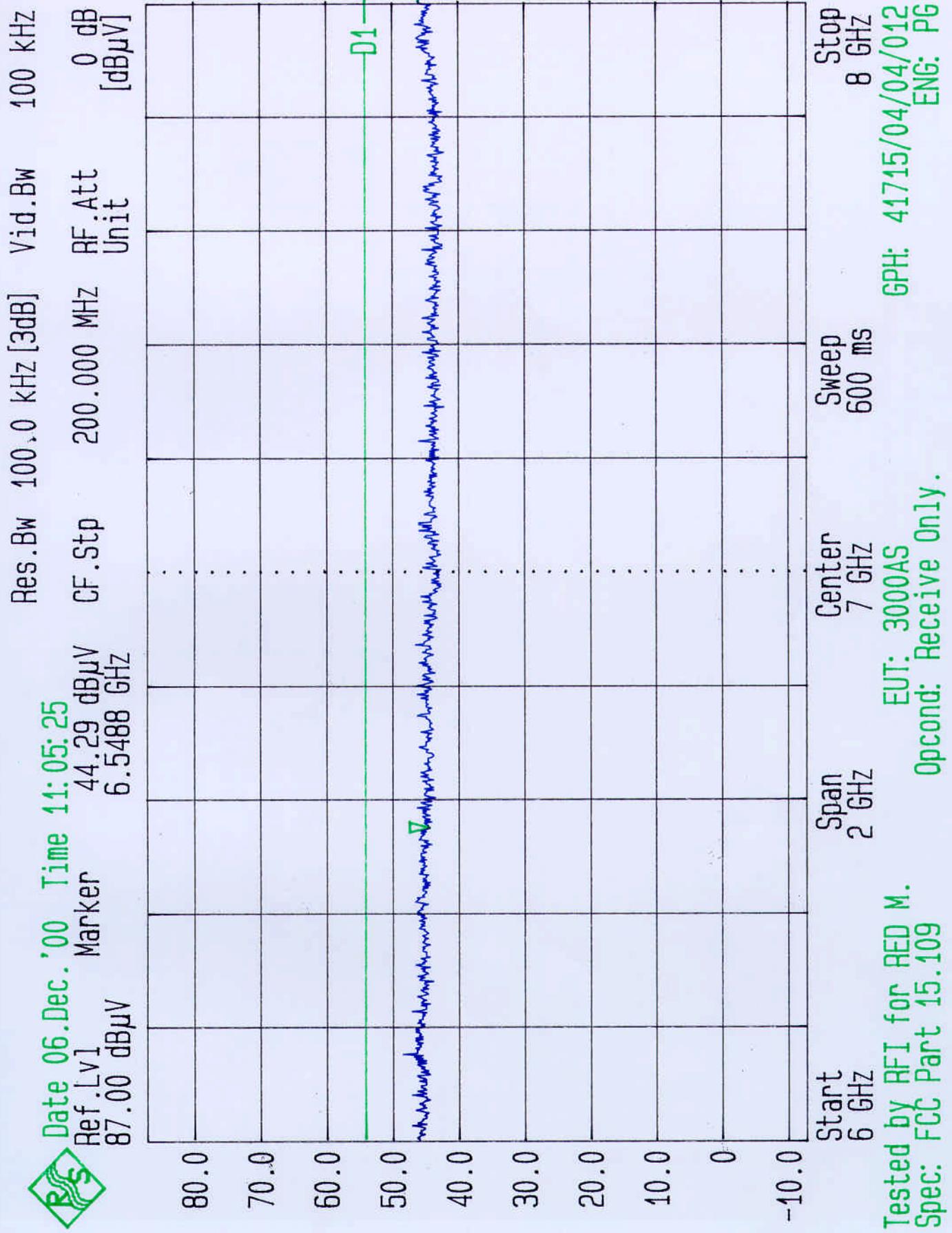
Res.Bw 1.0 MHz [3dB] Vid.Bw 1 MHz  
CF.Stp 200.000 MHz RF.Att Unit 0 dB  
[dB $\mu$ V]





Date 06.Dec.'00 Time 11:05:25

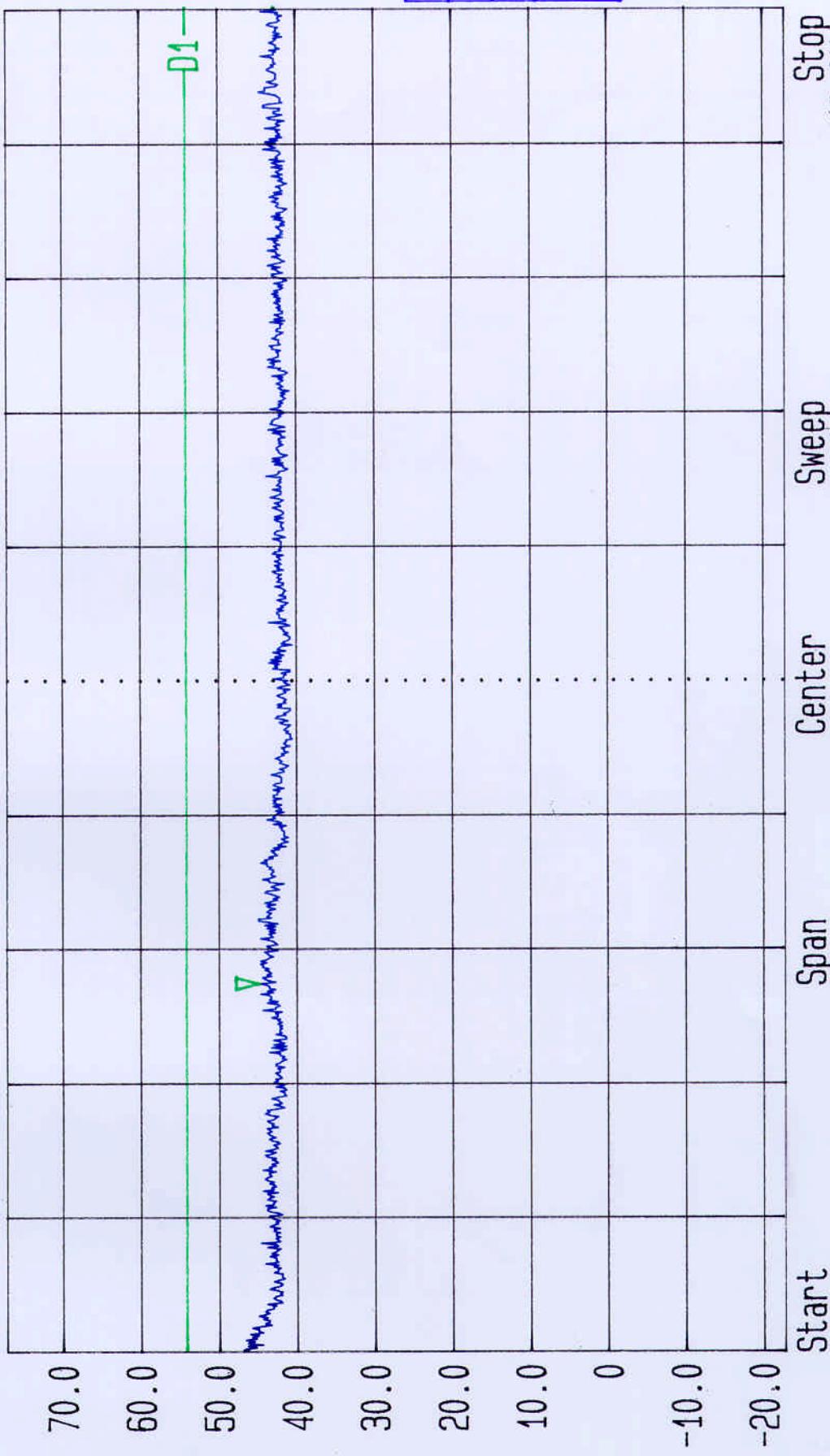
Ref. Lv1 Marker 44.29 dB $\mu$ V  
87.00 dB $\mu$ V 6.5488 GHz





Date 06.Dec. '00 Time 11: 10: 24

Ref LV1 Marker 44.60 dB $\mu$ V 100.0 kHz [3dB] Vid.BW 100 kHz  
77.00 dB $\mu$ V 44.60 dB $\mu$ V 400.000 MHz RF Att 0 dB  
GHz [dB $\mu$ V] Unit



TT 3

Stop 12 GHz  
Sweep 1.20 s  
Center 10 GHz  
Span 4 GHz  
EUT: 3000AS  
GPH: 41715/04/04/013  
Eng: PG  
Opcond: Receive Only.

Tested by RFI for RED M.  
Spec: FCC Part 15.109

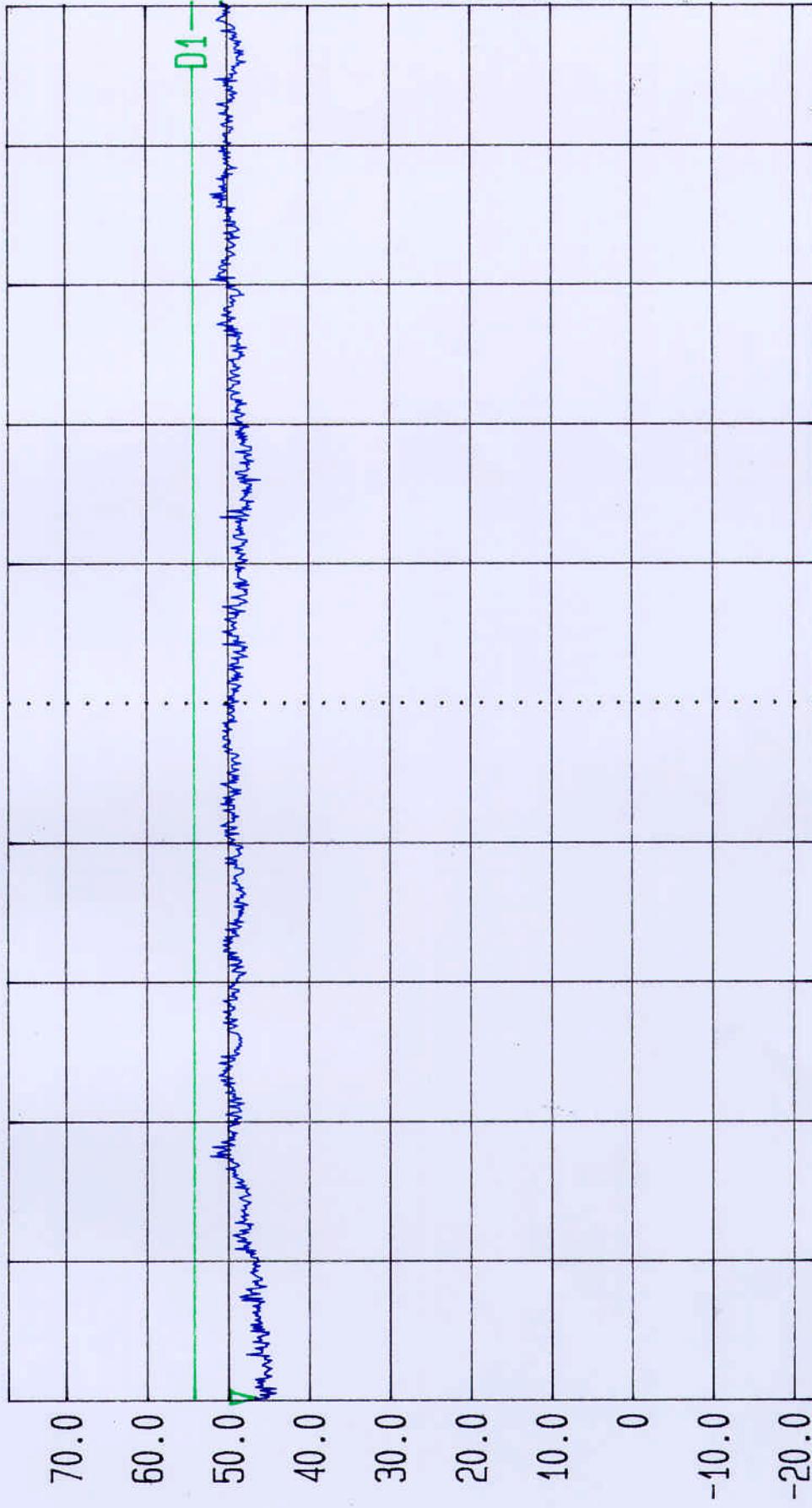


Date 06.Dec.'00 Time 11:30:25

Ref.Lv1 Marker 46.48 dB $\mu$ V  
77.00 dB $\mu$ V

Res.Bw 100.0 kHz [3dB] Vid.Bw 100 kHz

CF.Stp 600.000 MHz RF.Att 0 dB  
Unit [dB $\mu$ V]



Start 12 GHz

Center 15 GHz

Sweep 1.80 s

Stop 18 GHz

EUT: 3000AS

GPH: 4115/04/04/014

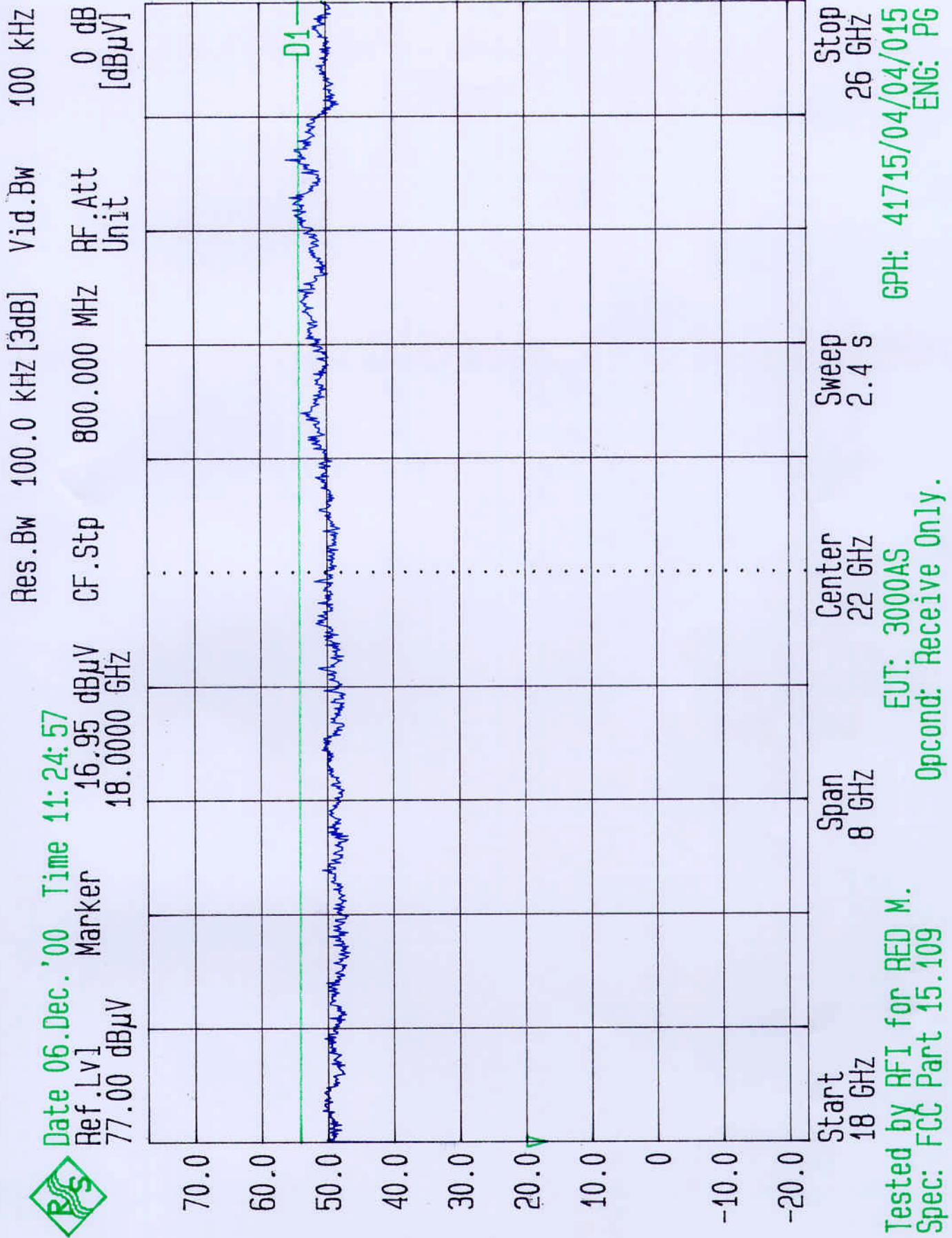
ENG: PG  
Opcond: Receive Only.

TT 3

Tested by RFTI for RED M.  
Spec: FCC Part 15.109



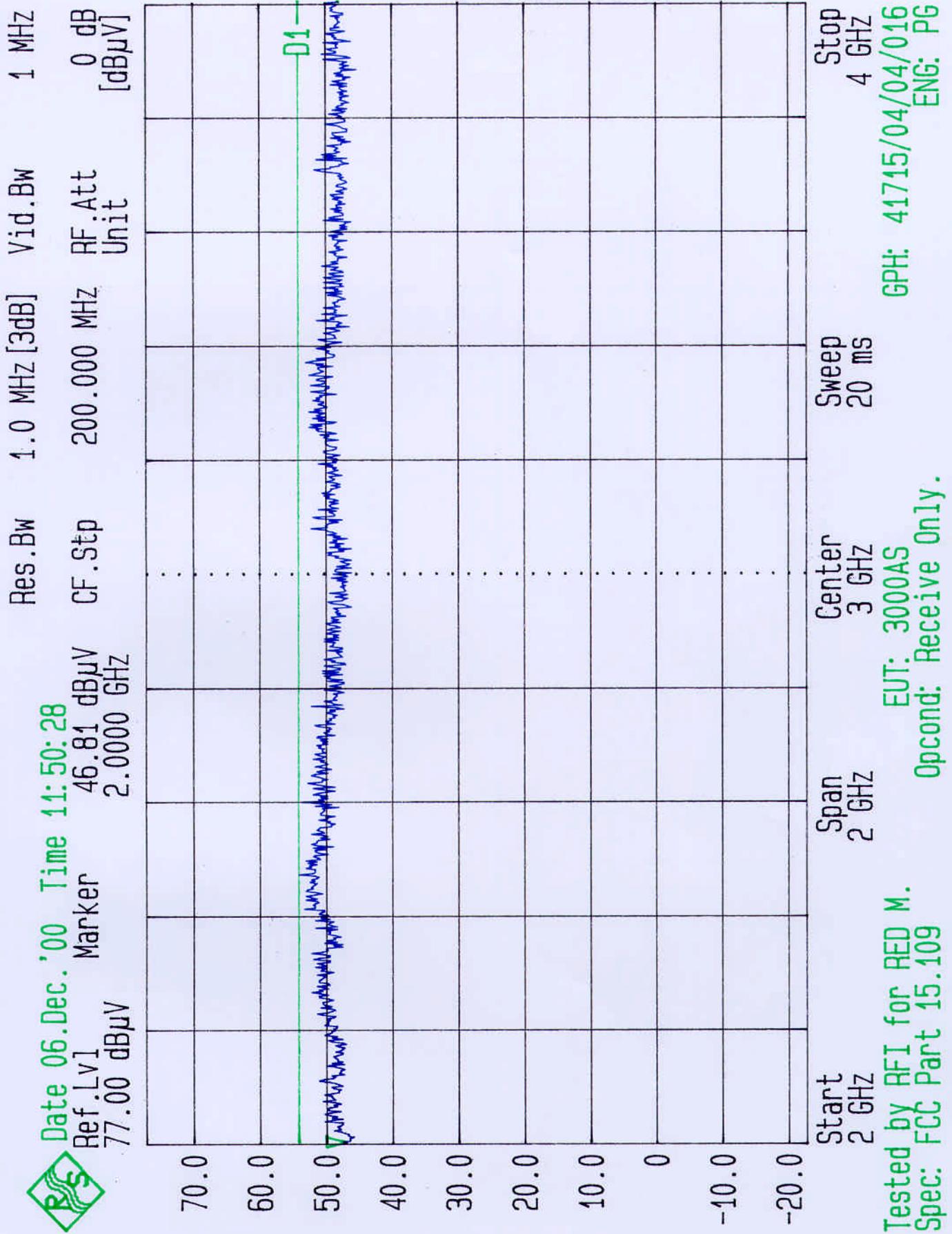
Date 06.Dec. '00 Time 11:24:57  
Ref. LV1 Marker 16.95 dB $\mu$ V  
77.00 dB $\mu$ V





Date 06.Dec.'00 Time 11:50:28

Ref.Lv1 46.81 dB $\mu$ V  
77.00 dB $\mu$ V





Date 06.Dec.'00 Time 11:55:55

Ref Lv1  
77.00 dBμV

Res.BW 1.0 MHz [3dB] Vid.BW 1 MHz  
Marker 55.24 dBμV CF.Stp 100.000 MHz RF.Att 0 dB  
1.0722 GHz [dBμV]

