

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**

Appendix 4. Graphical Test Results (Part 1a)

This appendix contains the following graphs:

Graph Reference Number	Title
GPH\41715ETF04\001	Radiated Emissions, Hopping all frequencies (2.39 GHz to 2.49 GHz) Section 15.247 (a)
GPH\41715ETF04\002	Radiated Emissions, Hopping all frequencies (2.438577451 GHz to 2.440974999 GHz) Section 15.247 (a)
GPH\41715ETF04\003	Radiated Emissions, Hopping all frequencies (2.43675 GHz to 2.43925 GHz) Section 15.247 (a)
GPH\41715ETF04\004	Radiated Emissions, Hopping all frequencies (2.4355 GHz to 2.4405 GHz) Section 15.247 (b)
GPH\41715ETF04\005	Radiated Emissions, Hopping all frequencies (2.39 GHz to 2.41 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

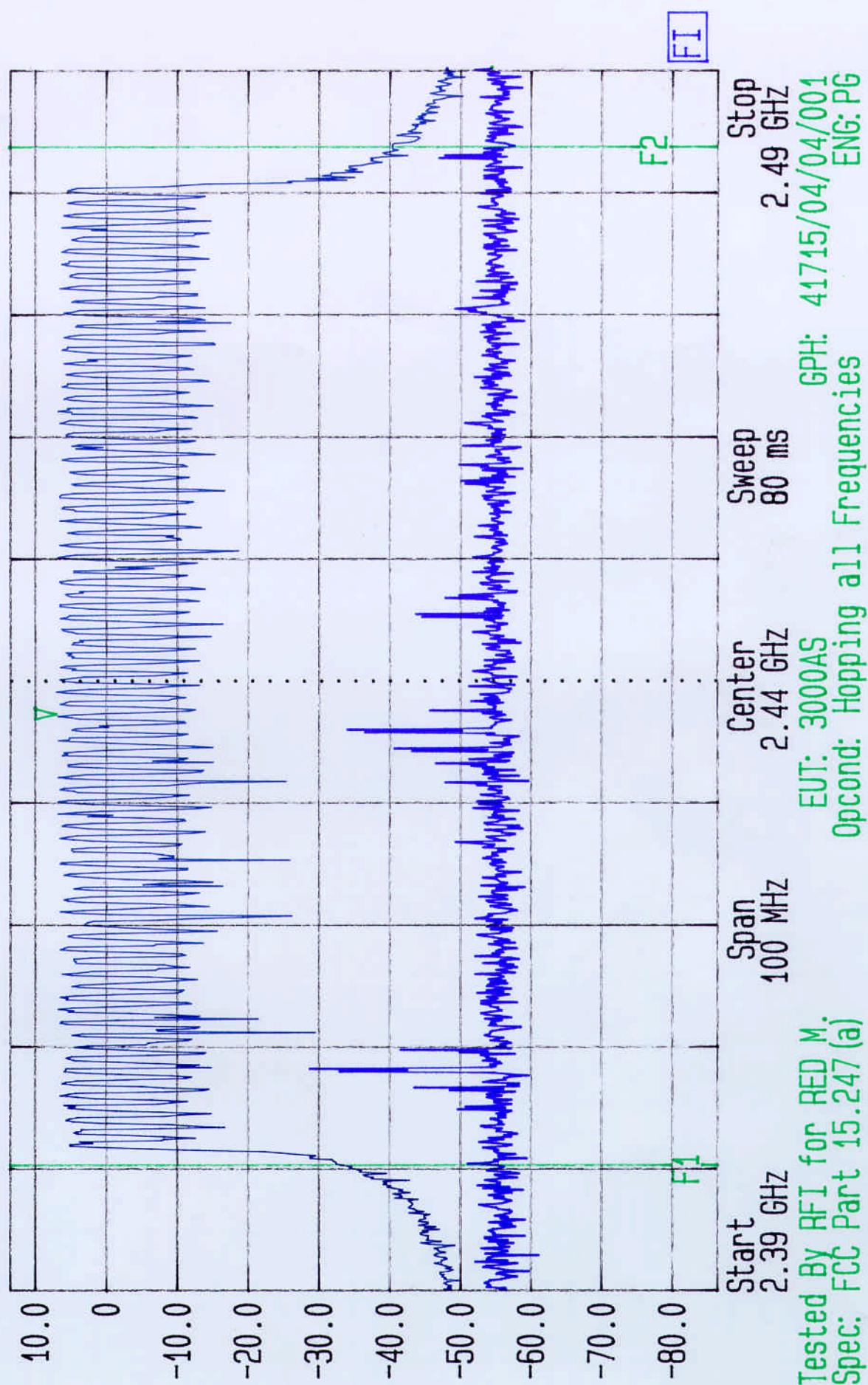
Test Of: **Red-M (Communications) Ltd.**
3000AS Wireless Internet Server
with Access Server External Aerial (3000-501)
To: **F.C.C. Part 15: 1998 Subpart C (Intentional Radiators). Section 15.247**

This page has been left intentionally blank.



LVOFF
Date 05 Dec '00 Time 14:20:58
Ref Lv1 Marker 7.03 dBm
13.60 dBm

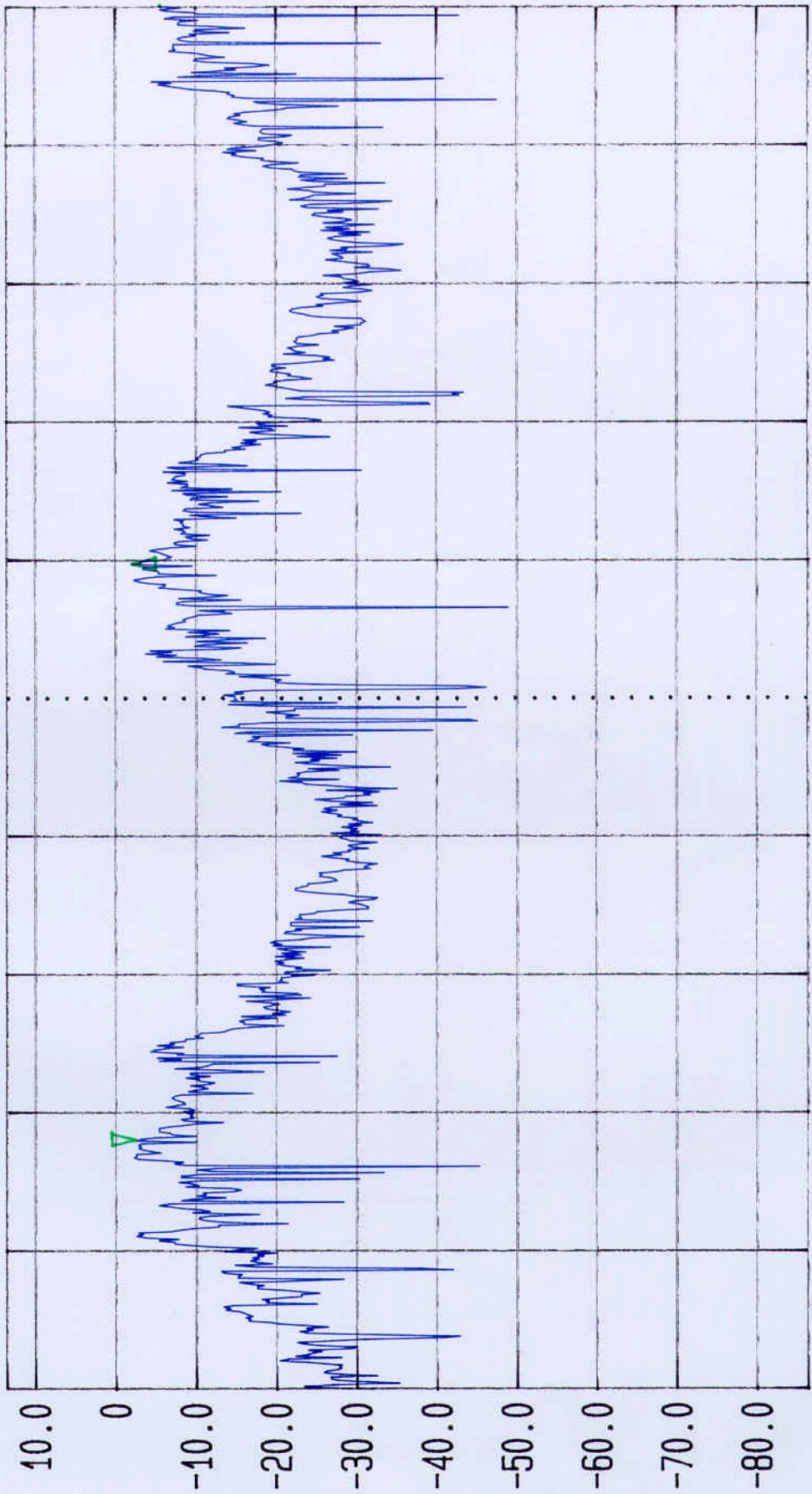
Res.BW 100 kHz [imp] Vid.BW 1 MHz
TG.Lv1 0 dBm CF.Stp 10.000 MHz RF.Att Unit
CF.Stp 10 dB [dBm]





LVLOFF '00 Time 14:32:14
Date 05.Dec. Ref Lv1 Delta 0.71 dB
13.60 dBm 998.9 kHz

Res.BW
TG.Lv1
CF.Stp
10 kHz [imp]
off
100 kHz
Vid.BW
RF.Att
Unit
10 dB
[dBm]



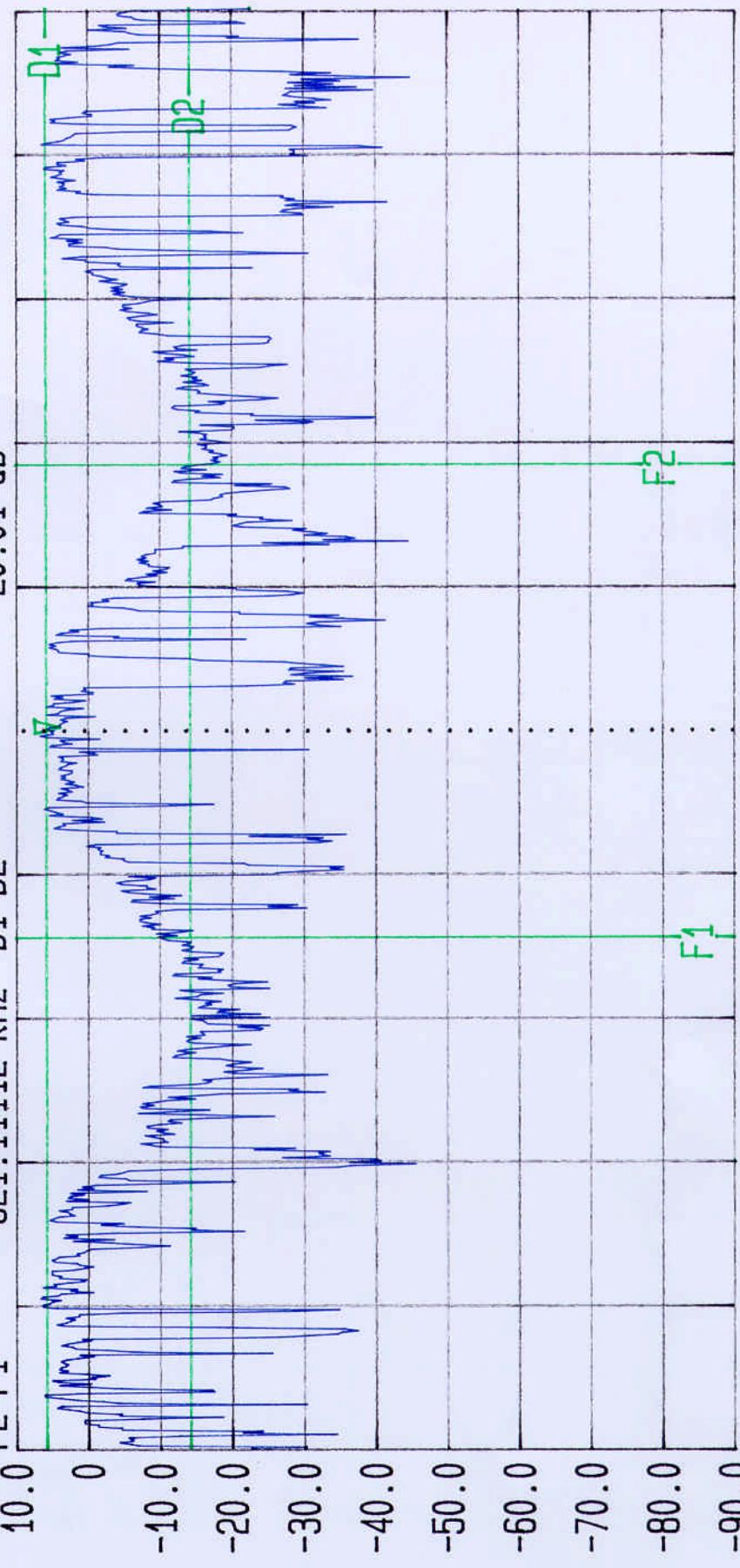
Start 2.438577451 GHz 2.39754 MHz 2.439776225 GHz Center Span 2.440974999 GHz 160 ms Sweep Stop 2.440974999 GHz
Tested BY RFI for RED M.
Spec: FCC Part 15.247 (a)
EUT: 3000AS
Opcond: Hopping all Frequencies
GPH: 41715/04/04/002
ENG: P6



LVL0FF
Date 05.Dec.'00 Time 15:20:45
Ref.Lv1 Marker 4.04 dBm
10.00 dBm

Res.BW 100 kHz [imp] Vid.BW 1 MHz
TG.[V1] off
CF.Stp 250.000 kHz RF.Att Unit
10 dB
[dBm]

F1 2.43763888888 GHz D1
F2 2.43846000000 GHz D2
F2-F1 -821.11112 kHz D1-D2

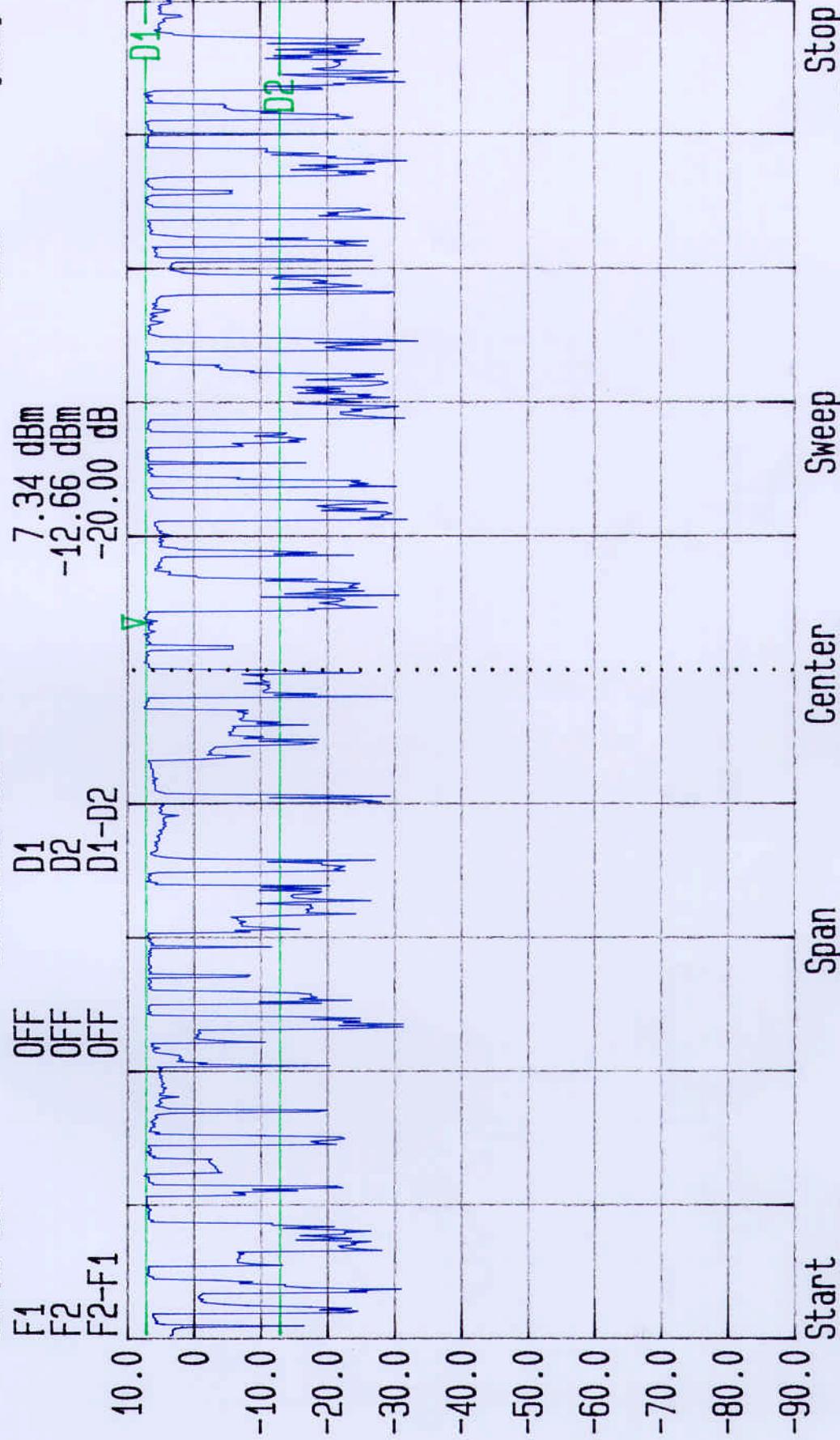


Start 2.43675 GHz Span 2.5 MHz Stop 2.43925 GHz
Tested BY RFI for RED M.
Spec: FCC Part 15.247 (a) EUT: 3000AS GPH: 41715/04/04/003
Opcond: Hopping all Frequencies ENG: P6



LVLOFF
Date 05 Dec. '00 Time 15:27:22
Ref. Lv1 Marker 2.438466 GHz
10.00 dBm

Res.BW
TG.[LV]
CF.Stp
500.000 kHz
1 MHz [Imp]
Vid.BW
10 dB
[dBm]



Span 5 MHz
Start 2.4355 GHz
Center 2.438 GHz
Sweep 20 ms
Stop 2.4405 GHz
EUT: 3000AS
Opcond: Hopping all Frequencies

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

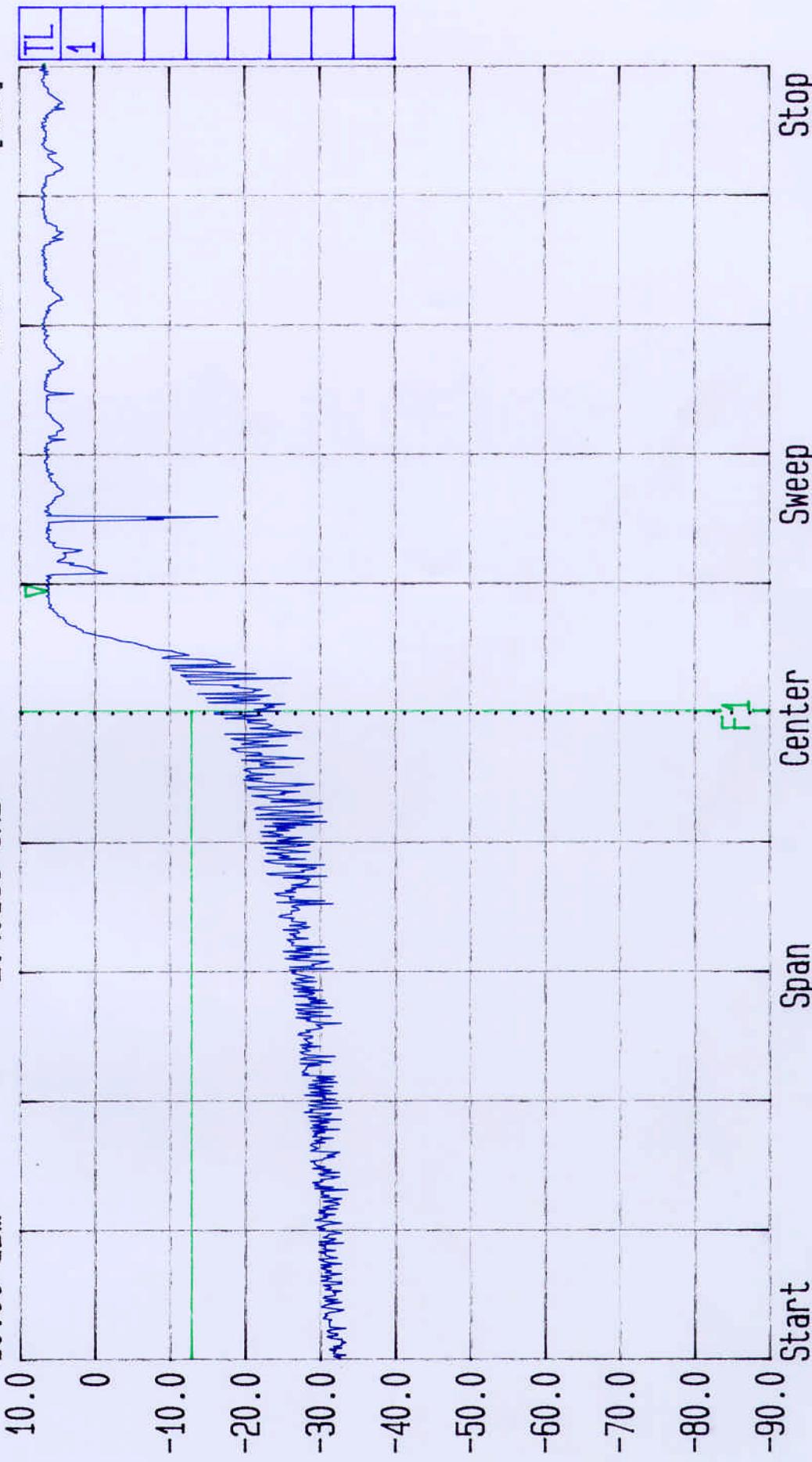
GPH: 41715/04/04/004
ENG: PG



LVL0FF
Date 05.Dec.'00 Time 15:33:10
Ref Lv1 Marker 6.30 dBm
10.00 dBm

Res. BW
TG.Lv1
CF.Stp

1 MHz [imp]
off
2.000 MHz RF Att
Unit



Stop 2.41 GHz
Sweep 20 ms
Center 2.4 GHz
Span 20 MHz
Start 2.39 GHz
EUT: 3000AS
GPH: 41715/04/04/005
Opcond: Hopping all Frequencies
ENG: PG

Tested BY RFI for RED M.
Spec: FCC Part 15.247 (c)