GRAPHICAL TEST RESULTS
PART 5
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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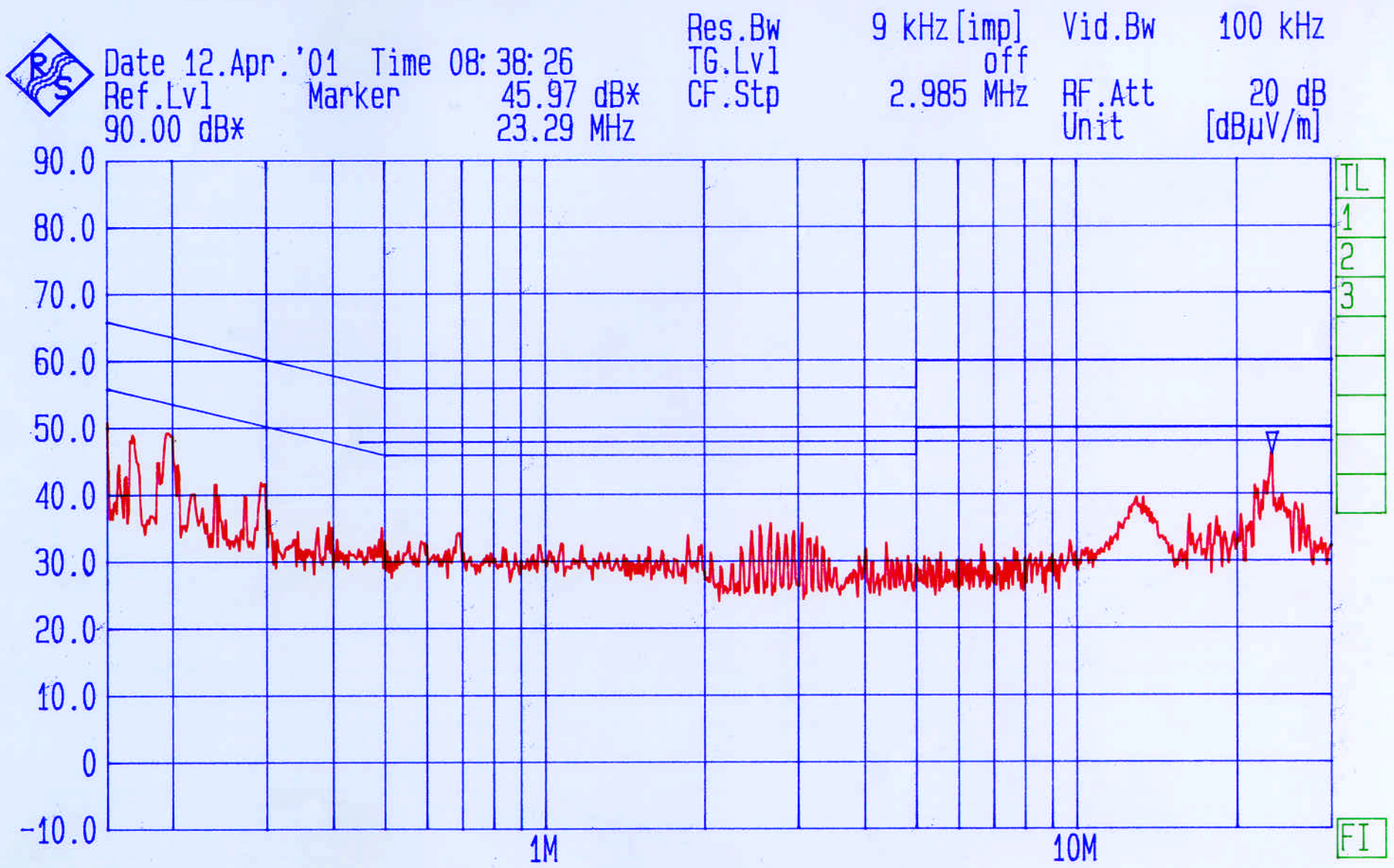
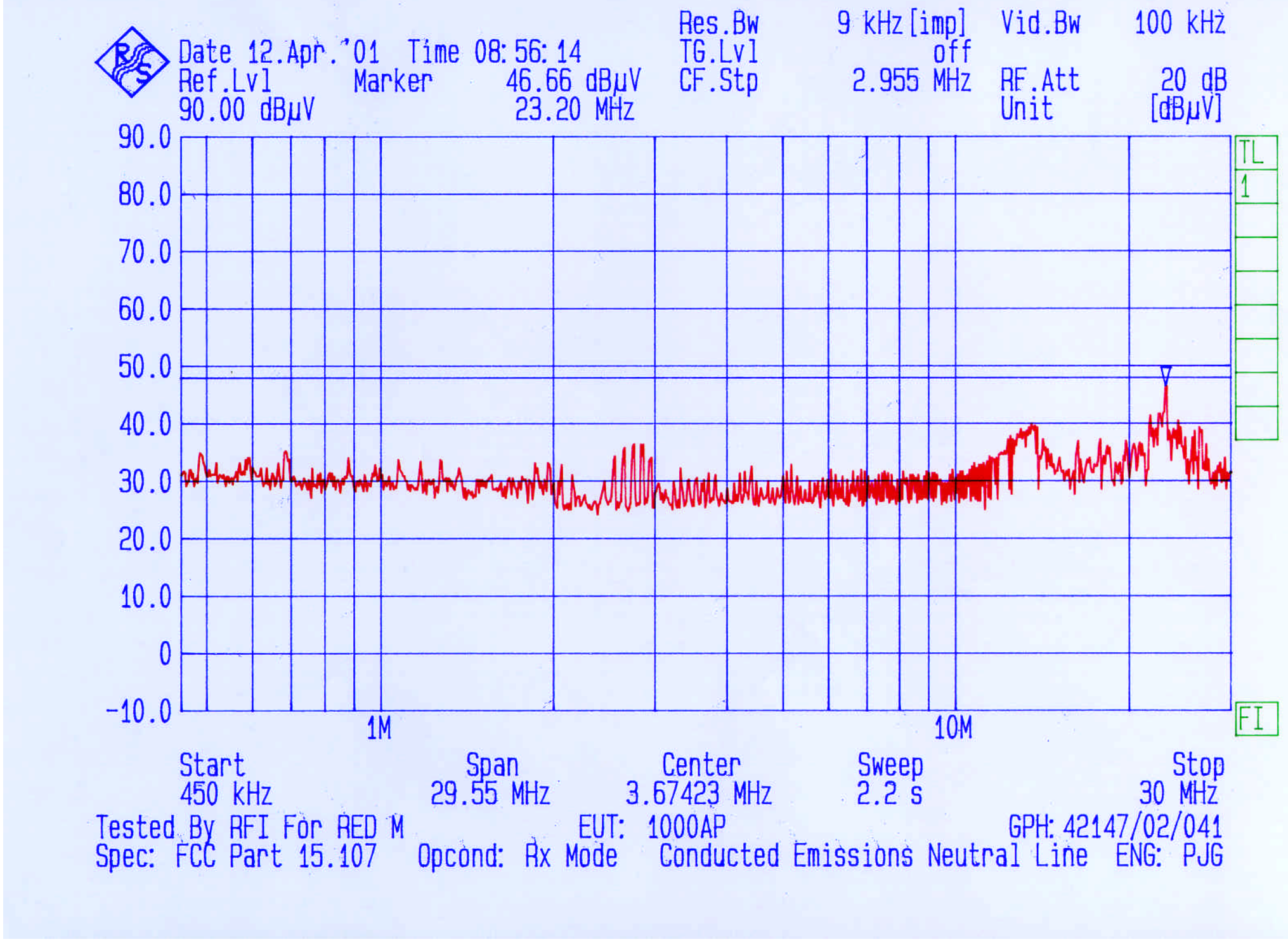
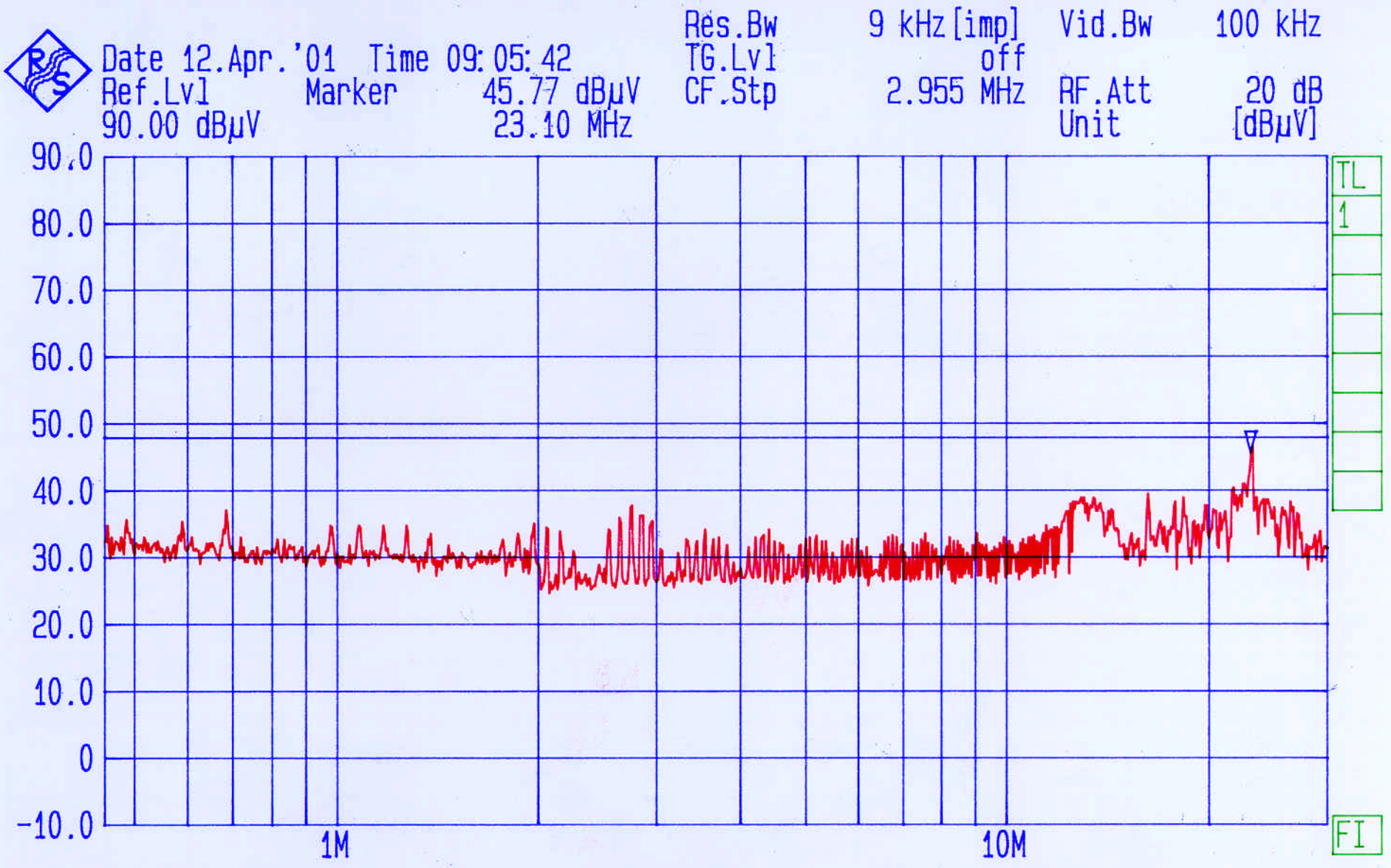
Test Of: **Red-M (Communications) Ltd. 1000AP**
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

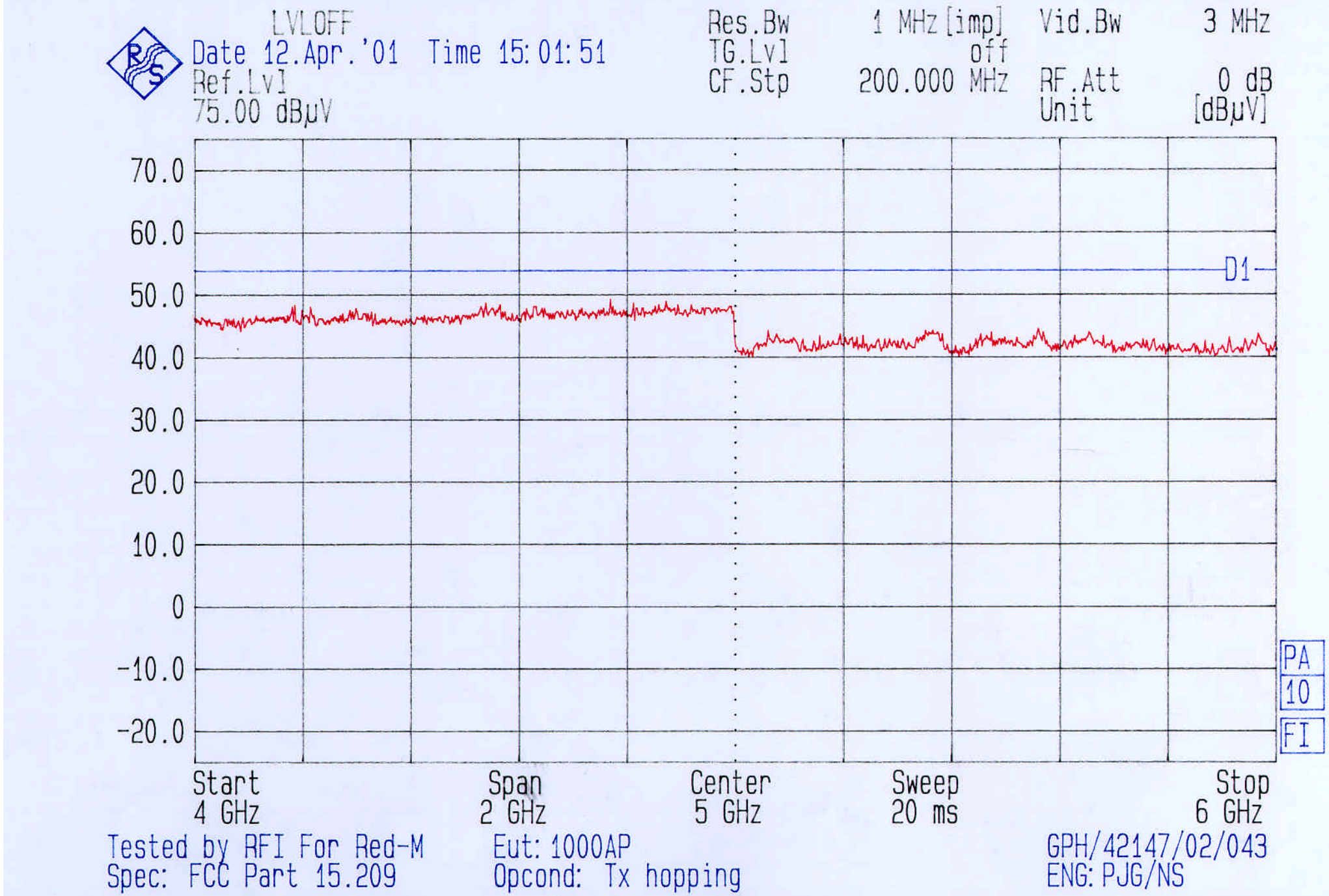
This section contains the following graphs:

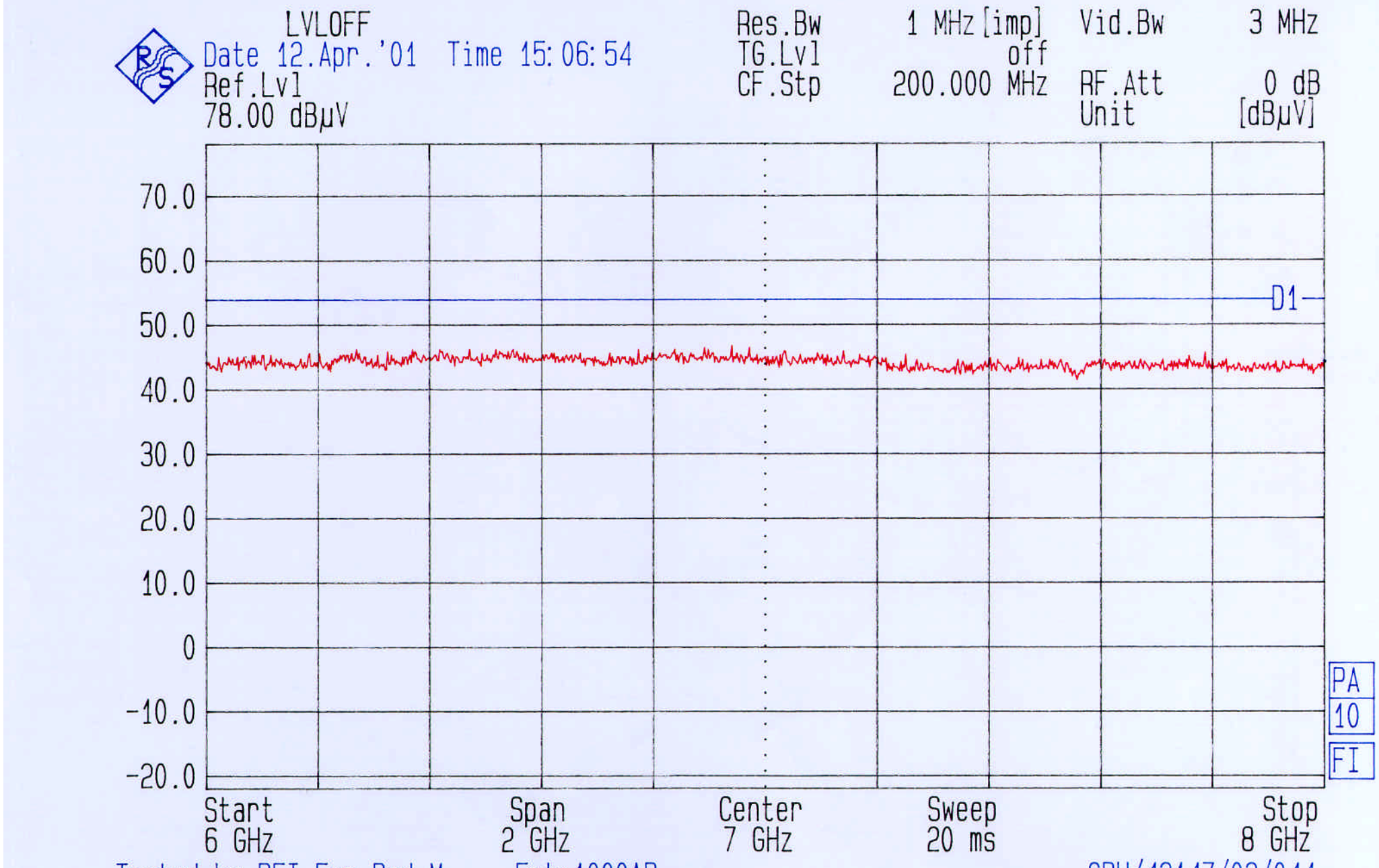
Graph Reference Number	Title
GPH\42147JD02\040	Conducted Emissions, Neutral Line, Transmit Mode, Hopping (150 kHz to 30 MHz)
GPH\42147JD02\041	Conducted Emissions, Neutral Line, Receive Mode (450 kHz to 30 MHz)
GPH\42147JD02\042	Conducted Emissions, Live Line, Receive Mode (450 kHz to 30 MHz)
GPH\42147JD02\043	Radiated Emissions, Transmit Mode, Hopping (4 GHz to 6 GHz) Part 15.209
GPH\42147JD02\044	Radiated Emissions, Transmit Mode, Hopping (6 GHz to 8 GHz) Part 15.209
GPH\42147JD02\045	Radiated Emissions, Transmit Mode, Hopping (8 GHz to 12 GHz) Part 15.209
GPH\42147JD02\046	Radiated Emissions, Transmit Mode, Hopping (12 GHz to 18 GHz) Part 15.209
GPH\42147JD02\047	Radiated Emissions, Receive Mode (12 GHz to 18 GHz) Part 15.109
GPH\42147JD02\048	Radiated Emissions, Receive Mode (8 GHz to 12 GHz) Part 15.109
GPH\42147JD02\049	Radiated Emissions, Receive Mode (6 GHz to 8 GHz) Part 15.109

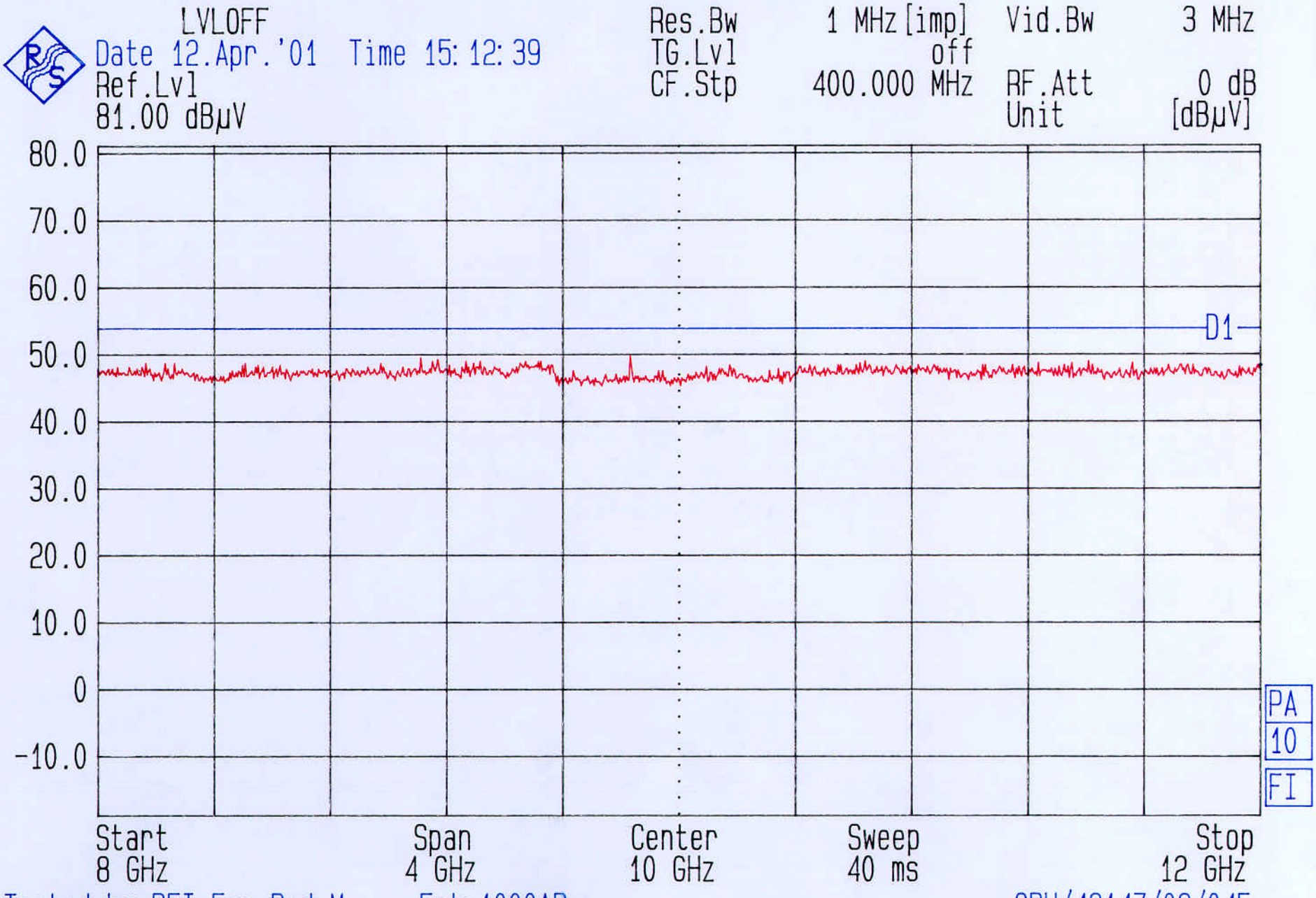

Date 12.Apr.'01 Time 08:38:26
Res.Bw 9 kHz [imp]
Vid.Bw 100 kHz
TG.Lvl off
Ref.Lvl 90.00 dBµ
Marker 45.97 dBµ
23.29 MHz
CF.Stp 2.985 MHz
RF.Att 20 dB
Unit [dBµV/m]
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0
-10.0
1M
10M
TL
1
2
3
FI
Start 150 kHz
Span 29.85 MHz
Center 2.12132 MHz
Sweep 340 ms
Stop 30 MHz
Tested By RFI For RED M
EUT: 1000AP
GPH: 42147/02/040
Spec: FCC Part 15.207 Opcond: Tx Hopping Conducted Emissions Neutral Line ENG: PJG


Date 12.Apr.'01 Time 08:56:14
Res.Bw 9 kHz [imp]
Vid.Bw 100 kHz
TG.Lvl off
Ref.Lvl 90.00 dBµV
Marker 46.66 dBµV
23.20 MHz
CF.Stp 2.955 MHz
RF.Att 20 dB
Unit [dBµV]
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0
-10.0
TL
1
FI
1M
10M
Start 450 kHz
Span 29.55 MHz
Center 3.67423 MHz
Sweep 2.2 s
Stop 30 MHz
Tested By RFI For RED M
EUT: 1000AP
GPH: 42147/02/041
Spec: FCC Part 15.107
Opcond: Rx Mode
Conducted Emissions Neutral Line
ENG: PJG


Res.Bw 9 kHz [imp] Vid.Bw 100 kHz
Date 12.Apr.'01 Time 09:05:42 TG.Lvl off
Ref.Lvl Marker 45.77 dBµV CF.Stp 2.955 MHz RF.Att 20 dB
90.00 dBµV 23.10 MHz Unit [dBµV]
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0
-10.0
TL
1
FI
1M
10M
Start 450 kHz
Span 29.55 MHz
Center 3.67423 MHz
Sweep 2.2 s
Stop 30 MHz
Tested By RFI For RED M
EUT: 1000AP
GPH: 42147/02/042
Spec: FCC Part 15.107
Opcond: Rx Mode
Conducted Emissions Live Line
ENG: PJG


LVLOFF
Date 12.Apr.'01 Time 15:01:51
Ref.Lvl
75.00 dBµV
Res.Bw 1 MHz [imp]
TG.Lvl off
CF.Stp 200.000 MHz
Vid.Bw 3 MHz
RF.Att 0 dB
Unit [dBµV]
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0
-10.0
-20.0
D1
PA
10
FI
Start 4 GHz
Span 2 GHz
Center 5 GHz
Sweep 20 ms
Stop 6 GHz
Tested by RFI For Red-M
Spec: FCC Part 15.209
Eut: 1000AP
Opcond: Tx hopping
GPH/42147/02/043
ENG: PJG/NS

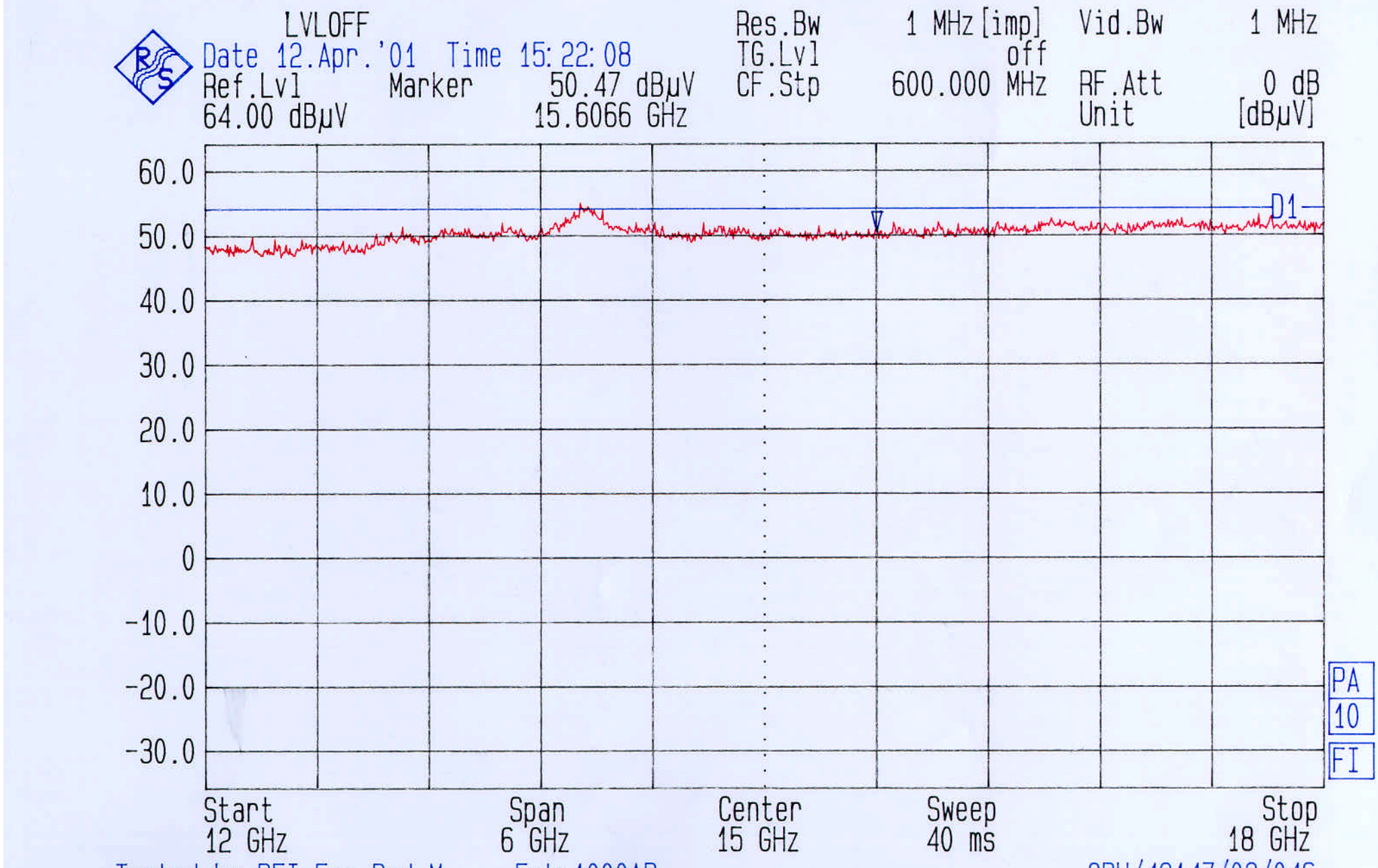

LVLOFF
Date 12.Apr.'01 Time 15:06:54
Ref.Lvl
78.00 dBµV
Res.Bw 1 MHz [imp]
TG.Lvl off
CF.Stp 200.000 MHz
Vid.Bw 3 MHz
RF.Att 0 dB
Unit [dBµV]
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0
-10.0
-20.0
D1
PA
10
FI
Start 6 GHz
Span 2 GHz
Center 7 GHz
Sweep 20 ms
Stop 8 GHz
Tested by RFI For Red-M
Spec: FCC Part 15.209
Eut: 1000AP
Opcond: Tx hopping
GPH/42147/02/044
ENG: PJG/NS

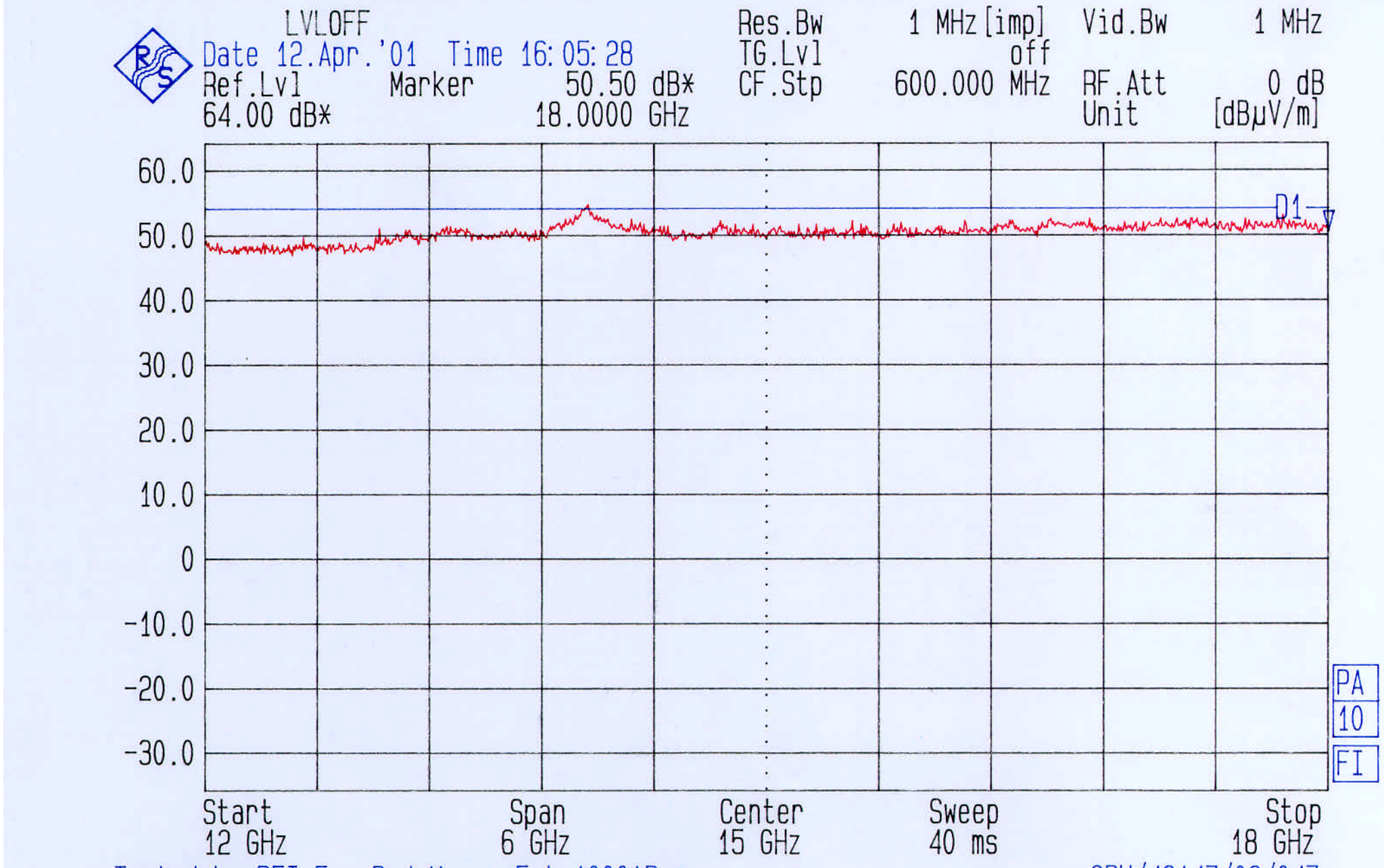


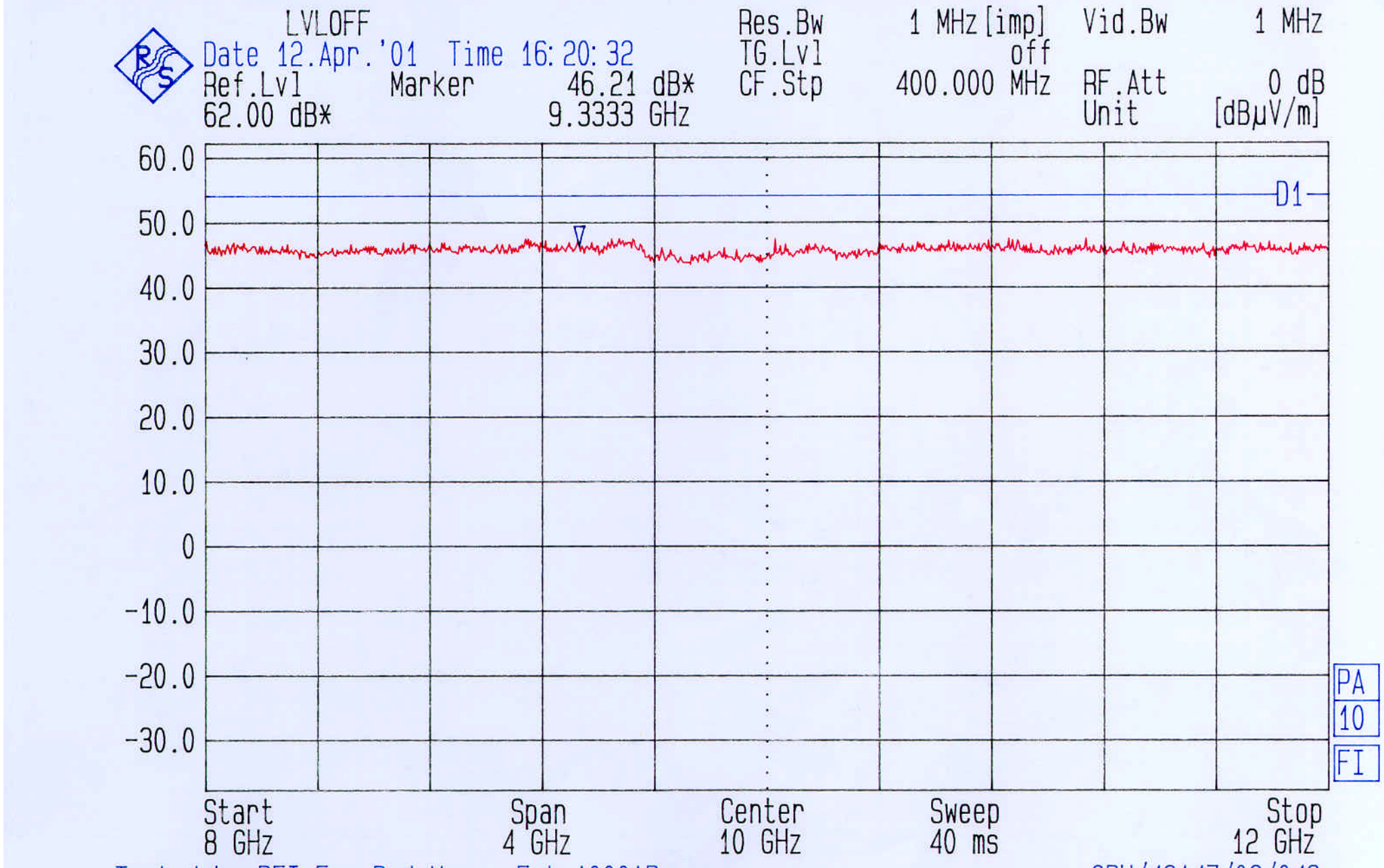
Tested by RFI For Red-M
Spec: FCC Part 15.209

Eut: 1000AP
Opcond: Tx hopping

GPH/42147/02/045
ENG: PJG/NS


LVLOFF
Res.Bw 1 MHz [imp]
Vid.Bw 1 MHz
Date 12.Apr.'01 Time 15:22:08
TG.Lvl off
Ref.Lvl Marker 50.47 dBµV
CF.Stp 600.000 MHz
RF.Att 0 dB
64.00 dBµV 15.6066 GHz
Unit [dBµV]
60.0
50.0
40.0
30.0
20.0
10.0
0
-10.0
-20.0
-30.0
D1
PA
10
FI
Start 12 GHz
Span 6 GHz
Center 15 GHz
Sweep 40 ms
Stop 18 GHz
Tested by RFI For Red-M
Spec: FCC Part 15.209
Eut: 1000AP
Opcond: Tx hopping
GPH/42147/02/046
ENG: PJG/NS

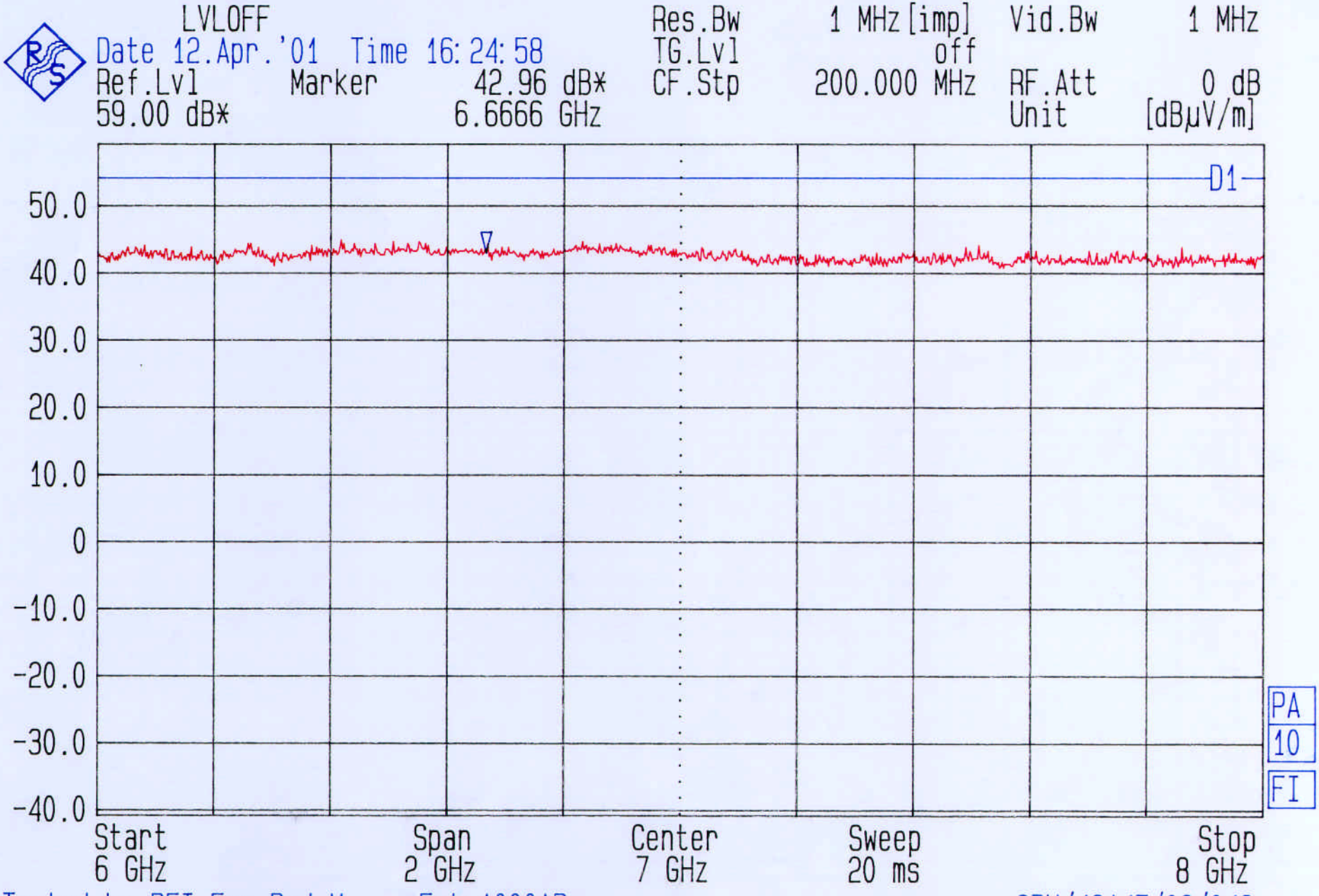

LVLOFF
Res.Bw 1 MHz [imp]
Vid.Bw 1 MHz
Date 12.Apr.'01 Time 16:05:28
TG.Lvl off
Ref.Lvl Marker 50.50 dB*
CF.Stp 600.000 MHz
RF.Att 0 dB
64.00 dB* 18.0000 GHz
Unit [dBµV/m]
60.0
50.0
40.0
30.0
20.0
10.0
0
-10.0
-20.0
-30.0
D1
PA
10
FI
Start 12 GHz
Span 6 GHz
Center 15 GHz
Sweep 40 ms
Stop 18 GHz
Tested by RFI For Red-M
Spec: FCC Part 15.109
Eut: 1000AP
Opcond: Rx Mode
GPH/42147/02/047
ENG: PJG/NS



Tested by RFI For Red-M
Spec: FCC Part 15.109

Eut: 1000AP
Opcond: Rx Mode

GPH/42147/02/048
ENG: PJG/NS



Tested by RFI For Red-M
Spec: FCC Part 15.109

Eut: 1000AP
Opcond: Rx Mode

GPH/42147/02/049
ENG: PJG/NS