GRAPH SECTION 1
FOR RFI TEST REPORT SERIAL NO:
RFI/EMCB2/RP42685JD06

Test Of: Maynetronics Ltd
NOMAD W4-2

To: FCC Part 15 Subpart C: 2000
(Intentional Radiators)
Section 15.249 and 15.209

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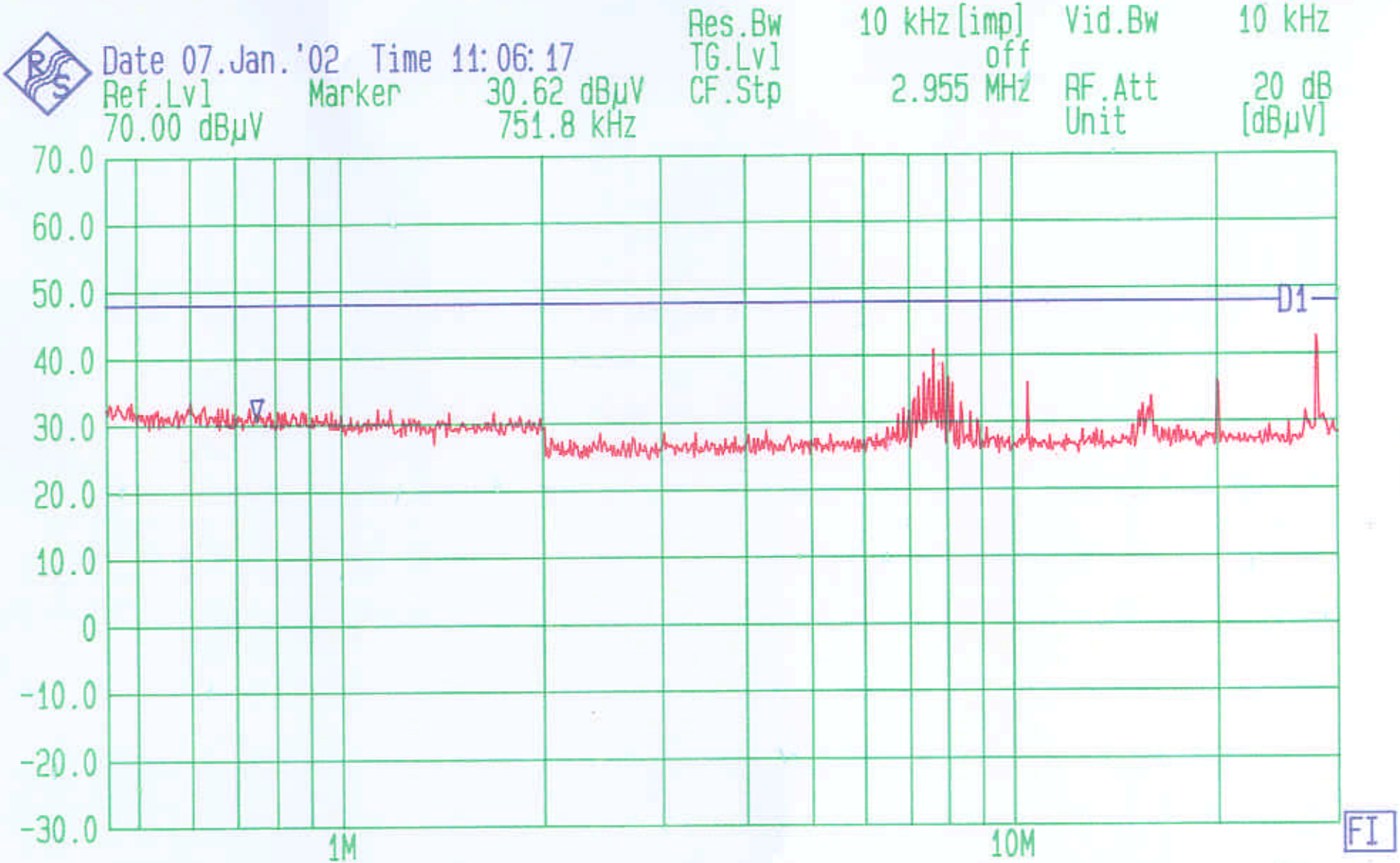
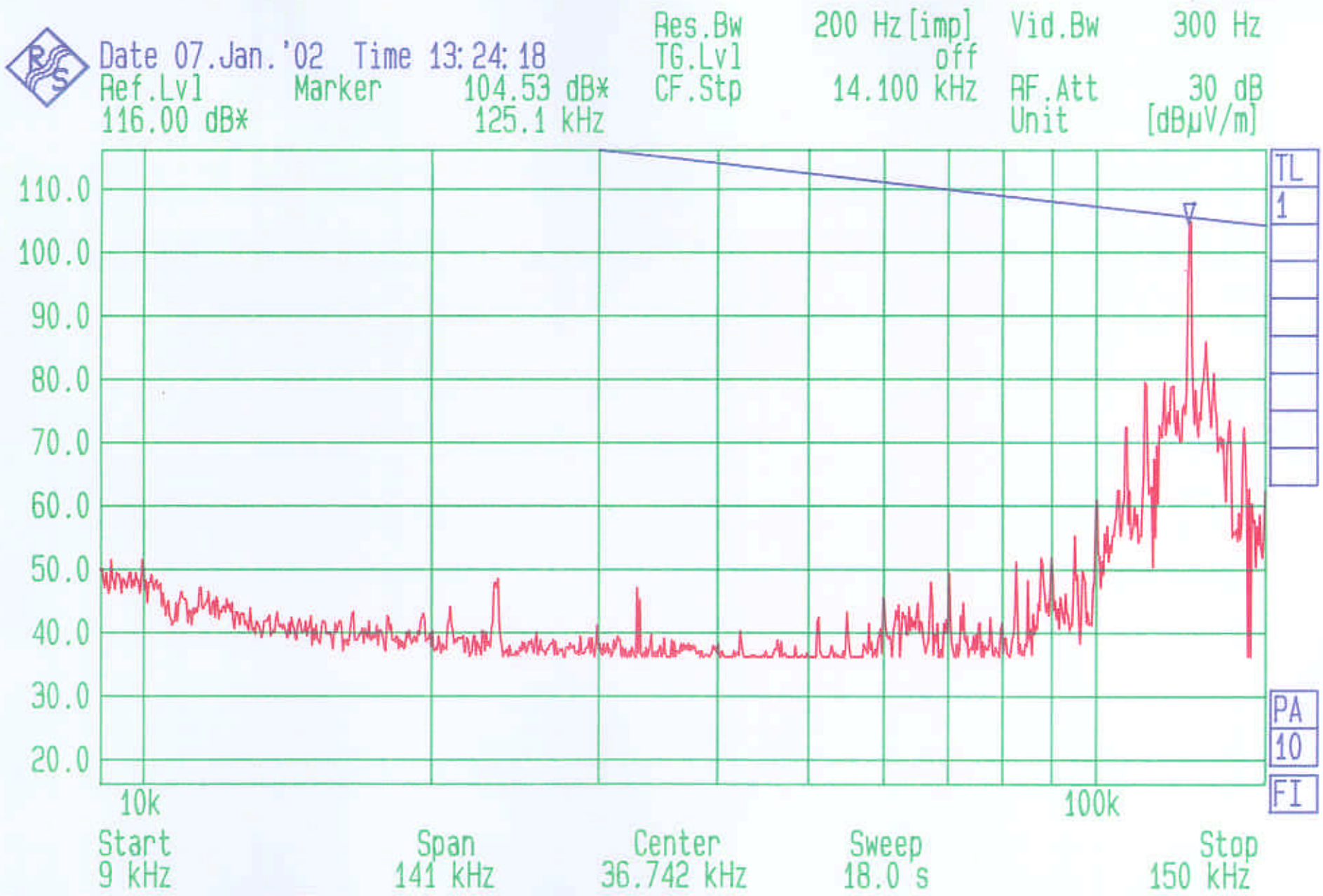
This appendix contains the following graphs:

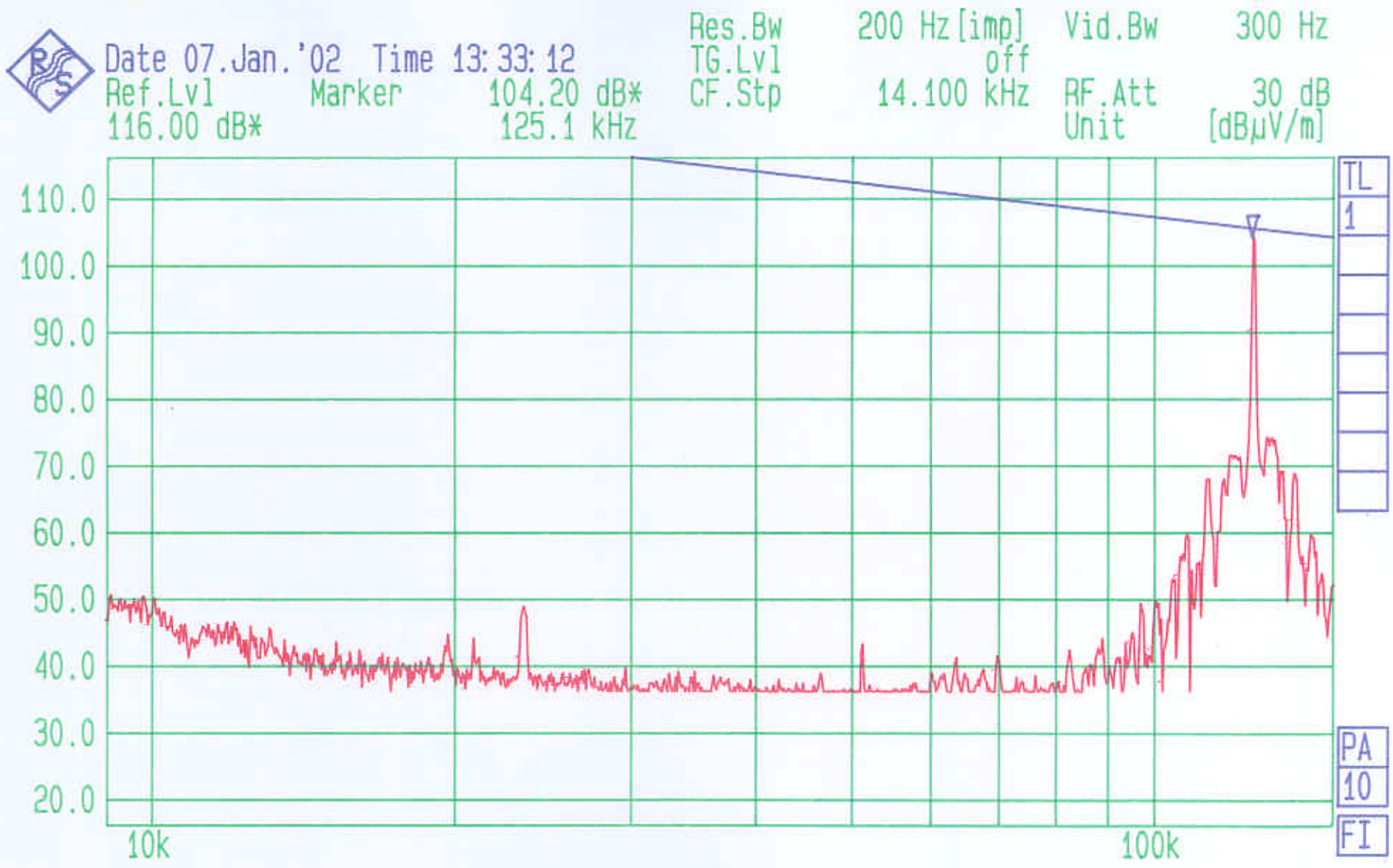
Graph Reference Number	Title
GPH\42685JD06\CE01	Conducted Emissions transmit mode with TAG (450kHz to 30 MHz)
GPH\42685JD06\RE01	Radiated Emissions transmit mode with TAG (9 kHz to 150 kHz)
GPH\42685JD06\RE02	Radiated Emissions transmit mode without TAG (9 kHz to 150 kHz)
GPH\42685JD06\RE03	Radiated Emissions transmit mode without TAG (150 kHz to 30 MHz)
GPH\42685JD06\RE04	Radiated Emissions transmit mode with TAG (150 kHz to 30 MHz)
GPH\42685JD06\RE05	Radiated Emissions transmit mode with TAG (30 MHz to 1 GHz)
GPH\42685JD06\RE06	Radiated Emissions standby mode with TAG (30 MHz to 1 GHz)
GPH\42685JD06\RE07	Radiated Emissions standby mode with TAG (1 GHz to 2 GHz)
GPH\42685JD06\RE08	Radiated Emissions transmit mode with TAG (1 GHz to 2 GHz)
GPH\42685JD06\RE09	Radiated Emissions transmit mode with TAG (2 GHz to 4 GHz)
GPH\42685JD06\RE10	Radiated Emissions standby mode with TAG (2 GHz to 4 GHz)

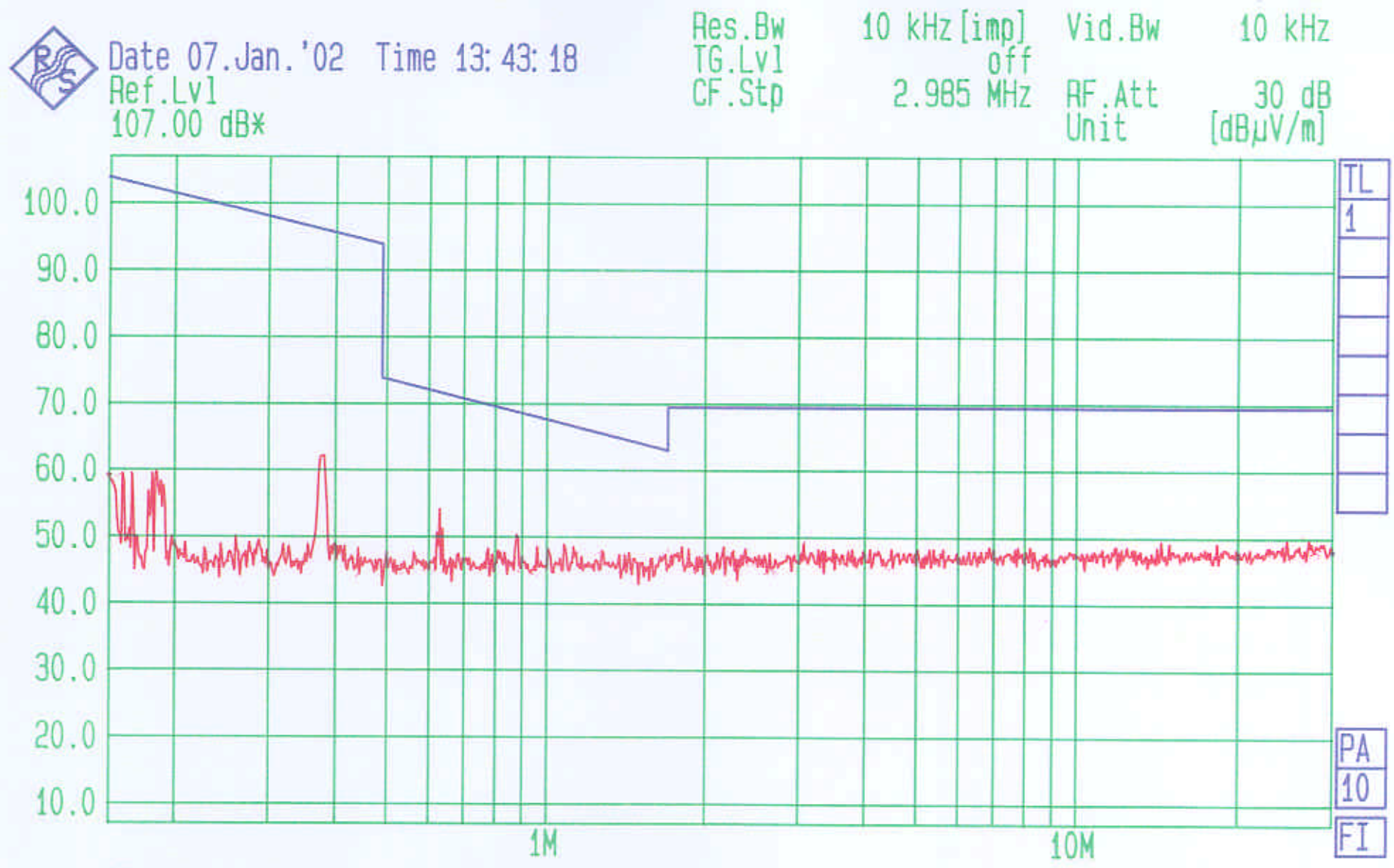
These pages are not included in the total number of pages for this report.



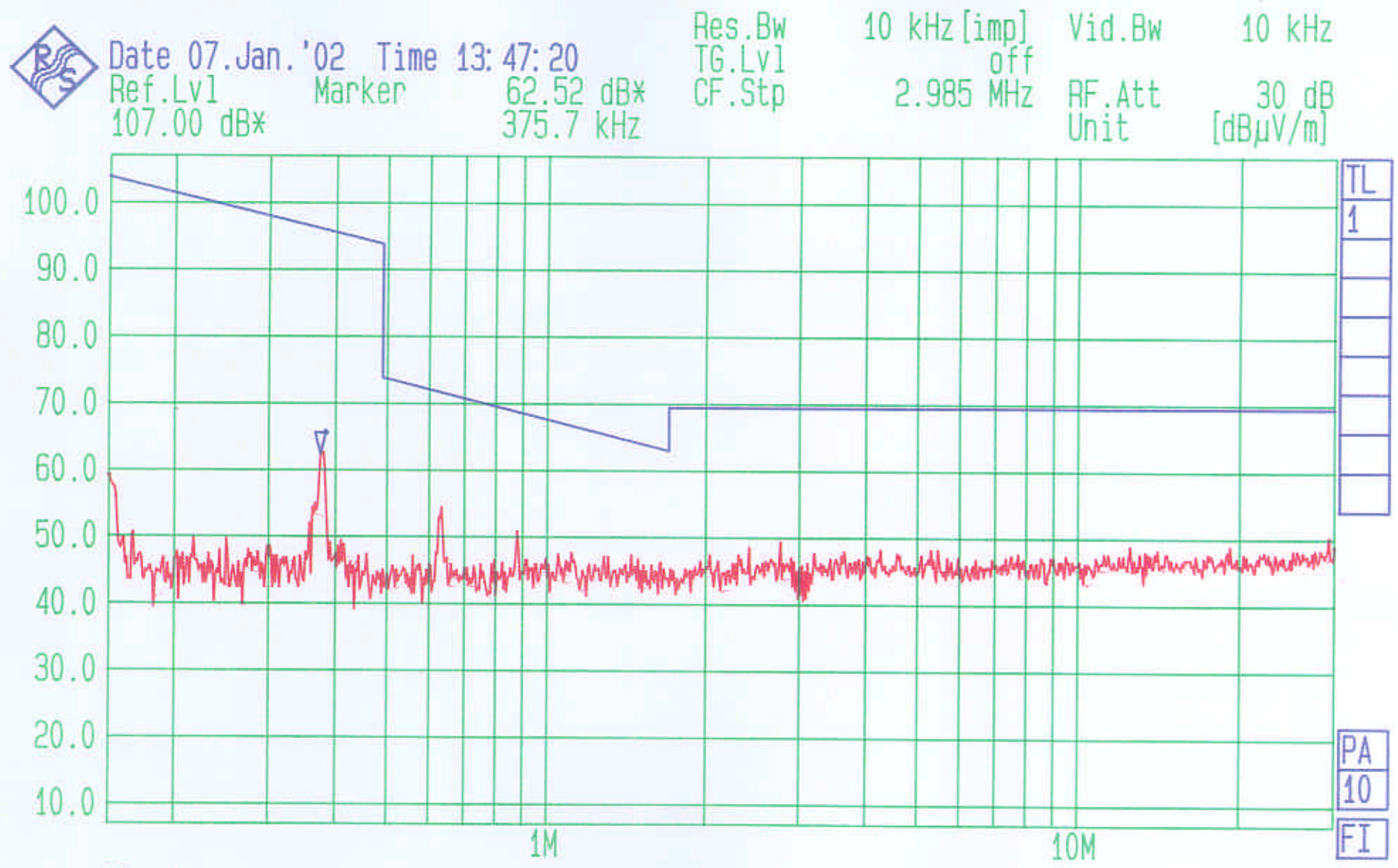
CONDUCTED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
SPEC: FCC PART 15.207
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH TAG
GPH/42685/JD06/CE01

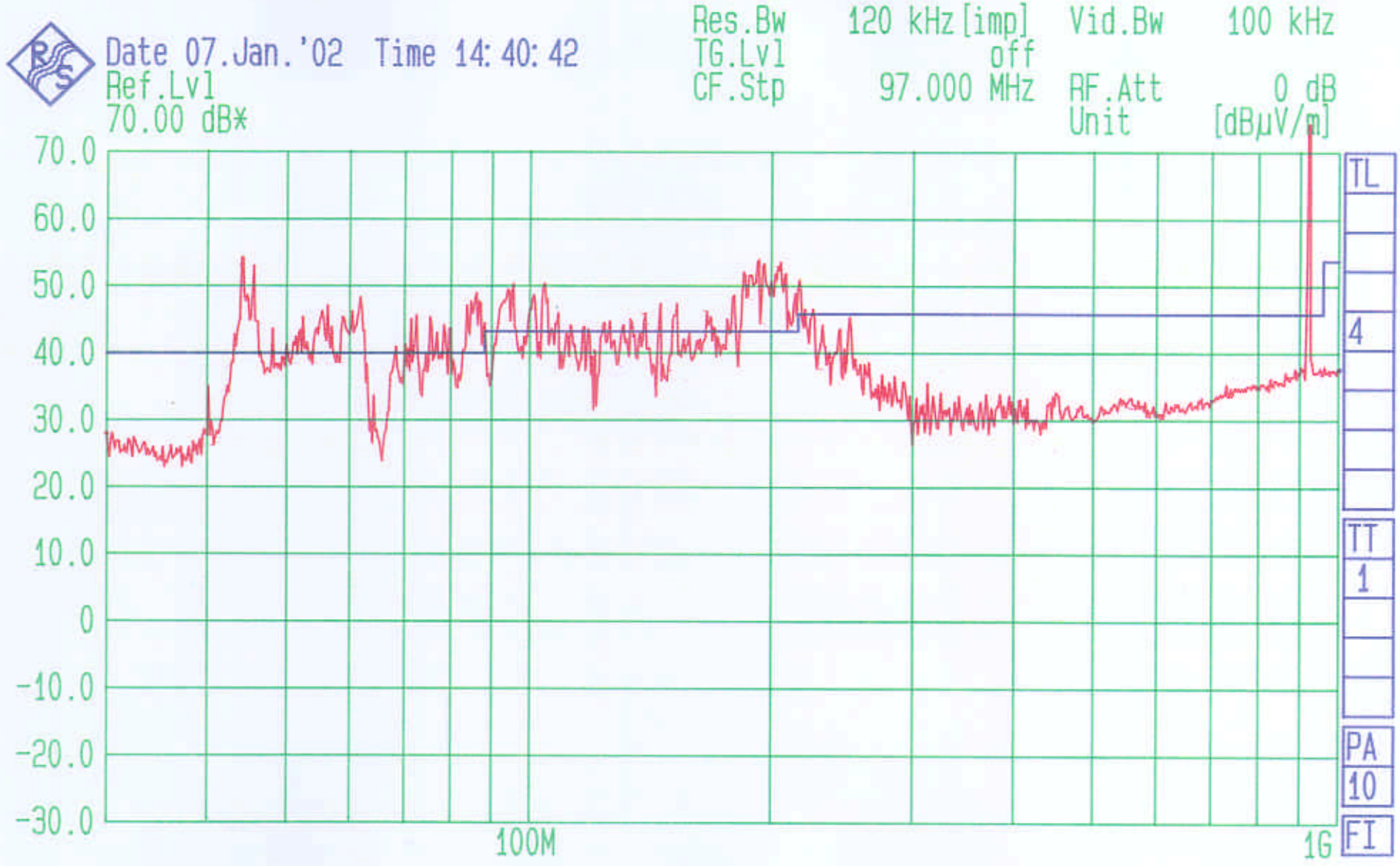

Date 07.Jan.'02 Time 13:24:18
Ref.Lvl
116.00 dB*
Marker
104.53 dB*
125.1 kHz
Res.Bw 200 Hz [imp]
TG.Lvl off
CF.Stp 14.100 kHz
Vid.Bw 300 Hz
RF.Att 30 dB
Unit [dBµV/m]
110.0
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10k
100k
TL
1
PA
10
FI
Start 9 kHz
Span 141 kHz
Center 36.742 kHz
Sweep 18.0 s
Stop 150 kHz
RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH TAG
SPEC: FCC PART 15.209
GPH/42685/JD06/RE01

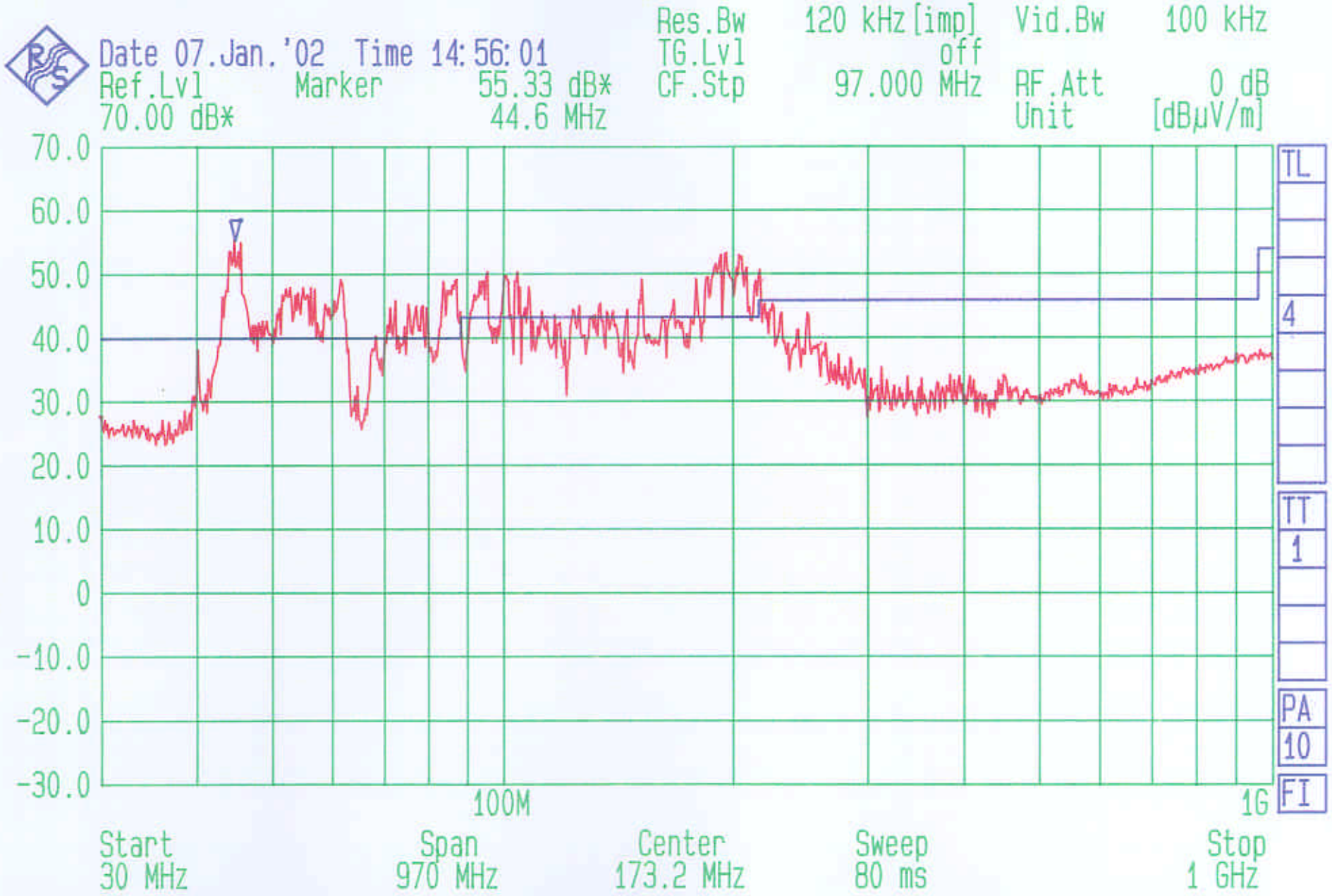

Date 07.Jan.'02 Time 13:33:12
Res.Bw 200 Hz [imp]
Vid.Bw 300 Hz
TG.Lvl off
CF.Stp 14.100 kHz
RF.Att 30 dB
Unit [dBµV/m]
Ref.Lvl 116.00 dB*
Marker 104.20 dB* 125.1 kHz
110.0
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
TL
1
PA
10
FI
10k
100k
Start 9 kHz
Span 141 kHz
Center 36.742 kHz
Sweep 4.4 s
Stop 150 kHz
RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
SPEC: FCC PART 15.209
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH OUT TAG
GPH/42685/JD06/R02



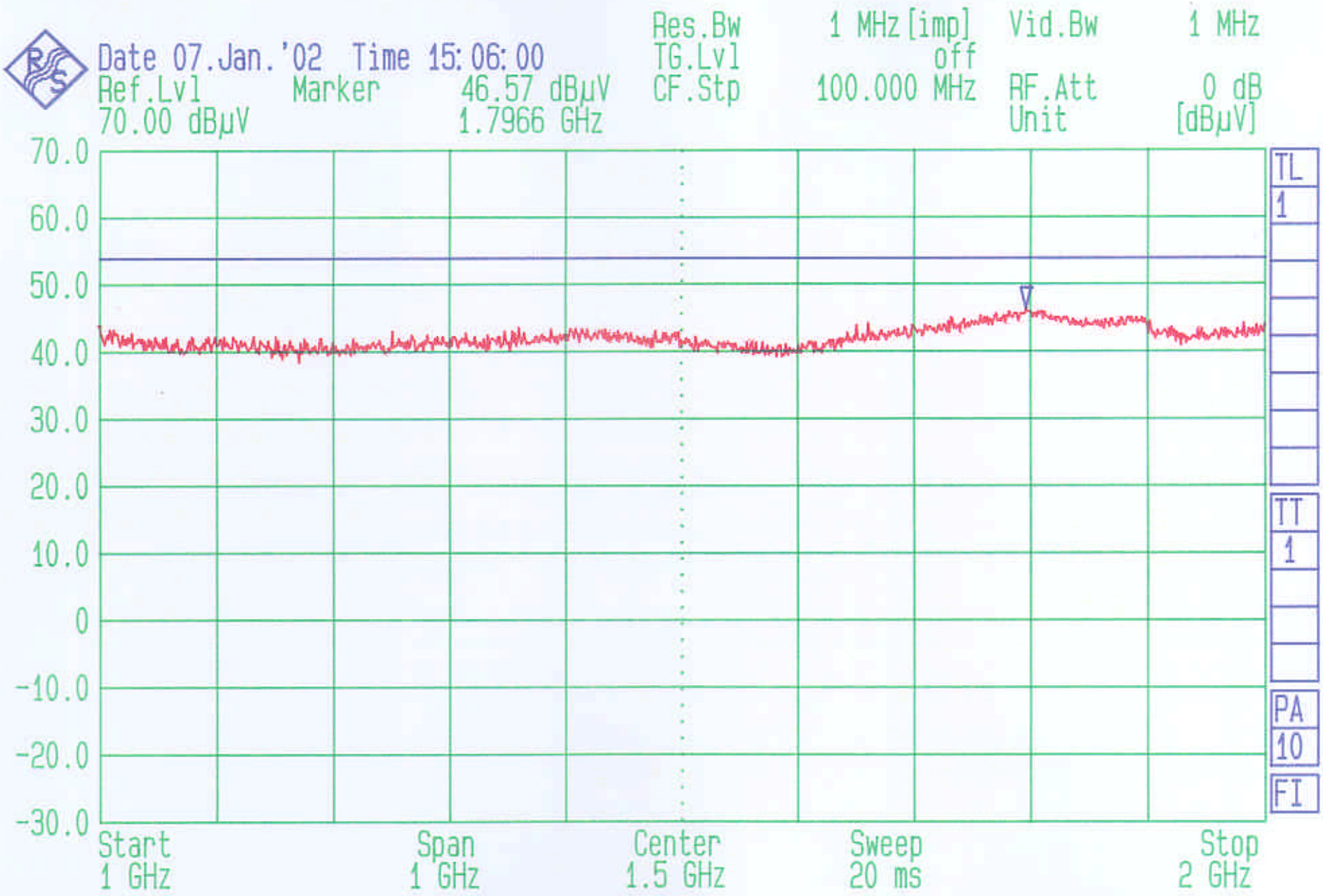
RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
SPEC: FCC PART 15.209
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH OUT TAG
GPH/42685/JD06/R03


Date 07.Jan.'02 Time 13:47:20
Ref.Lvl
107.00 dBµ
Marker
62.52 dBµ
375.7 kHz
Res.Bw 10 kHz [imp]
TG.Lvl off
CF.Stp 2.985 MHz
Vid.Bw 10 kHz
RF.Att 30 dB
Unit [dBµV/m]
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
1M
10M
TL
1
PA
10
FI
Start 150 kHz
Span 29.85 MHz
Center 2.12132 MHz
Sweep 1.58 s
Stop 30 MHz
RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH TAG
SPEC: FCC PART 15.209
GPH/42685/JD06/R04

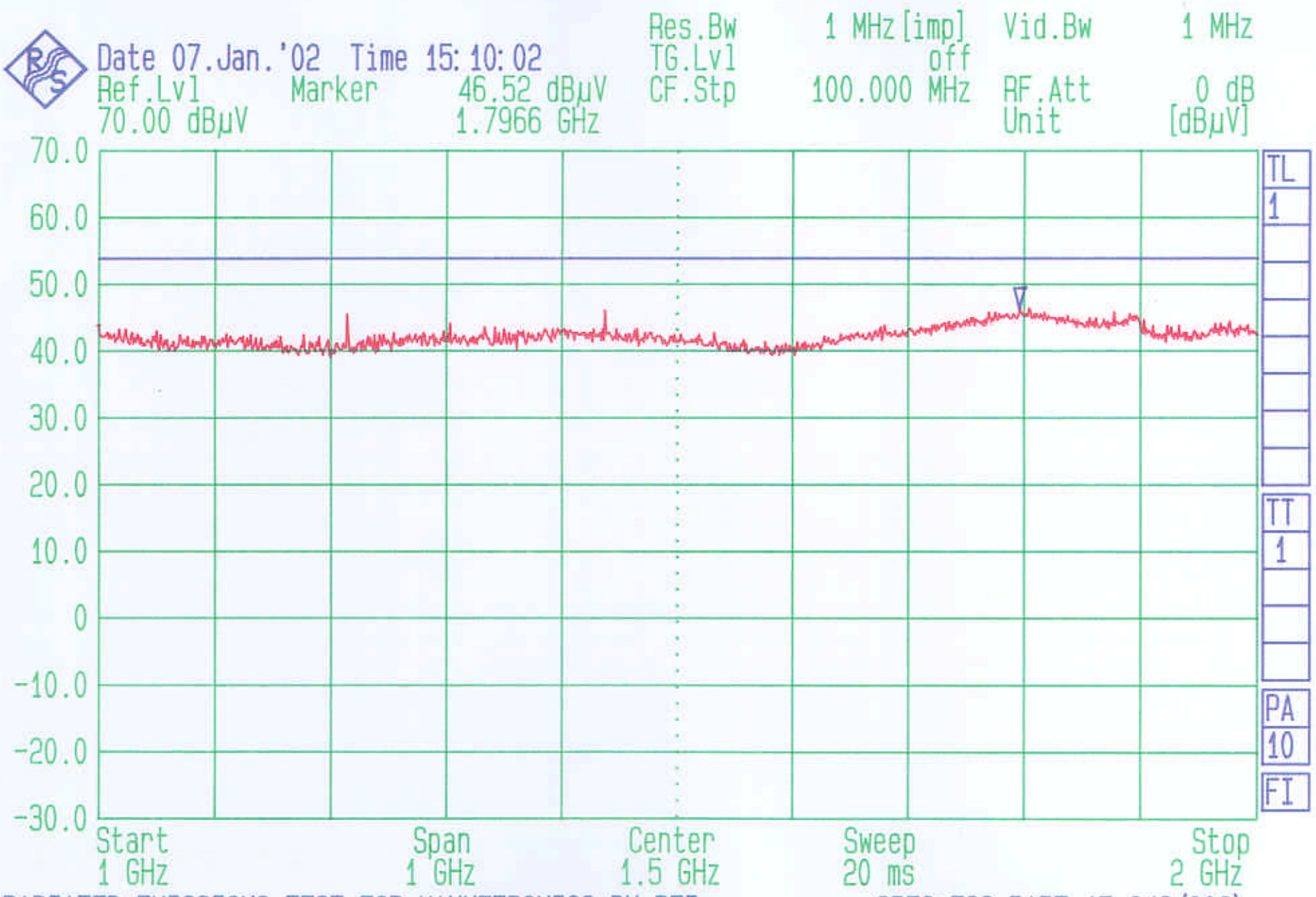

Date 07.Jan.'02 Time 14:40:42
Res.Bw 120 kHz [imp]
Vid.Bw 100 kHz
TG.Lvl off
CF.Stp 97.000 MHz
RF.Att 0 dB
Unit [dBµV/m]
Ref.Lvl
70.00 dB*
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0
-10.0
-20.0
-30.0
100M
1G
TL
4
TT
1
PA
10
FI
Start 30 MHz
Span 970 MHz
Center 173.2 MHz
Sweep 380 ms
Stop 1 GHz
RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
SPEC: FCC PART 15.249 (15.209)
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH TAG
GPH/42685/JD06/RE05



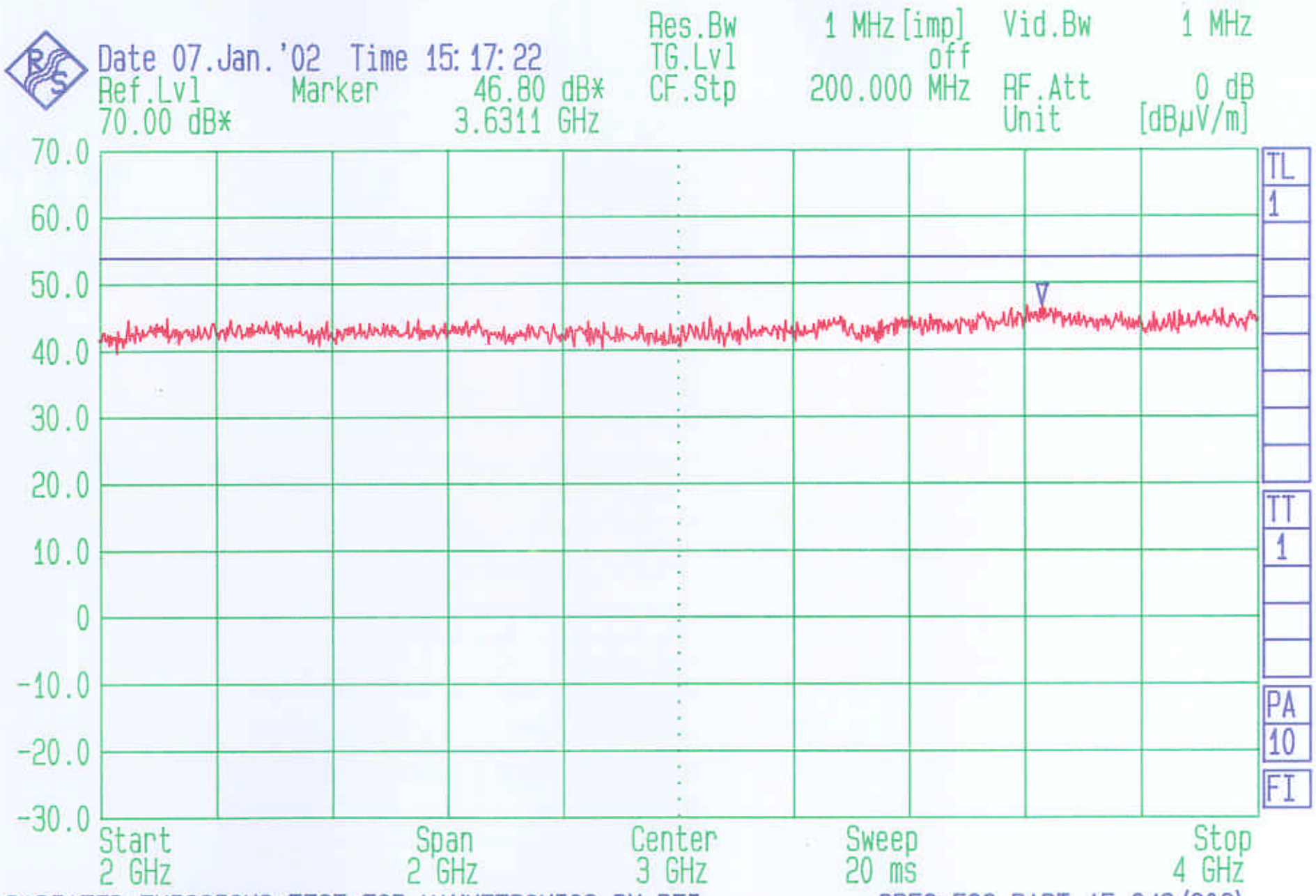
RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
SPEC: FCC PART 15.109
EUT: W4-2
OPCOND: 916.5MHz IN STANDBY WITH TAG
GPH/42685/JD06/RE06



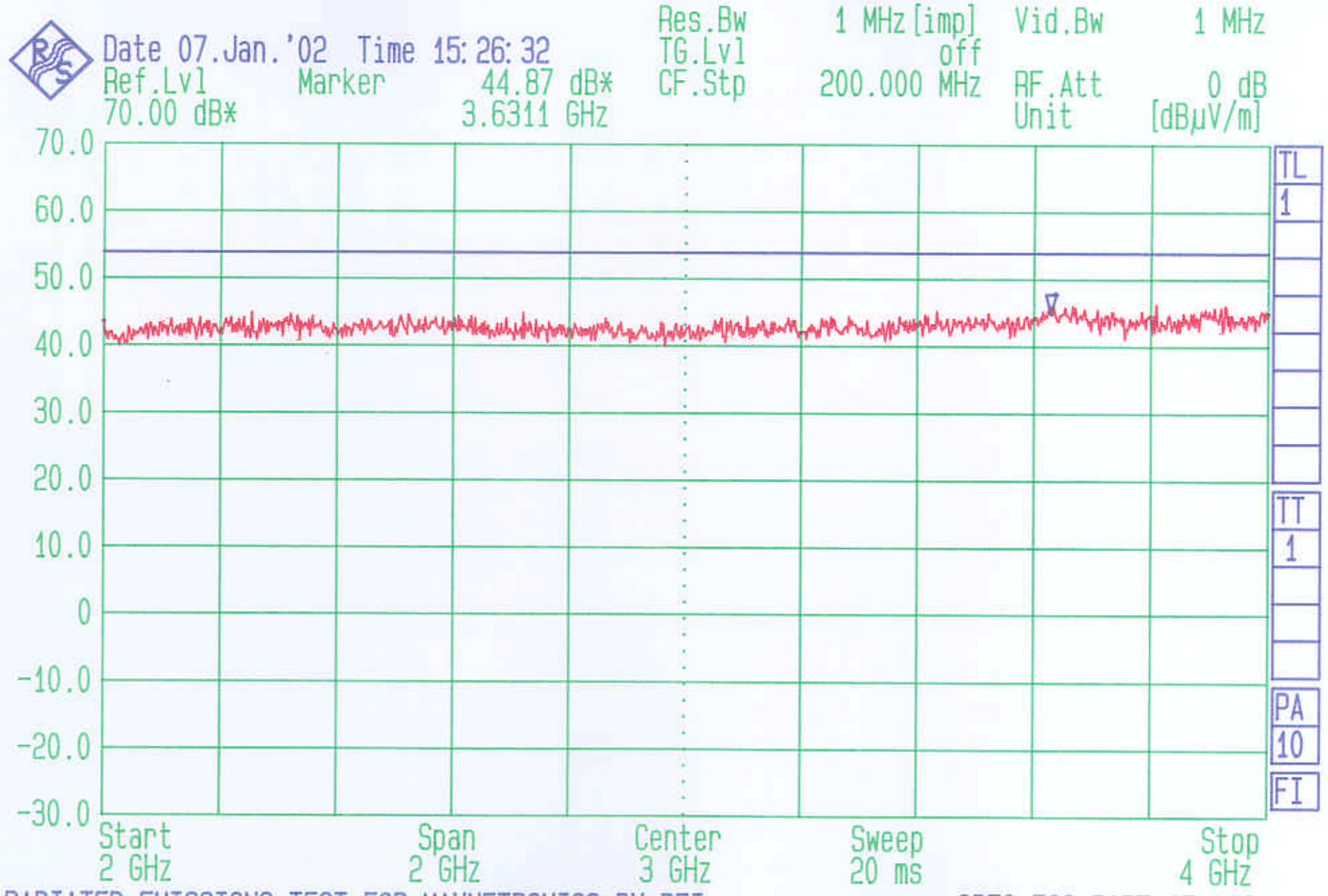
RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
EUT: W4-2 OPCOND: 916.5MHz IN STANDBY WITH TAG
SPEC: FCC PART 15.109
GPH/42685/JD06/RE07



RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
SPEC: FCC PART 15.249 (209)
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH TAG
GPH/42685/JD06/RE08



RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
SPEC: FCC PART 15.249 (209)
EUT: W4-2
OPCOND: 916.5MHz TRANSMITTING WITH TAG
GPH/42685/JD06/RE09



RADIATED EMISSIONS TEST FOR MAYNETRONICS BY RFI.
EUT: W4-2
OPCOND: 916.5MHz IN STANDBY WITH TAG
SPEC: FCC PART 15.109
GPH/42685/JD06/RE10