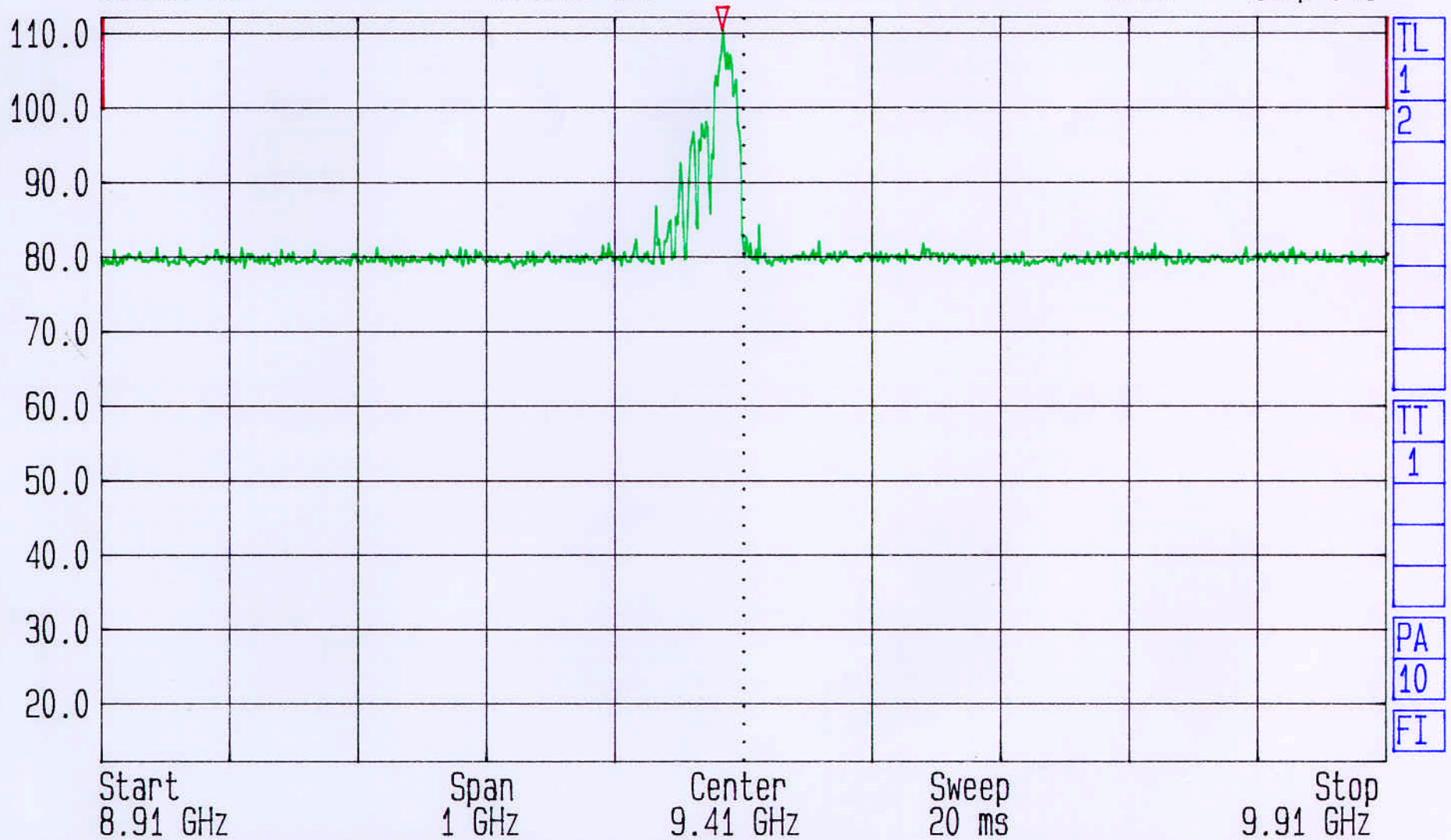




Date 01.Dec.'99 Time 12:33:01

Ref.Lvl 112.00 dB*
Marker 110.43 dB*
9.3933 GHz

Res.Bw 1 MHz [imp] Vid.Bw 1 MHz
TG.Lvl off
CF.Stp 100.000 MHz RF.Att 25 dB
Unit [dB μ V/m]



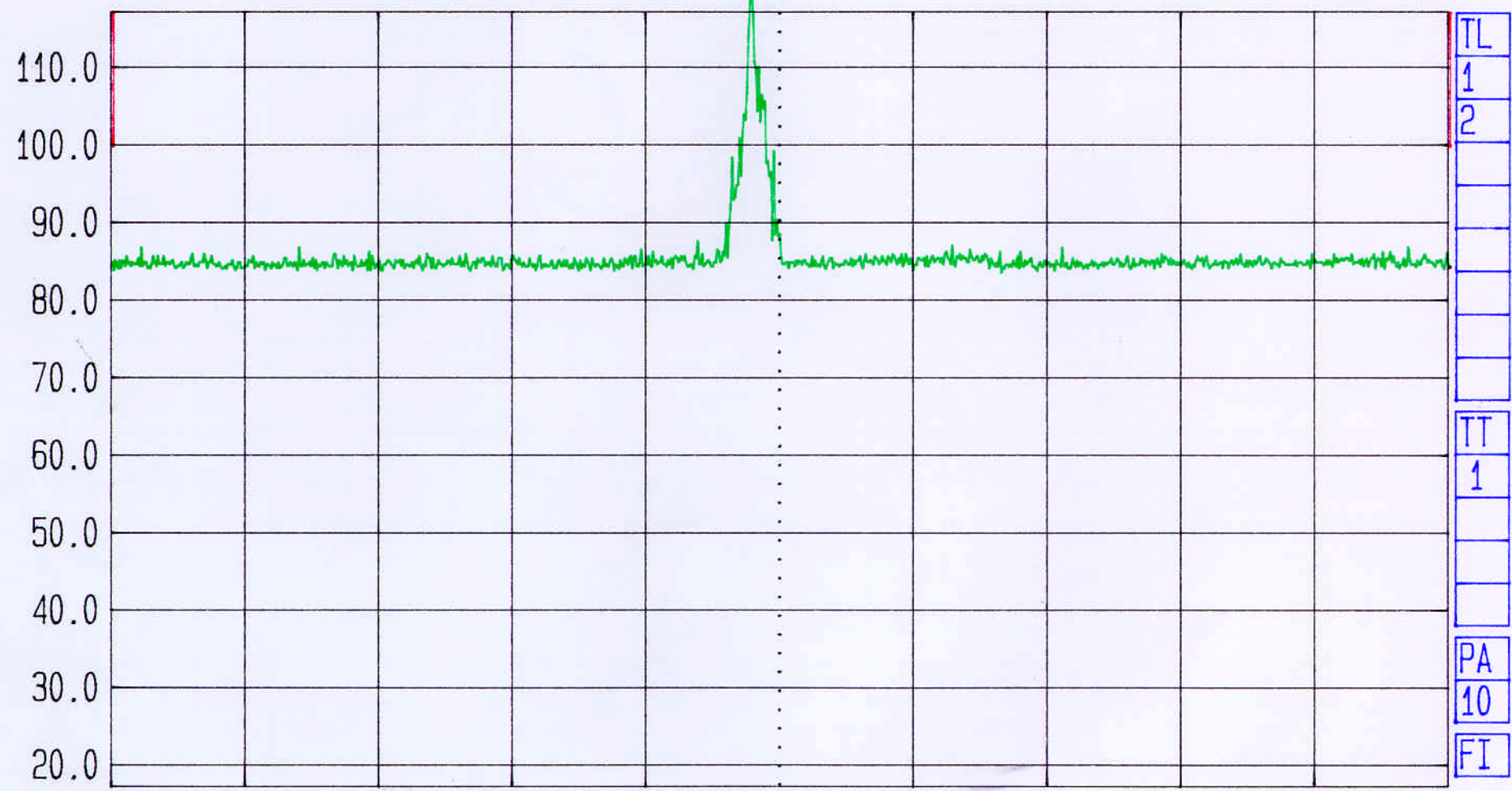
Radiated Emissions. Tested by RFI for Raytheon Marine. EUT: Pathfinder R89RC
FCC Part 80: 1998. 65 nS Pulse Width. Around Band Edge. GPH/40279/JD01/142



Date 01.Dec.'99 Time 12:22:14

Ref.Lvl 117.00 dB*
Marker 120.98 dB*
9.3877 GHz

Res.Bw 1 MHz [imp]
TG.Lvl off
CF.Stp 100.000 MHz
Vid.Bw 1 MHz
RF.Att 30 dB
Unit [dBμV/m]



Start 8.91 GHz Span 1 GHz Center 9.41 GHz Sweep 20 ms Stop 9.91 GHz

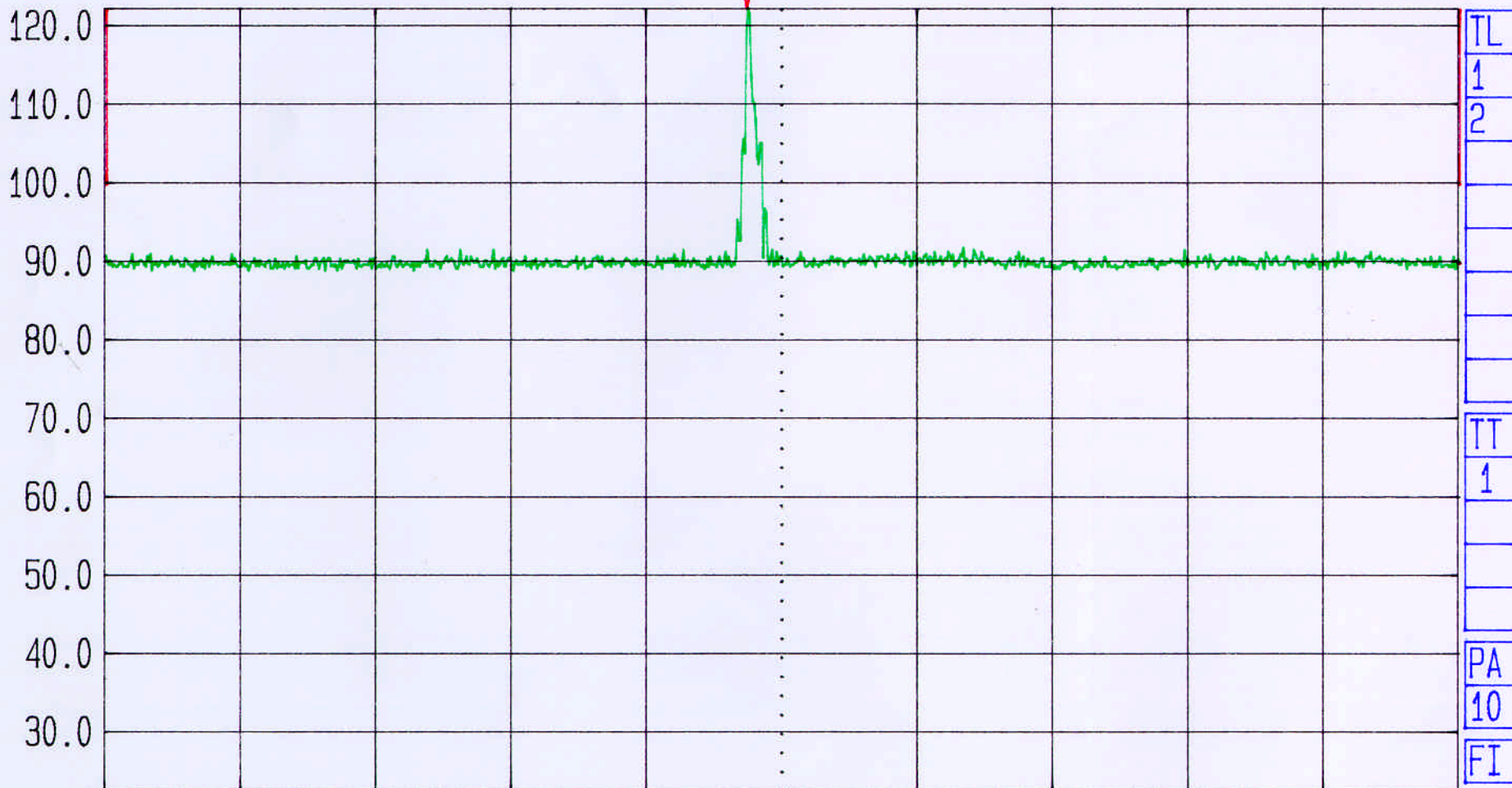
Radiated Emissions. Tested by RFI for Raytheon Marine. EUT: Pathfinder R89RC
FCC Part 80: 1998. 450 nS Pulse Width. Around Band Edge. GPH/40279/JD01/140



Date 01.Dec.'99 Time 12:27:44

Ref.Lvl 122.00 dB*
Marker 122.35 dB*
9.3844 GHz

Res.Bw 1 MHz [imp] Vid.Bw 1 MHz
TG.Lvl off
CF.Stp 100.000 MHz RF.Att 35 dB
Unit [dBμV/m]



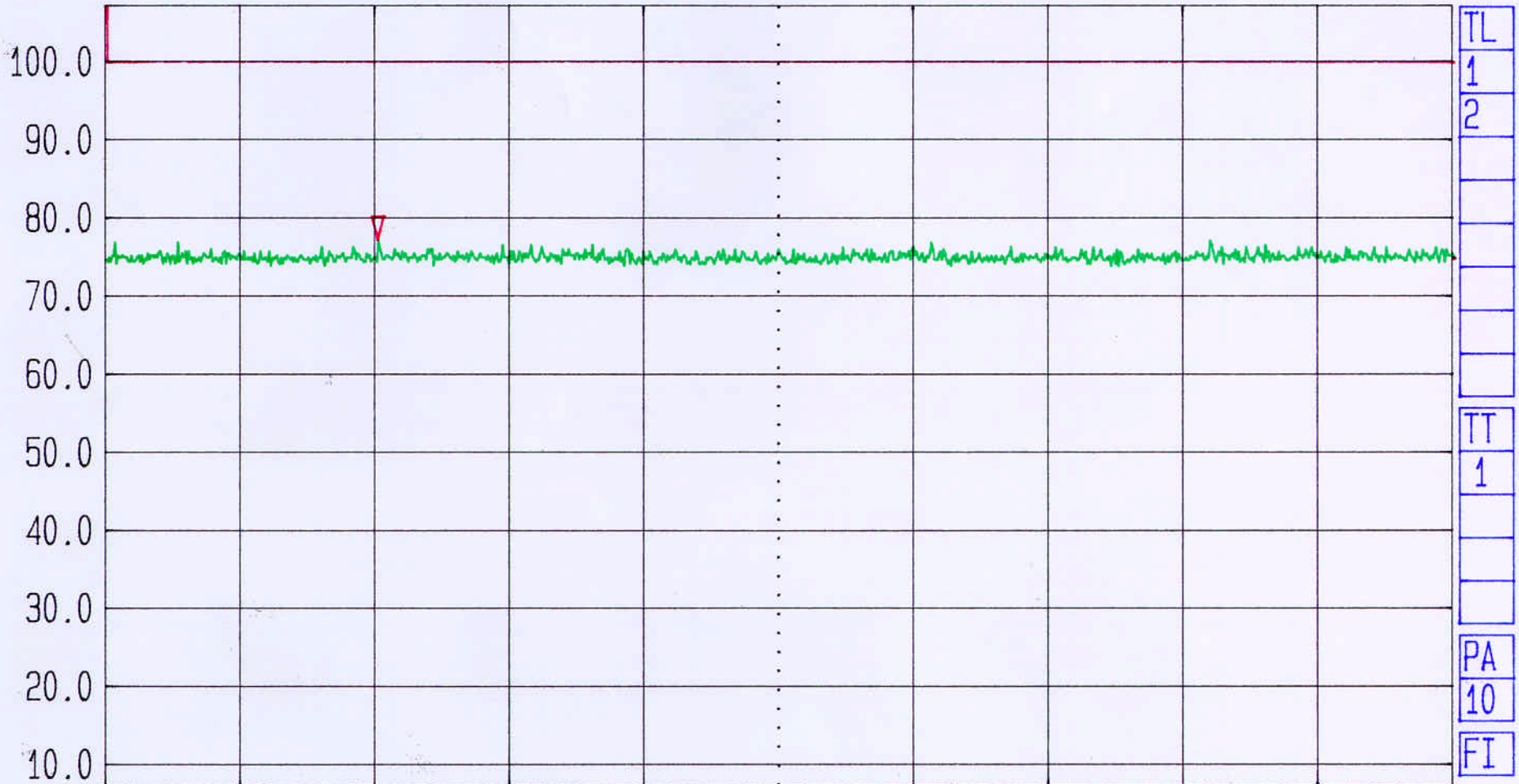
Start 8.91 GHz Span 1 GHz Center 9.41 GHz Sweep 20 ms Stop 9.91 GHz

Radiated Emissions. Tested by RFI for Raytheon Marine. EUT: Pathfinder R89RC
FCC Part 80: 1998. 1.2 uS Pulse Width. Around Band Edge. GPH/40279/JD01/141



Date 01.Dec.'99 Time 12:16:47
 Ref.Lvl 107.00 dB* Marker 77.14 dB*
 10.4337 GHz

Res.BW 1 MHz [imp] Vid.BW 1 MHz
 TG.Lvl off
 CF.Stp 259.000 MHz RF.Att 20 dB
 Unit [dBμV/m]



Start 9.91 GHz Span 2.59 GHz Center 11.205 GHz Sweep 20 ms Stop 12.5 GHz

Radiated Emissions. Tested by RFI for Raytheon Marine.
 FCC Part 80: 1998. 450 ns Pulse Width.

EUT: Pathfinder R89RC
 GPH/40279/JD01/139

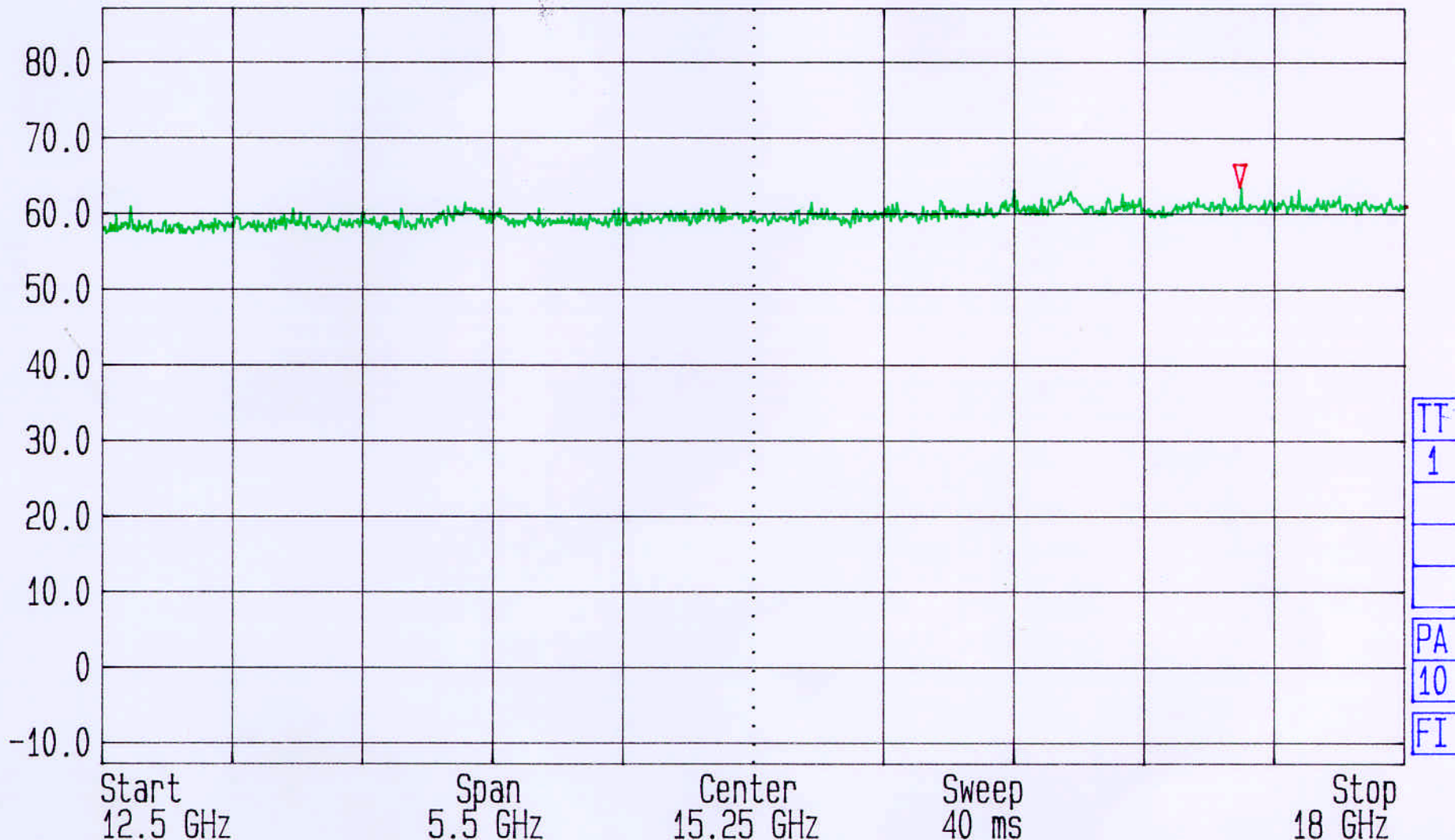
- TL
- 1
- 2
-
-
-
-
- TT
- 1
-
-
- PA
- 10
- FI



Date 01.Dec.'99 Time 14:10:50

Ref.Lvl 87.00 dB* Marker 63.57 dB*
17.3033 GHz

Res.Bw 1 MHz [imp] Vid.Bw 1 MHz
TG.Lvl off
CF.Stp 550.000 MHz RF.Att 0 dB
Unit [dBμV/m]



Radiated Emissions. Tested by RFI for Raytheon Marine. EUT: Pathfinder R89RC
FCC Part 80: 1998. 450 nS Pulse Width. Limit: 99.9 dBuV/m. GPH/40279/JD01/146



Date 01.Dec.'99 Time 14:21:14

Ref.Lvl 97.00 dB*

Marker

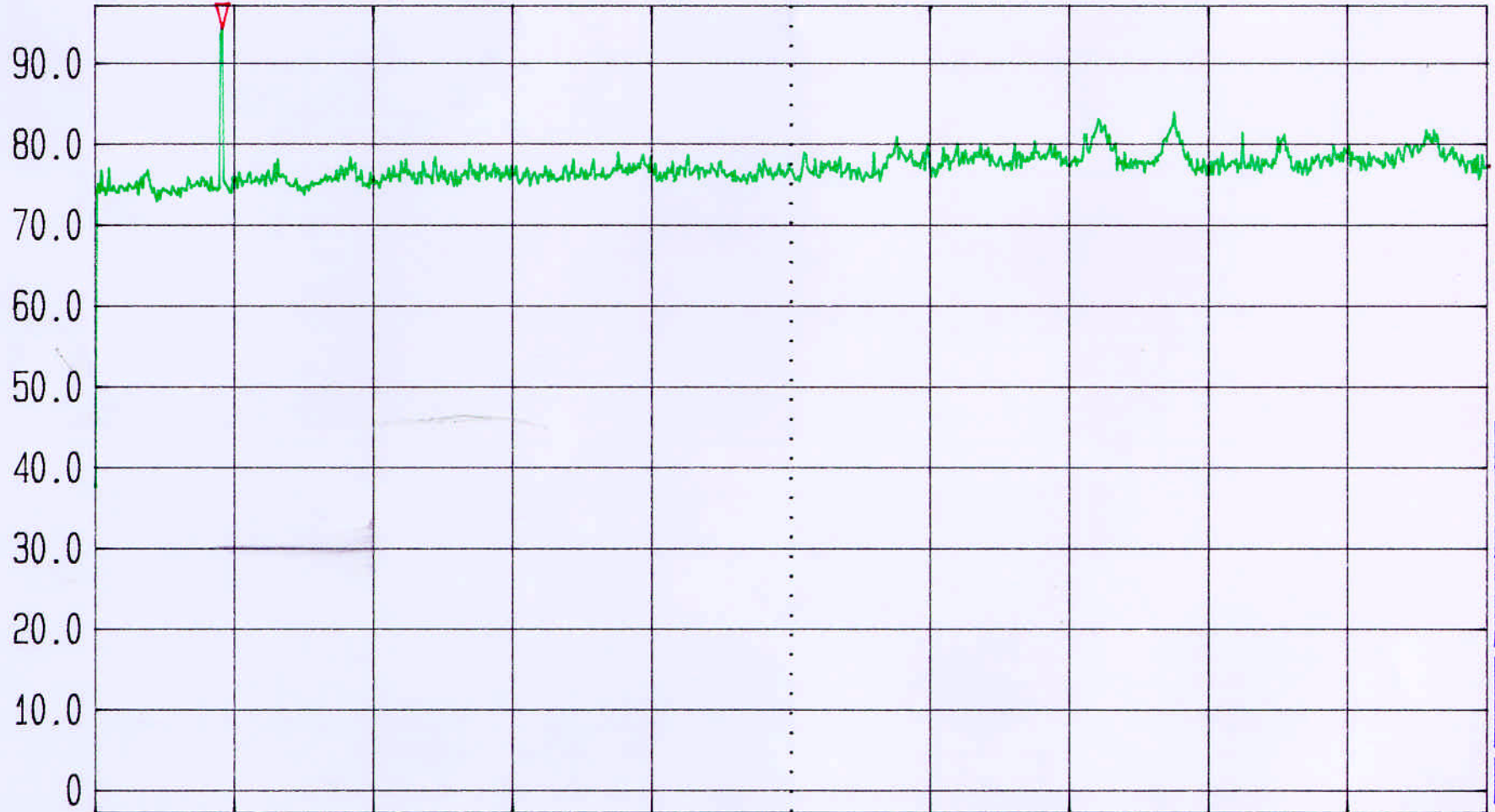
94.44 dB*
18.7744 GHz

Res.Bw
TG.Lvl
CF.Stp

1 MHz [imp]
off
850.000 MHz

Vid.Bw
RF.Att
Unit

1 MHz
10 dB
[dBμV/m]



Start 18 GHz

Span 8.5 GHz

Center 22.25 GHz

Sweep 60 ms

Stop 26.5 GHz

Radiated Emissions. Tested by RFI for Raytheon Marine.
FCC Part 80: 1998. 450 nS Pulse Width. Limit: 99.9 dBuV/m.

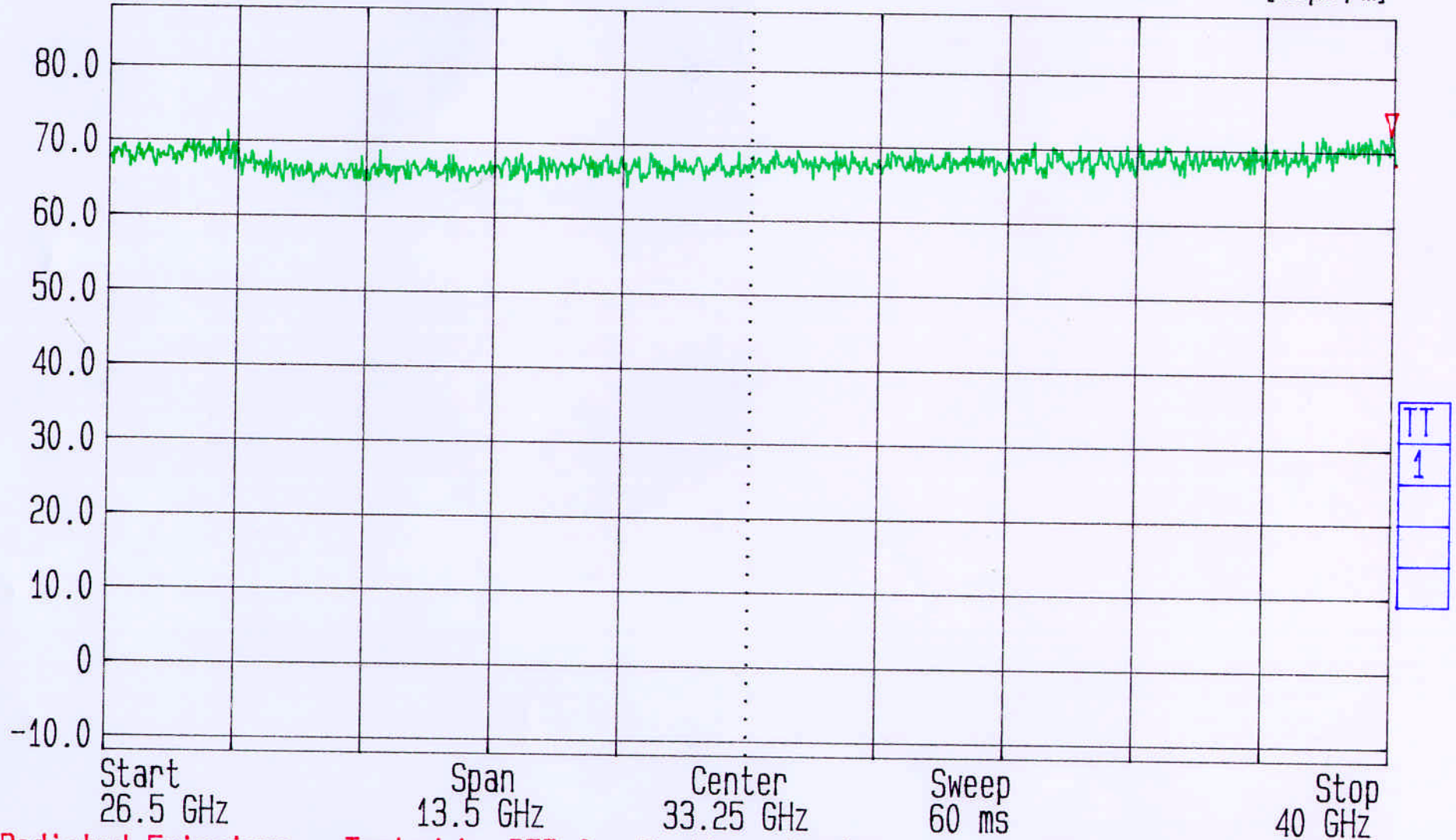
EUT: Pathfinder R89RC
GPH/40279/JD01/147

MaxLevel : VERTICAL 94.4.



LVLOFF
Date 01.Dec.'99 Time 15:05:50
Ref.Lvl 88.00 dB*
Marker 72.26 dB*
39.9550 GHz

Res.Bw 1.0 MHz [3dB]
TG.Lvl off
CF.Stp 1.350 GHz
Vid.Bw 1 MHz
RF.Att 0 dB
Unit [dB μ V/m]



Radiated Emissions. Tested by RFI for Raytheon Marine. EUT: Pathfinder R89RC
FCC Part 80: 1998. 450 nS Pulse Width. Limit: 99.9 dB μ V/m. GPH/40279/JD01/150