

**GRAPHICAL TEST RESULTS
FOR RFI TEST REPORT SERIAL NO:
RFI/MICB2/RP42589JD02A**

Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner

To: FCC Part 80: 1998 and FCC Part 2: 1998

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Conformance Testing Department

Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

Graphical Test Results

This appendix contains the following graphs:

Graph Reference Number	Measured Pulse
GPH/42589JD02/001	1000ns Pulse Width, 6 mile range
GPH/42589JD02/002	600ns Pulse Width, 3 mile range, Pulse Expansion On
GPH/42589JD02/003	450ns Pulse Width, 3 mile range
GPH/42589JD02/004	350ns Pulse Width, 1 ½ mile range
GPH/42589JD02/005	250ns Pulse Width, ¾ mile range, Pulse Expansion On
GPH/42589JD02/006	150ns Pulse Width, ¾ mile range
GPH/42589JD02/007	90ns Pulse Width, ½ mile range
GPH/42589JD02/008	65ns Pulse Width, ¼ mile range
Graph Reference Number	Measured Pulse Repetition
GPH/42589JD02/009	6 mile range
GPH/42589JD02/010	3 mile range, Pulse Expansion On
GPH/42589JD02/011	3 mile range
GPH/42589JD02/012	1 ½ mile range
GPH/42589JD02/013	¾ mile range, Pulse Expansion On
GPH/42589JD02/014	? ¼ ½ mile range
Graph Reference Number	Occupied Bandwidth
GPH/42589/02/02/022	1000ns Pulse Width, 6 mile range
GPH/42589/02/02/021	600ns Pulse Width, 3 mile range, Pulse Expansion On
GPH/42589/02/02/020	450ns Pulse Width, 3 mile range
GPH/42589/02/02/019	350ns Pulse Width, 1 ½ mile range
GPH/42589/02/02/018	250ns Pulse Width, ¾ mile range, Pulse Expansion On,
GPH/42589/02/02/017	150ns Pulse Width, ¾ mile range
GPH/42589/02/02/016	90ns Pulse Width, ½ mile range
GPH/42589/02/02/015	65ns Pulse Width, ¼ mile range

Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

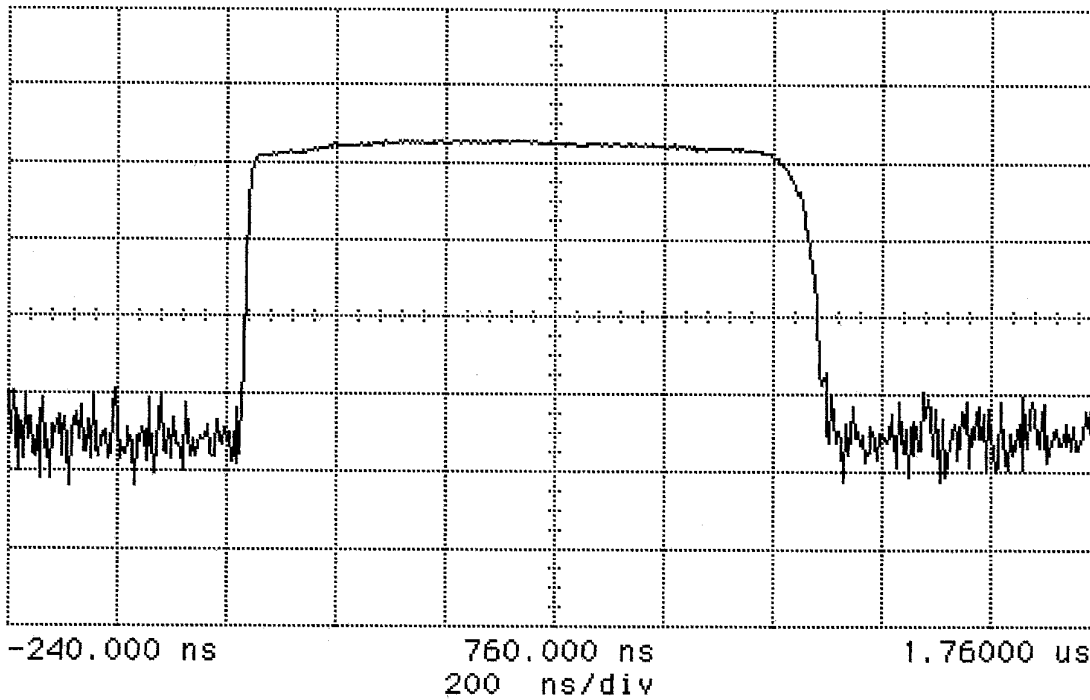
Graph Reference Number	Conducted Antenna Port Spurious Emissions
GPH/42589/02/02/024	6.00GHz to 8.91GHz, 450ns Pulse Width
GPH/42589/02/02/025	8.91GHz to 9.35GHz, 450ns Pulse Width
GPH/42589/02/02/026	8.91GHz to 9.35GHz, 65ns Pulse Width
GPH/42589/02/02/027	8.91GHz to 9.35GHz, 1000ns Pulse Width
GPH/42589/02/02/028	9.45GHz to 9.91GHz, 1000ns Pulse Width
GPH/42589/02/02/029	9.45GHz to 9.91GHz, 65ns Pulse Width
GPH/42589/02/02/030	9.45GHz to 9.91GHz, 450ns Pulse Width
GPH/42589/02/02/023	9.91GHz to 26.50GHz, 450ns Pulse Width
42589JD02/001	26.50 to 40.00GHz, 450ns Pulse Width

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

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2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

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hp printing



peak(1)

63.53 dBm

pulsewidth(1) 998.004ns

CHANNEL

1 2 3 4

off on

scale 5.0 dB/div

ref. level 72.10 dBm

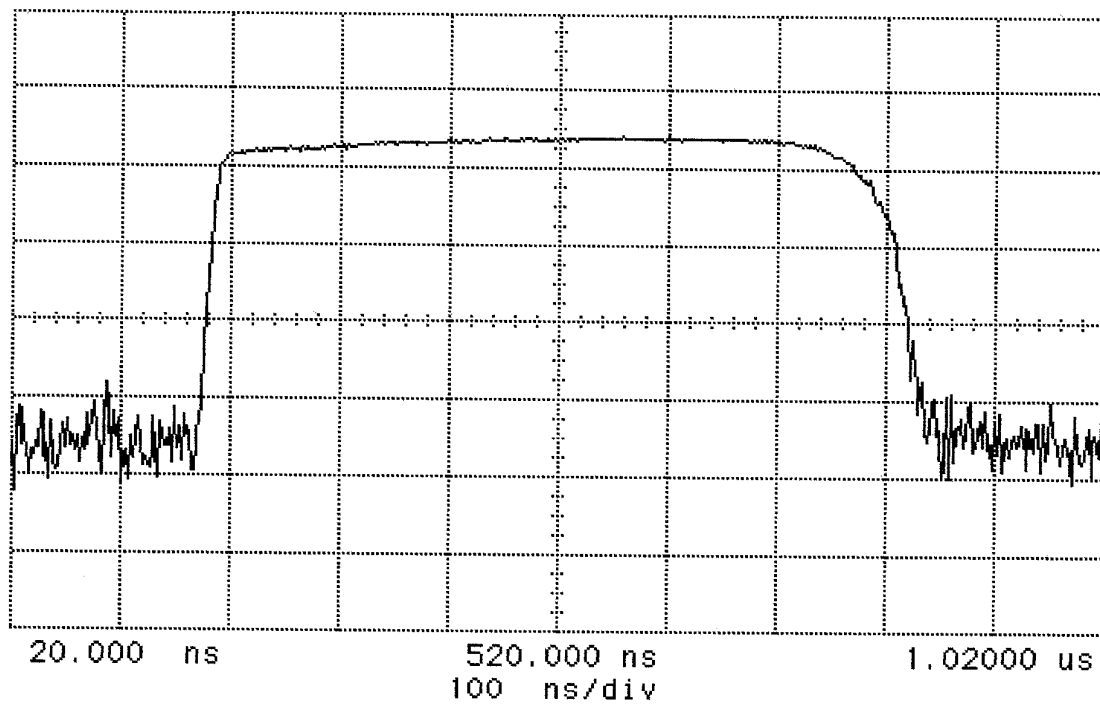
bandwidth high low CW

external loss 72.10 dB

sensor zero

GPH 42589 0002/001

hp printing



peak(1) 64.08 dBm pulsewidth(1) 596.806ns

CHANNEL

1	2	3	4
•	○	○	○

off on

scale 5.0 dB/div

ref. level 72.10 dBm

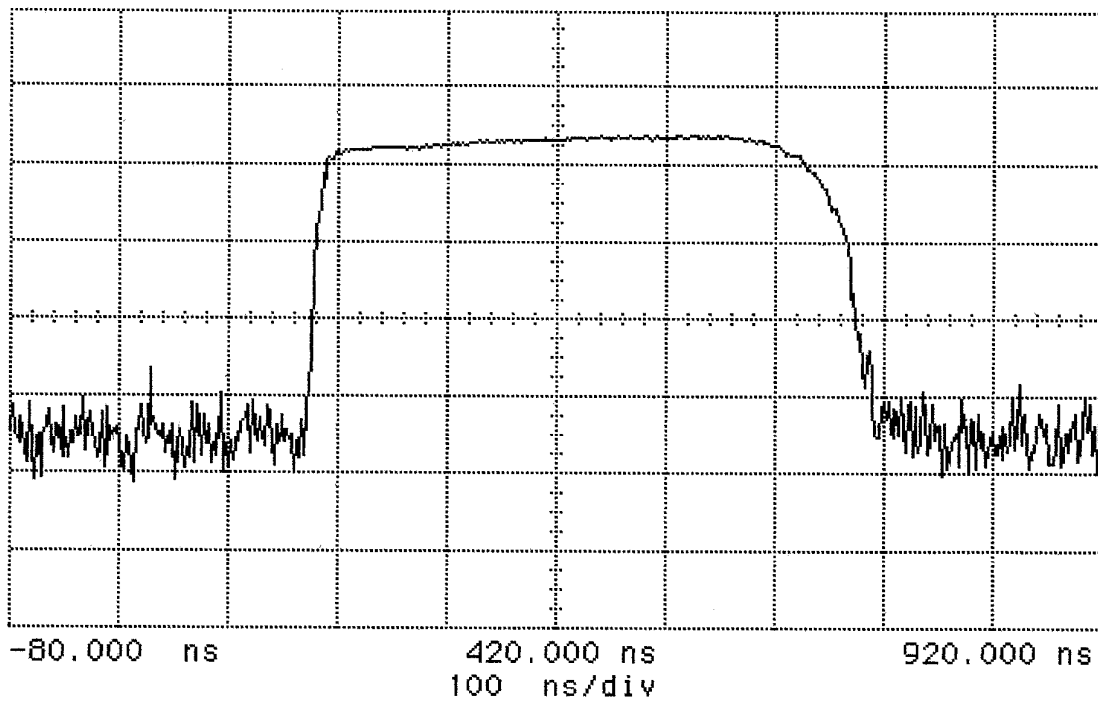
bandwidth high low CW

external loss 72.10 dB

sensor zero

GPH 42589 5002/002.

hp running



peak(1) 63.96 dBm pulsewidth(1) 455.090ns

CHANNEL

1 2 3 4

off on

scale 5.0 dB/div

ref. level 72.10 dBm

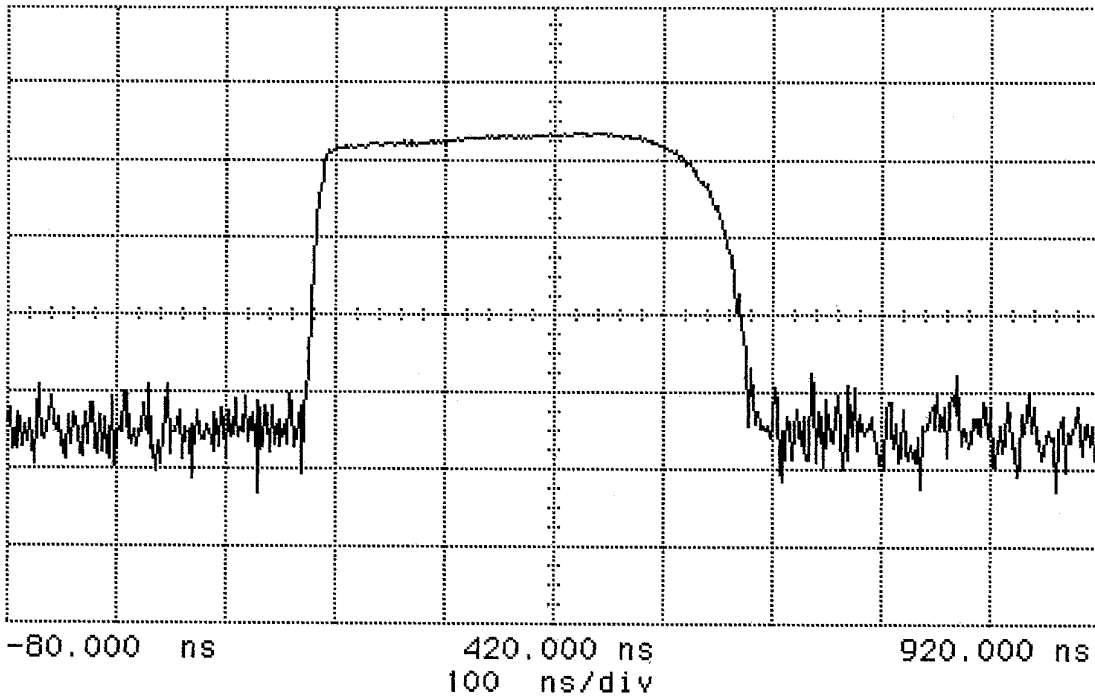
bandwidth high low CW

external loss 72.10 dB

sensor zero

GPU 42589 5002/003.

hp printing



peak(1)

63.82 dBm

pulsewidth(1) 347.305ns

CHANNEL

1 2 3 4
• ° ° °

off on

scale
5.0 dB/div

ref. level
72.10 dBm

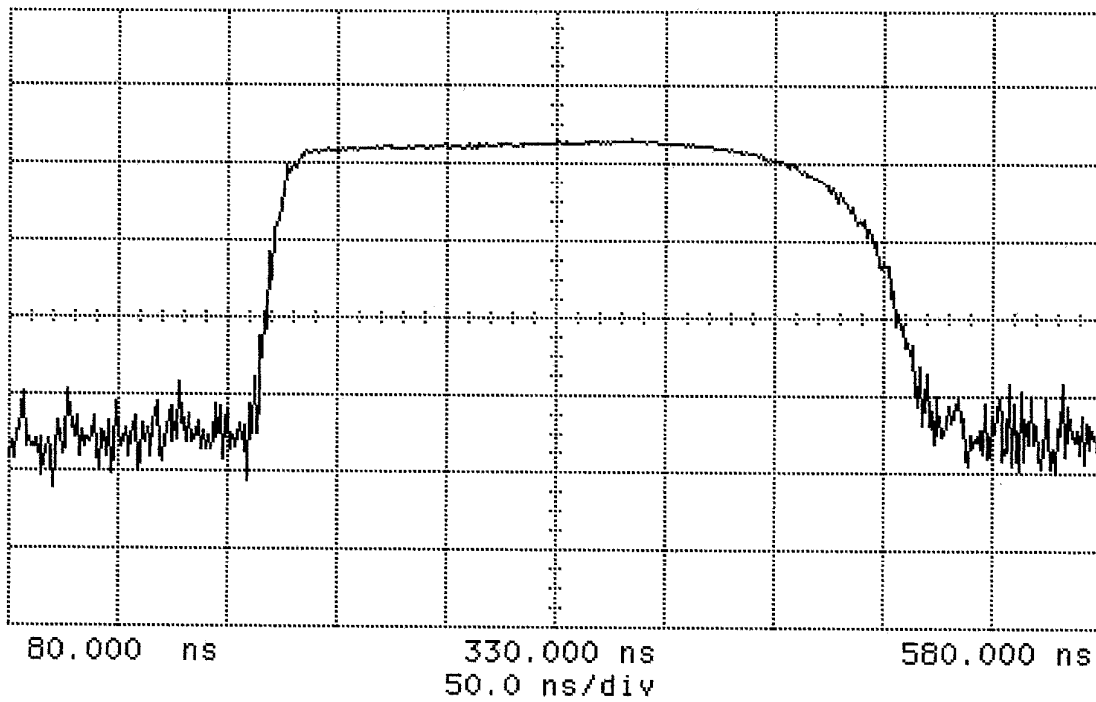
bandwidth
high low CW

external loss
72.10 dB

sensor zero

GPU 42589 5002 1004.

hp running



CHANNEL

1 2 3 4
• ° ° °

off **on**

scale
5.0 dB/div

ref. level
72.10 dBm

bandwidth
high low CW

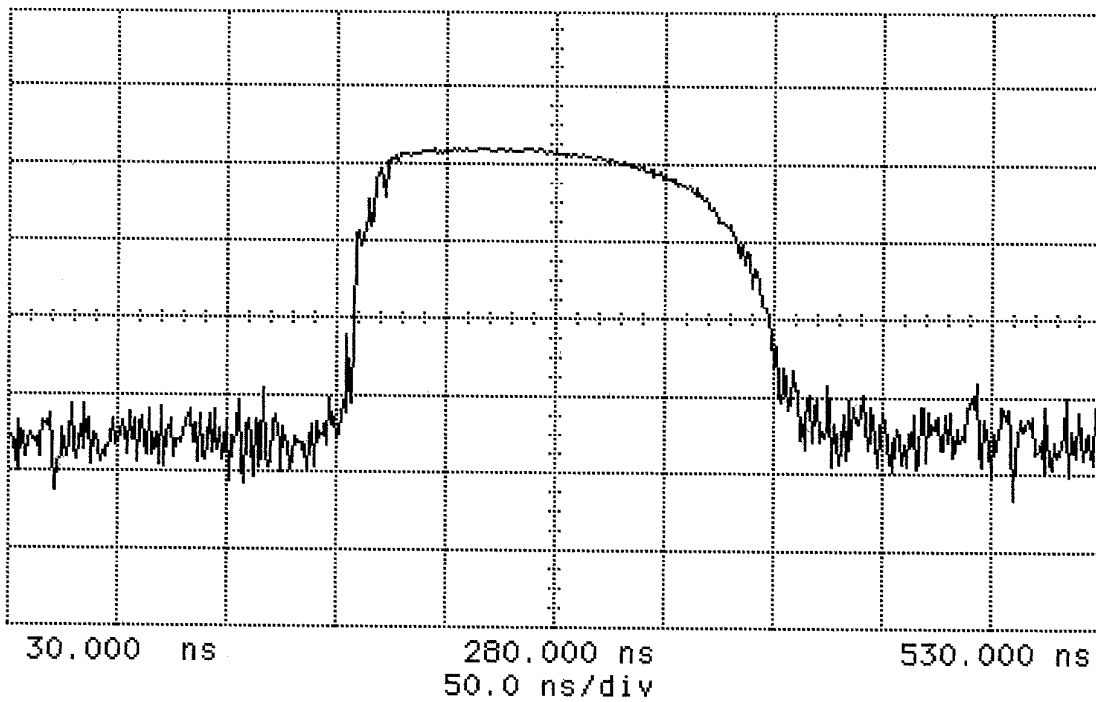
external loss
72.10 dB

peak(1) 63.59 dBm pulsewidth(1) 248.503ns

sensor zero

GPH 42589 8002 /005.

tip printing



peak(1) 63.08 dBm pulsewidth(1) 150.699ns

CHANNEL

1 2 3 4
• ° ° °

off **on**

scale _____
5.0 dB/div

ref. level _____
72.10 dBm

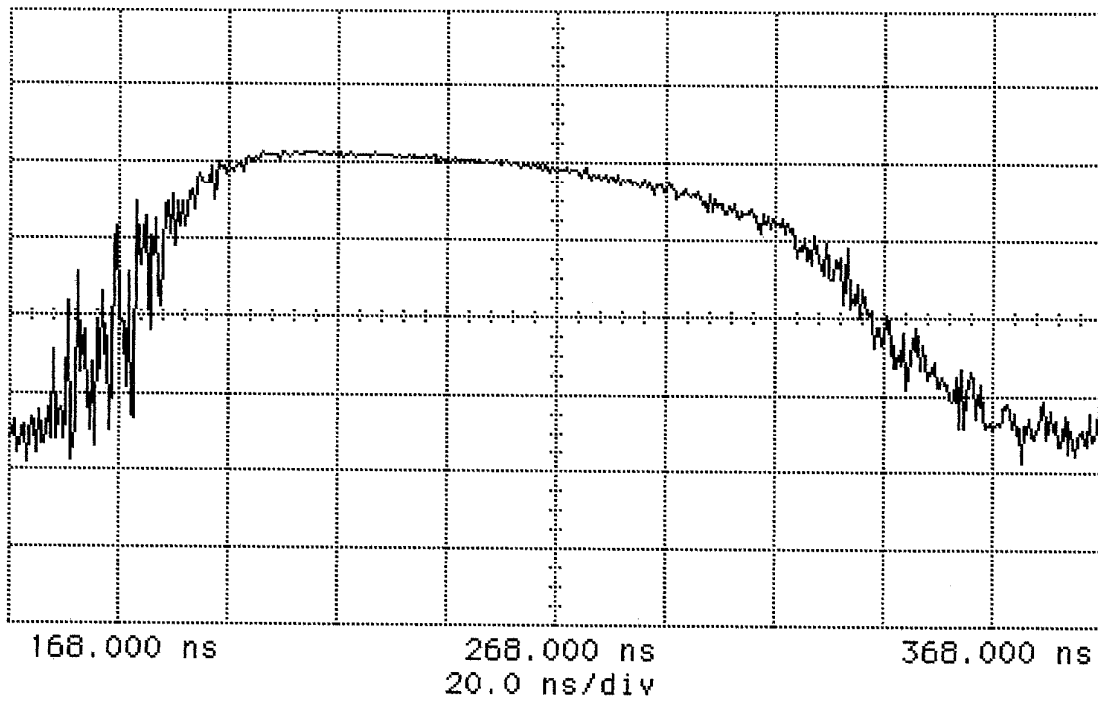
bandwidth _____
high low CW

external loss _____
72.10 dB

sensor zero

GPH 42589 0002/006.

hp printing



peak(1)

62.73 dBm

pulsewidth(1) 97.804 ns

CHANNEL

1 2 3 4
• ° ° °

off **on**

scale
5.0 dB/div

ref. level
72.10 dBm

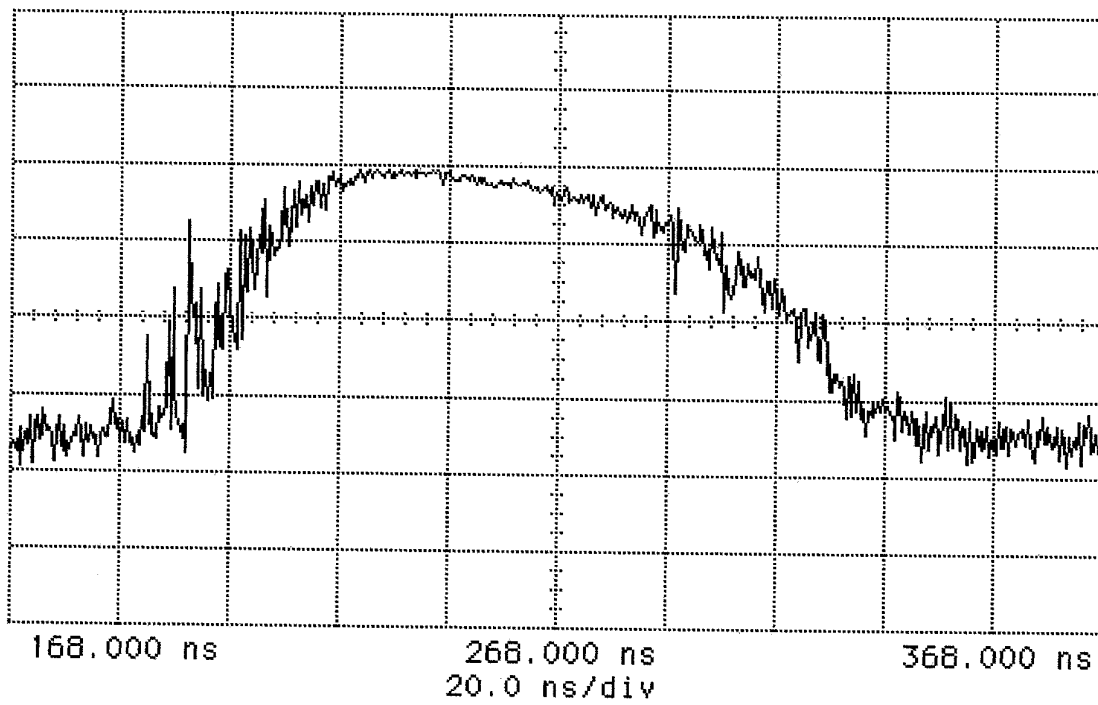
bandwidth
high low CW

external loss
72.10 dB

sensor zero

GPU 42589 JDO 2/007.

hp running



CHANNEL

1 2 3 4
• ○ ○ ○

off on

scale 5.0 dB/div

ref. level 72.10 dBm

bandwidth high low CW

external loss 72.10 dB

peak(1)

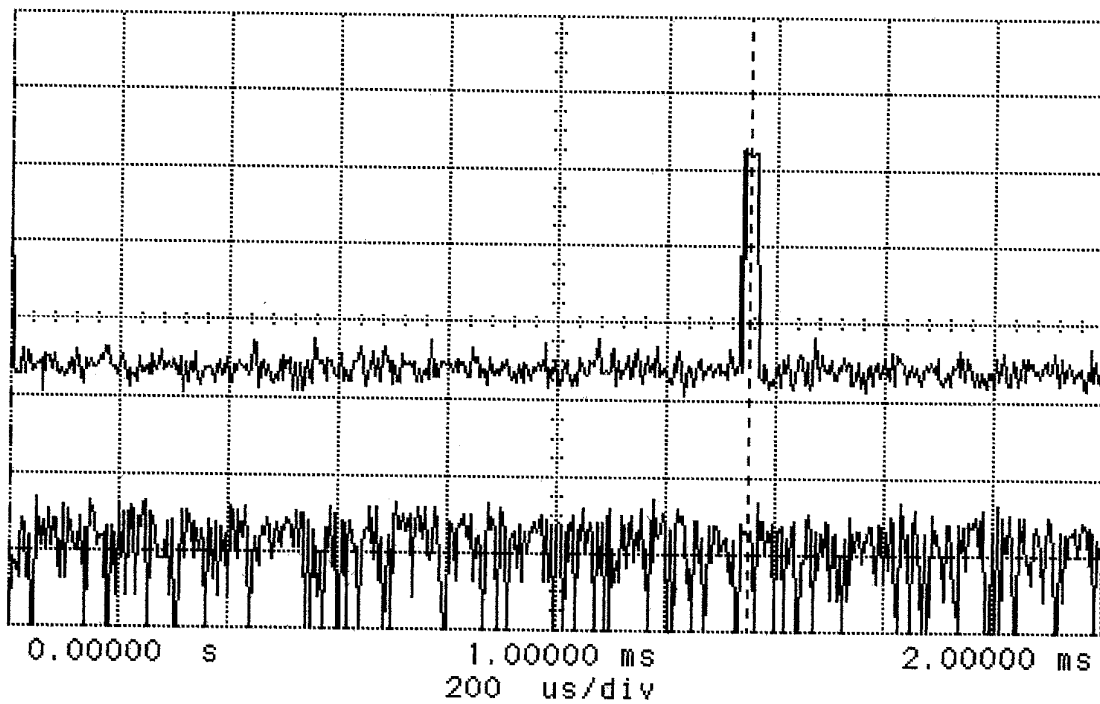
61.77 dBm

pulsewidth(1) 66.267 ns

sensor zero

GPU 42589 1002/008

hp running



ampl markers
 off on

time markers
 off on

start marker
 0.00000 s

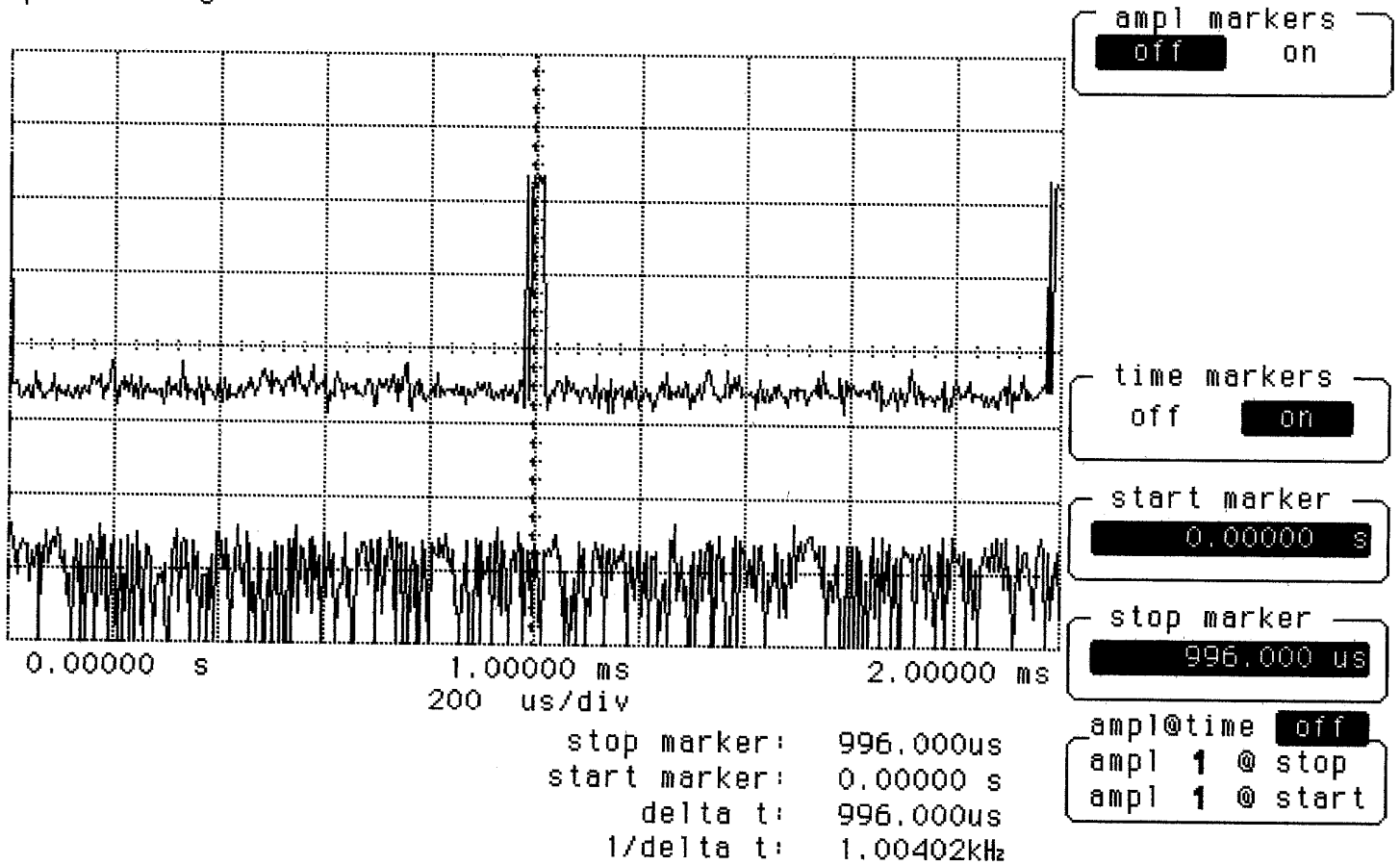
stop marker
 1.35200 ms

stop marker: 1.35200ms
start marker: 0.00000 s
delta t: 1.35200ms
1/delta t: 739.645 Hz

ampl@time off
ampl 1 @ stop
ampl 1 @ start

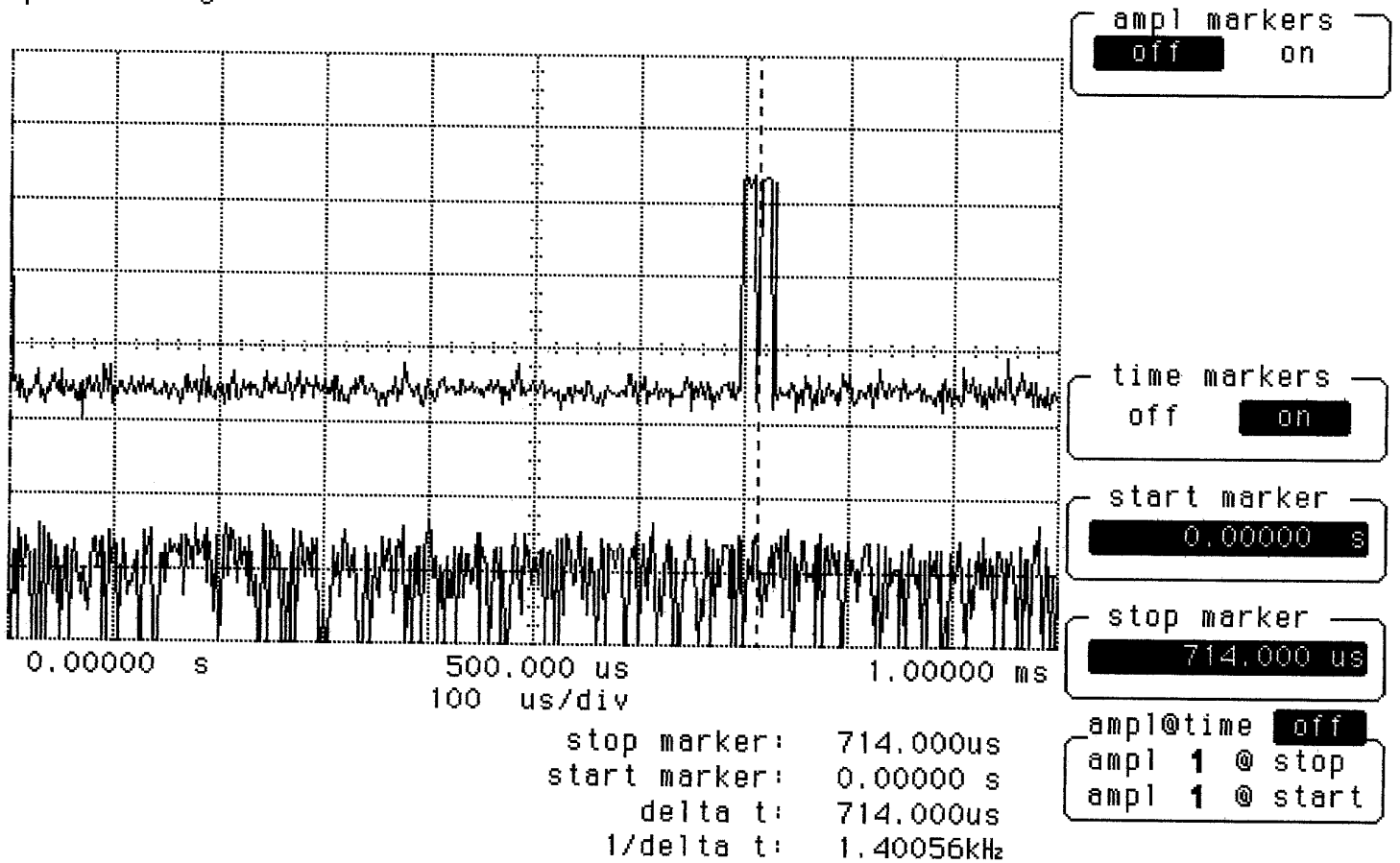
CPH 425895002/009.

hp running



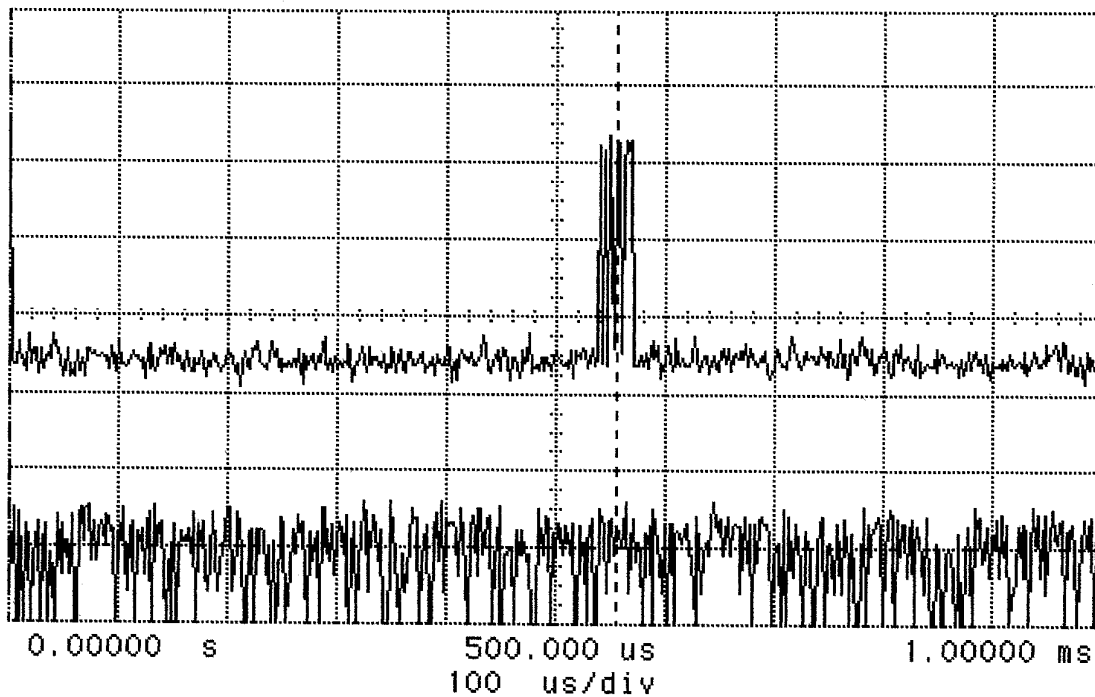
UPH 42589 3002/010

hp running



GPI 42589 0002 / 011

hp running



ampl markers
 off on

time markers
 off on

start marker
 0.00000 s

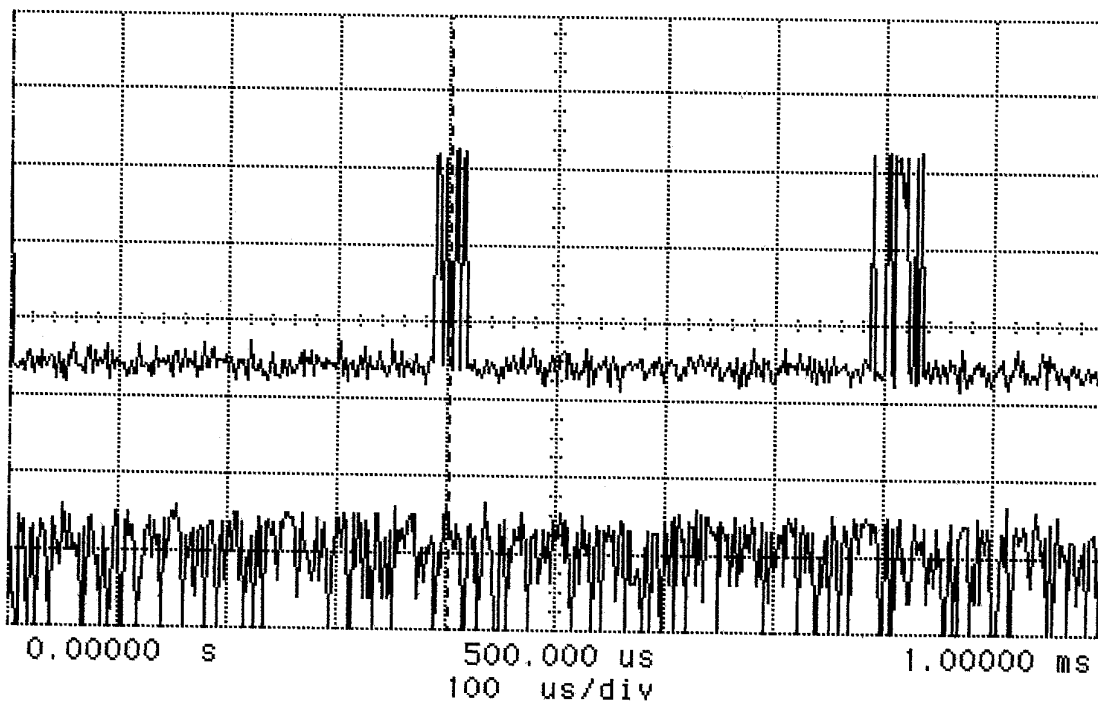
stop marker
 556.000 us

stop marker: 556.000us
start marker: 0.00000 s
delta t: 556.000us
1/delta t: 1.79856kHz

ampl@time off
ampl 1 @ stop
ampl 1 @ start

GPH 42589 5002 / 012 .

hp running



ampl markers
 off on

time markers
 off on

start marker
 0.00000 s

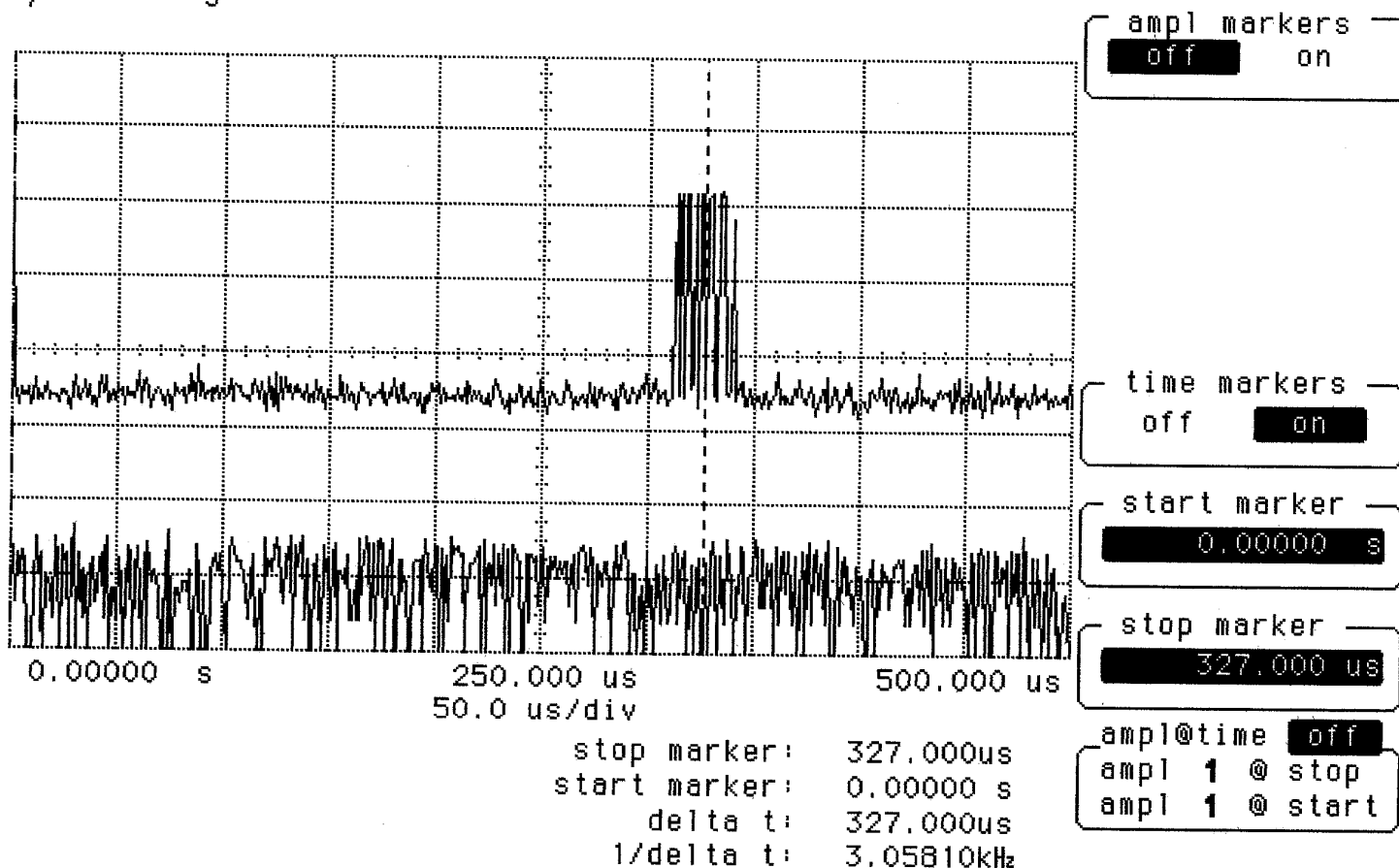
stop marker
 402.000 us

stop marker: 402.000us
start marker: 0.00000 s
delta t: 402.000us
1/delta t: 2.48756kHz

ampl@time off
ampl 1 @ stop
ampl 1 @ start

GPI 42589 8002 / 013.

hp running



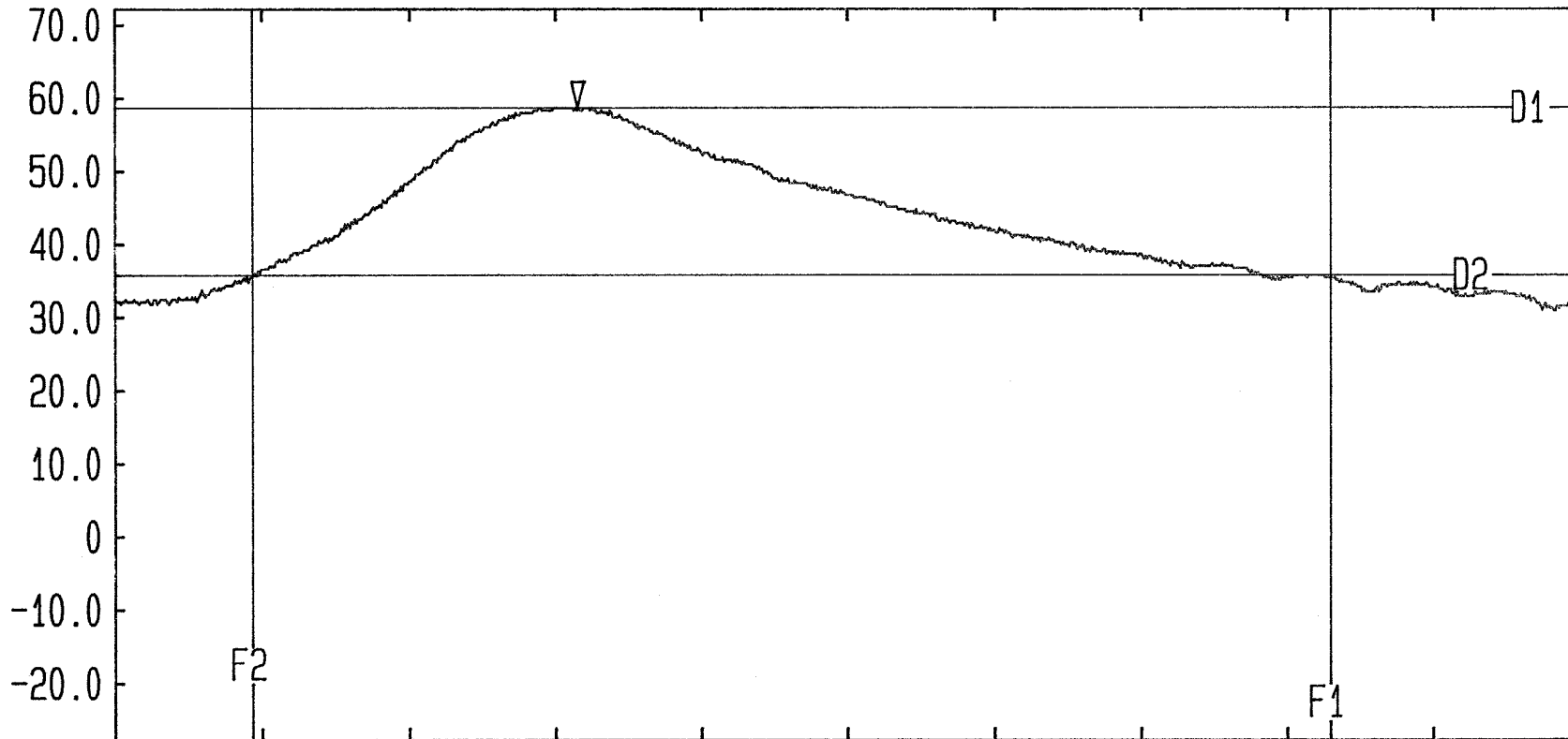
GPU 42589 5002 / 014.



LVLOFF
Date 22.Aug.'01 Time 13:39:04
Ref.Lvl 72.10 dBm
Marker 58.80 dBm
9.38652 GHz

Res.Bw 1.0 MHz [3dB]
TG.Lvl off
CF.Stp 1.562 MHz
Vid.Bw 1 MHz
AF.Att 10 dB
Unit [dBm]

F1 9.39453124943 GHz D1 58.65 dBm
F2 9.38303819379 GHz D2 35.65 dBm
F2-F1 11.49305564 MHz D1-D2 -23.00 dB



Start 9.38157 GHz Span 15.62 MHz Center 9.38939 GHz Sweep 20 ms Stop 9.39720 GHz

Occupied Bandwidth.
FCC Part 80

Tested By RFI for Raymarine Ltd.
1.0uS Pulse Width

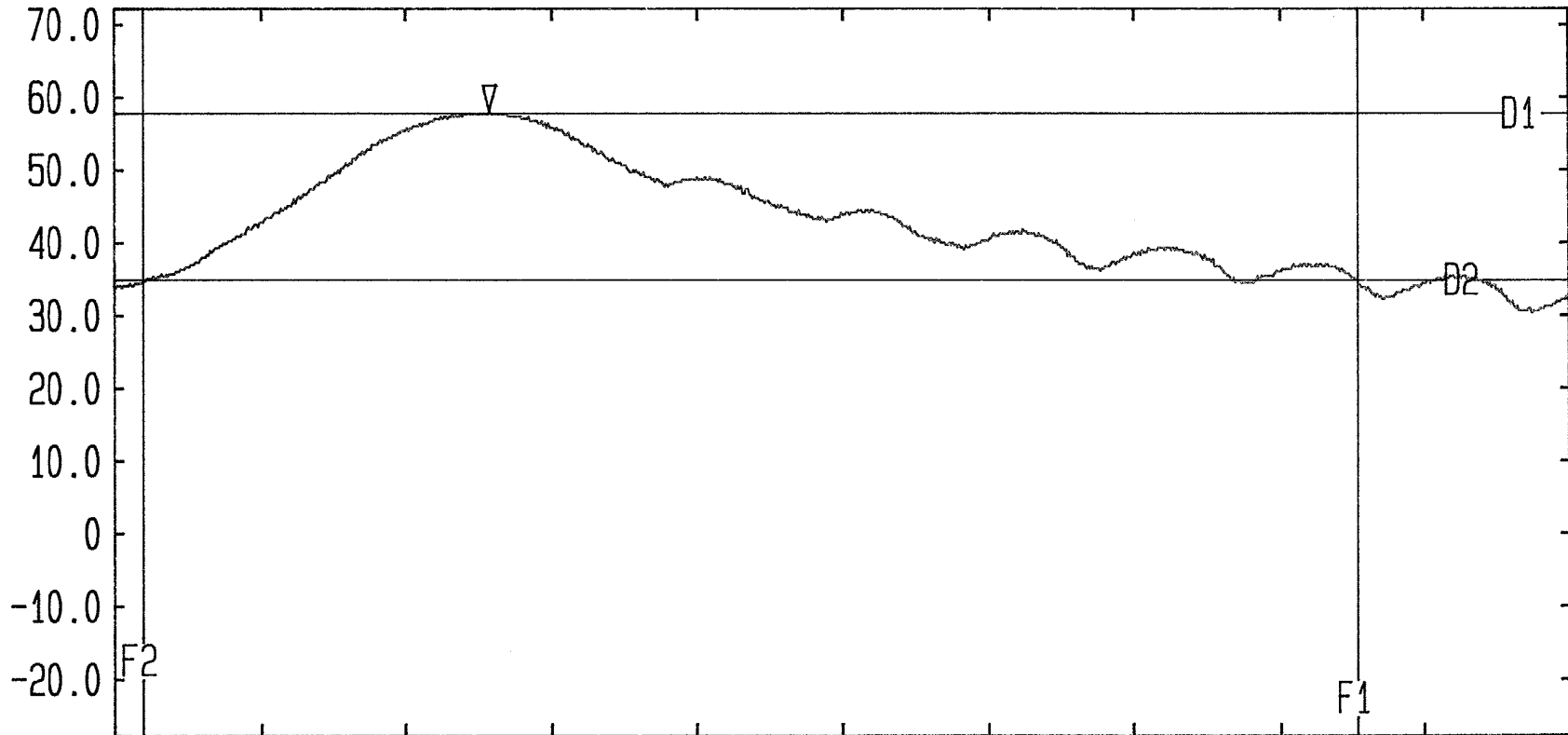
EUT: Pathfinder RL72RC PLUS
GPH/42589/02/02/015



LVLOFF
 Date 22.Aug.'01 Time 13:44:59
 Ref.Lvl 72.10 dBm
 Marker 57.94 dBm
 9.38472 GHz

Res.Bw 1.0 MHz [3dB]
 TG.Lvl off
 CF.Stp 1.636 MHz
 Vid.Bw 1 MHz
 RF.Att 10 dB
 Unit [dBm]

F1 9.39447669277 GHz D1 57.81 dBm
 F2 9.38081955587 GHz D2 34.81 dBm
 F2-F1 13.65713690 MHz D1-D2 -23.00 dB



Start 9.38050 GHz Span 16.36 MHz Center 9.38868 GHz Sweep 20 ms Stop 9.39686 GHz

Occupied Bandwidth.
 FCC Part 80

Tested By RFI for Raymarine Ltd.
 600nS Pulse Width

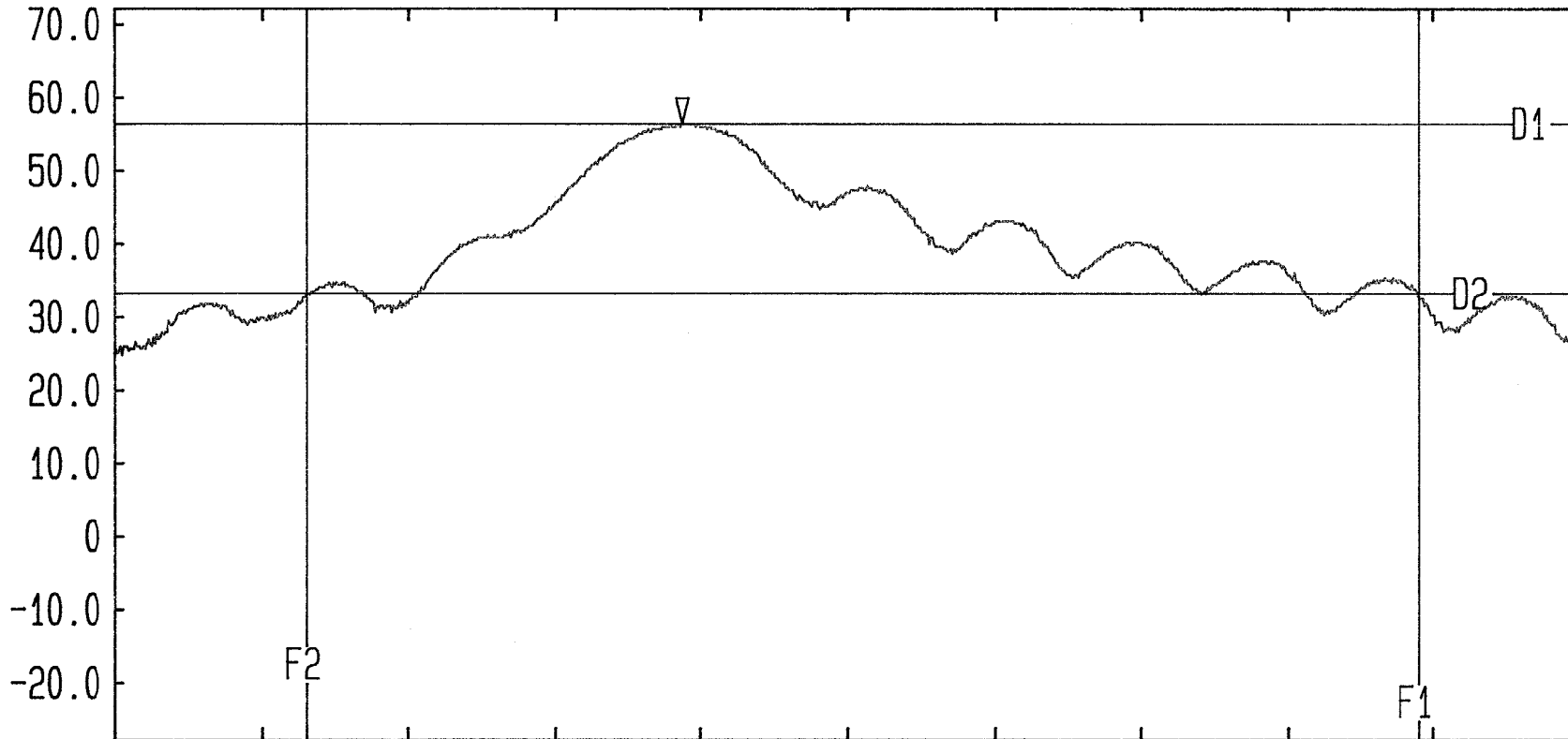
EUT: Pathfinder RL72RC PLUS
 GPH/42589/02/02/016



LVLOFF
 Date 22.Aug.'01 Time 13:51:21
 Ref.Lvl 72.10 dBm
 Marker 56.61 dBm
 9.38478 GHz

Res.Bw 1.0 MHz [3dB]
 TG.Lvl off
 CF.Stp 2.500 MHz
 Vid.Bw 1 MHz
 RF.Att 10 dB
 Unit [dBm]

F1 9.39736558168 GHz D1 56.36 dBm
 F2 9.37834733363 GHz D2 33.36 dBm
 F2-F1 19.01824805 MHz D1-D2 -23.00 dB



Start 9.37509 GHz Span 25 MHz Center 9.38759 GHz Sweep 20 ms Stop 9.40009 GHz

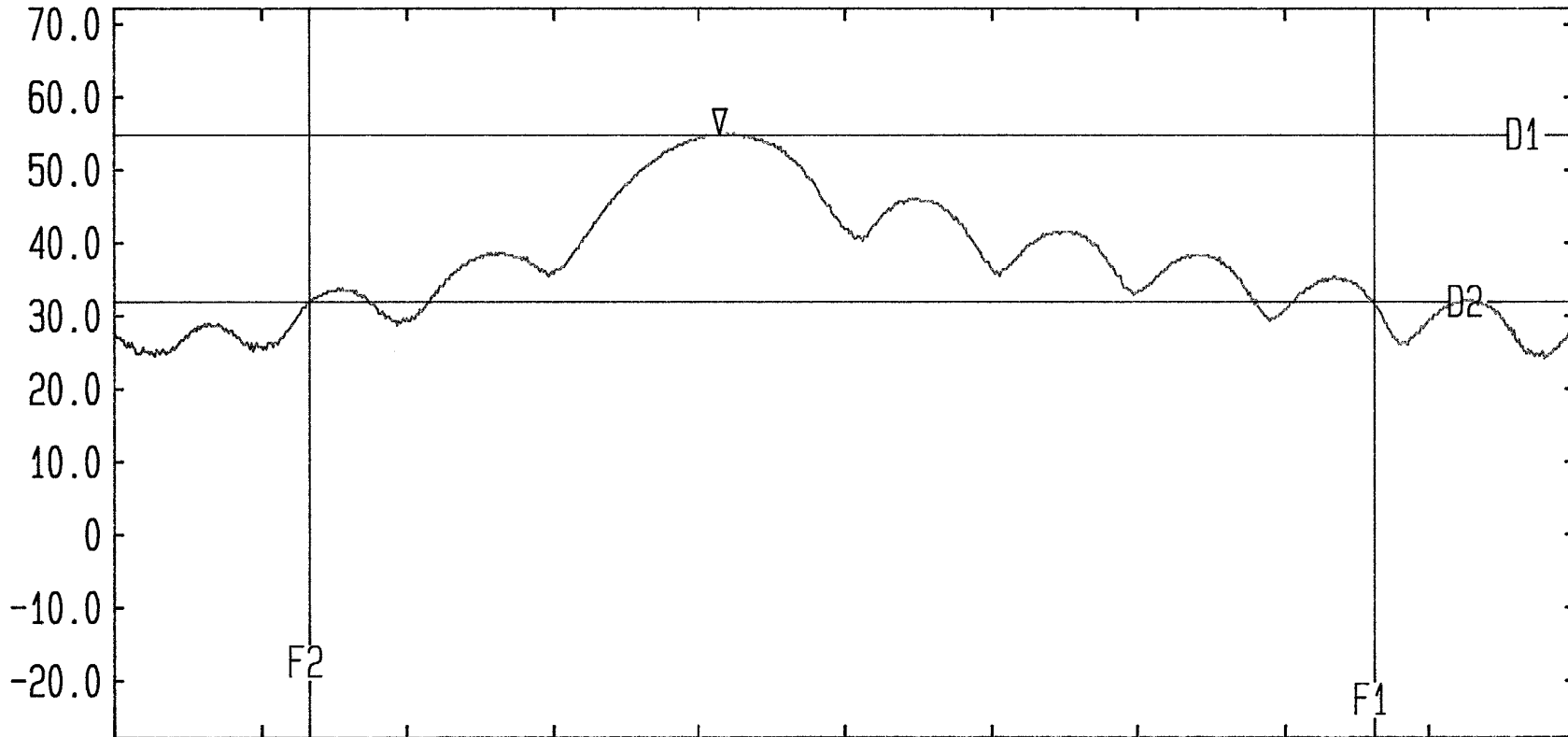
Occupied Bandwidth. Tested By RFI for Raymarine Ltd. EUT: Pathfinder RL72RC PLUS
 FCC Part 80 450nS Pulse Width GPH/42589/02/02/017



LVLOFF
 Date 22.Aug.'01 Time 13:57:27
 Ref.Lvl 72.10 dBm
 Marker 54.99 dBm
 9.38505 GHz

Res.Bw 1.0 MHz [3dB]
 TG.Lvl off
 CF.Stp 3.000 MHz
 Vid.Bw 1 MHz
 RF.Att 10 dB
 Unit [dBm]

F1 9.39846558167 GHz D1 54.89 dBm
 F2 9.37658066698 GHz D2 31.89 dBm
 F2-F1 21.88491469 MHz D1-D2 -23.00 dB



Start 9.37259 GHz Span 30 MHz Center 9.38759 GHz Sweep 20 ms Stop 9.40259 GHz

Occupied Bandwidth.
 FCC Part 80

Tested By RFI for Raymarine Ltd.
 350nS Pulse Width

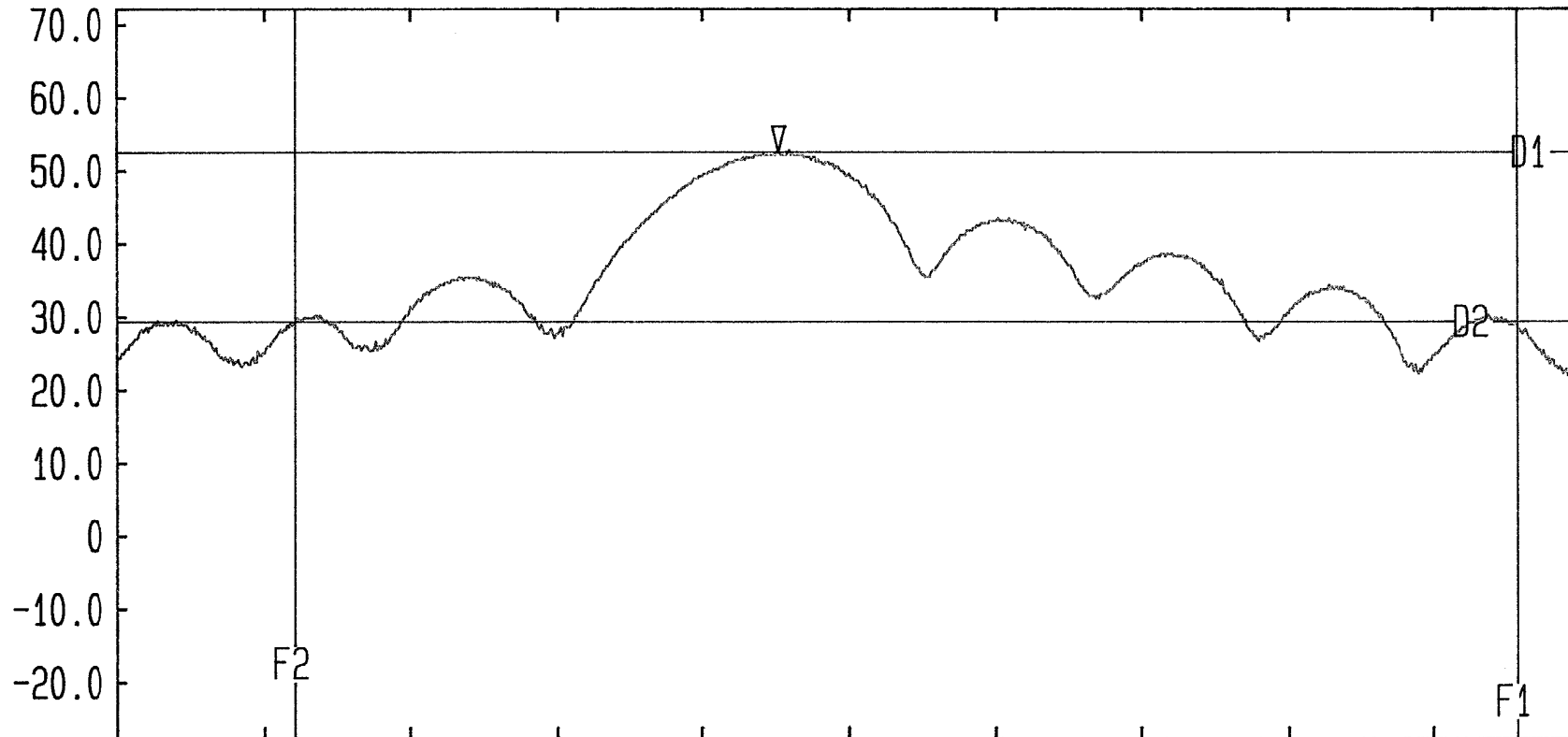
EUT: Pathfinder RL72RC PLUS
 GPH/42589/02/02/018



LVLOFF
 Date 22.Aug.'01 Time 14:04:00
 Ref.Lvl 72.10 dBm Marker 52.48 dBm
 9.38591 GHz

Res.Bw 1.0 MHz [3dB] Vid.Bw 1 MHz
 TG.Lvl off
 CF.Stp 3.500 MHz RF.Att 10 dB
 Unit [dBm]

F1 9.40359891501 GHz D1 52.48 dBm
 F2 9.37432511141 GHz D2 29.48 dBm
 F2-F1 29.27380360 MHz D1-D2 -23.00 dB



Start 9.37009 GHz Span 35 MHz Center 9.38759 GHz Sweep 20 ms Stop 9.40509 GHz

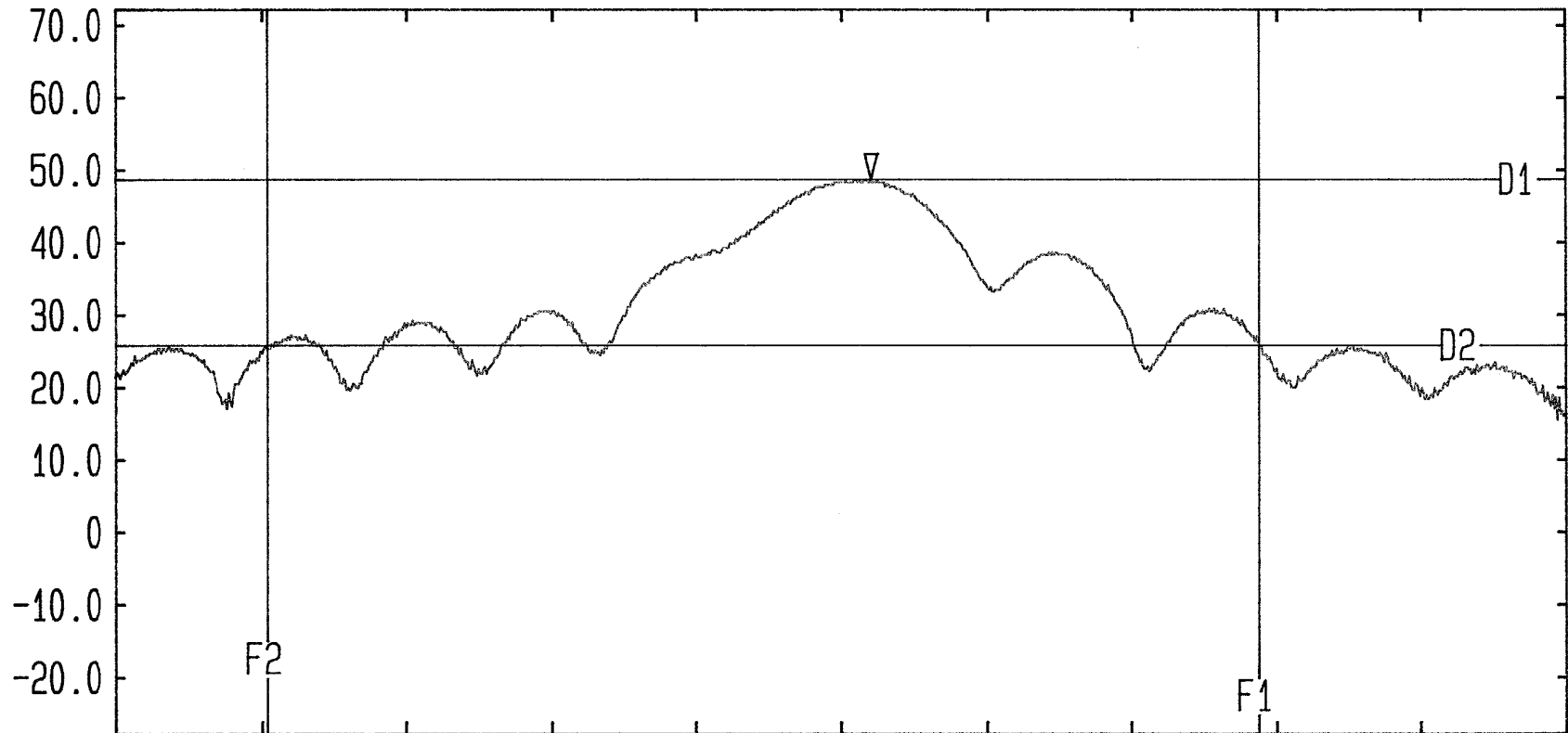
Occupied Bandwidth. Tested By RFI for Raymarine Ltd. EUT: Pathfinder RL72RC PLUS
 FCC Part 80 250nS Pulse Width GPH/42589/02/02/019



LVLOFF
 Date 22.Aug.'01 Time 14:10:20
 Ref.Lvl 72.10 dBm Marker 48.67 dBm
 9.38879 GHz

Res.Bw 1.0 MHz [3dB] Vid.Bw 1 MHz
 TG.Lvl off
 CF.Stp 6.000 MHz RF.Att 10 dB
 Unit [dBm]

F1 9.40479891502 GHz D1 48.67 dBm
 F2 9.36379177806 GHz D2 25.67 dBm
 F2-F1 41.00713696 MHz D1-D2 -23.00 dB



Start 9.35759 GHz Span 60 MHz Center 9.38759 GHz Sweep 20 ms Stop 9.41759 GHz

Occupied Bandwidth.
 FCC Part 80

Tested By RFI for Raymarine Ltd.
 150nS Pulse Width

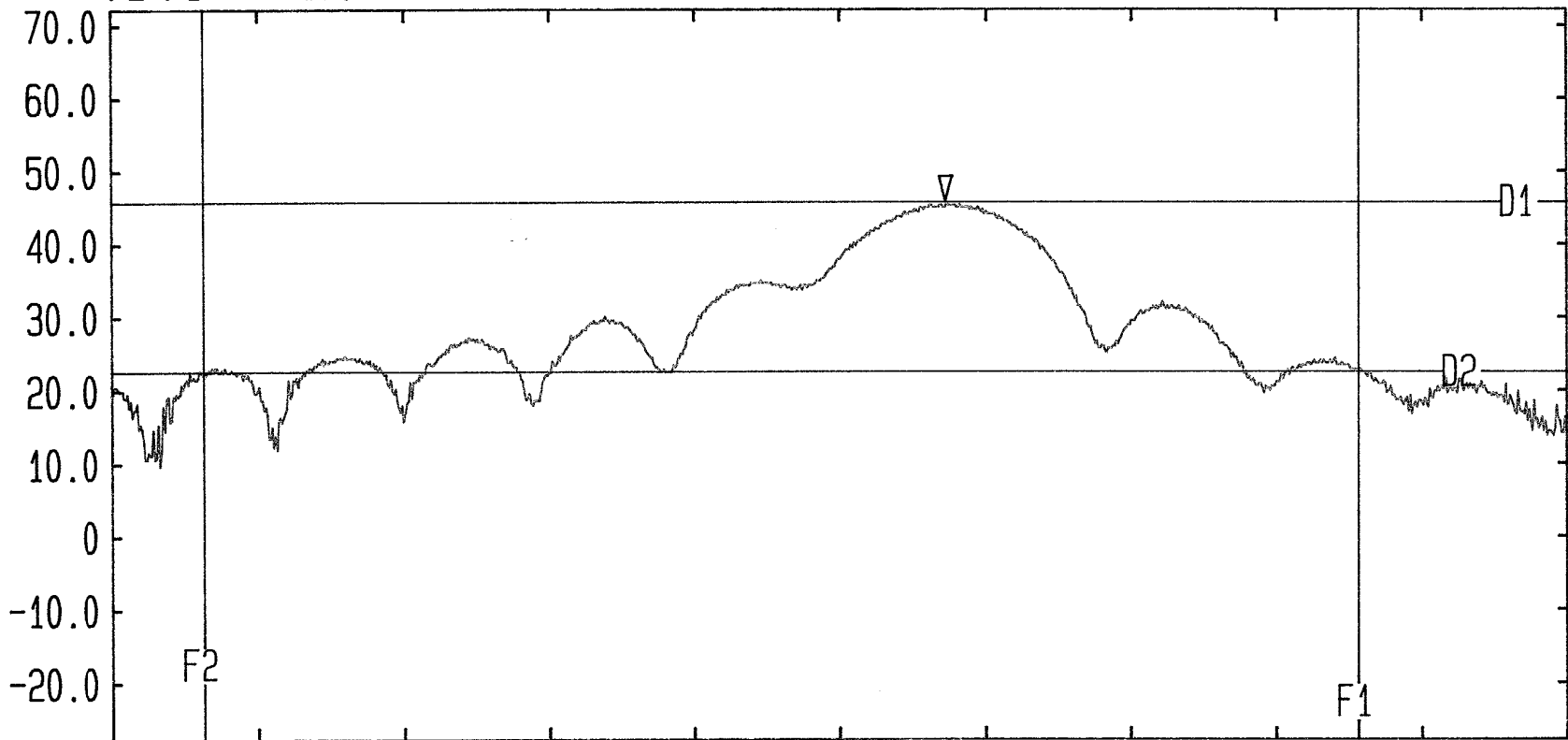
EUT: Pathfinder RL72RC PLUS
 GPH/42589/02/02/020



LVLOFF
 Date 22.Aug.'01 Time 14:16:09
 Ref.Lvl 72.10 dBm
 Marker 45.67 dBm
 9.38990 GHz

Res.Bw 1.0 MHz [3dB]
 TG.Lvl off
 CF.Stp 8.000 MHz
 Vid.Bw 1 MHz
 RF.Att 10 dB
 Unit [dBm]

F1 9.41253224835 GHz D1 45.67 dBm
 F2 9.34903622249 GHz D2 22.67 dBm
 F2-F1 63.49602586 MHz D1-D2 -23.00 dB



Start 9.34403 GHz Span 80 MHz Center 9.38403 GHz Sweep 20 ms Stop 9.42403 GHz

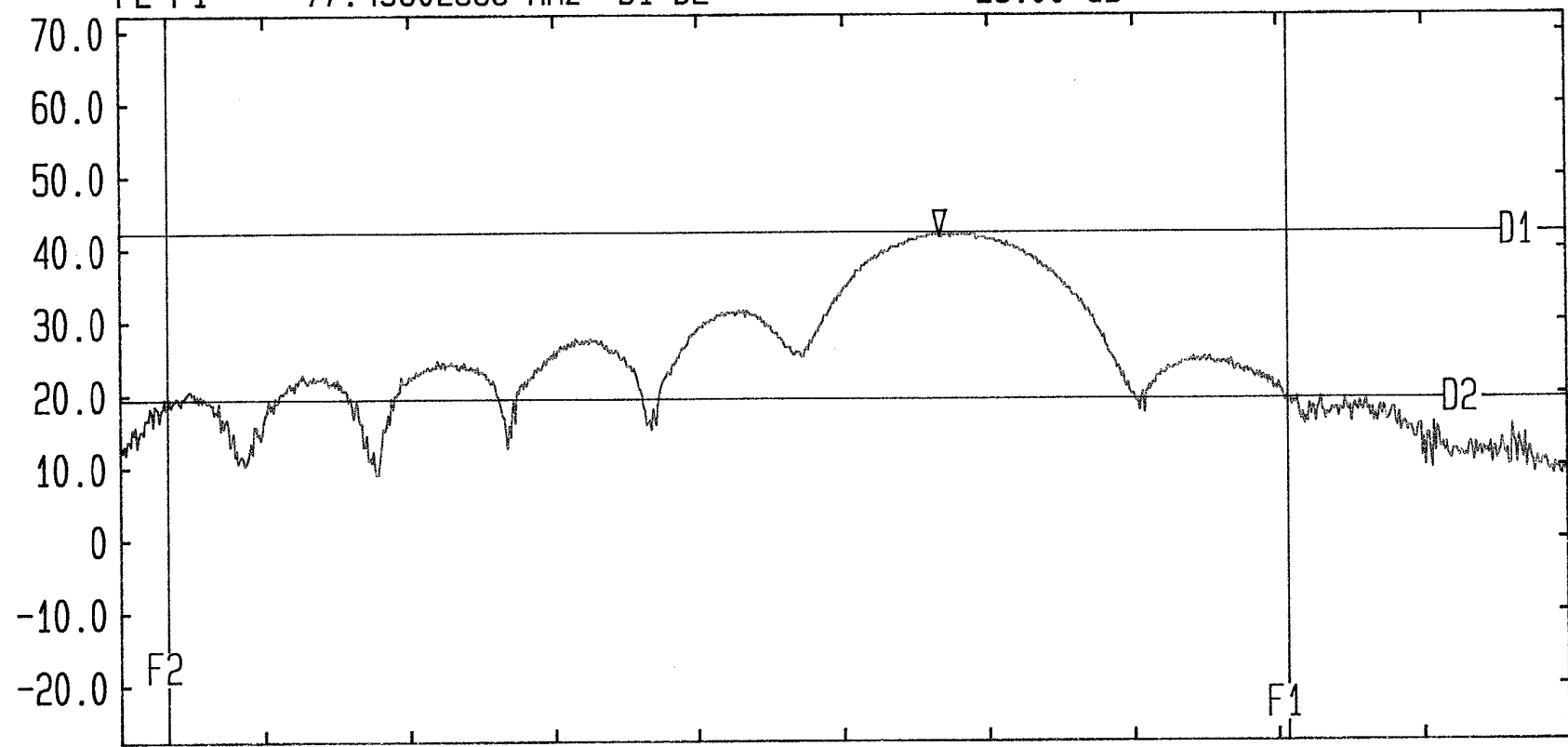
Occupied Bandwidth. Tested By RFI for Raymarine Ltd. EUT: Pathfinder RL72RC PLUS
 FCC Part 80 90nS Pulse Width GPH/42589/02/02/021



LVLOFF
 Date 22.Aug.'01 Time 14:22:04
 Ref.Lvl 72.10 dBm
 Marker 41.76 dBm
 9.3908 GHz

Res.Bw 1.0 MHz [3dB]
 TG.Lvl off
 CF.Stp 10.000 MHz
 Vid.Bw 1 MHz
 RF.Att 10 dB
 Unit [dBm]

F1 9.41475447056 GHz D1 42.24 dBm
 F2 9.33725844473 GHz D2 19.24 dBm
 F2-F1 77.49602583 MHz D1-D2 -23.00 dB

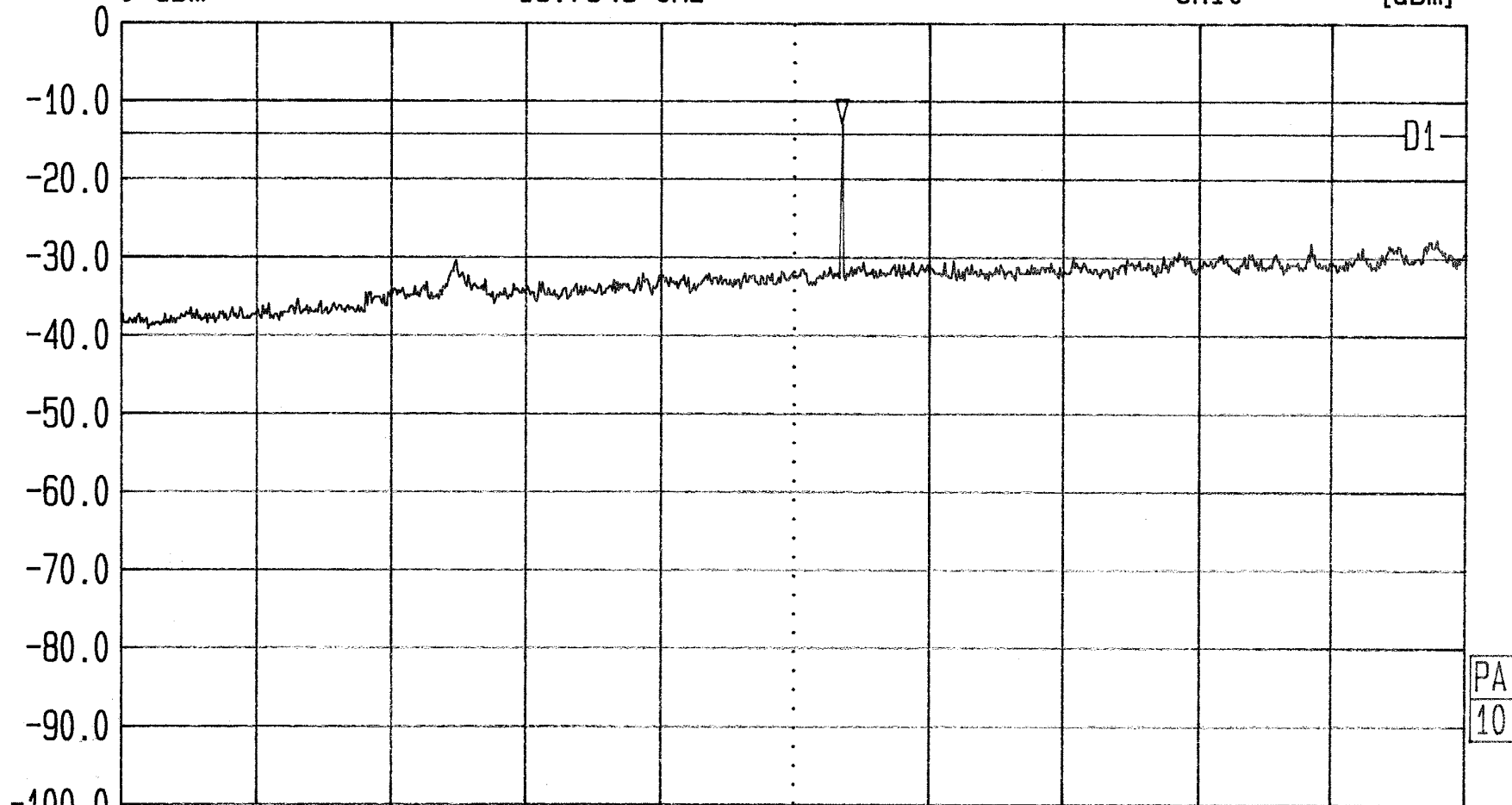


Start 9.3340 GHz Span 100 MHz Center 9.3840 GHz Sweep 20 ms Stop 9.4340 GHz
 Occupied Bandwidth. Tested By RFI for Raymarine Ltd. EUT: Pathfinder RL72RC PLUS
 FCC Part 80 65nS Pulse Width GPH/42589/02/02/022



LVLOFF
Date 23.Aug.'01 Time 10:32:36
Ref.Lvl 0 dBm
Marker -12.59 dBm
18.7948 GHz

Res.Bw 1 MHz [imp]
TG.Lvl off
CF.Stp 1.659 GHz
Vid.Bw 1 MHz
RF.Att Unit 0 dB [dBm]



PA
10

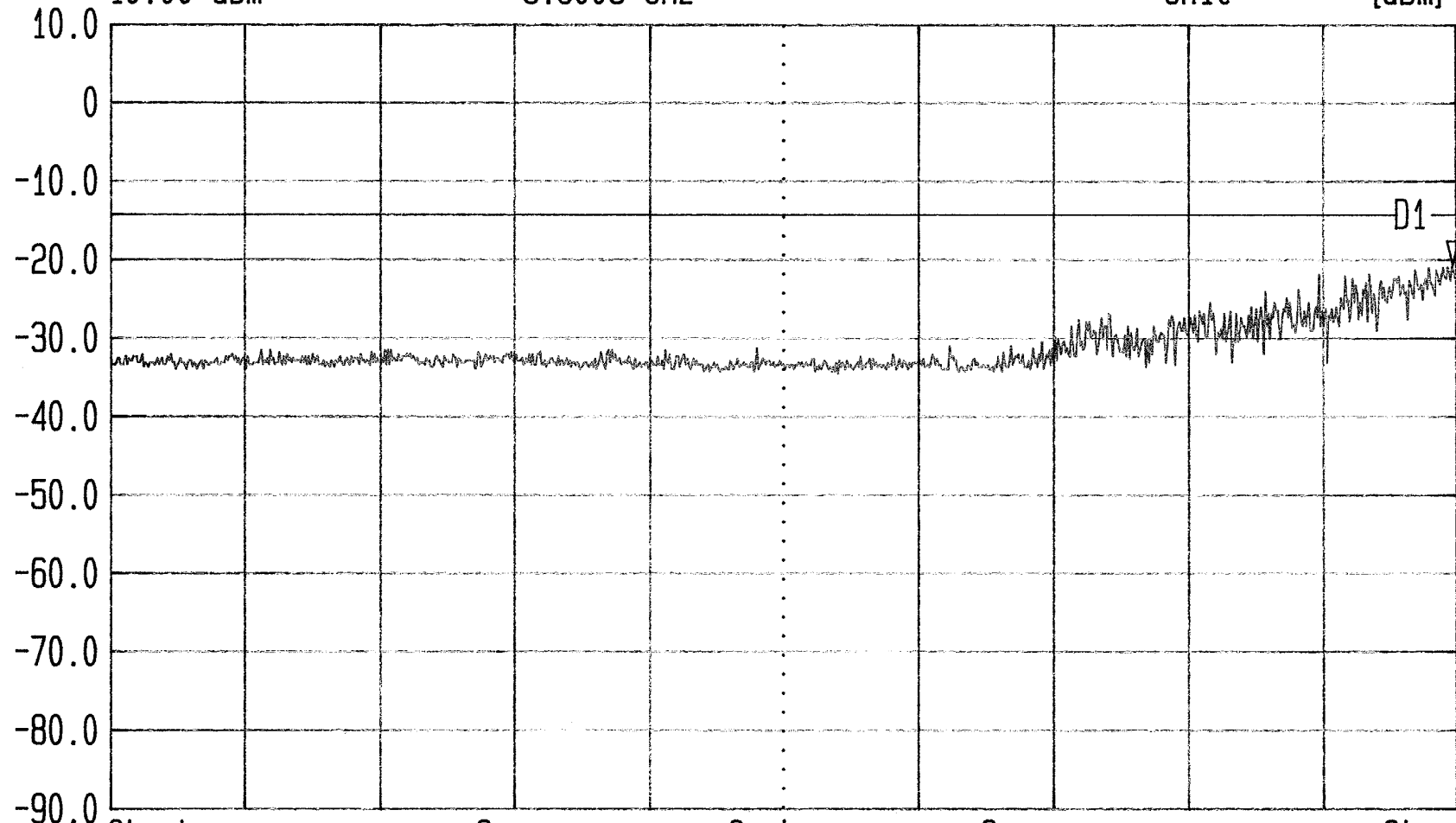
Start 9.91 GHz Span 16.59 GHz Center 18.205 GHz Sweep 120 ms Stop 26.5 GHz

Antenna Port Cond. Emission Tested By RFI for Raymarine EUT: Pathfinder RL72RC PLUS
FCC Part 80 450nS Pulse Width GPH/42589/02/02/023



LVLOFF
 Date 23.Aug.'01 Time 11:21:59
 Ref.Lvl 10.00 dBm
 Marker -20.42 dBm
 8.9003 GHz

Res.Bw 1 MHz [imp]
 TG.Lvl off
 CF.Stp 291.000 MHz
 Vid.Bw 1 MHz
 RF.Att 0 dB
 Unit [dBm]



PA
 10
 FI

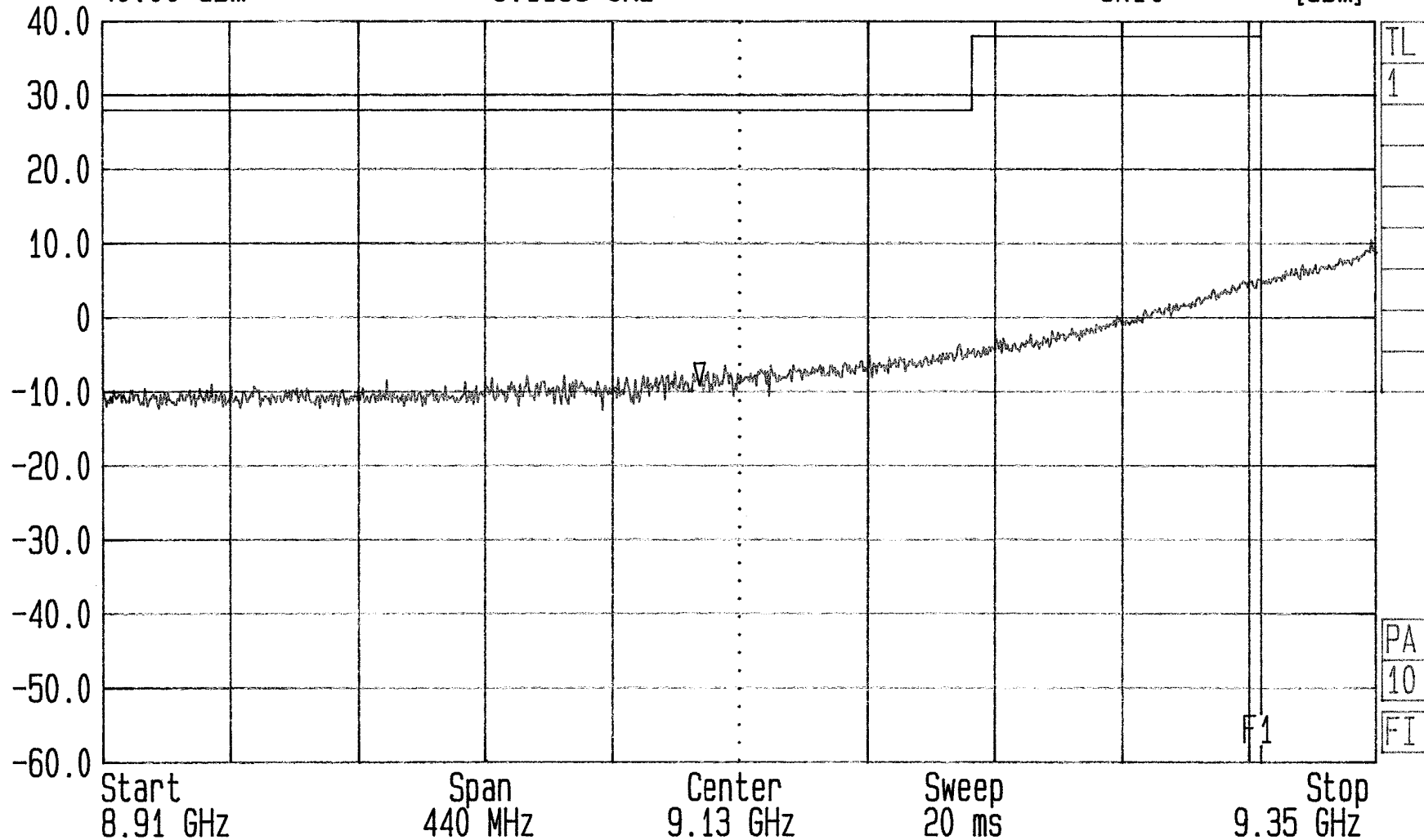
Start 6 GHz Span 2.91 GHz Center 7.455 GHz Sweep 20 ms Stop 8.91 GHz

Antenna Port Cond. Emission Tested By RFI for Raymarine EUT: Pathfinder RL72RC PLUS
 FCC Part 80 450nS Pulse Width GPH/42589/02/02/024



LVLOFF
Date 23.Aug.'01 Time 10:48:59
Ref.Lvl 40.00 dBm
Marker -9.03 dBm
9.1163 GHz

Res.Bw 1 MHz [imp]
TG.Lvl off
CF.Stp 44.000 MHz
Vid.Bw 1 MHz
RF.Att 10 dB
Unit [dBm]

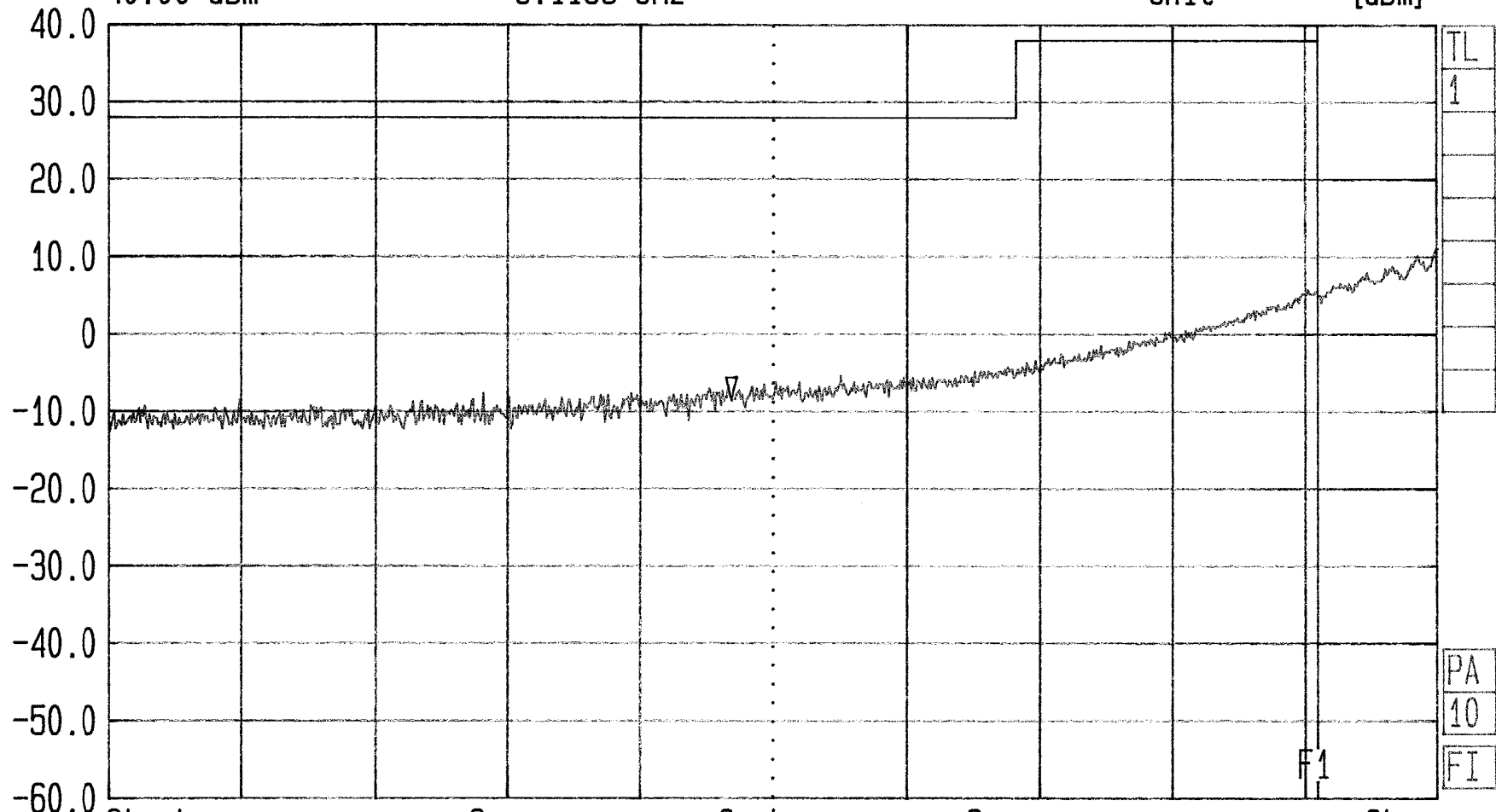


Antenna Port Cond. Emission Tested By RFI for Raymarine EUT: Pathfinder RL72RC PLUS
FCC Part 80 450nS Pulse Width GPH/42589/02/02/025



LVLOFF
 Date 23.Aug.'01 Time 10:55:15
 Ref.Lvl 40.00 dBm
 Marker -8.45 dBm
 9.1163 GHz

Res.Bw 1 MHz [imp]
 TG.Lvl off
 CF.Stp 44.000 MHz
 Vid.Bw 1 MHz
 RF.Att Unit
 10 dB [dBm]



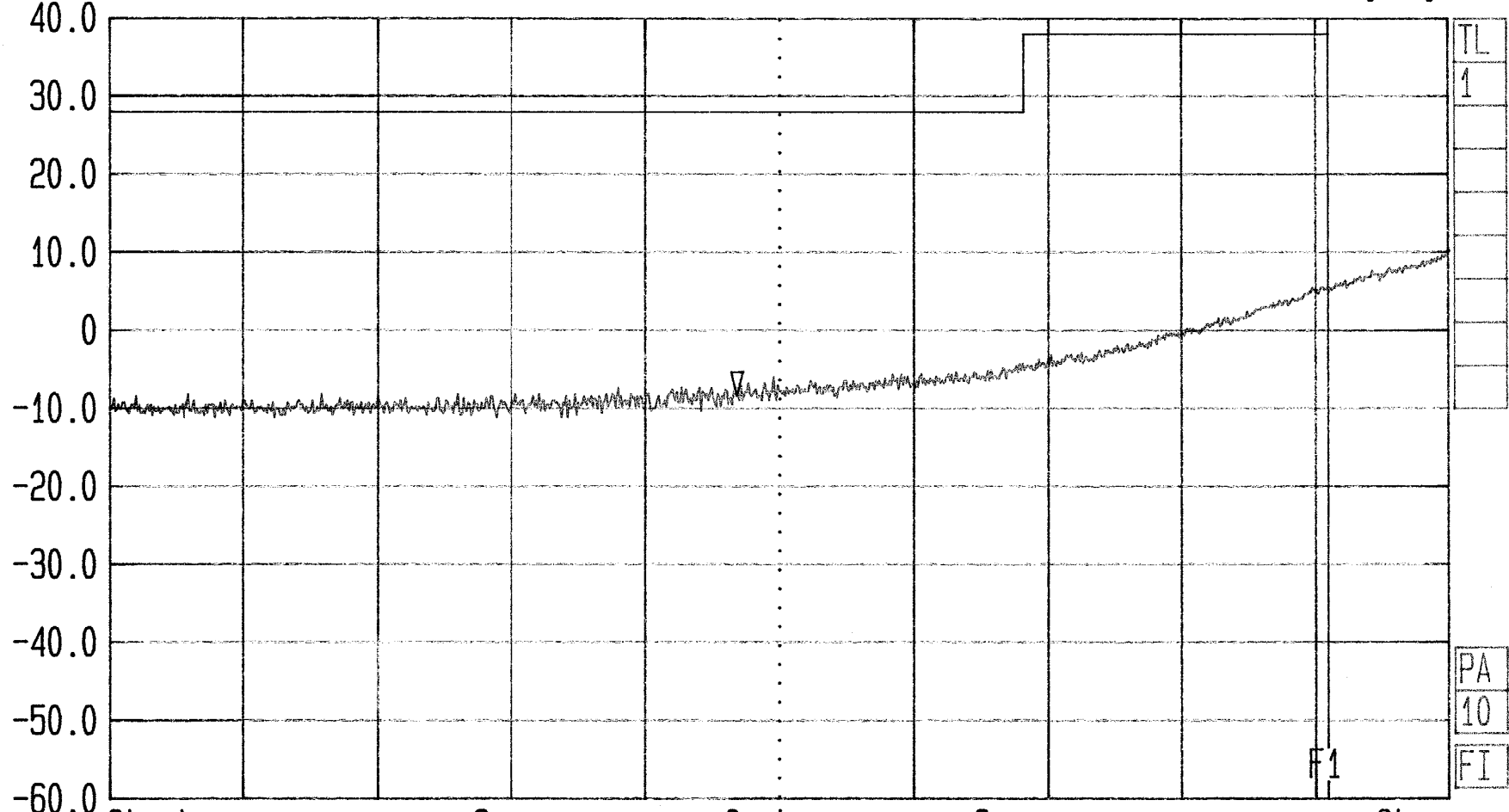
Start 8.91 GHz Span 440 MHz Center 9.13 GHz Sweep 20 ms Stop 9.35 GHz

Antenna Port Cond. Emission Tested By RFI for Raymarine EUT: Pathfinder RL72RC PLUS
 FCC Part 80 65nS Pulse Width GPH/42589/02/02/026



LVLOFF
 Date 23.Aug.'01 Time 11:01:54
 Ref.Lvl 40.00 dBm
 Marker -8.12 dBm
 9.1163 GHz

Res.Bw 1 MHz [imp]
 TG.Lvl off
 CF.Stp 44.000 MHz
 Vid.Bw 1 MHz
 RF.Att Unit
 10 dB [dBm]



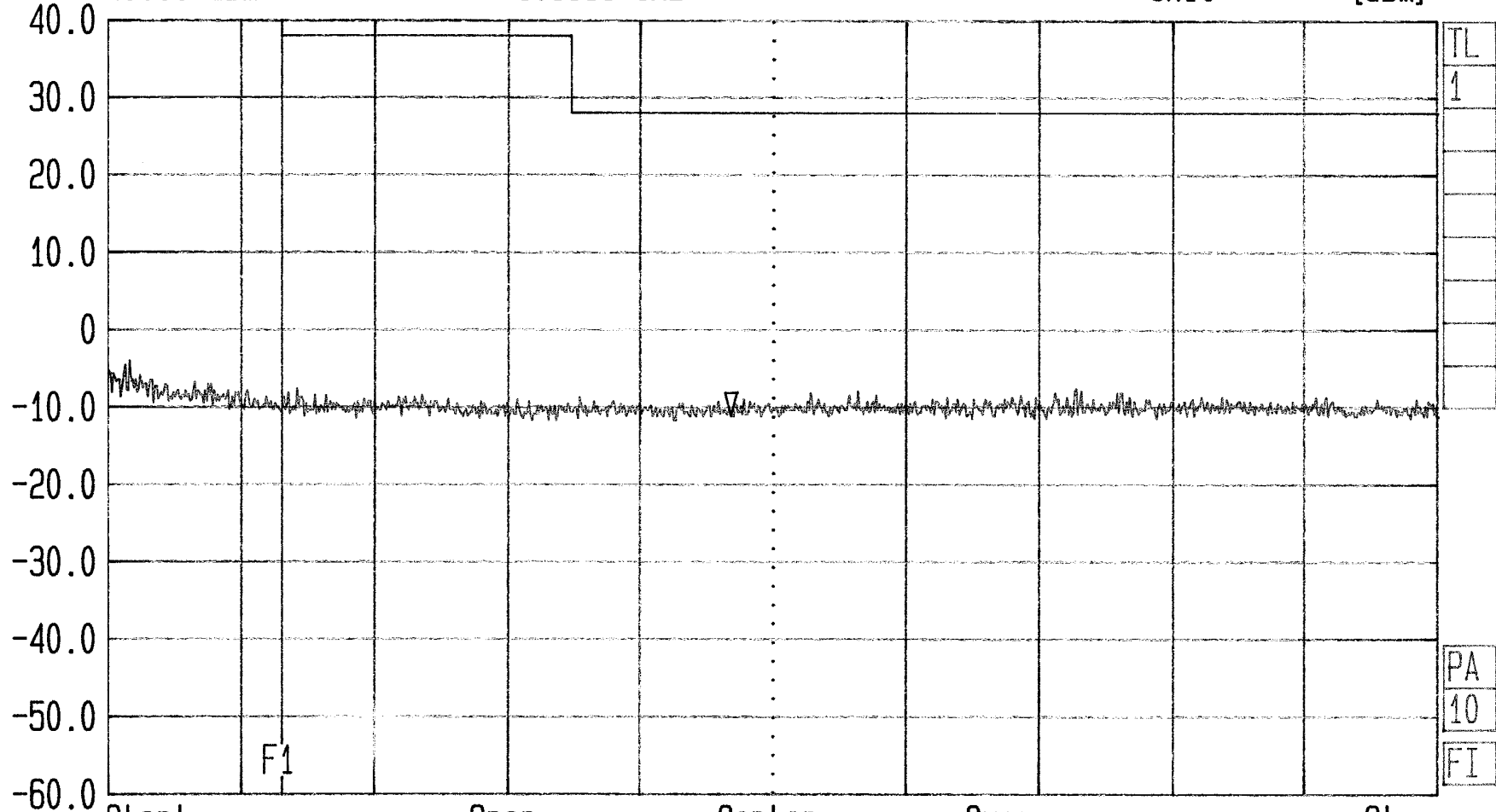
Start 8.91 GHz Span 440 MHz Center 9.13 GHz Sweep 20 ms Stop 9.35 GHz

Antenna Port Cond. Emission Tested By RFI for Raymarine EUT: Pathfinder RL72RC PLUS
 FCC Part 80 1.0uS Pulse Width GPH/42589/02/02/027



LVLOFF
 Date 23.Aug.'01 Time 11:07:56
 Ref.Lvl 40.00 dBm
 Marker -10.96 dBm
 9.6656 GHz

Res.Bw 1 MHz [imp]
 TG.Lvl off
 CF.Stp 46.000 MHz
 Vid.Bw 1 MHz
 RF.Att Unit
 10 dB [dBm]

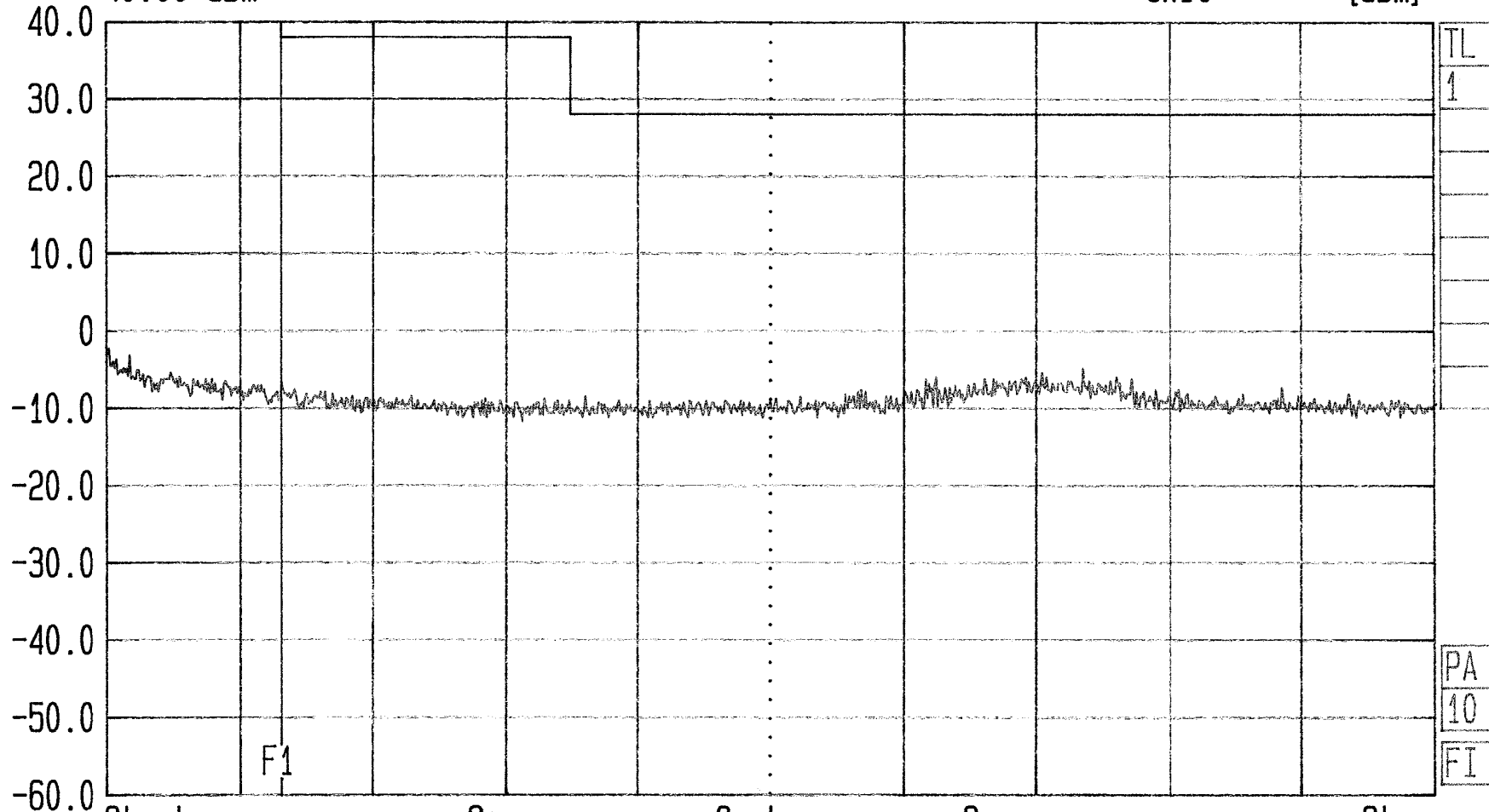


Start 9.45 GHz Span 460 MHz Center 9.68 GHz Sweep 20 ms Stop 9.91 GHz
 Antenna Port Cond. Emission Tested By RFI for Raymarine EUT: Pathfinder RL72RC PLUS
 FCC Part 80 1.0uS Pulse Width GPH/42589/02/02/028



LVLOFF
Date 23.Aug.'01 Time 11:14:18
Ref.Lvl
40.00 dBm

Res.Bw 1 MHz [imp]
TG.Lvl off
CF.Stp 46.000 MHz
Vid.Bw 1 MHz
RF.Att Unit
10 dB [dBm]



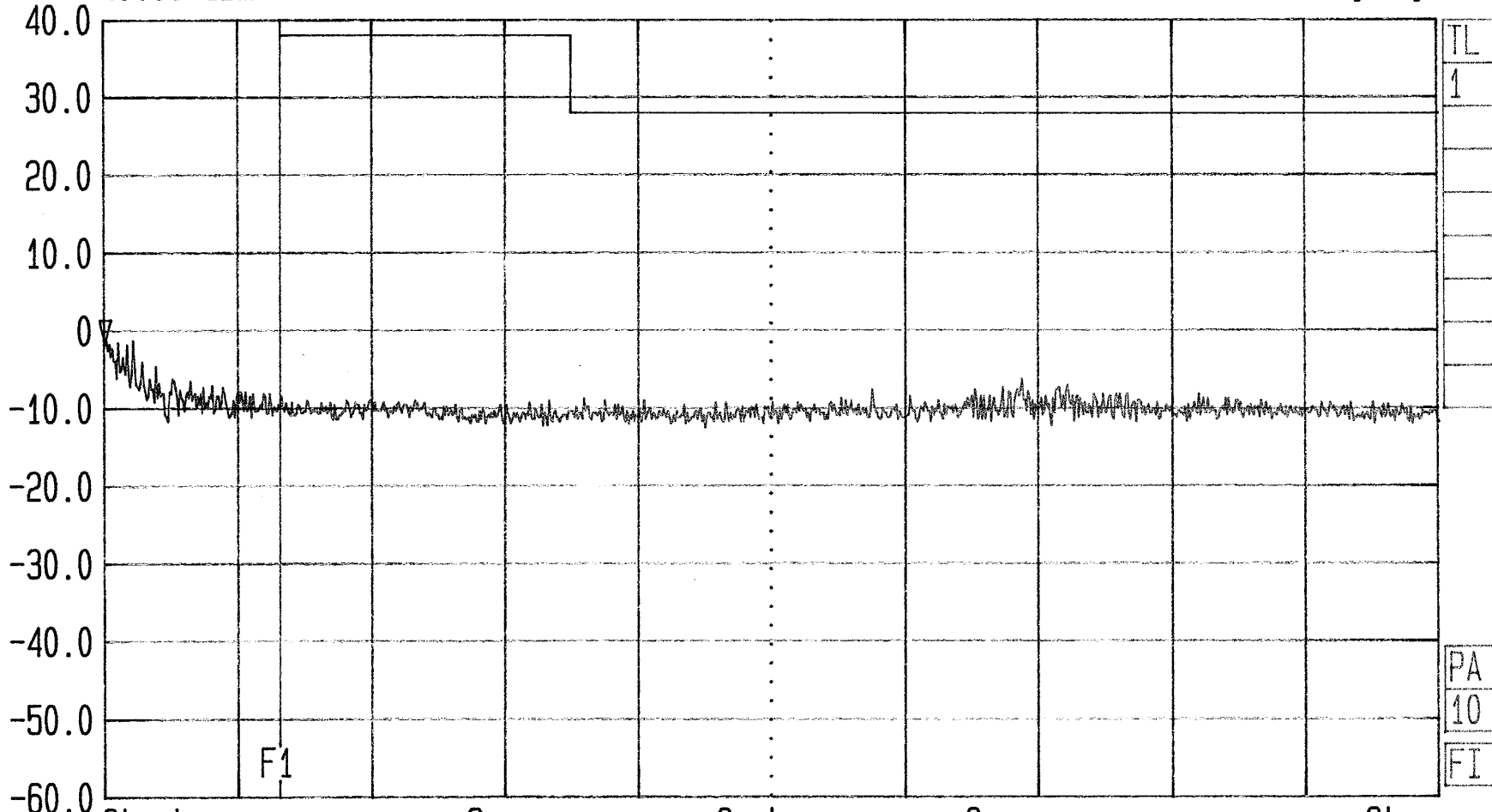
Start 9.45 GHz Span 460 MHz Center 9.68 GHz Sweep 20 ms Stop 9.91 GHz

Antenna Port Cond. Emission Tested By RFI for Raymarine EUT: Pathfinder RL72RC PLUS
FCC Part 80 65nS Pulse Width GPH/42589/02/02/029



LVLOFF
 Date 23.Aug.'01 Time 15:14:56
 Ref.Lvl 40.00 dBm
 Marker -1.49 dBm
 9.4500 GHz

Res.Bw 1 MHz [imp]
 TG.Lvl off
 CF.Stp 46.000 MHz
 Vid.Bw 1 MHz
 RF.Att Unit
 10 dB [dBm]



Start 9.45 GHz Span 460 MHz Center 9.68 GHz Sweep 20 ms Stop 9.91 GHz

Antenna Port Cond. Emission Tested By RFI for Raymarine EUT: Pathfinder RL72RC PLUS
 FCC Part 80 450nS Pulse Width GPH/42589/02/02/030

Conformance Testing Department

Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

Graph Reference Number	Radiated Spurious Emissions
42589JD02 006	2.000GHz to 4.000GHz, Pulse Width 450ns
42589JD02 005	1.000GHz to 2.000GHz, Pulse Width 450ns
42589JD02 002	30.000MHz to 1.000GHz, Pulse Width 450ns
42589JD02 003	9.000kHz to 150.000kHz, Pulse Width 450ns
42589JD02 004	150.000kHz to 30.000MHz, Pulse Width 450ns
42589JD01 003	33.000GHz to 40.000GHz, Pulse Width 450ns
42589JD01 002	26.500GHz to 33.000GHz, Pulse Width 450ns
42589JD01 001	18.000GHz to 26.500GHz, Pulse Width 450ns
42589JD02 026	18.768GHz, Pulse Width 450ns
42589JD02 024	12.000GHz to 18.000GHz, Pulse Width 450ns
42589JD02 020	9.910GHz to 12.000GHz, Pulse Width 450ns
42589JD02 018	9.610GHz to 9.910GHz, Pulse Width 450ns
42589JD02 019	9.610GHz to 9.910GHz, Pulse Width 6.5ns
42589JD02 017	9.610GHz to 9.910GHz, Pulse Width 1000ns
42589JD02 013	9.210GHz to 9.312GHz, Pulse Width 6.5ns
42589JD02 012	9.210GHz to 9.312GHz, Pulse Width 450ns
42589JD02 011	9.210GHz to 9.312GHz, Pulse Width 1000ns
42589JD02 010	8.910GHz to 9.210GHz, Pulse Width 1000ns
42589JD02 008	8.910GHz to 9.210GHz, Pulse Width 450ns
42589JD02 009	8.910GHz to 9.210GHz, Pulse Width 65ns
42589JD02 007	8.000GHz to 8.910GHz, Pulse Width 450ns
42589JD02 023	6.000GHz to 8.000GHz, Pulse Width 450ns
42589JD02 022	4.000GHz to 6.000GHz, Pulse Width 450ns
42589JD02 014	9.506GHz to 9.610GHz, Pulse Width 65ns
42589JD02 015	9.506GHz to 9.610GHz, Pulse Width 450ns
42589JD02 016	9.506GHz to 9.610GHz, Pulse Width 1000ns

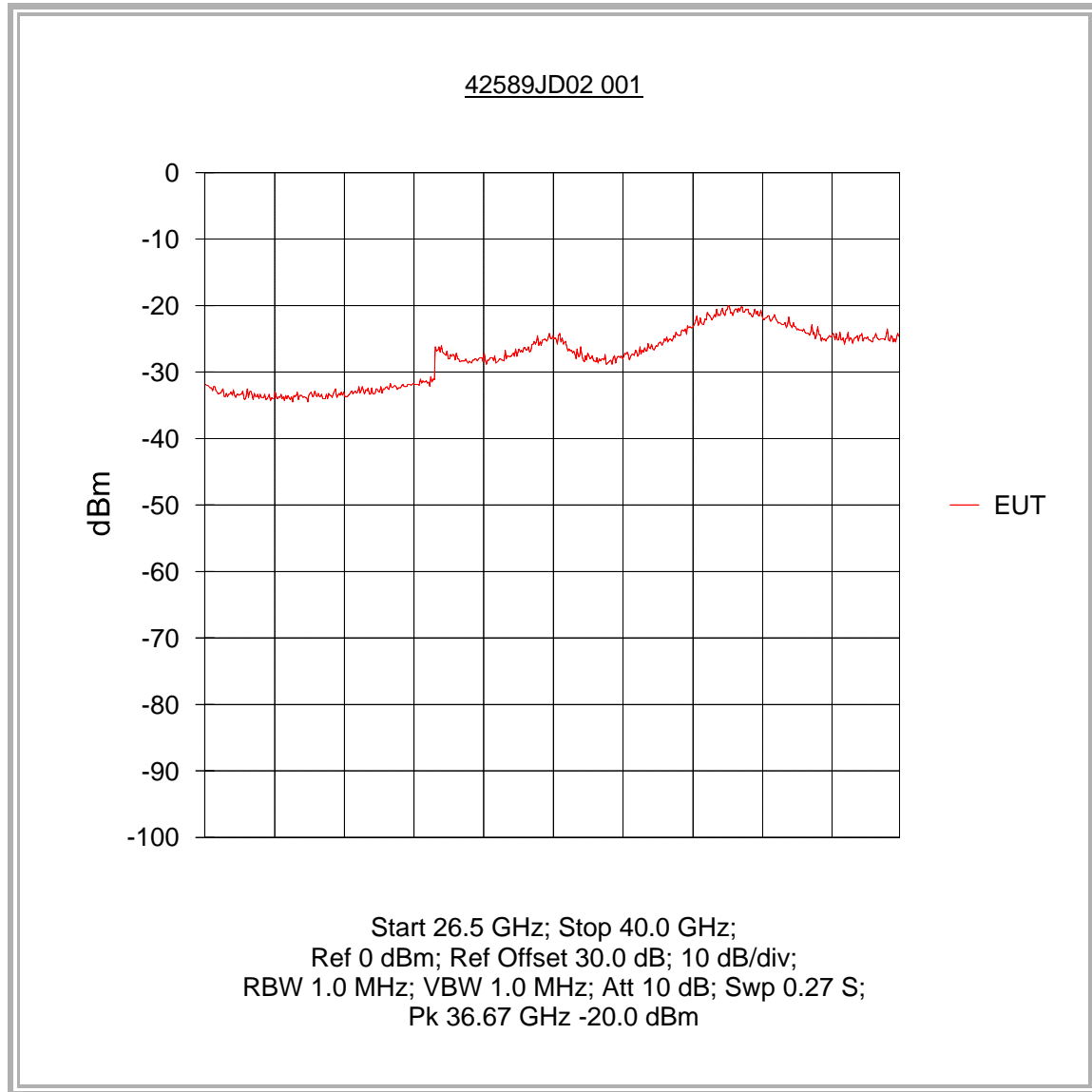
Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

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Conformance Testing Department

Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

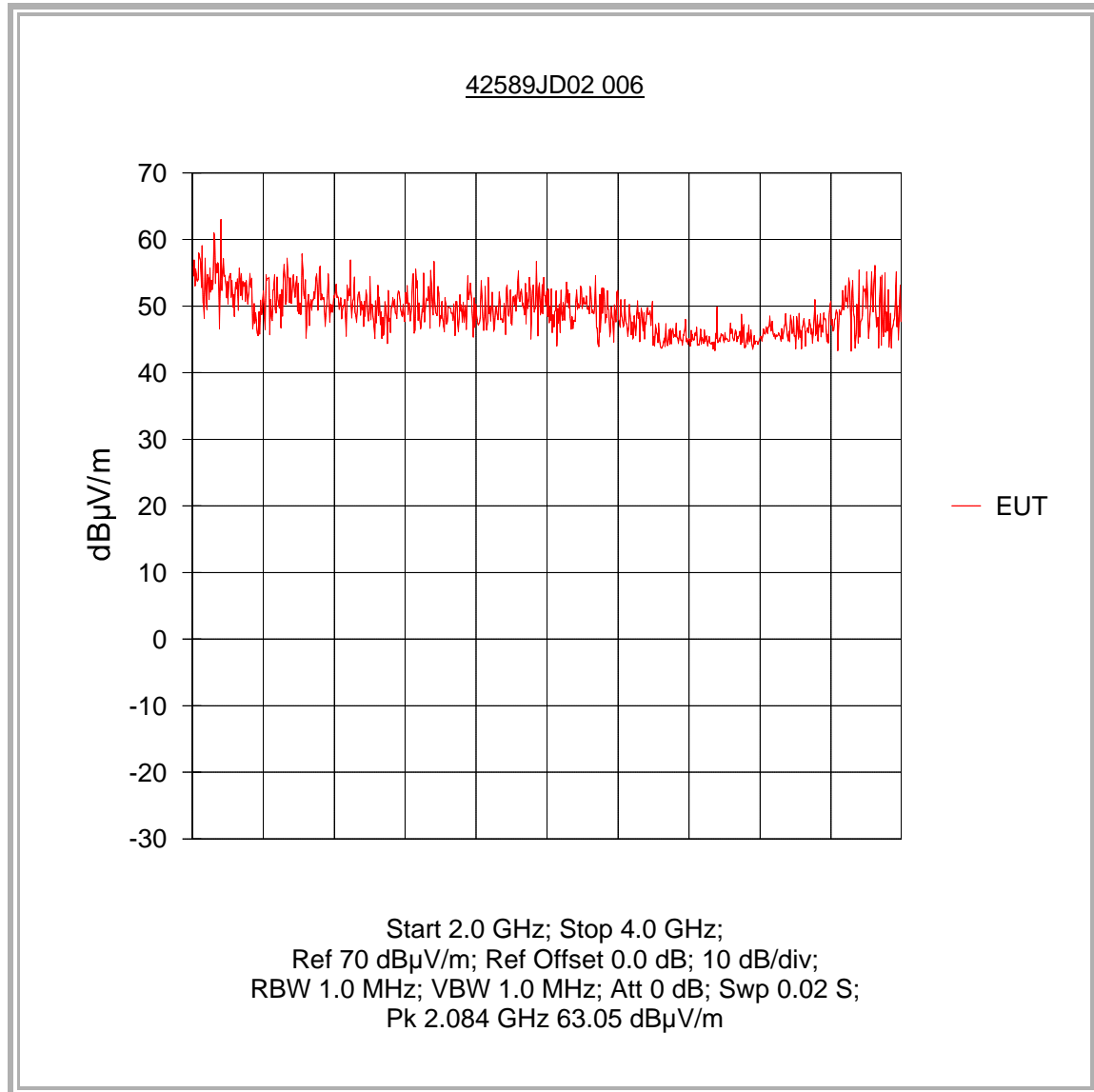
42589JD02 001 Conducted Antenna Port Emissions
26.50 to 40.00GHz, 450ns Pulse Width



Conformance Testing Department

Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

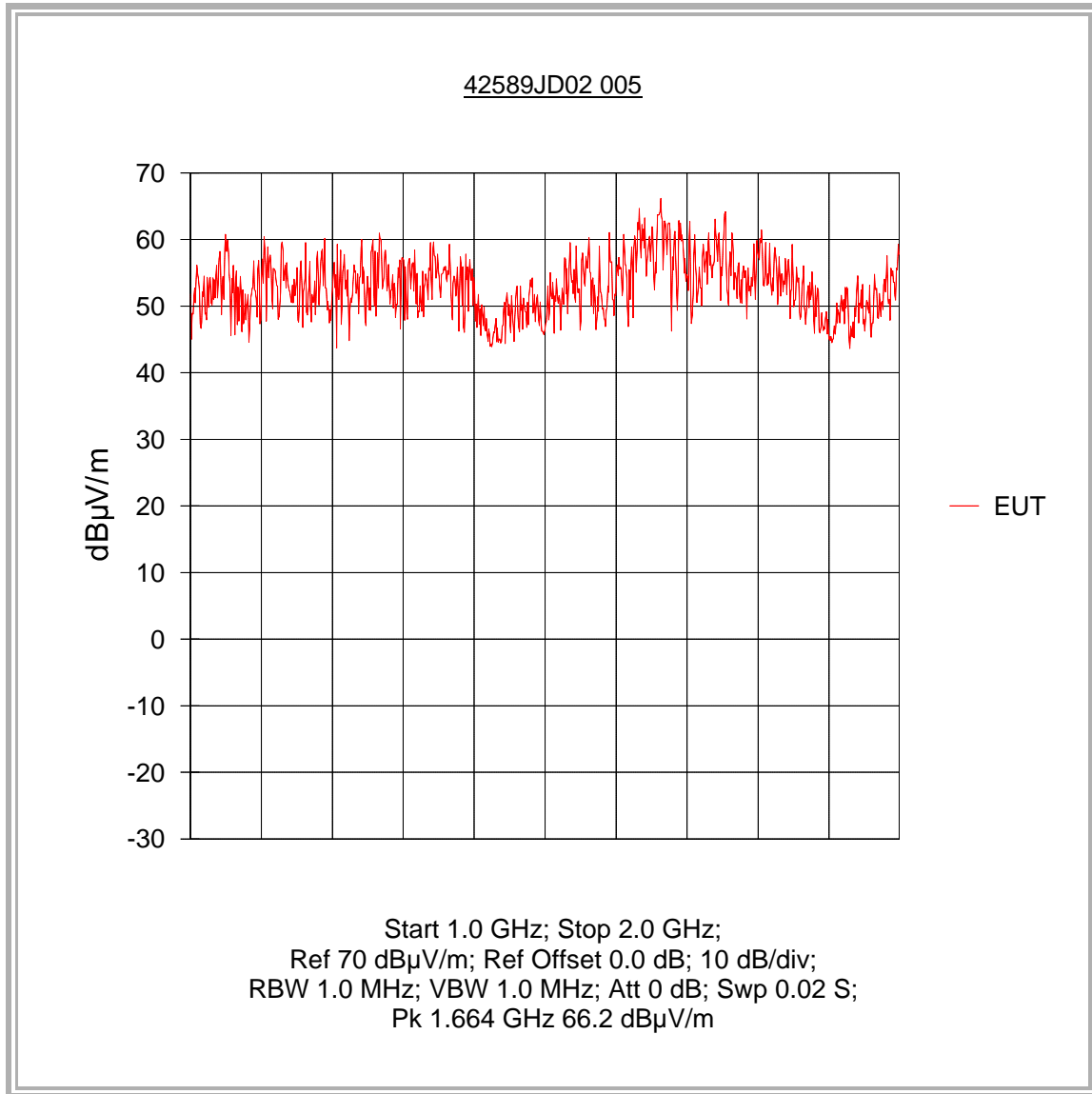
42589JD02 006 Radiated Emissions
2.000GHz to 4.000GHz, 450ns Pulse Width



Conformance Testing Department

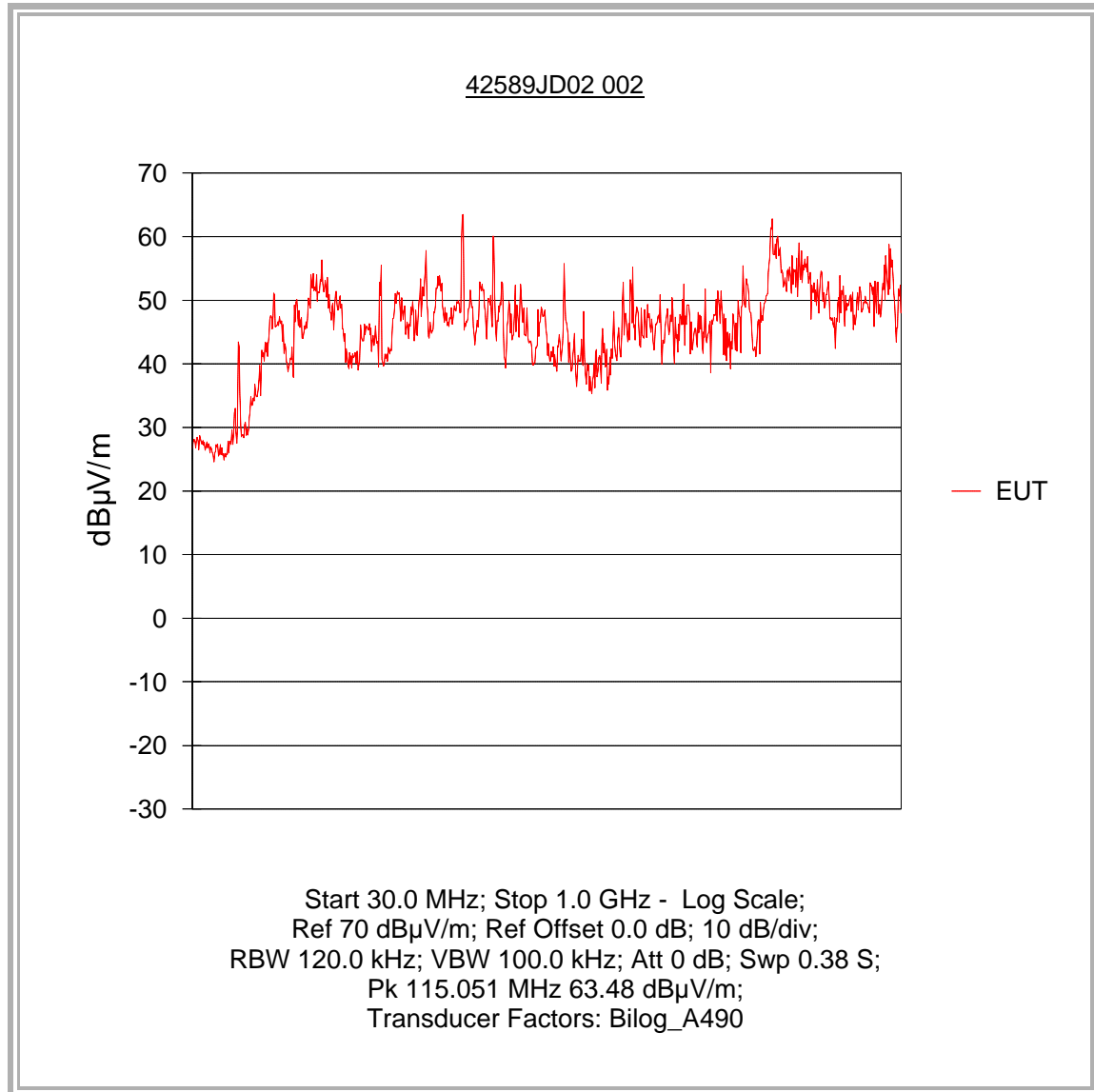
**Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998**

**42589JD02 005 Radiated Emissions
1.000GHz to 2.000GHz, 450ns Pulse Width**



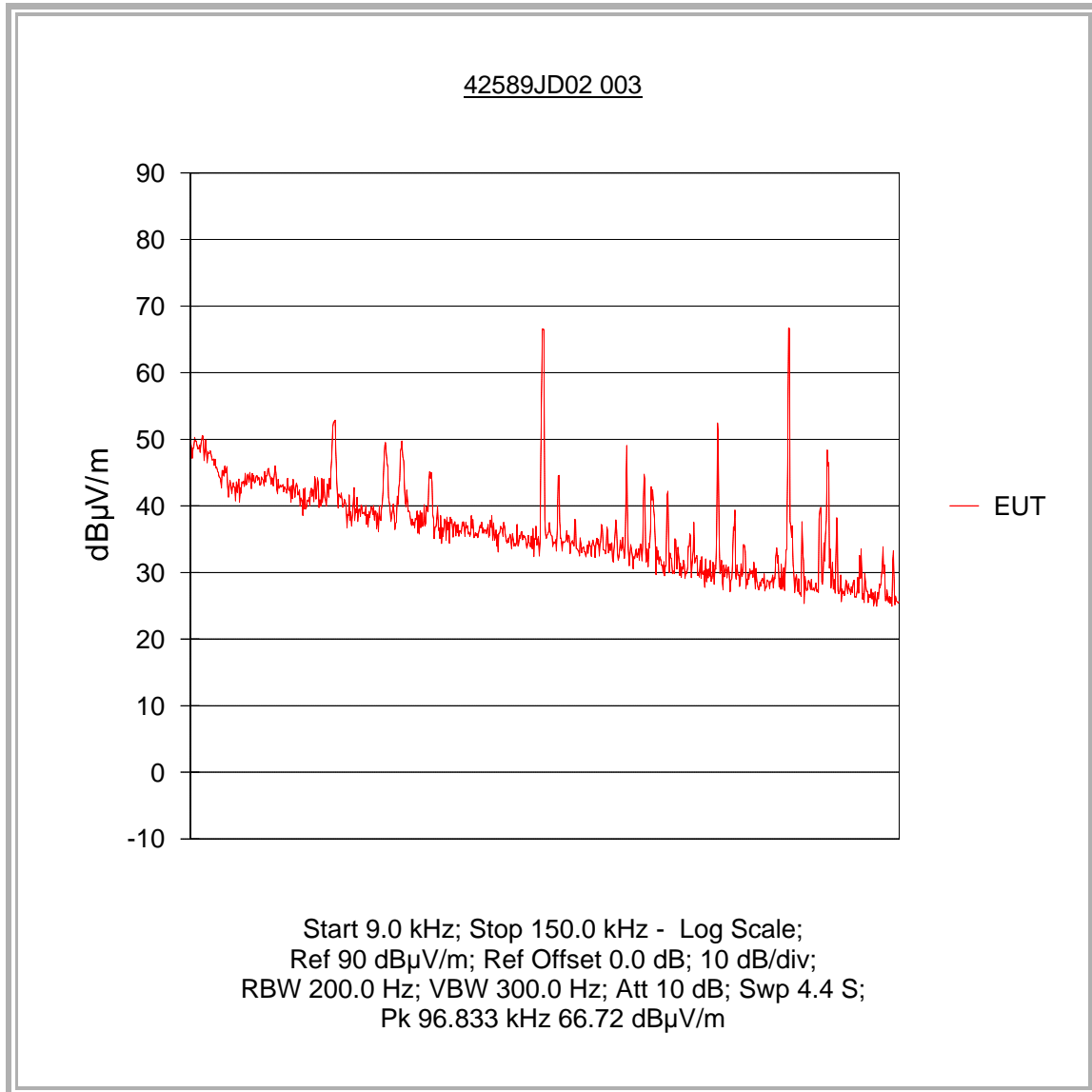
Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

42589JD02 002 Radiated Emissions
30.000MHz to 1.000GHz, 450ns Pulse Width



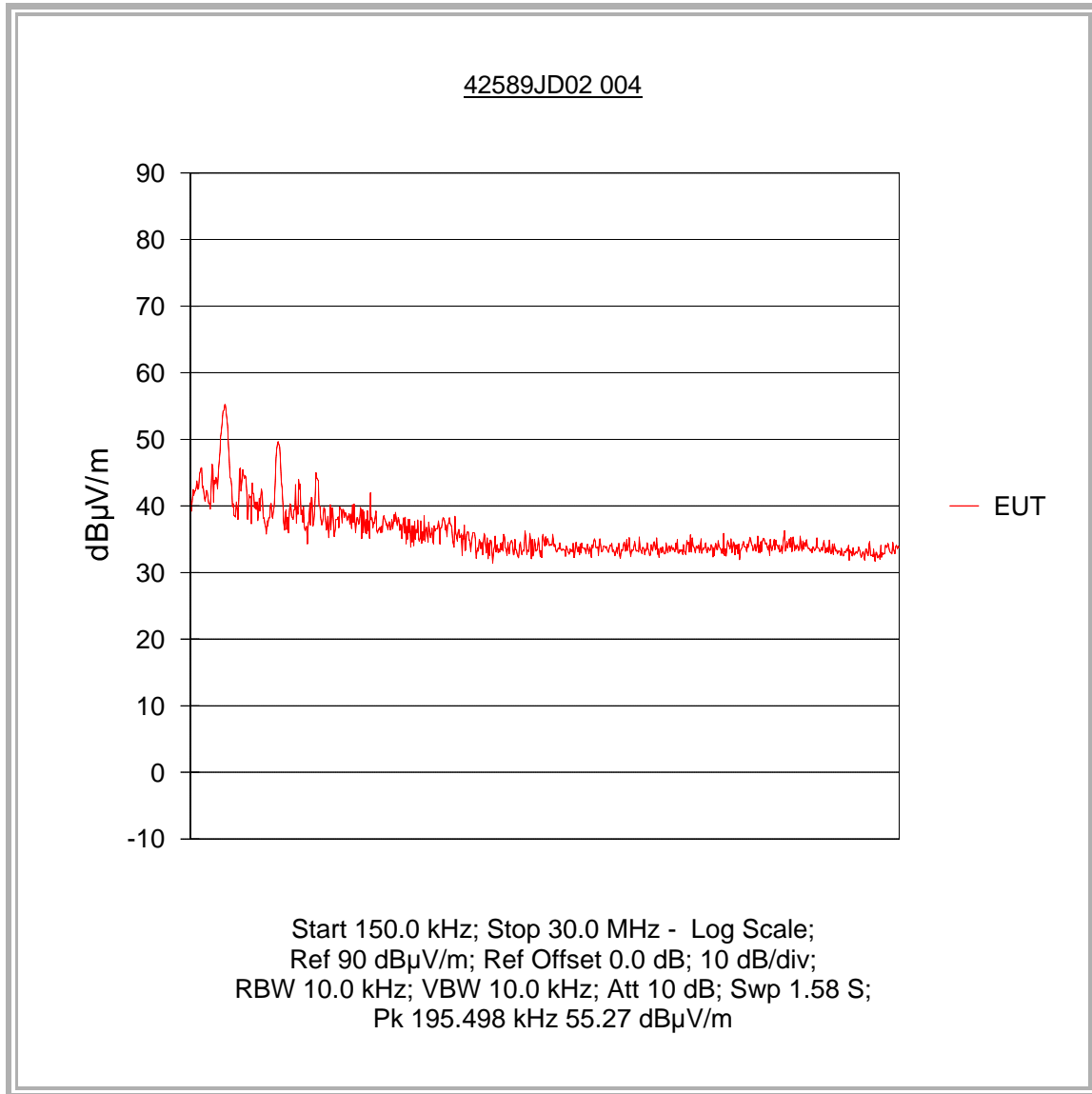
Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

42589JD02 003 Radiated Emissions
9.000kHz to 150.000GHz, 450ns Pulse Width



Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

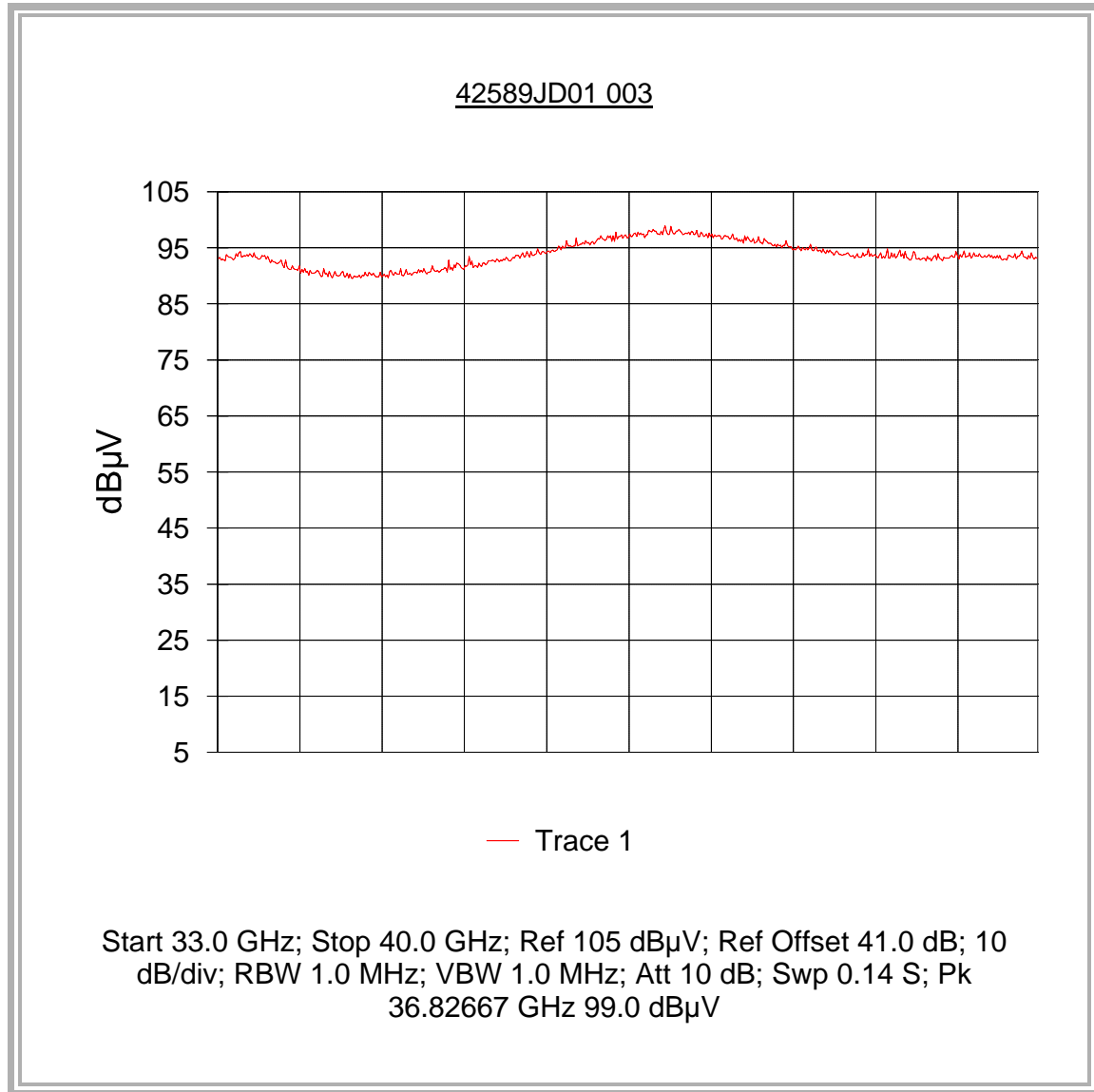
42589JD02 004 Radiated Emissions
150.000kHz to 30.000GHz, 450ns Pulse Width



Conformance Testing Department

**Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998**

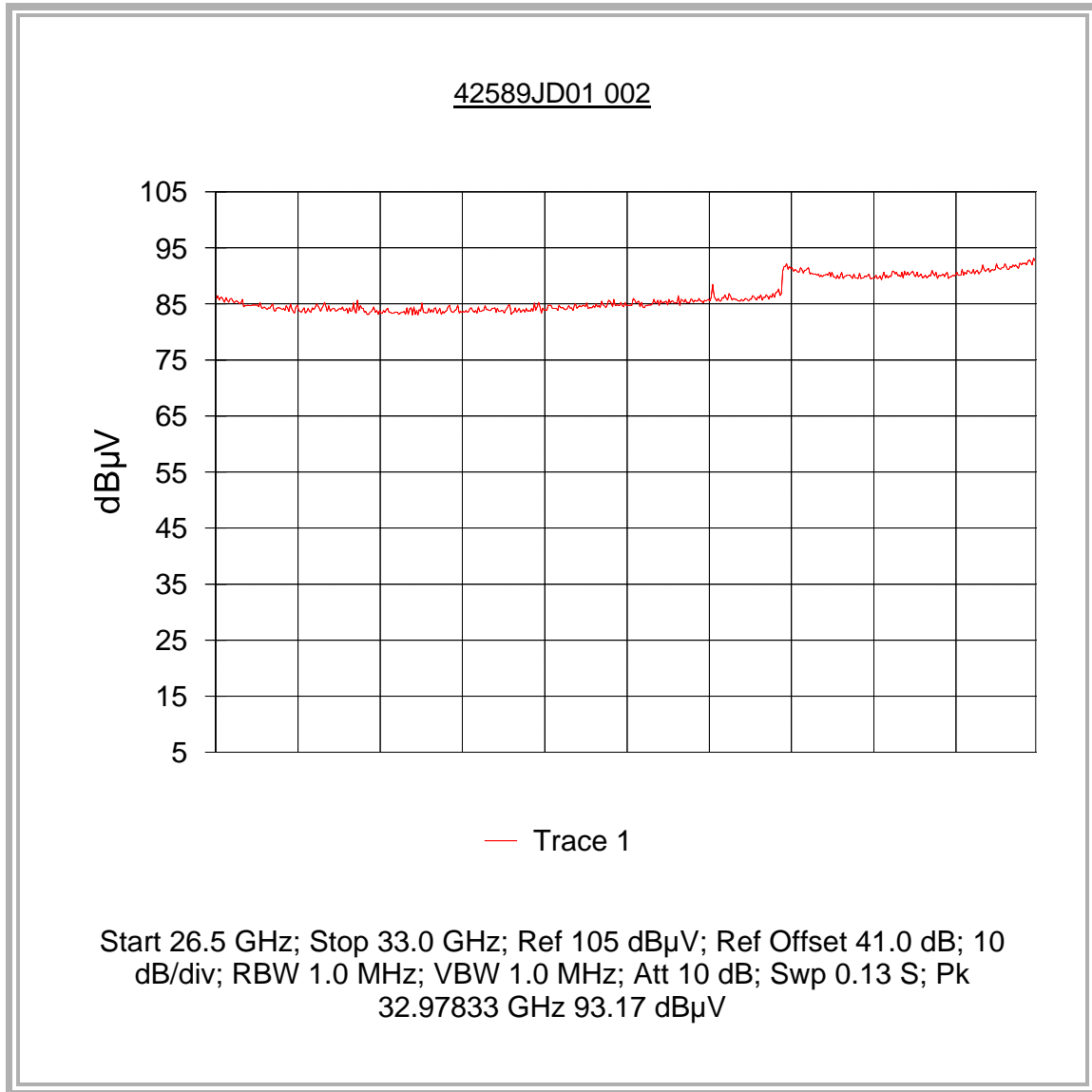
**42589JD01 003b Radiated Emissions
33.000GHz to 40.000GHz, 450ns Pulse Width**



Conformance Testing Department

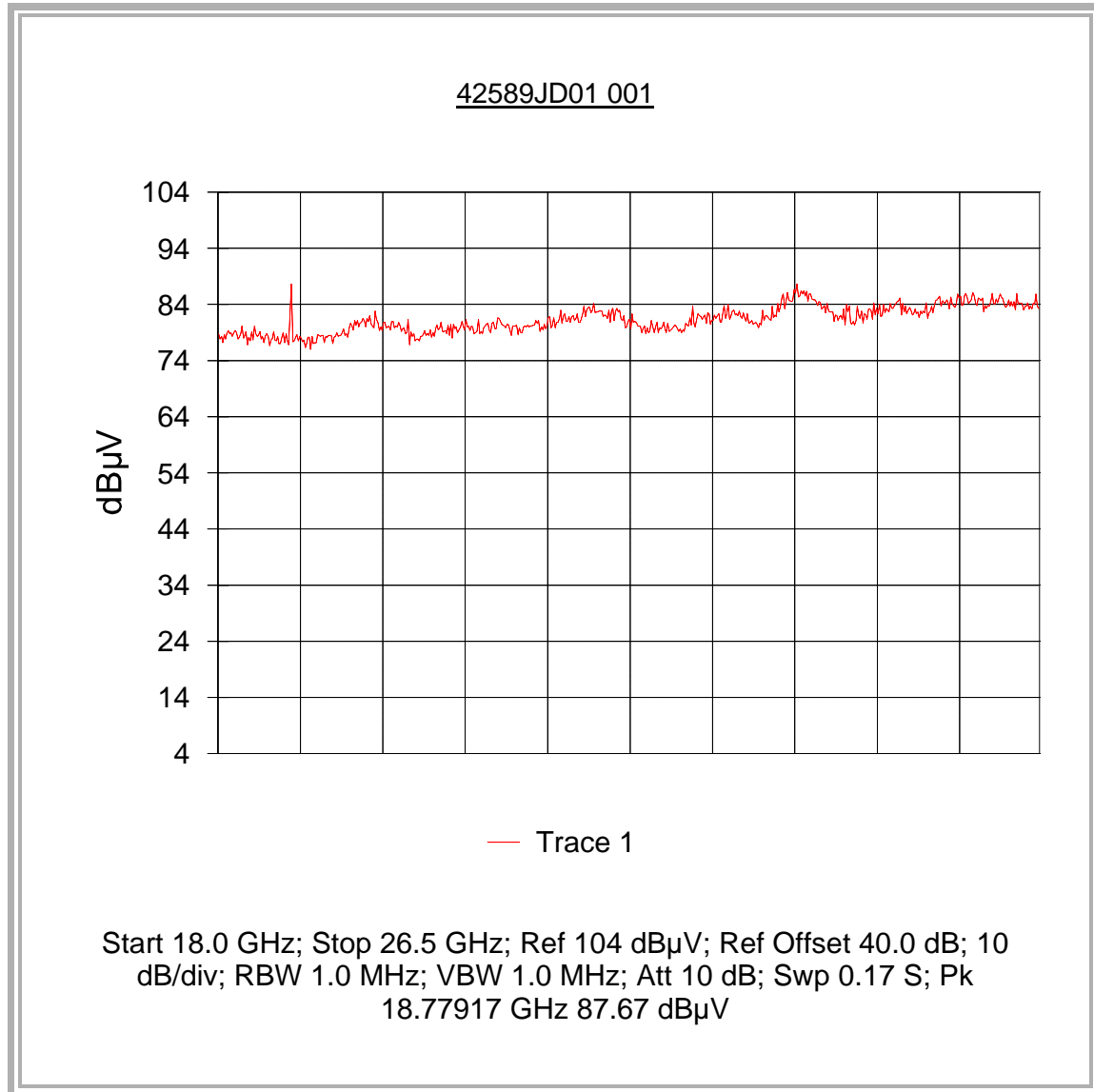
**Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998**

**42589JD01 002b Radiated Emissions
26.500GHz to 33.000GHz, 450ns Pulse Width**



Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

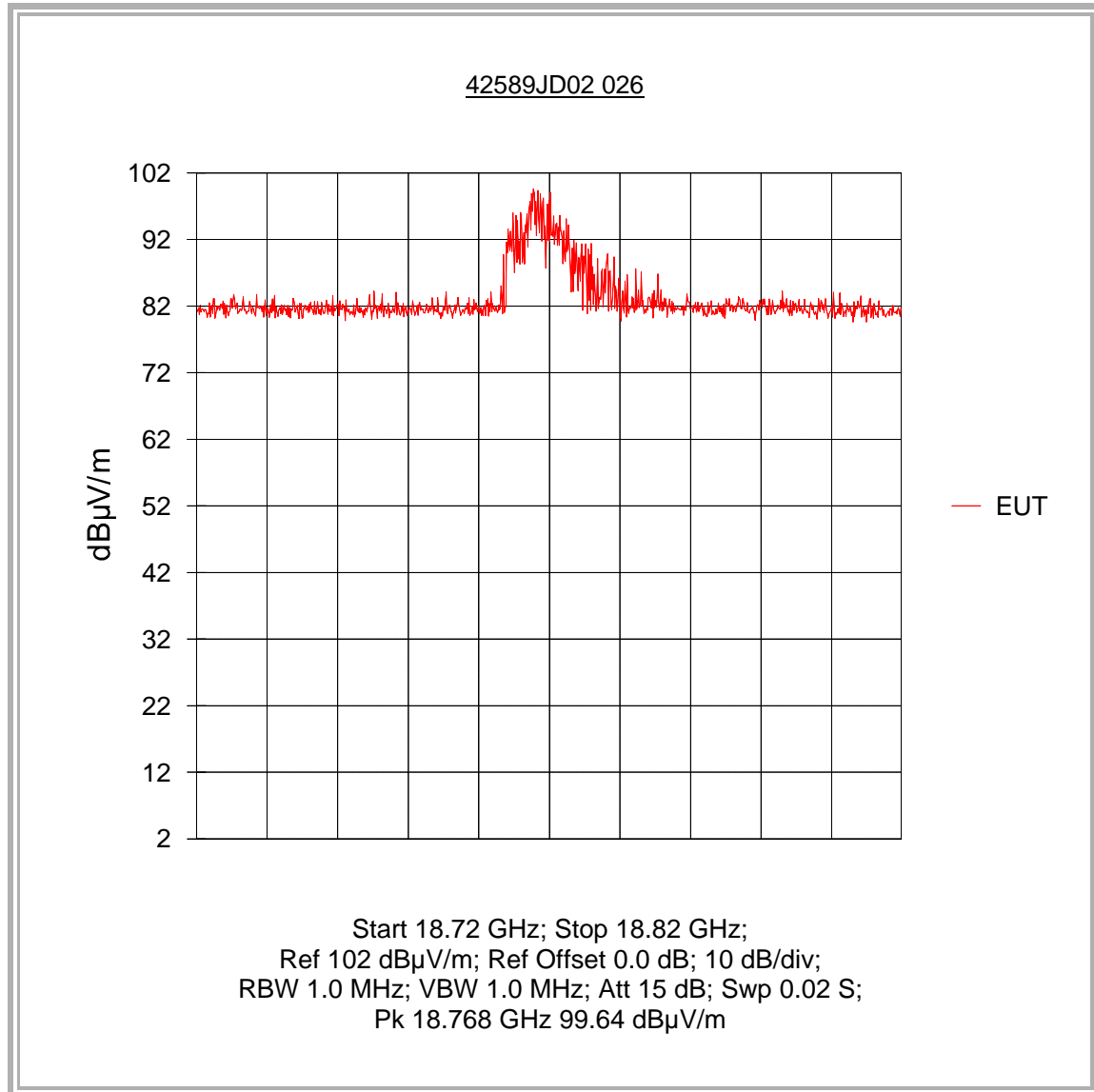
42589JD01 001b Radiated Emissions
18.000GHz to 26.500GHz, 450ns Pulse Width



Conformance Testing Department

Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

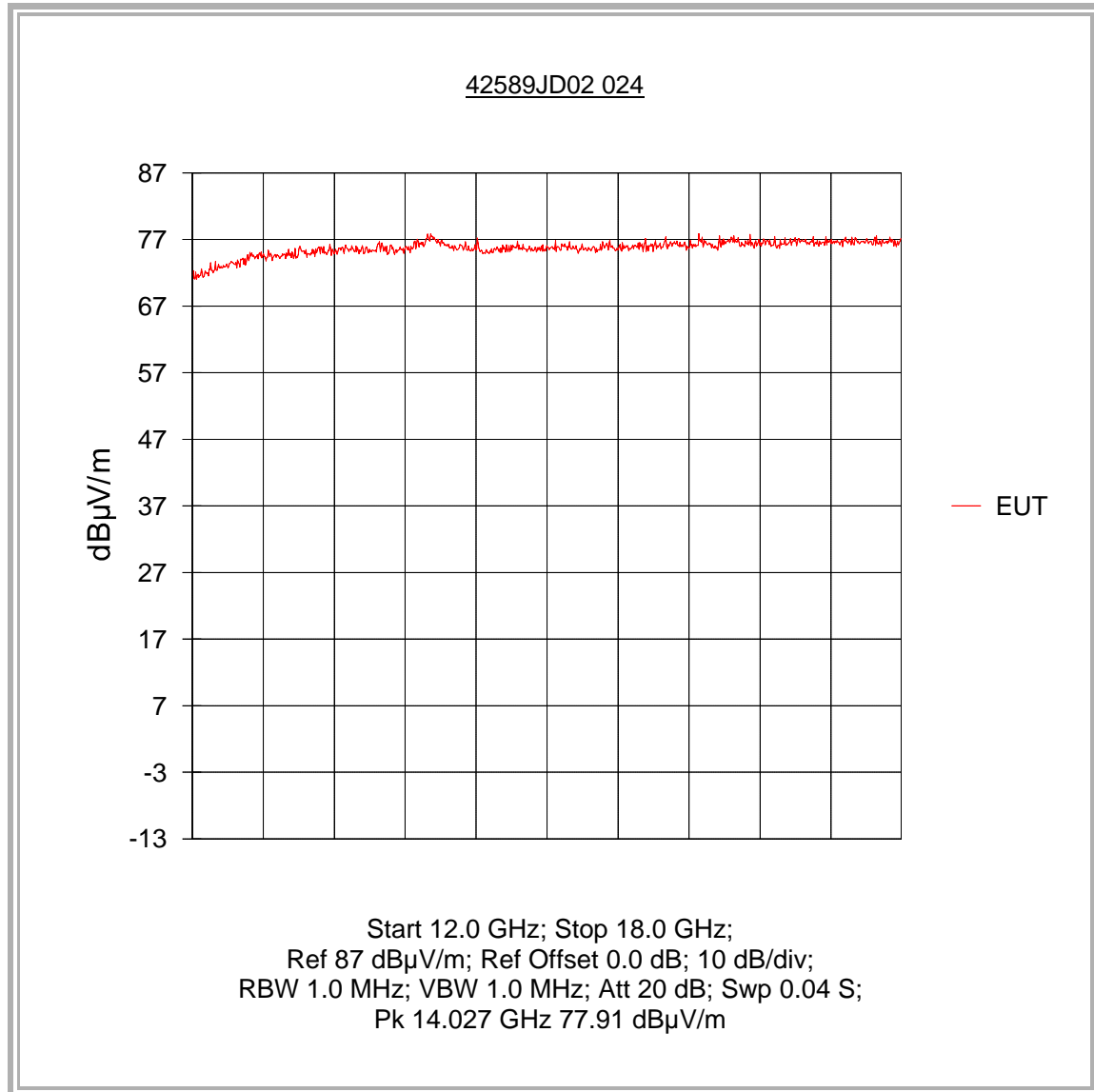
42589JD02 026 Radiated Emissions
18.768GHz, 450ns Pulse Width



Conformance Testing Department

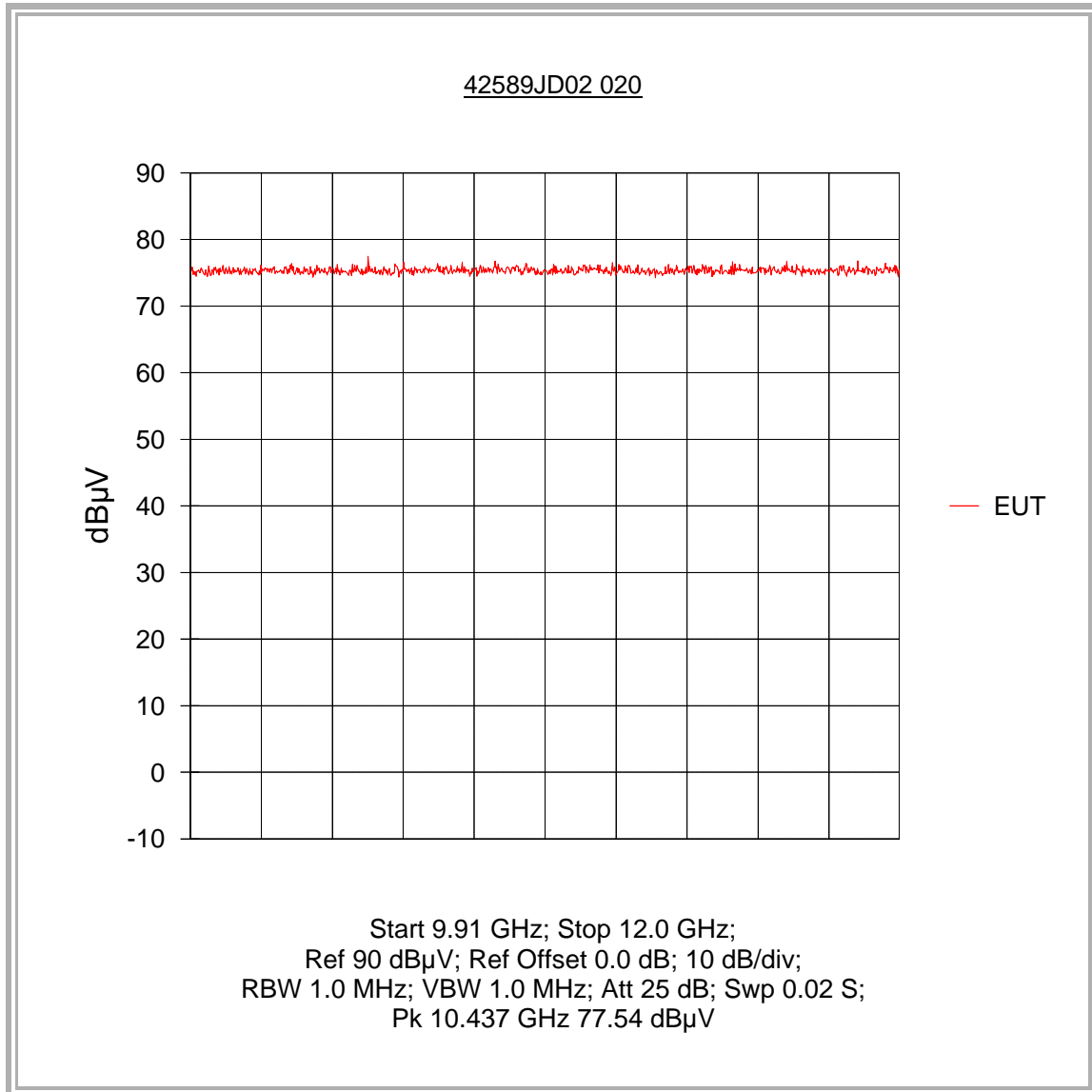
Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

42589JD02 024 Radiated Emissions
12.000GHz to 18.000GHz, 450ns Pulse Width



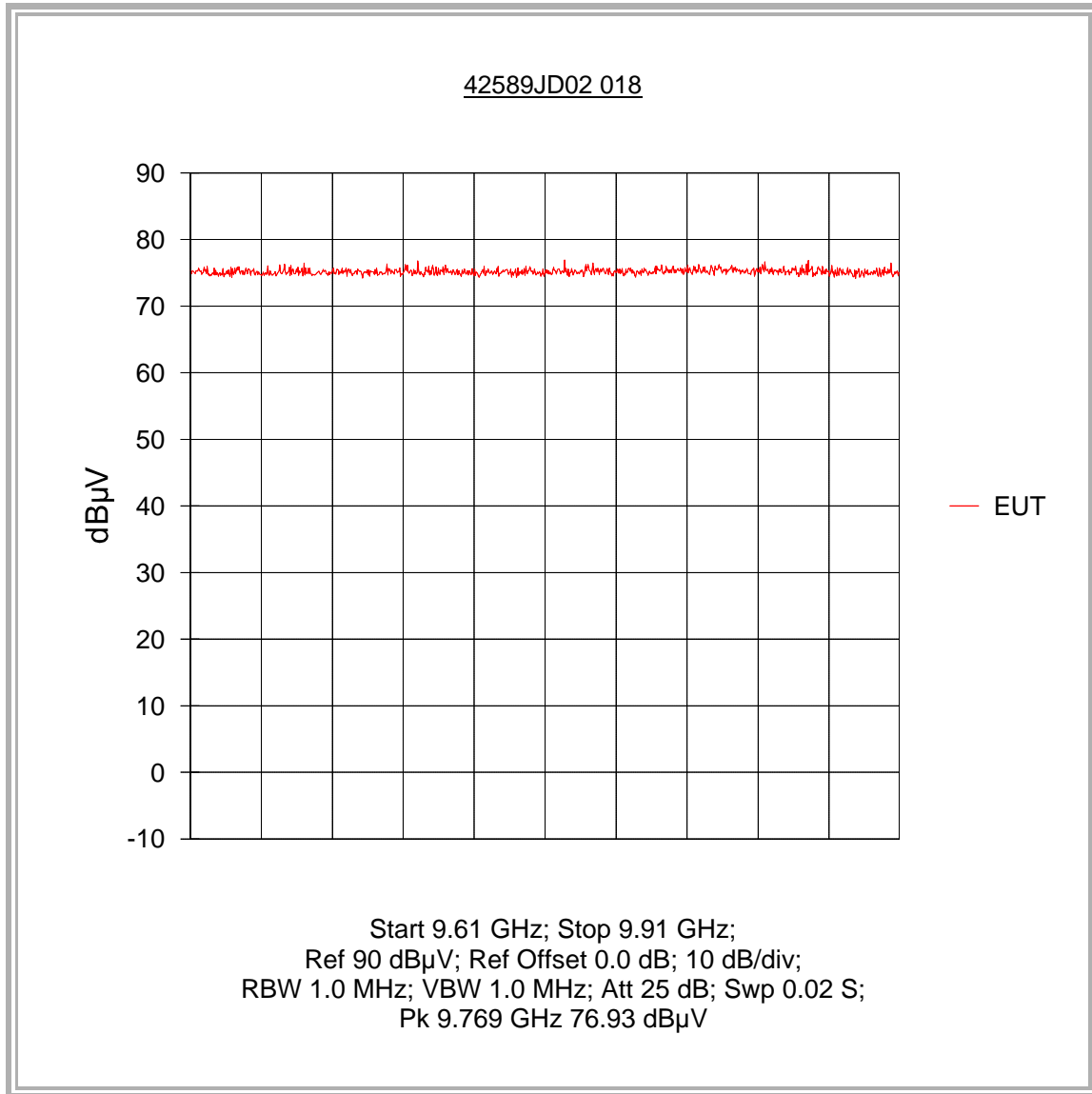
Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

42589JD02 020 Radiated Emissions
9.910GHz to 12.000GHz, 450ns Pulse Width



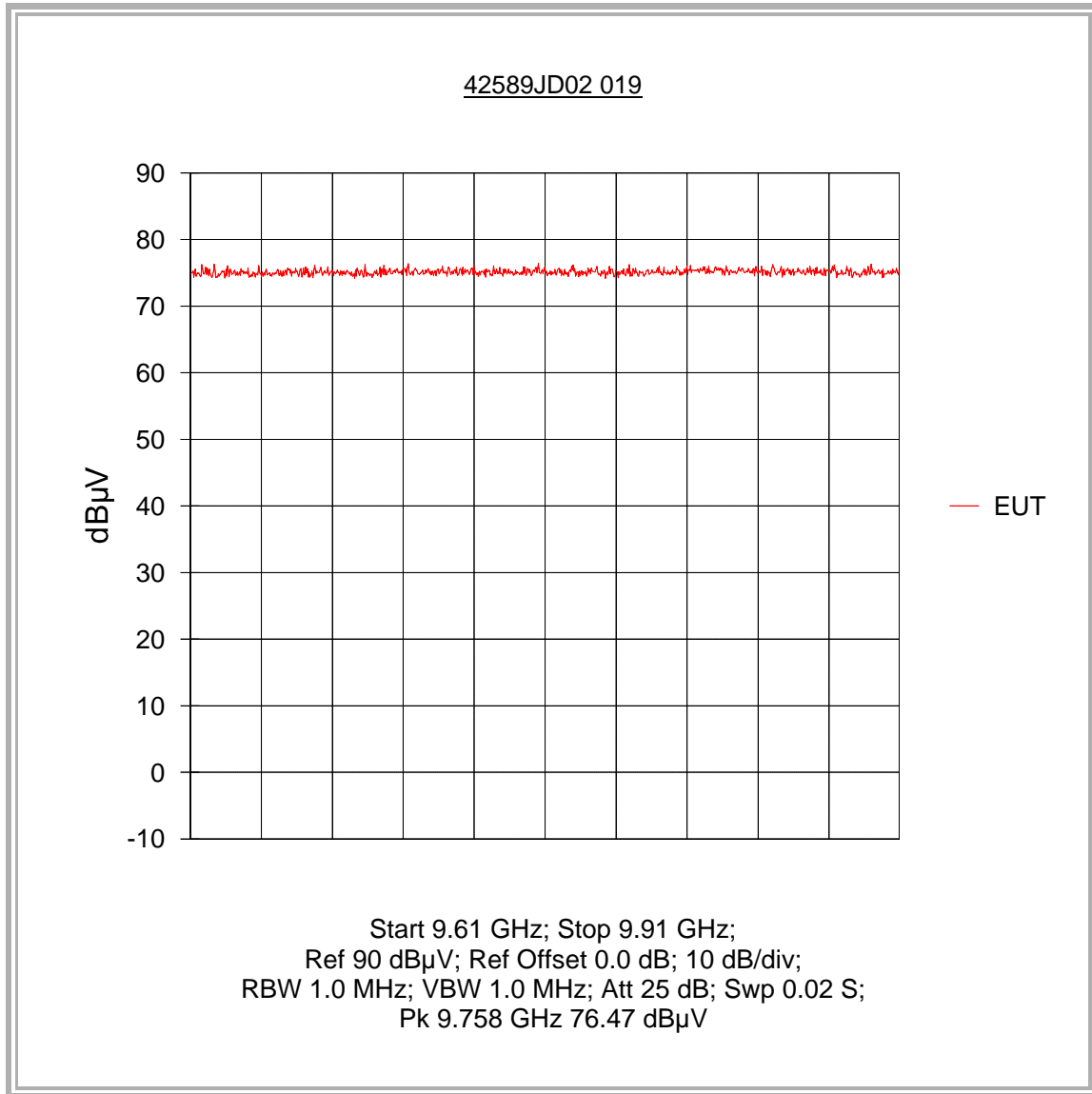
Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

42589JD02 018 Radiated Emissions
9.610GHz to 9.910GHz, 450ns Pulse Width



Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

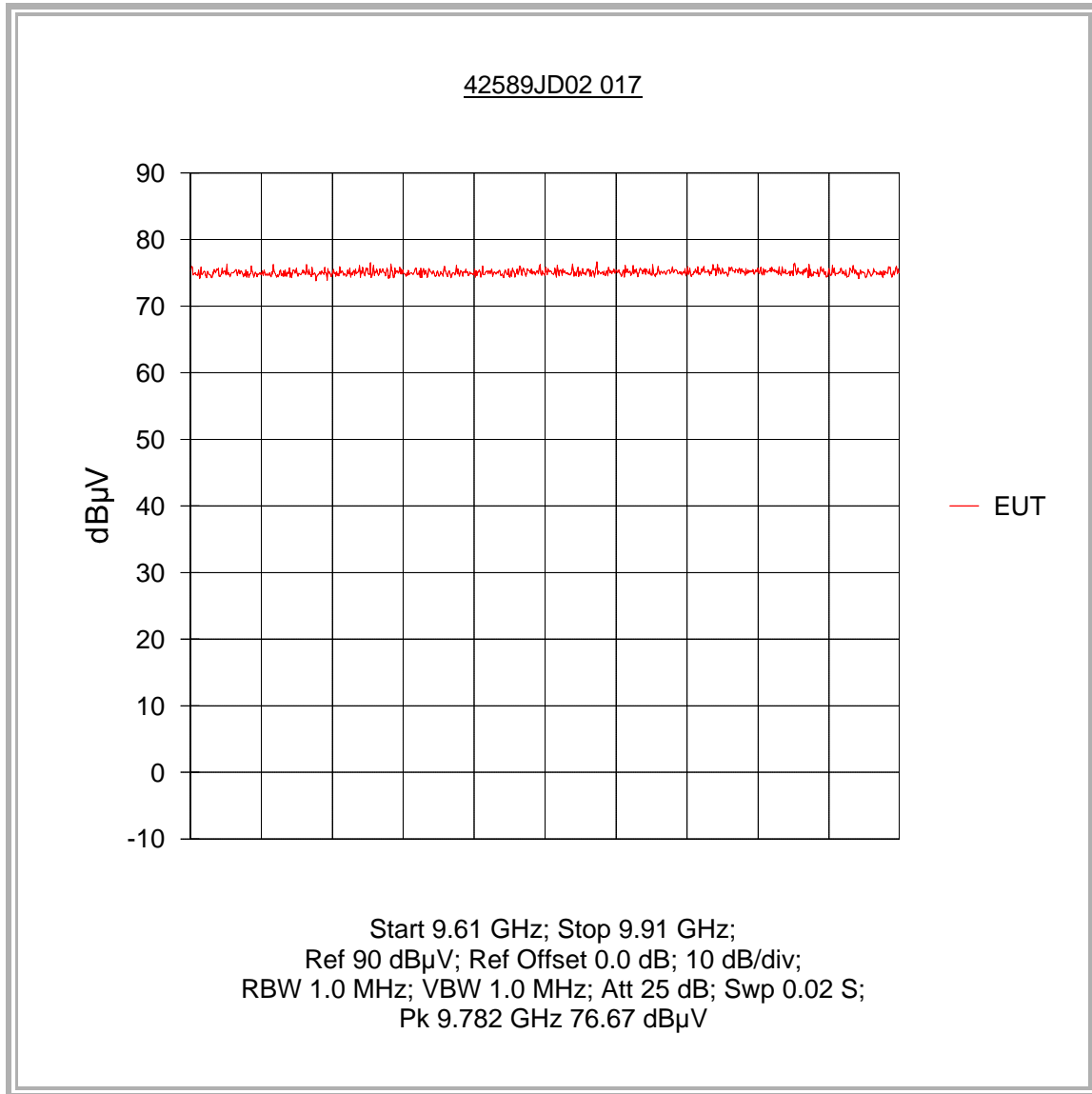
42589JD02 019 Radiated Emissions
9.610GHz to 9.910GHz, 6.5ns Pulse Width



Conformance Testing Department

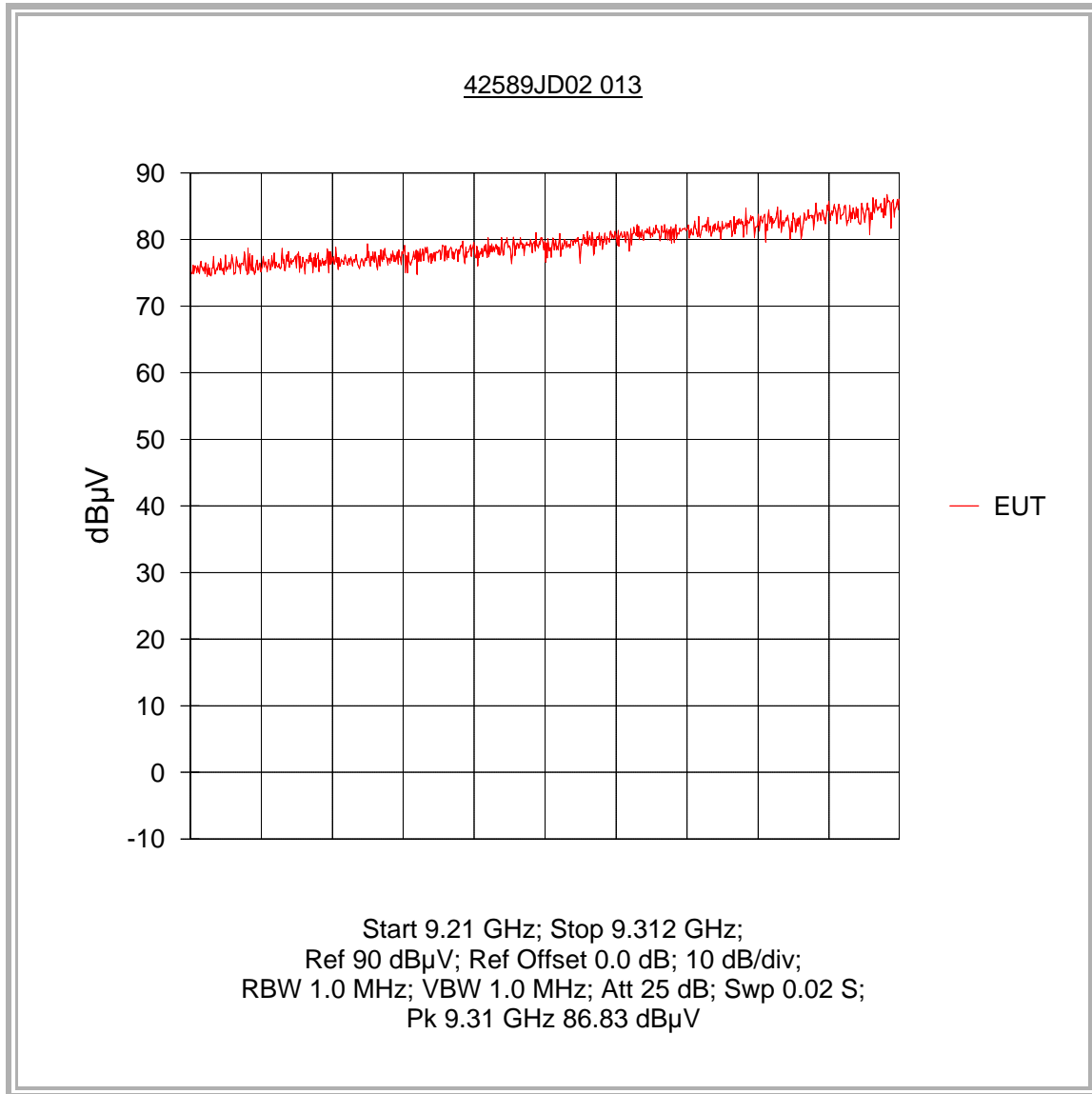
Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

42589JD02 017 Radiated Emissions
9.610GHz to 9.910GHz, 1000ns Pulse Width



Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

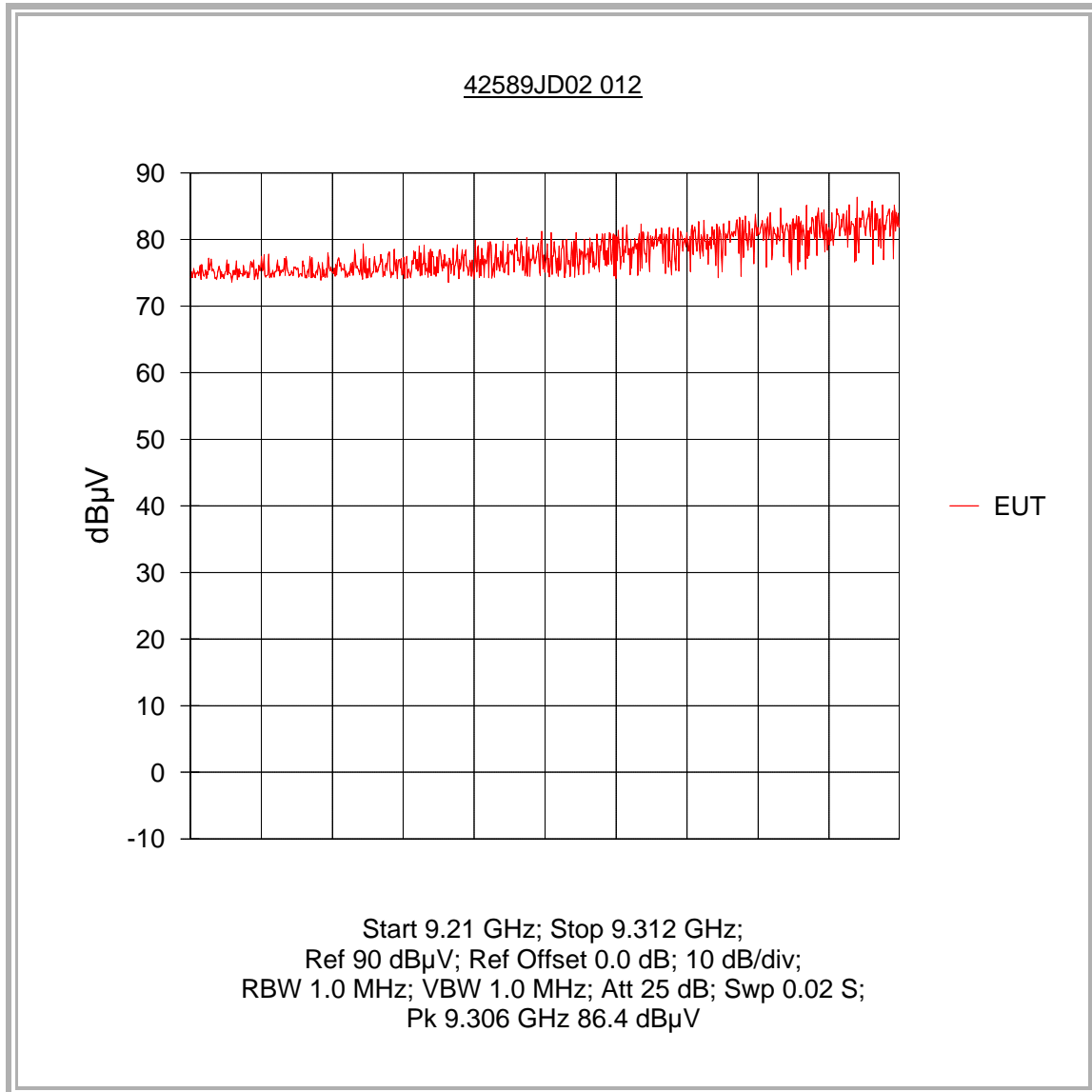
42589JD02 013 Radiated Emissions
9.210GHz to 9.312GHz, 6.5ns Pulse Width



Conformance Testing Department

**Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998**

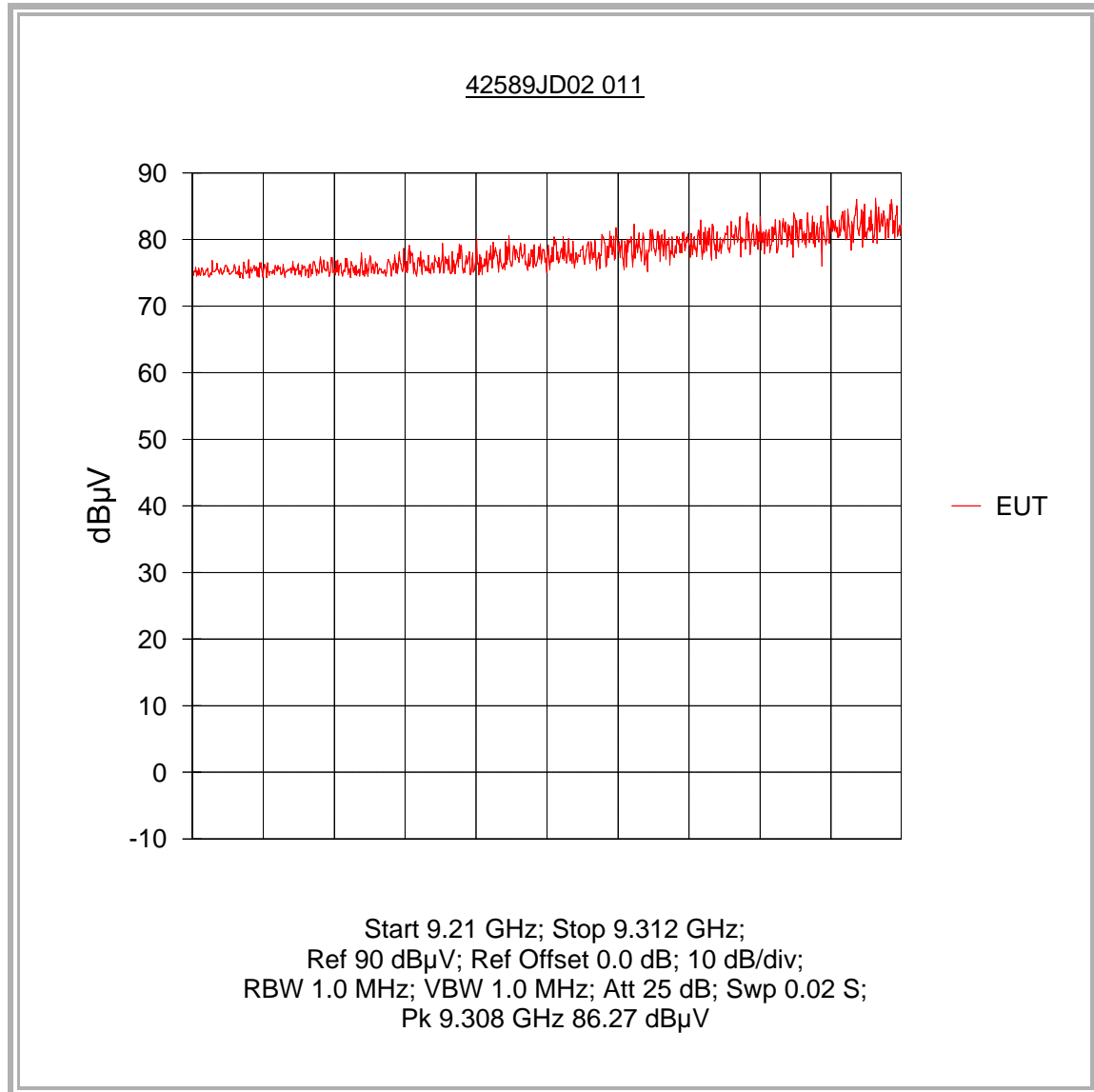
**42589JD02 012 Radiated Emissions
9.610GHz to 9.910GHz, 450ns Pulse Width**



Conformance Testing Department

**Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998**

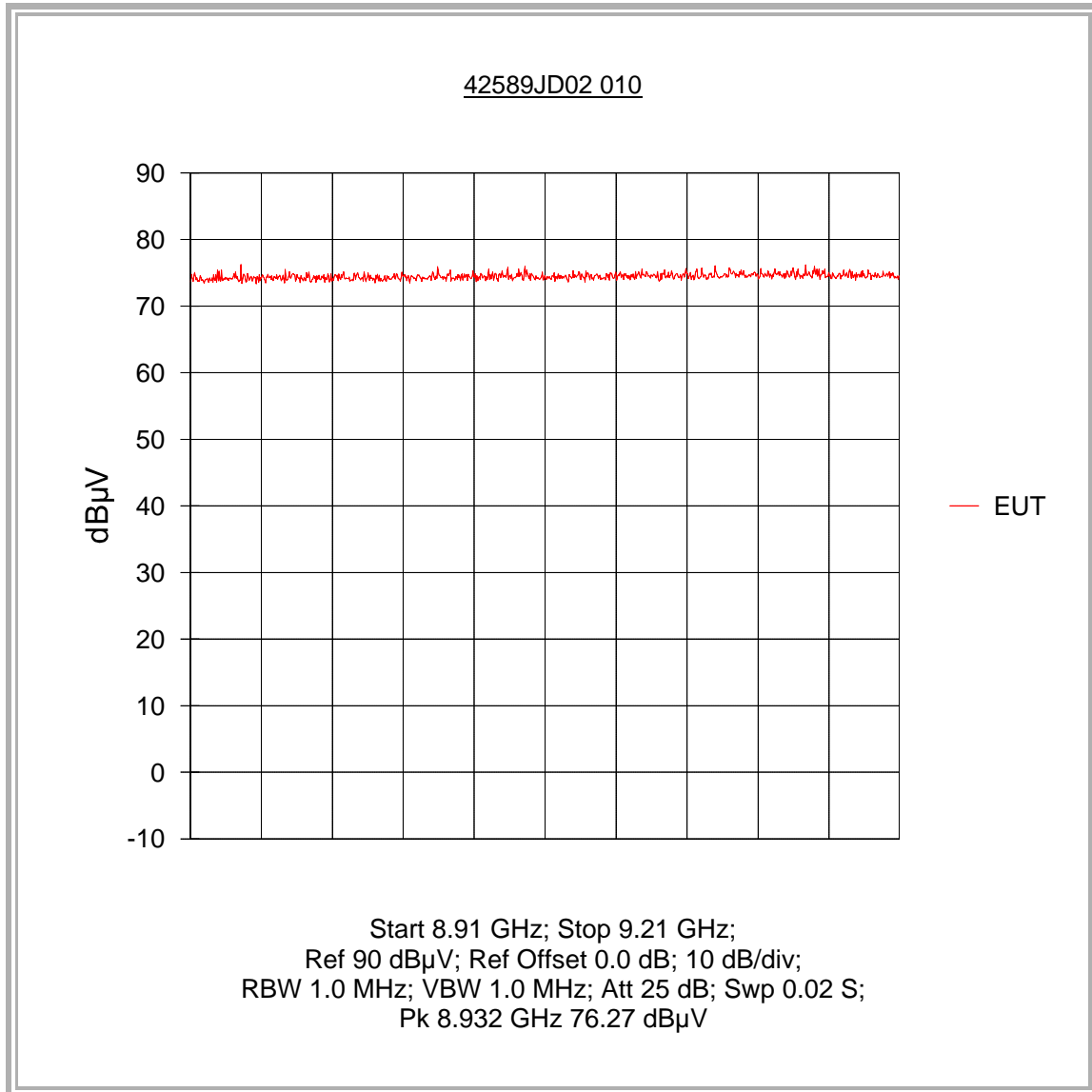
**42589JD02 011 Radiated Emissions
9.610GHz to 9.910GHz, 1000ns Pulse Width**



Conformance Testing Department

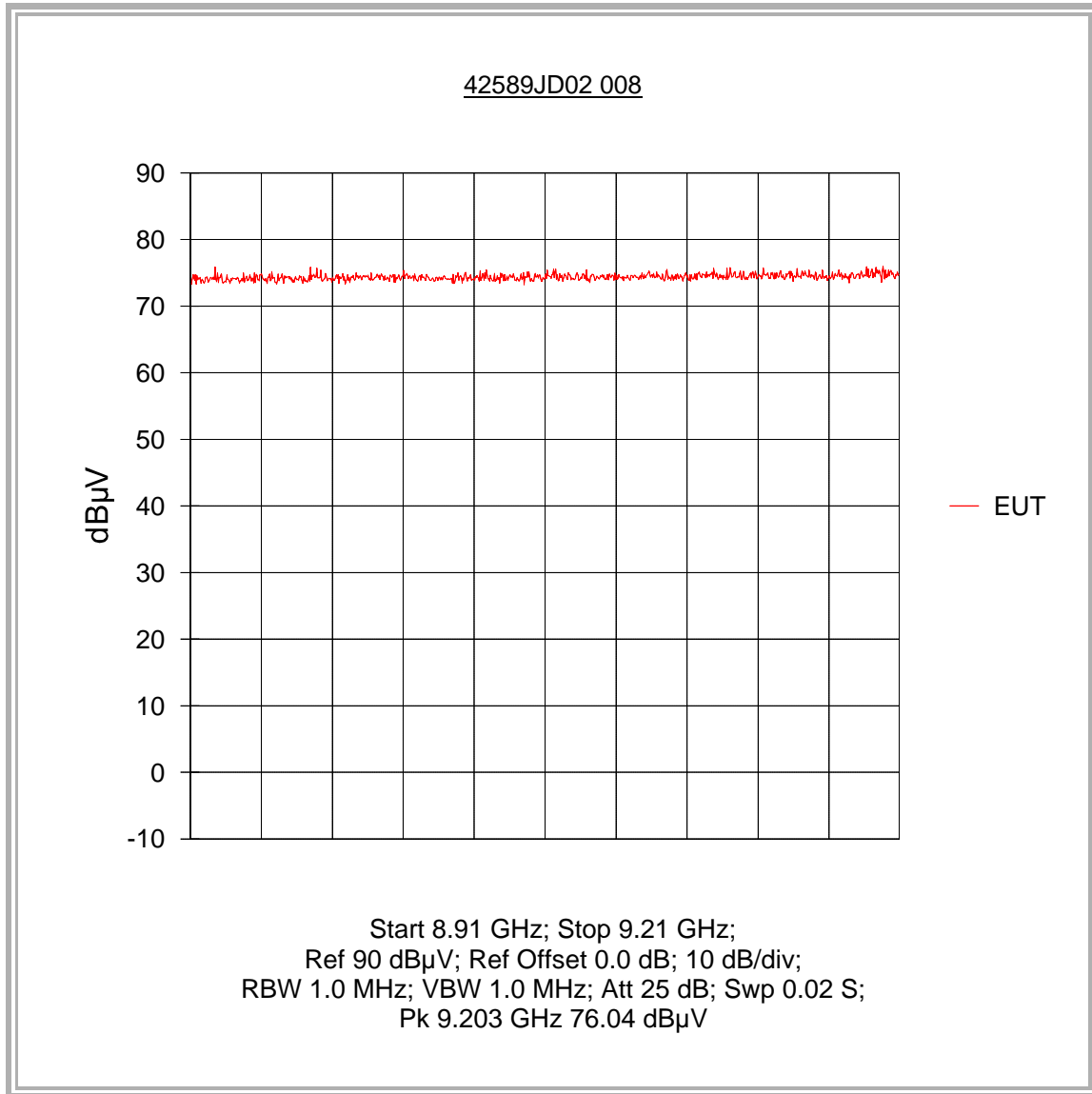
**Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998**

**42589JD02 010 Radiated Emissions
8.910GHz to 9.210GHz, 1000ns Pulse Width**



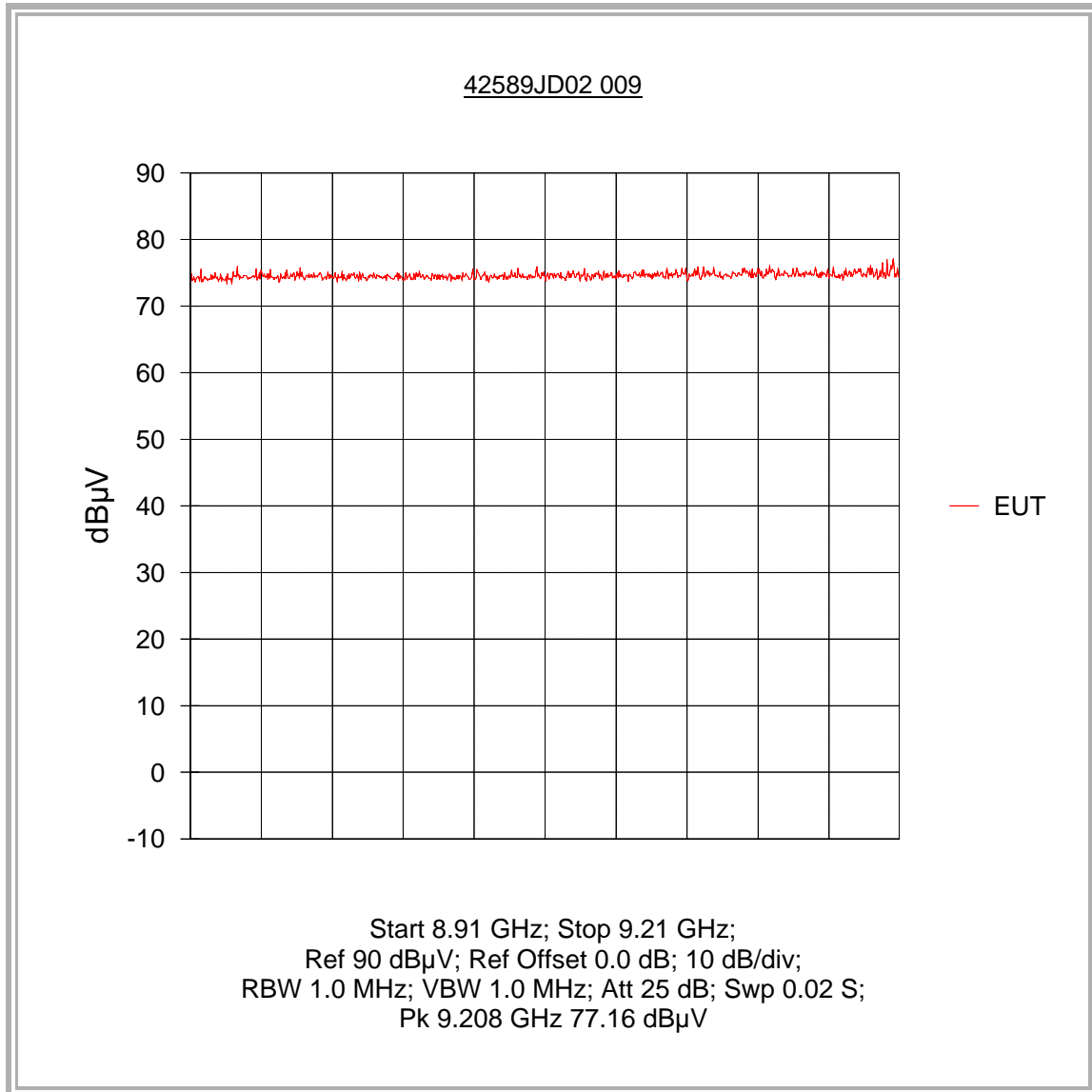
**Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner**
To: FCC Part 80: 1998 and FCC Part 2: 1998

42589JD02 008 Radiated Emissions
8.910GHz to 9.210GHz, 450ns Pulse Width



**Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998**

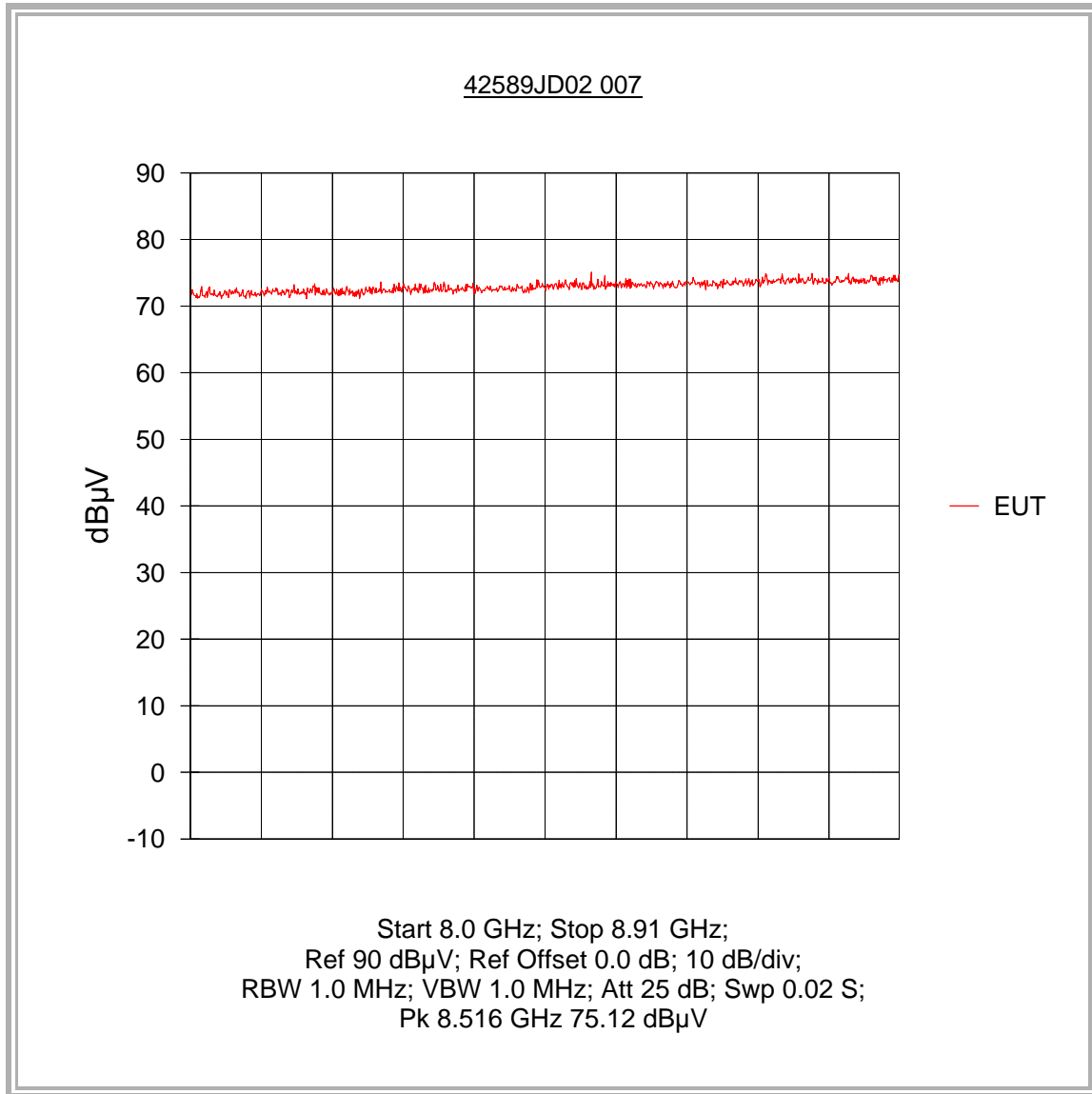
42589JD02 009 Radiated Emissions
8.910GHz to 9.210GHz, 6.5ns Pulse Width



Conformance Testing Department

Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

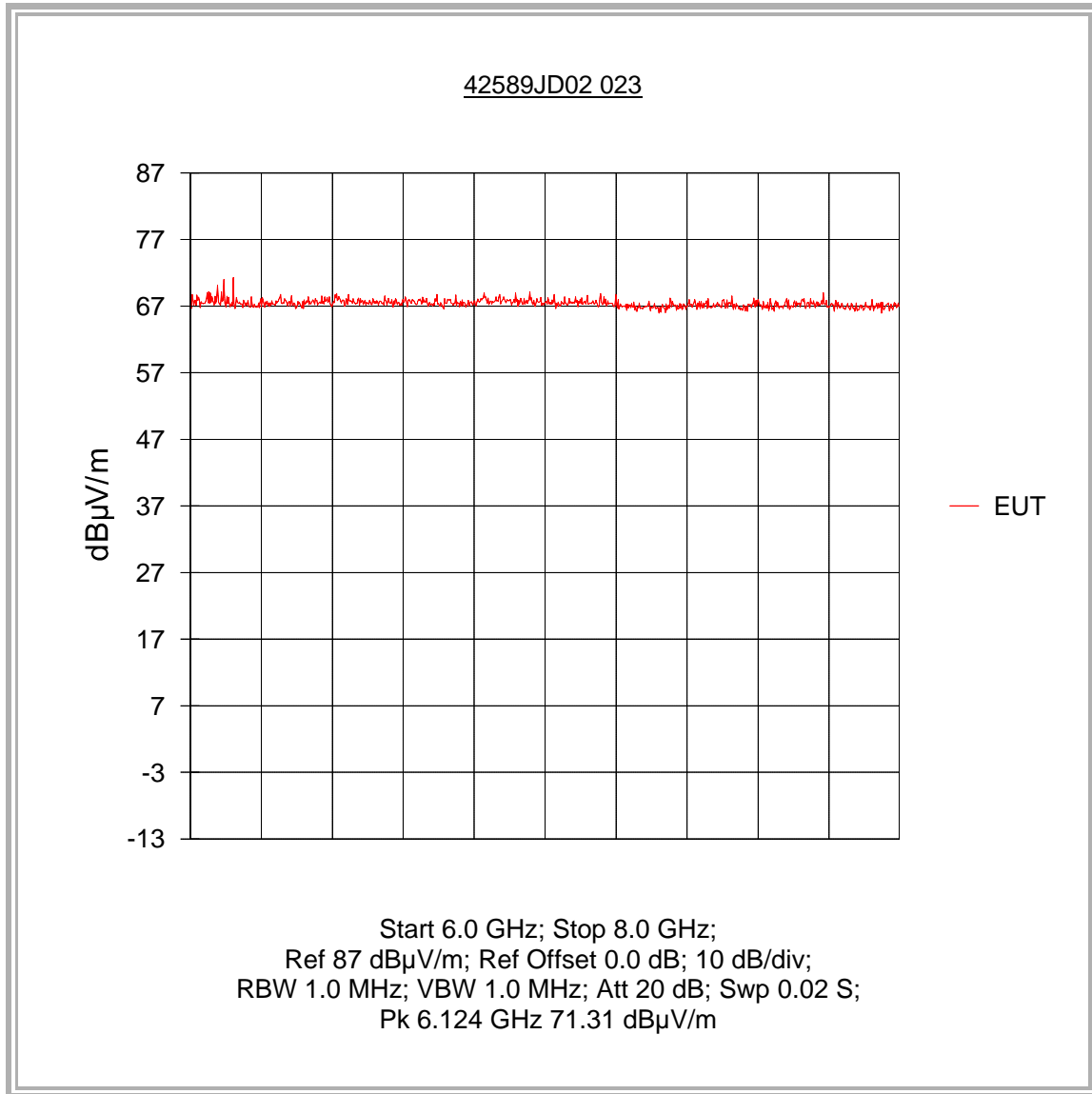
42589JD02 007 Radiated Emissions
8.000GHz to 8.910GHz, 450ns Pulse Width



Conformance Testing Department

**Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998**

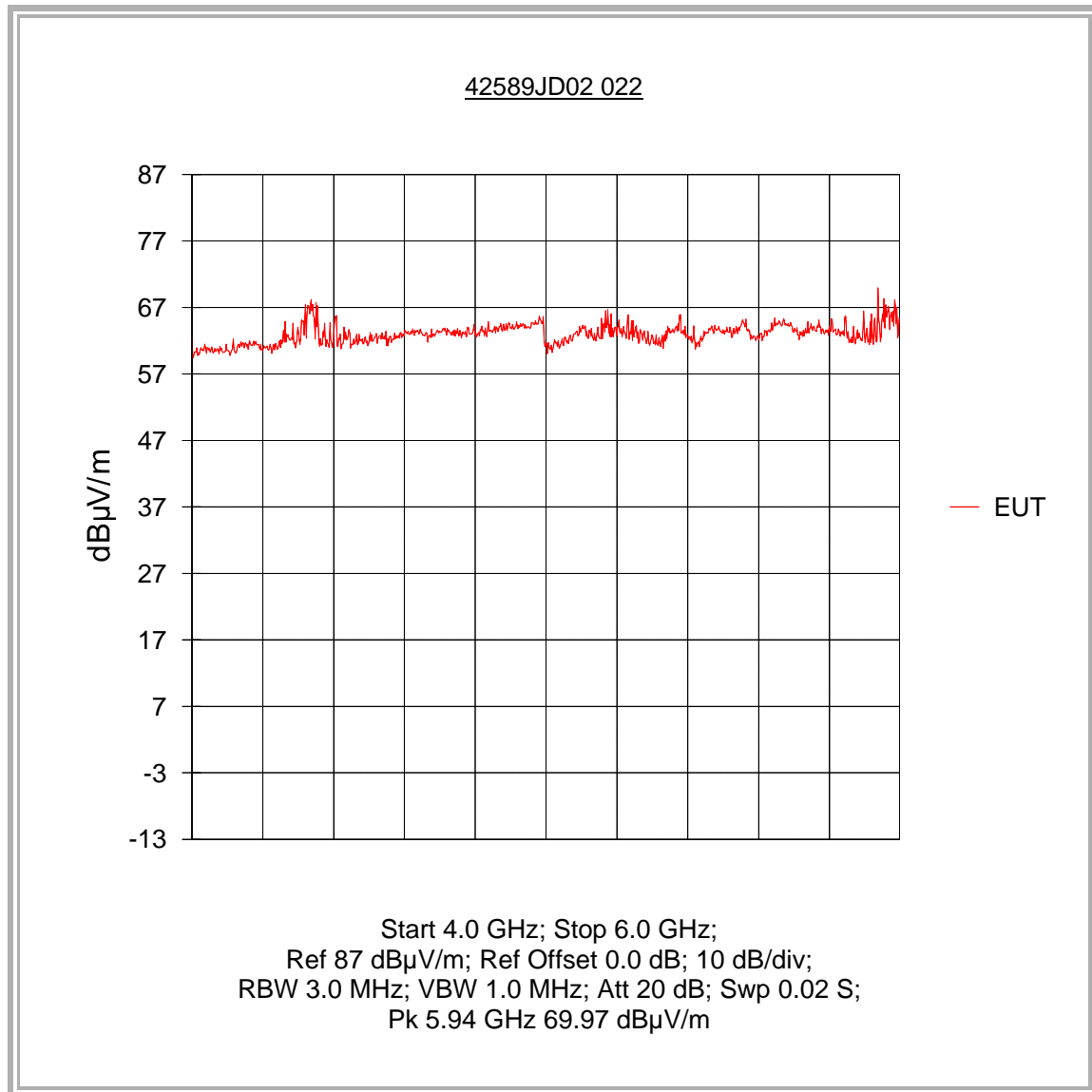
**42589JD02 023 Radiated Emissions
6.000GHz to 8.000GHz, 450ns Pulse Width**



Conformance Testing Department

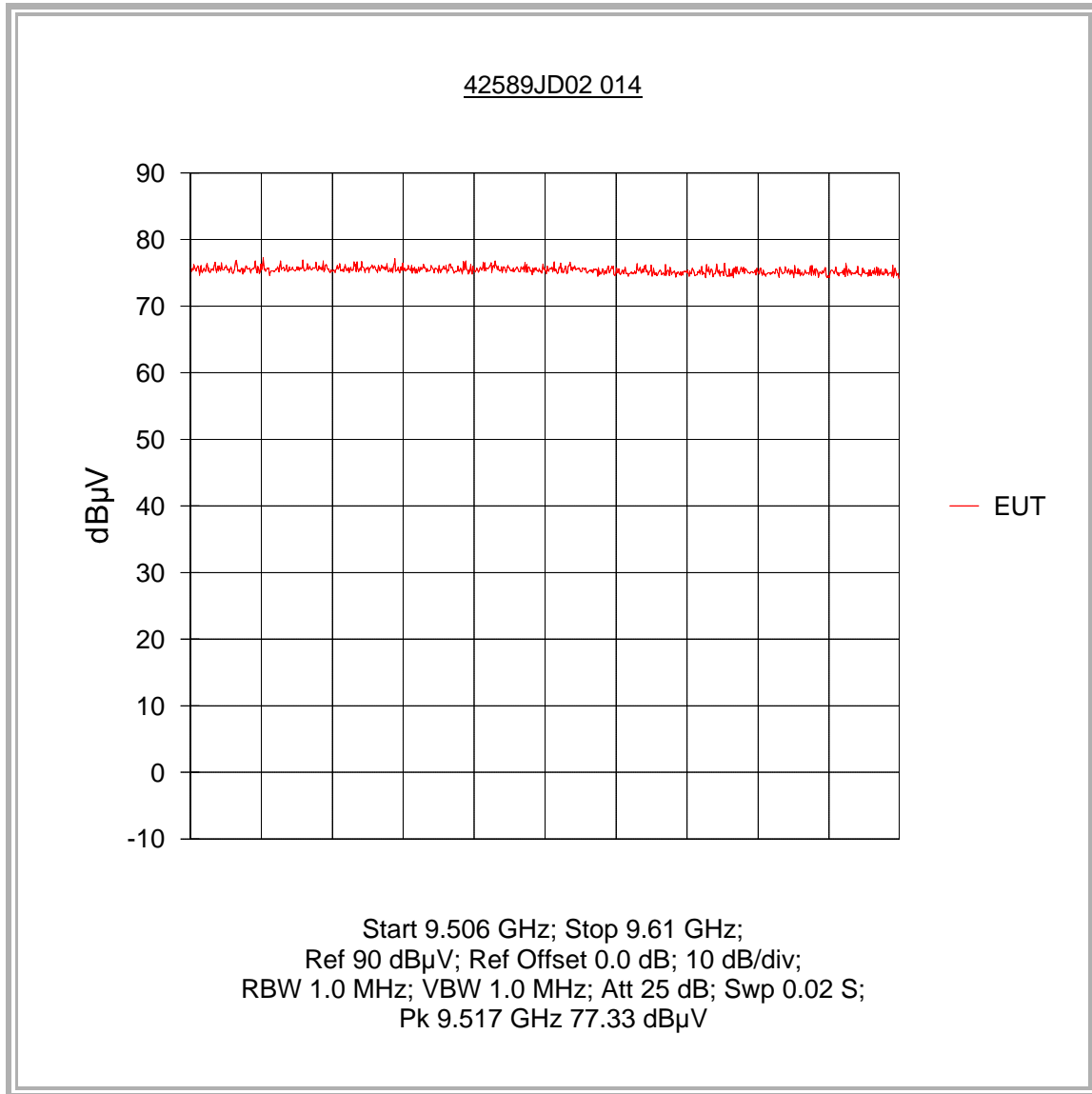
Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

42589JD02 022 Radiated Emissions
4.000GHz to 6.000GHz, 450ns Pulse Width



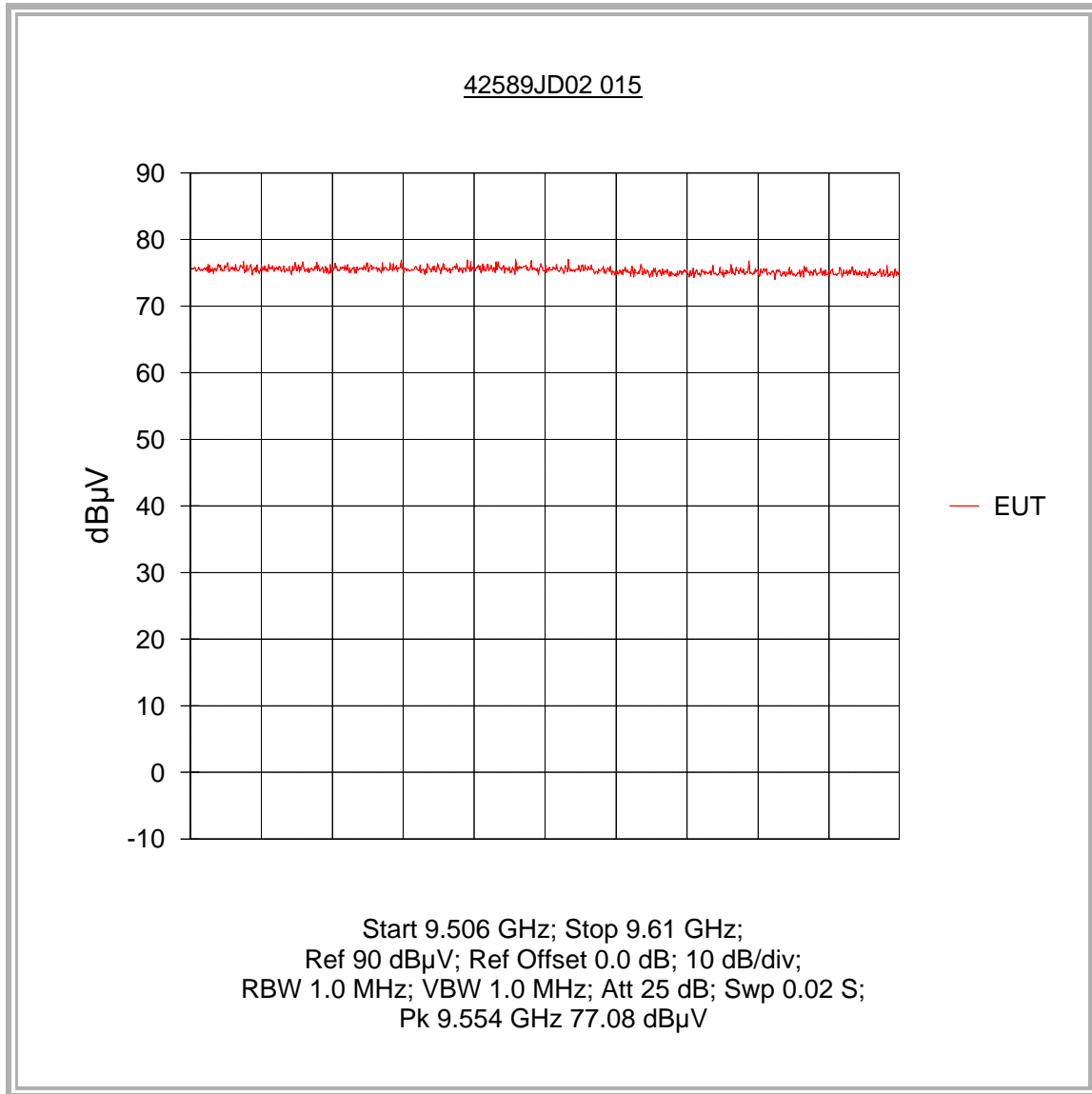
Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

42589JD02 014 Radiated Emissions
9.506GHz to 9.610GHz, 6.5ns Pulse Width



Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

42589JD02 015 Radiated Emissions
9.506GHz to 9.610GHz, 450ns Pulse Width



Conformance Testing Department

Test Of: Raymarine Ltd.
2D Light Marine Radome Radar Scanner
To: FCC Part 80: 1998 and FCC Part 2: 1998

42589JD02 016 Radiated Emissions
9.506GHz to 9.610GHz, 1000ns Pulse Width

