

**GRAPHICAL TEST RESULTS  
PART 2  
FOR RFI TEST REPORT SERIAL NO:  
RFI/MICB2/RP42589JD01A**

Test Of: Raymarine Ltd.  
4D Light Marine Radome Radar Scanner

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

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Basingstoke, Hampshire RG26 5RQ



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## **Graphical Test Results**

This appendix contains the following graphs:

<b>Graph Reference Number</b>	<b>Radiated Spurious Emissions</b>
42589JD01 002	2.000GHz to 4.000GHz, 450ns Pulse Width
42589JD01 003	1.000GHz to 2.000GHz, 450ns Pulse Width
42589JD01 004	30.000MHz to 1.000GHz, 450ns Pulse Width
42589JD01 005	9.000kHz to 150.000kHz, 450ns Pulse Width
42589JD01 007	150.000kHz to 30.000MHz, 450ns Pulse Width
42589JD01 004b	33.000GHz to 40.000GHz, 450ns Pulse Width
42589JD01 005b	26.500GHz to 33.000GHz, 450ns Pulse Width
42589JD01 006	18.000GHz to 26.500GHz, 450ns Pulse Width
42589JD01 007b	12.500GHz to 18.000GHz, 450ns Pulse Width
42589JD01 008	9.908 GHz to 12.500GHz, 450ns Pulse Width
42589JD01 009	9.608GHz to 9.912GHz, 450ns Pulse Width
42589JD01 010	9.608GHz to 9.912GHz, 6.5ns Pulse Width
42589JD01 011	9.608GHz to 9.912GHz, 1000ns Pulse Width
42589JD01 015	9.208GHz to 9.312GHz, 6.5ns Pulse Width
42589JD01 016	9.208GHz to 9.312GHz, 450ns Pulse Width
42589JD01 017	9.208GHz to 9.312GHz, 1000ns Pulse Width
42589JD01 018	8.908GHz to 9.212GHz, 1000ns Pulse Width
42589JD01 019	8.908GHz to 9.212GHz, 450ns Pulse Width
42589JD01 021	8.200GHz to 8.912GHz, 450ns Pulse Width
42589JD01 023	6.000GHz to 8.200GHz, 450ns Pulse Width
42589JD01 024	4.000GHz to 6.000GHz, 450ns Pulse Width
42589JD01 025	9.508GHz to 9.612GHz, 65ns Pulse Width
42589JD01 026	9.508GHz to 9.612GHz, 450ns Pulse Width
42589JD01 027	9.508GHz to 9.612GHz, 1000ns Pulse Width
42589JD01 028	8.908GHz to 9.212GHz, 65ns Pulse Width

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Issue Date: 11 October 2001**

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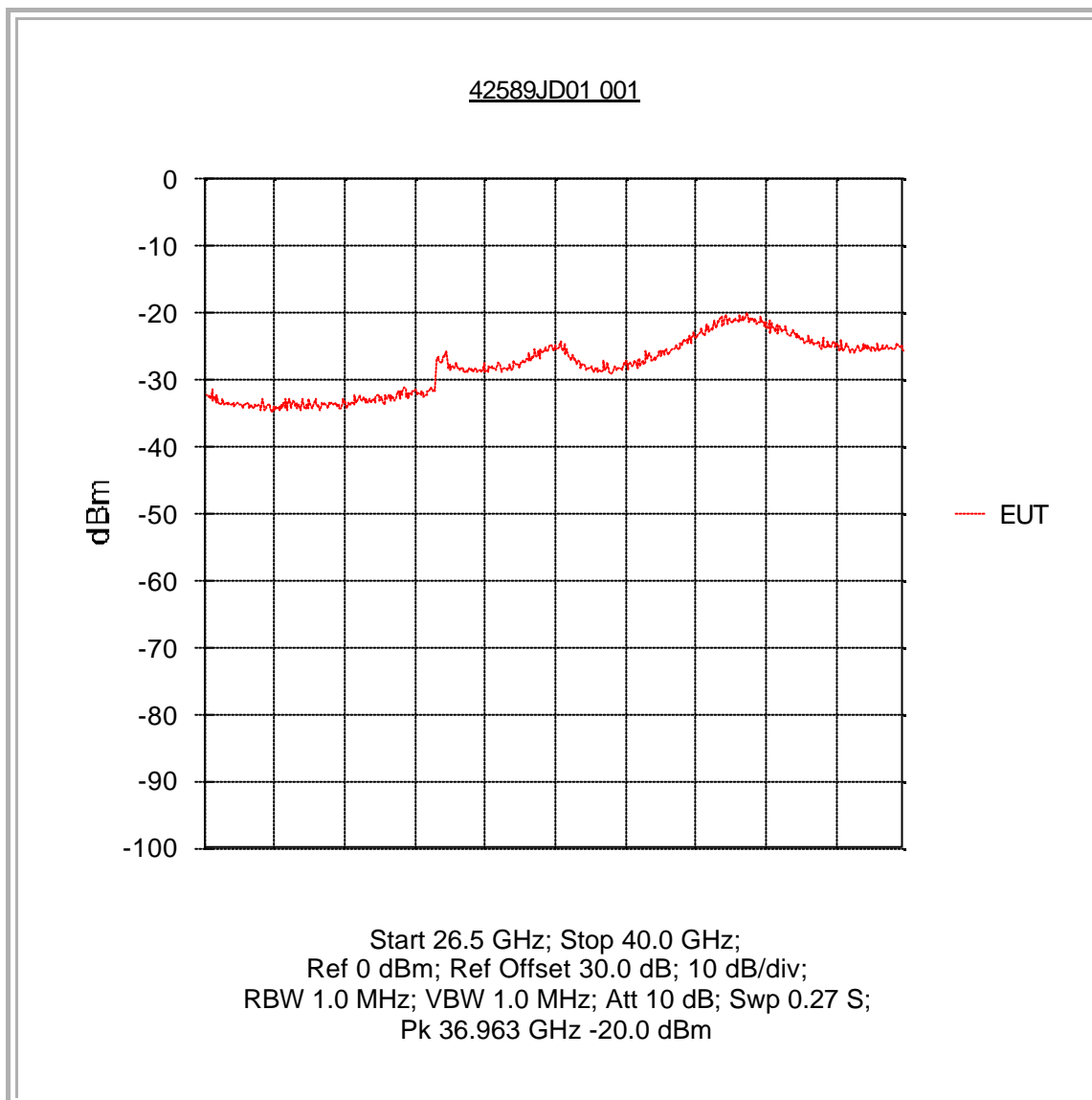
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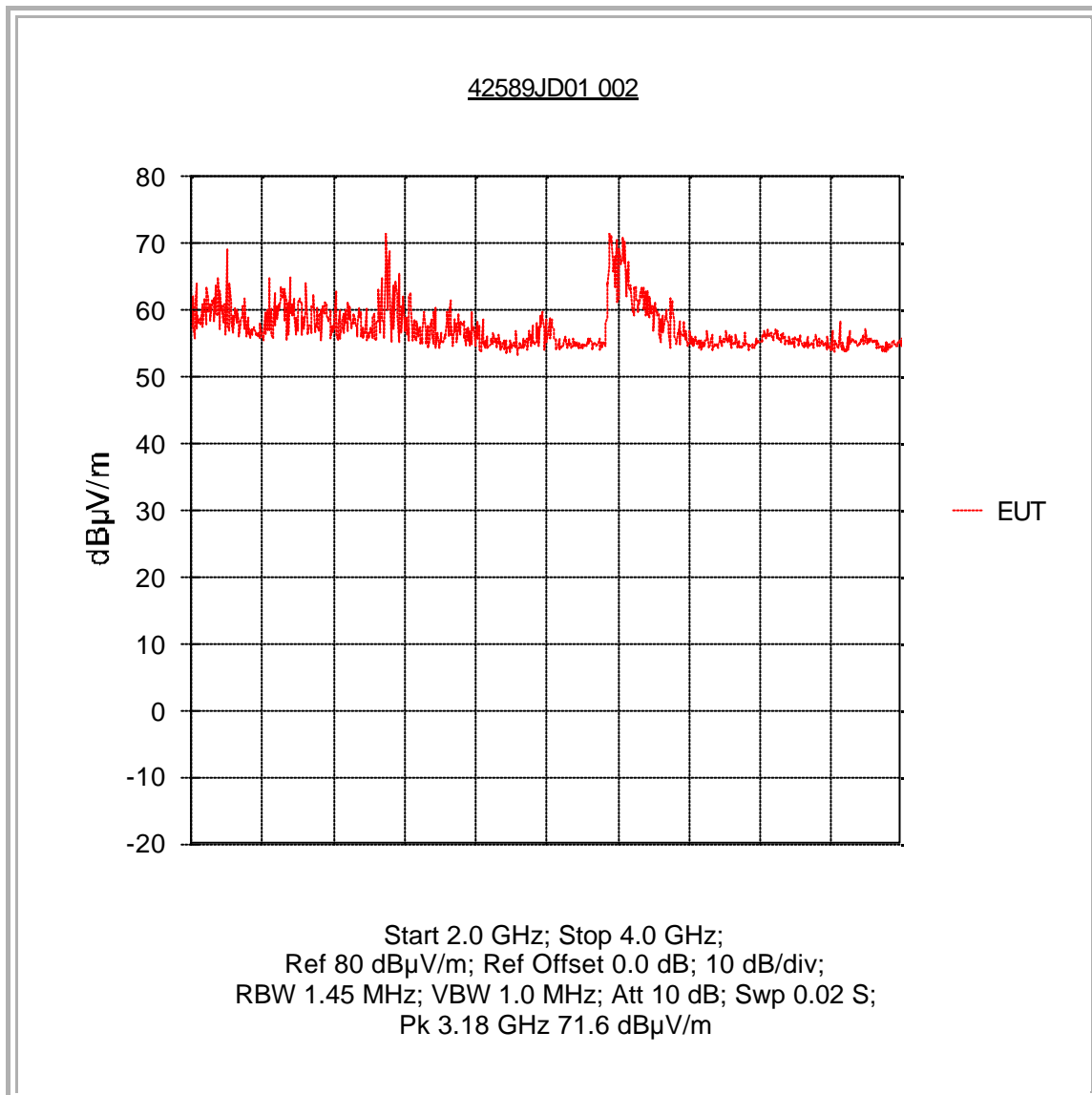
**Test Of: Raymarine Ltd.  
4D Light Marine Radome Radar Scanner  
To: FCC Part 80: 1998 and FCC Part 2: 1998**

**42589JD01 001 Conducted Antenna Port Emissions  
26.50 to 40.00GHz, 450ns Pulse Width**



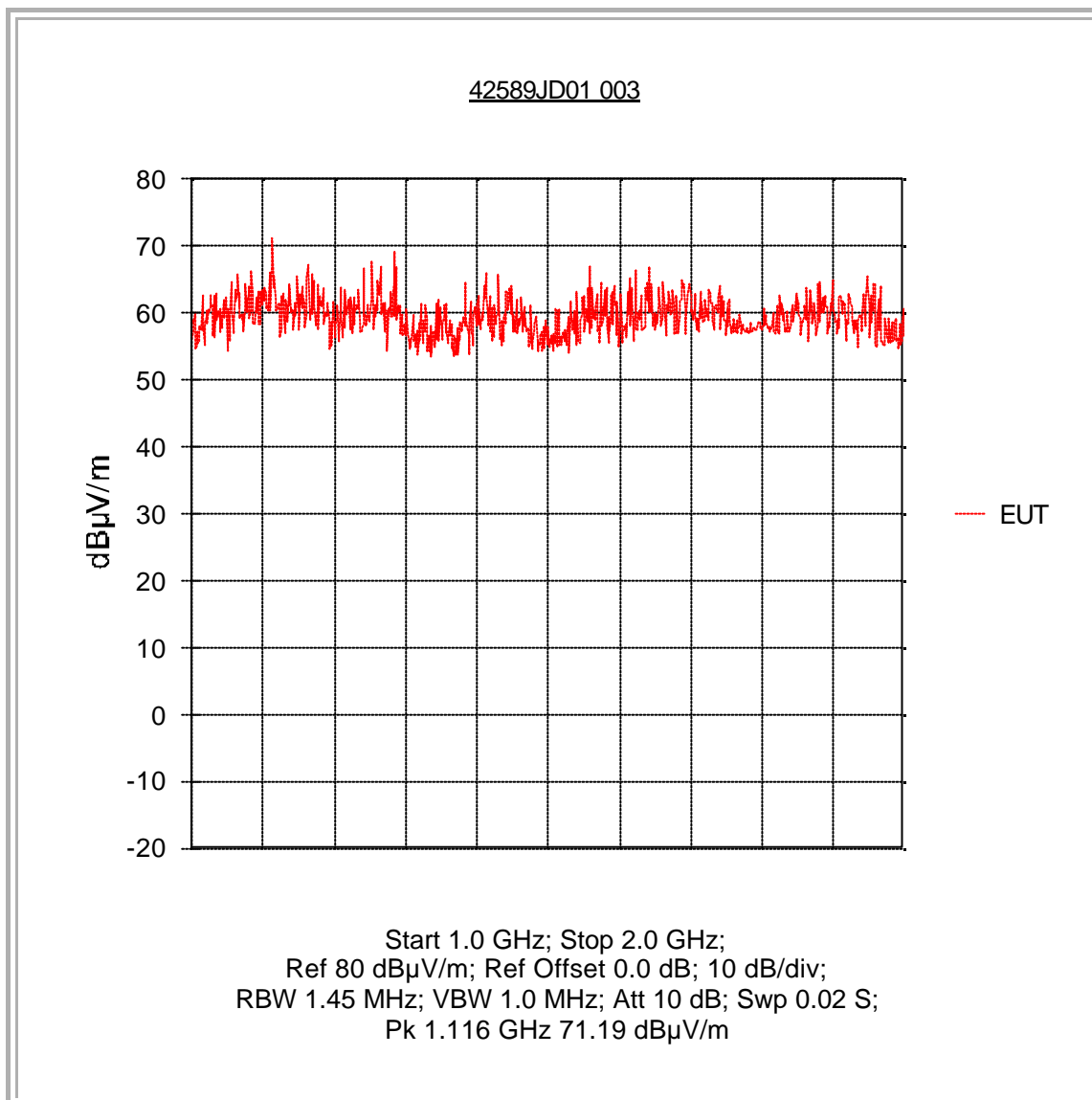
**Test Of: Raymarine Ltd.  
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To: FCC Part 80: 1998 and FCC Part 2: 1998**

**42589JD01 002 Radiated Emissions**  
**2.000GHz to 4.000GHz, 450ns Pulse Width**



**Test Of: Raymarine Ltd.  
4D Light Marine Radome Radar Scanner  
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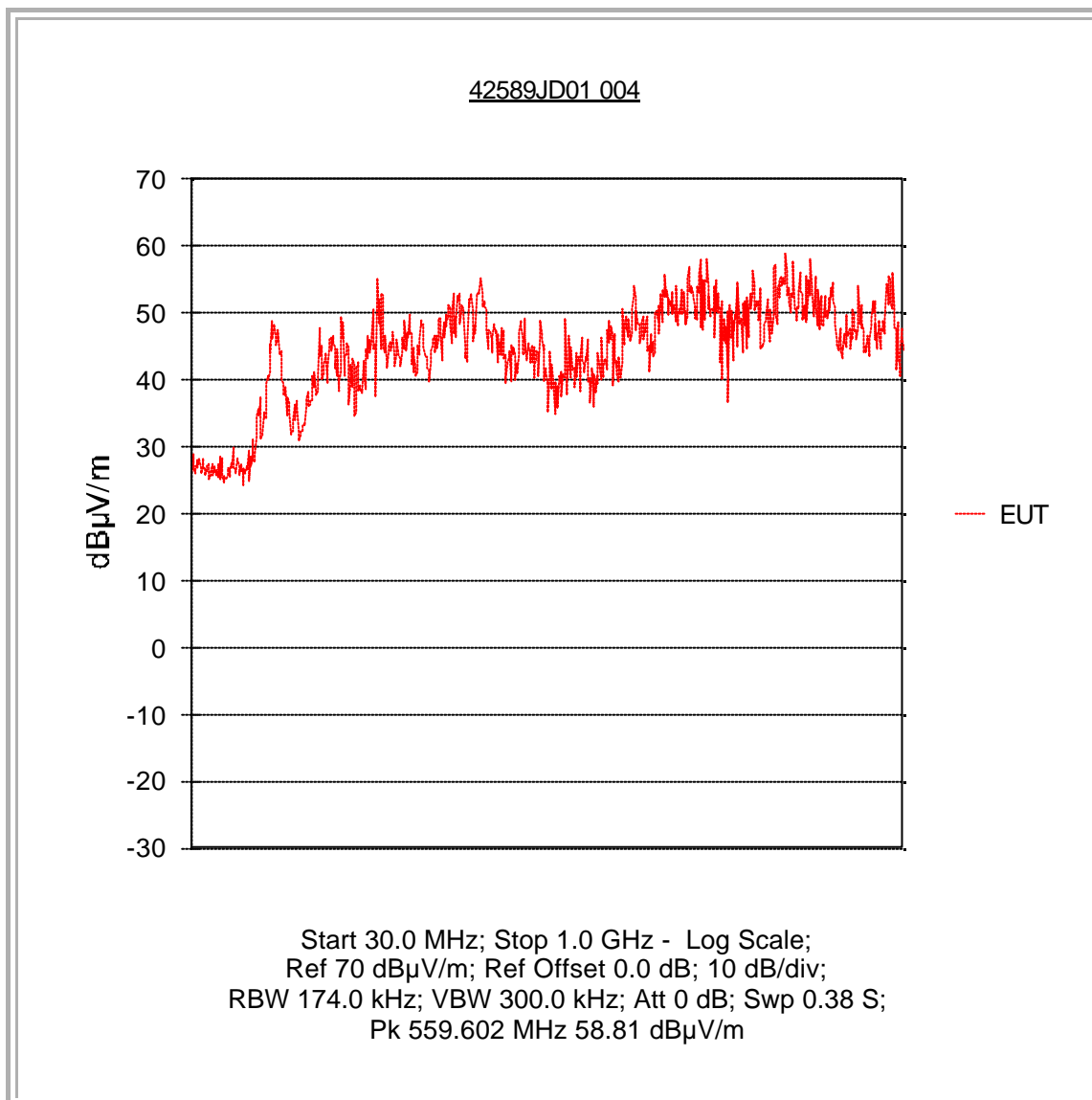
**42589JD01 003 Radiated Emissions**  
**1.000GHz to 2.000GHz, 450ns Pulse Width**



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**Test Of: Raymarine Ltd.  
4D Light Marine Radome Radar Scanner  
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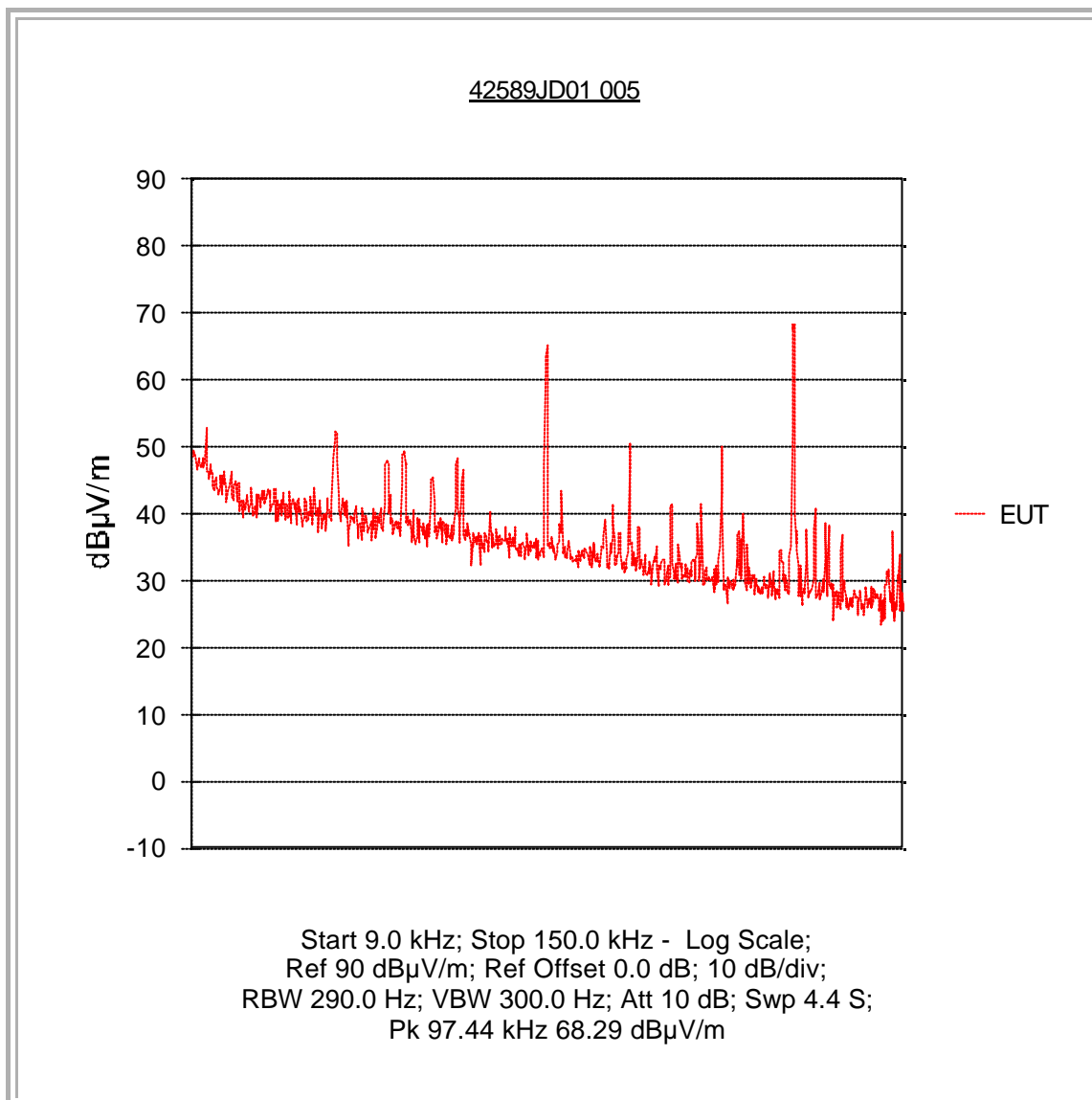
**42589JD01 004 Radiated Emissions  
30.000MHz to 1.000GHz, 450ns Pulse Width**



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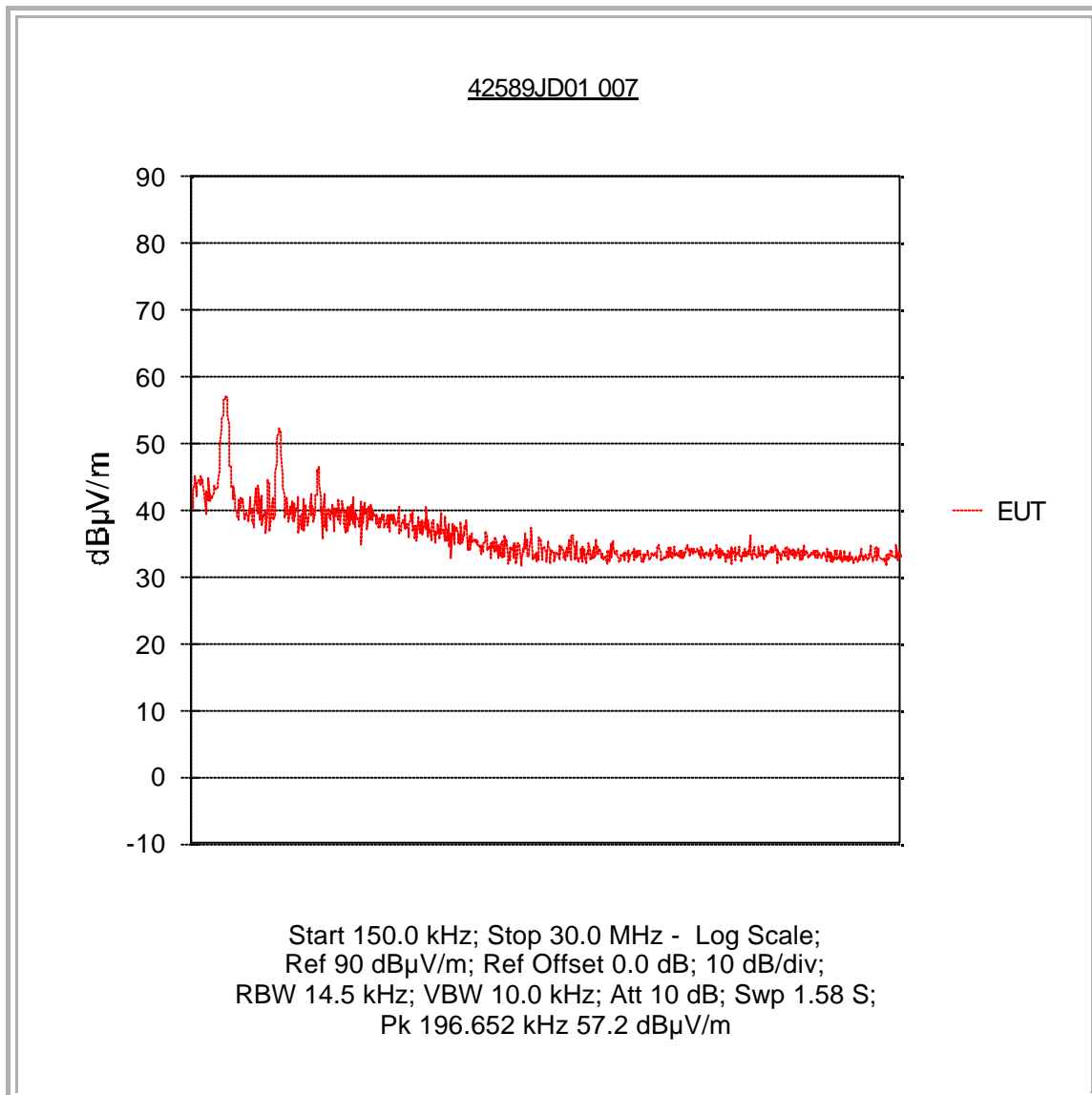
**42589JD01 005 Radiated Emissions  
9.000kHz to 150.000kHz, 450ns Pulse Width**





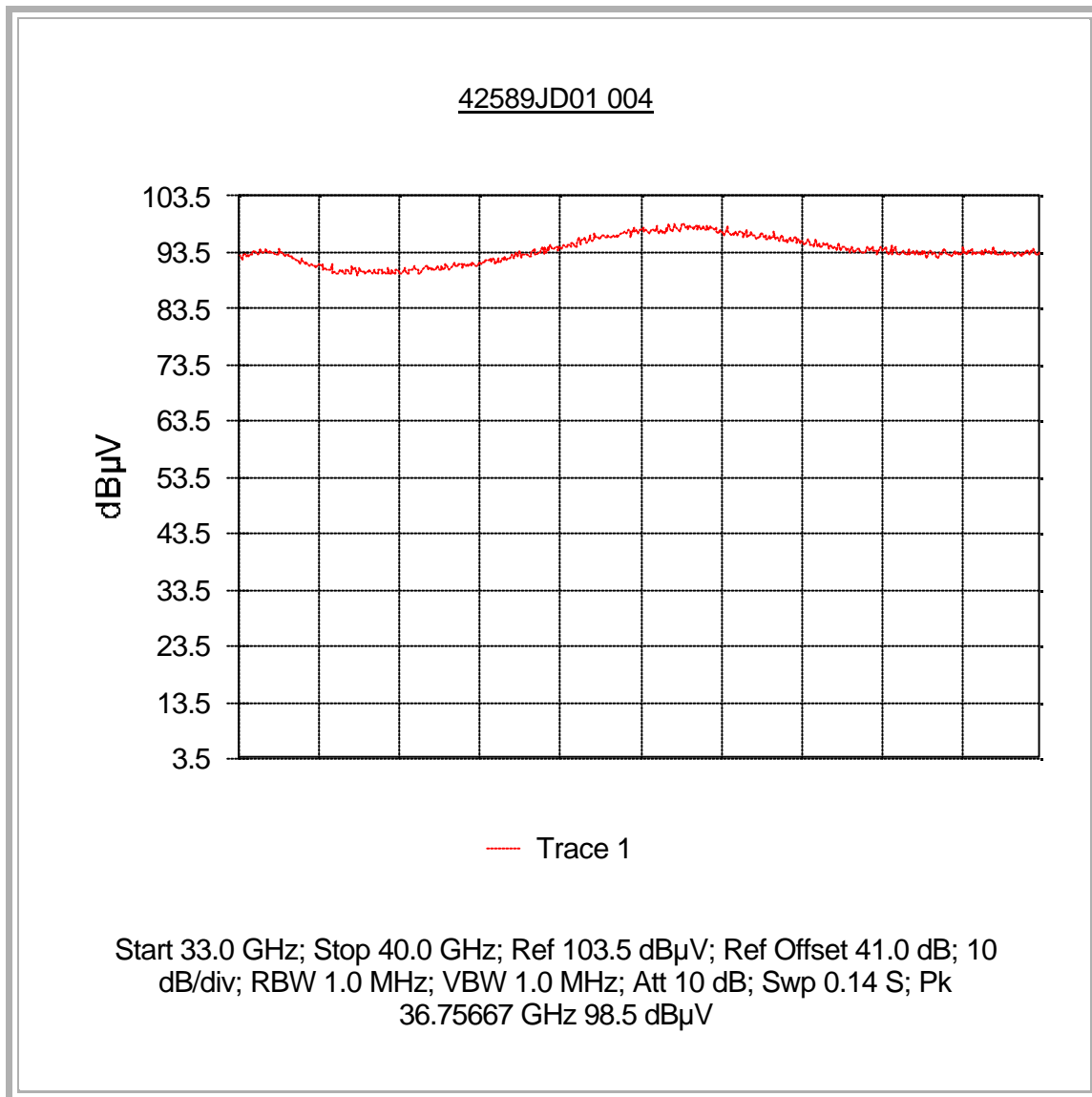
**Test Of: Raymarine Ltd.  
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**42589JD01 007 Radiated Emissions**  
**150.000kHz to 30.000MHz, 450ns Pulse Width**



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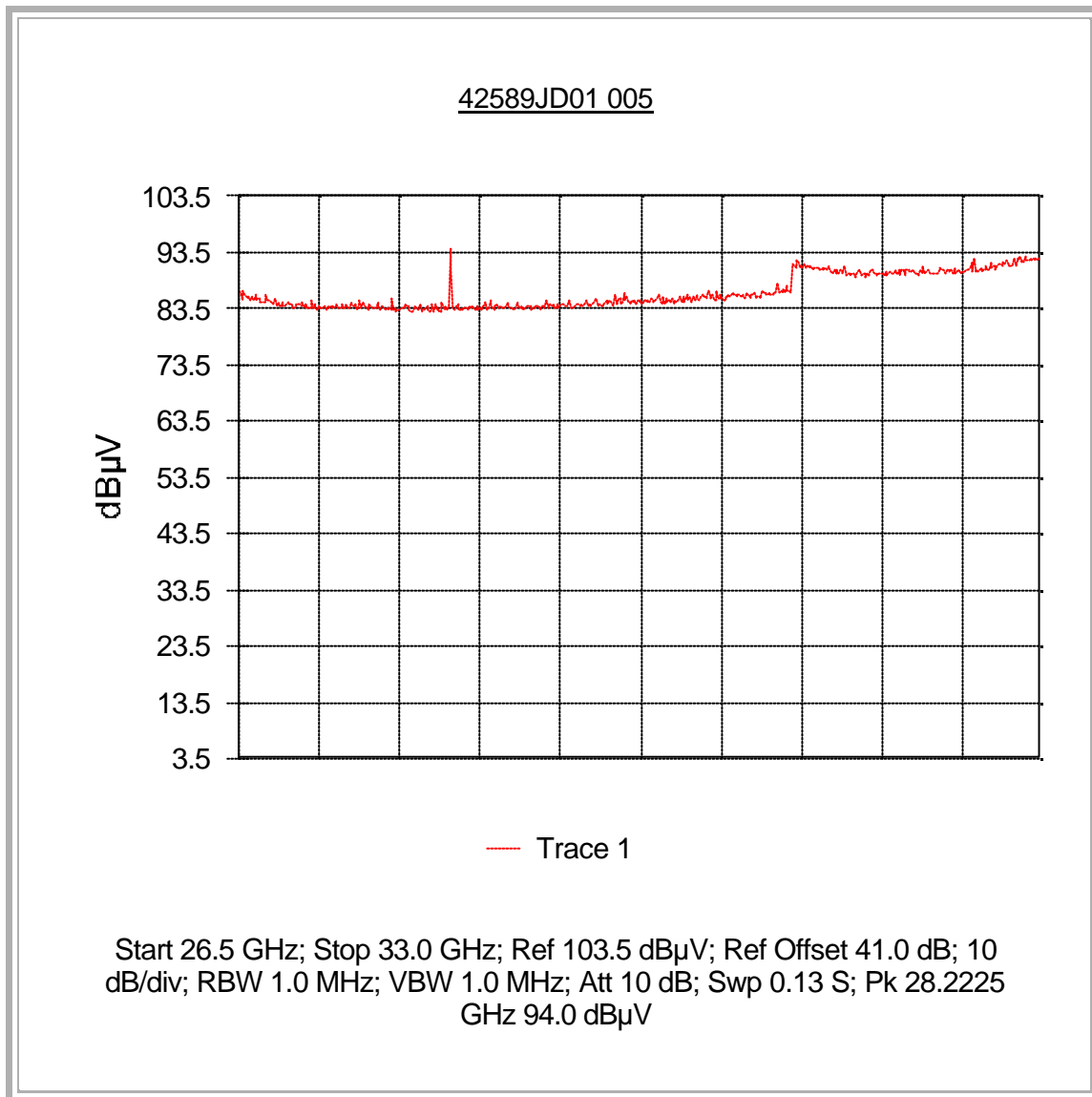
**42589JD01 004b Radiated Emissions**  
**33.000GHz to 40.000GHz, 450ns Pulse Width**



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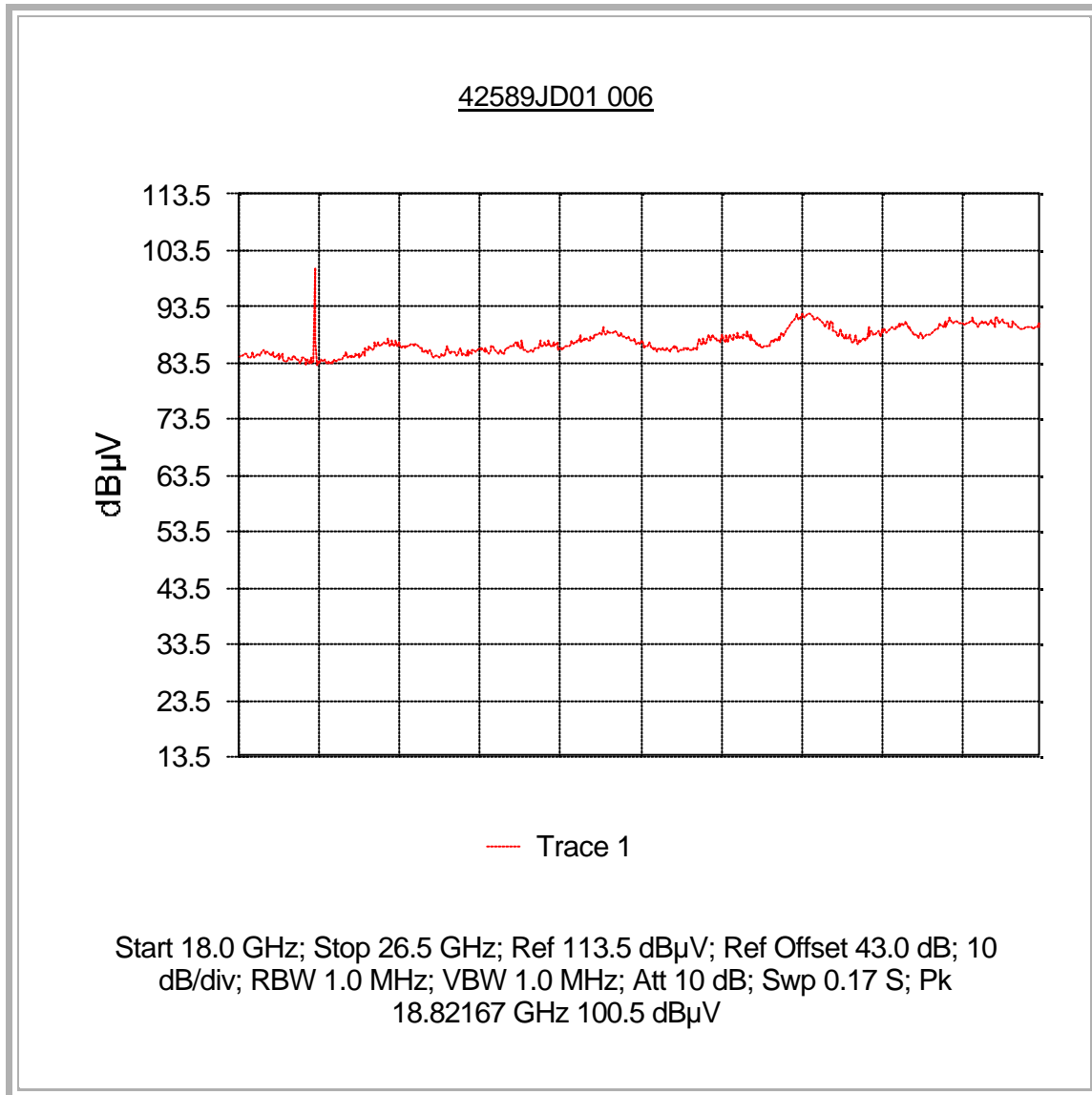
**Test Of: Raymarine Ltd.  
4D Light Marine Radome Radar Scanner  
To: FCC Part 80: 1998 and FCC Part 2: 1998**

**42589JD01 005b Radiated Emissions  
26.500GHz to 33.000GHz, 450ns Pulse Width**



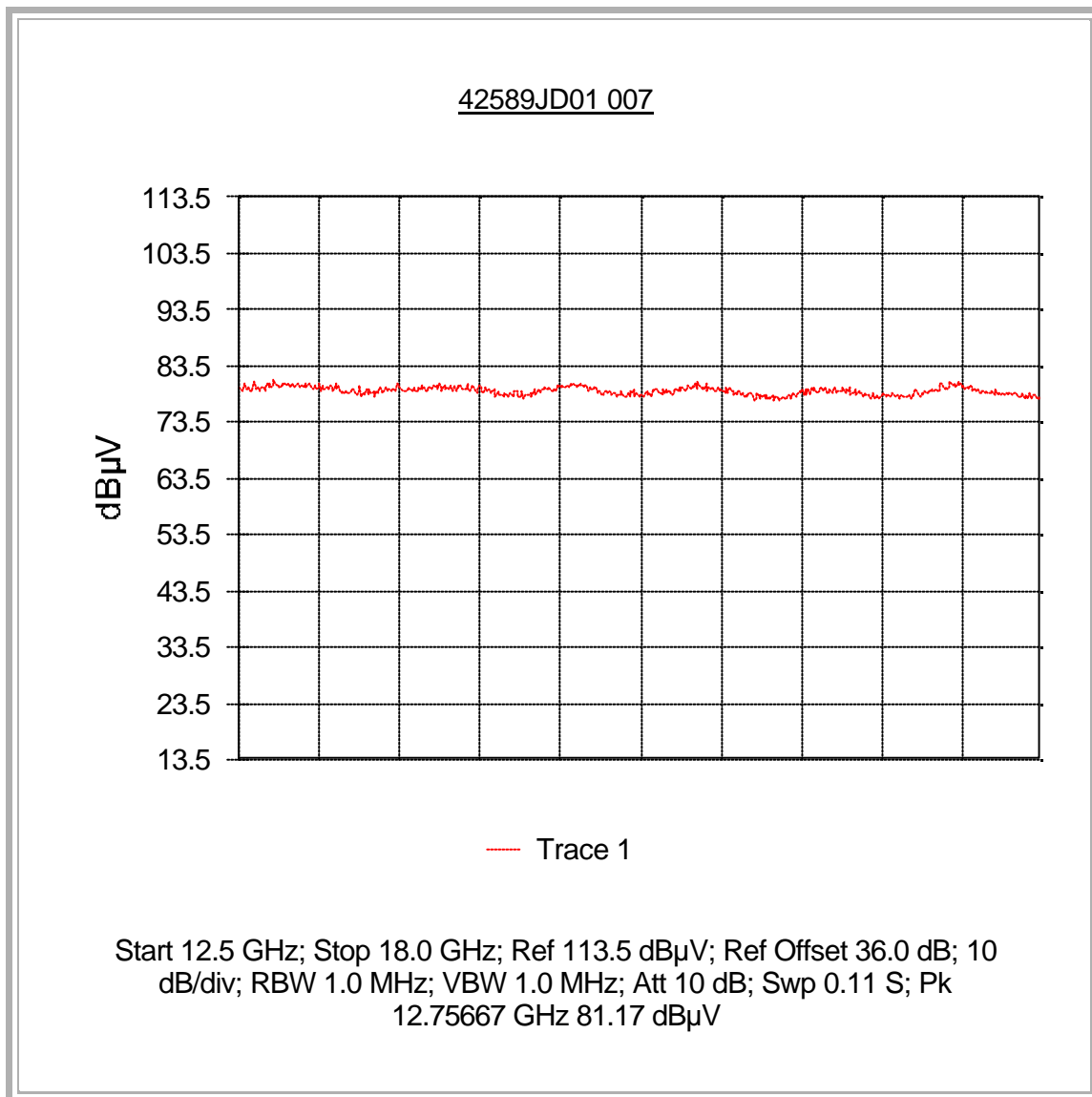
**Test Of: Raymarine Ltd.  
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**42589JD01 006 Radiated Emissions**  
**18.000GHz to 26.500GHz, 450ns Pulse Width**



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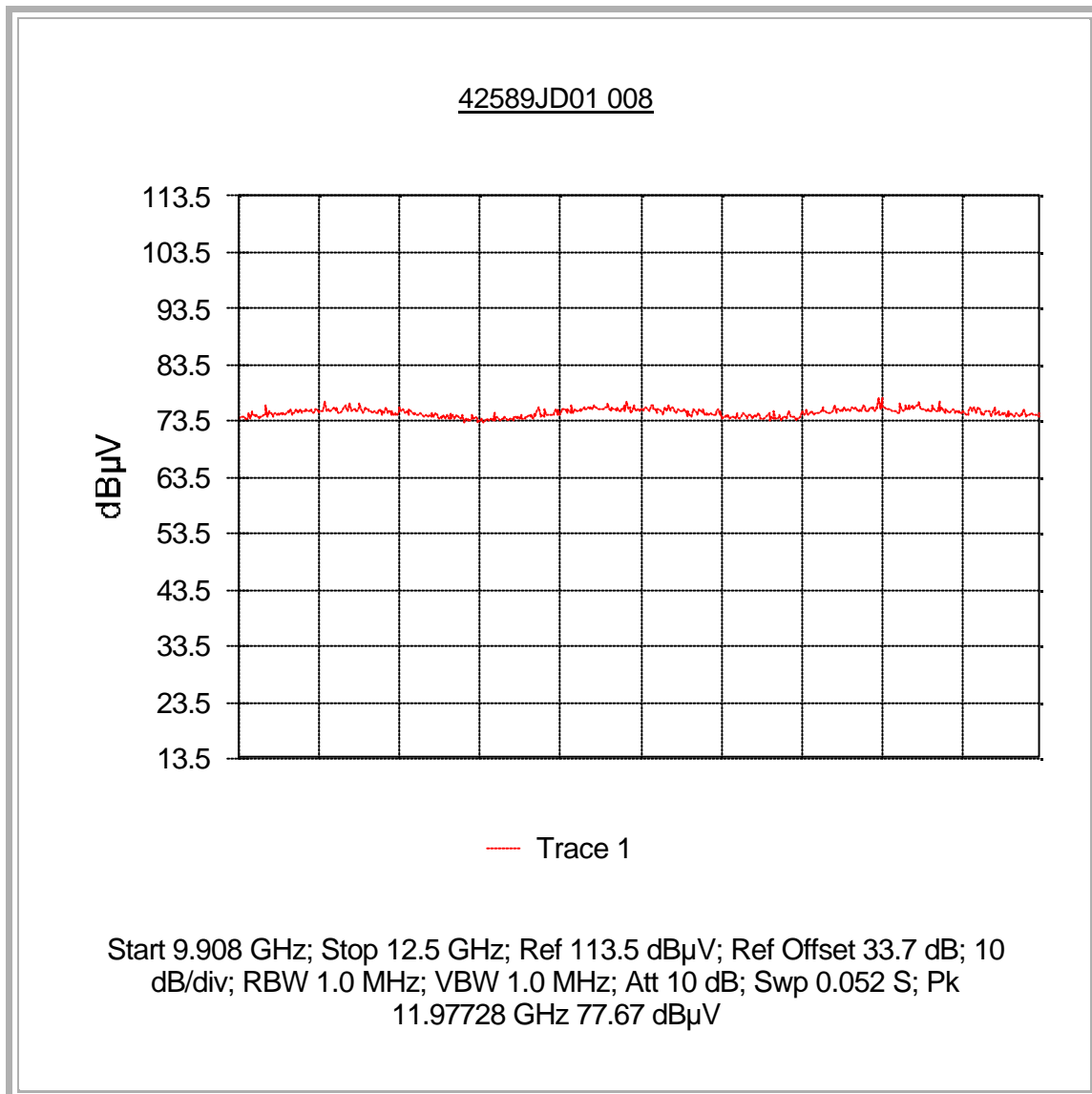
**42589JD01 007b Radiated Emissions**  
**12.500GHz to 18.000GHz, 450ns Pulse Width**



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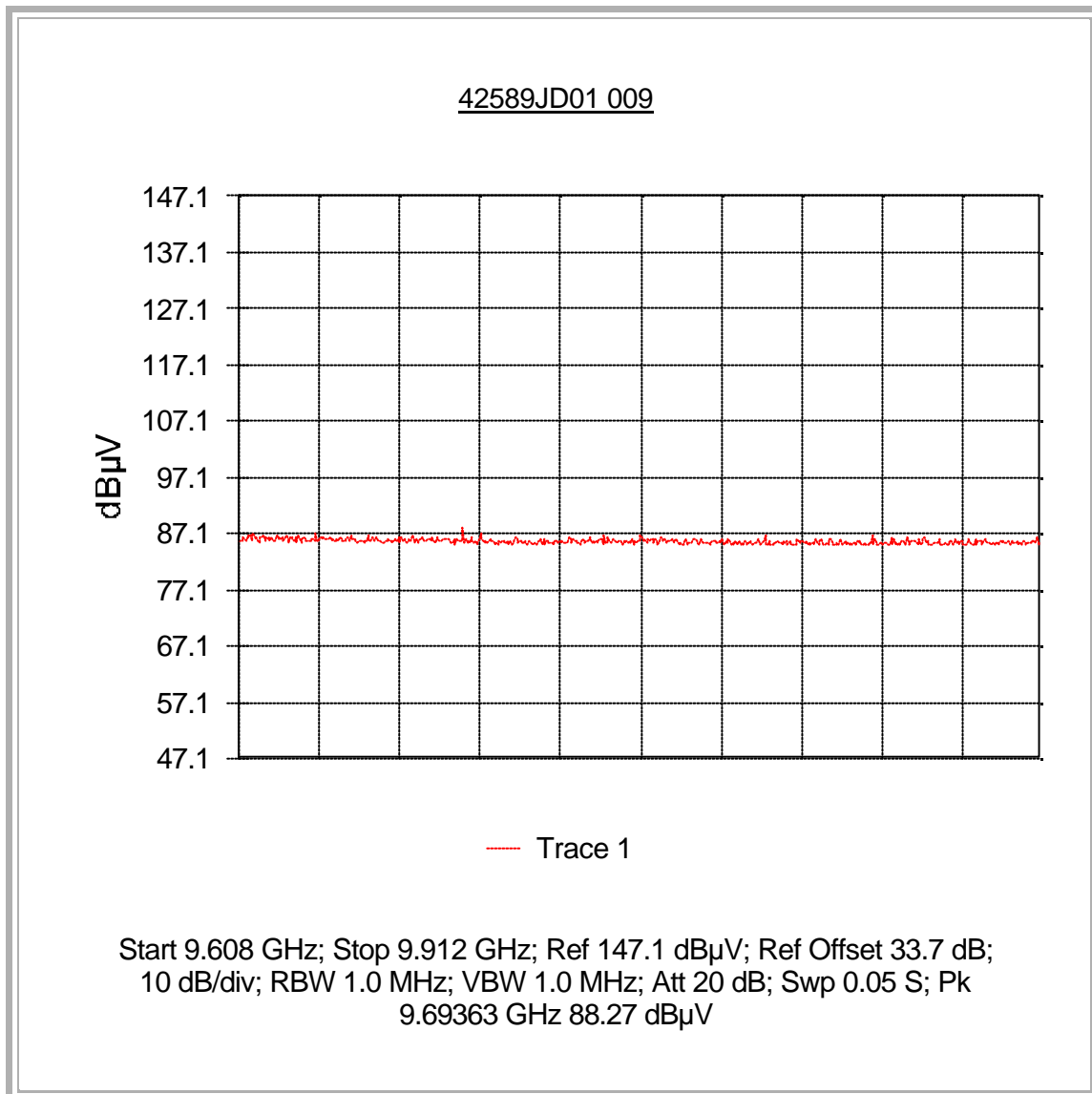
**42589JD01 008 Radiated Emissions  
9.908GHz to 12.500GHz, 450ns Pulse Width**



**Conformance Testing Department**

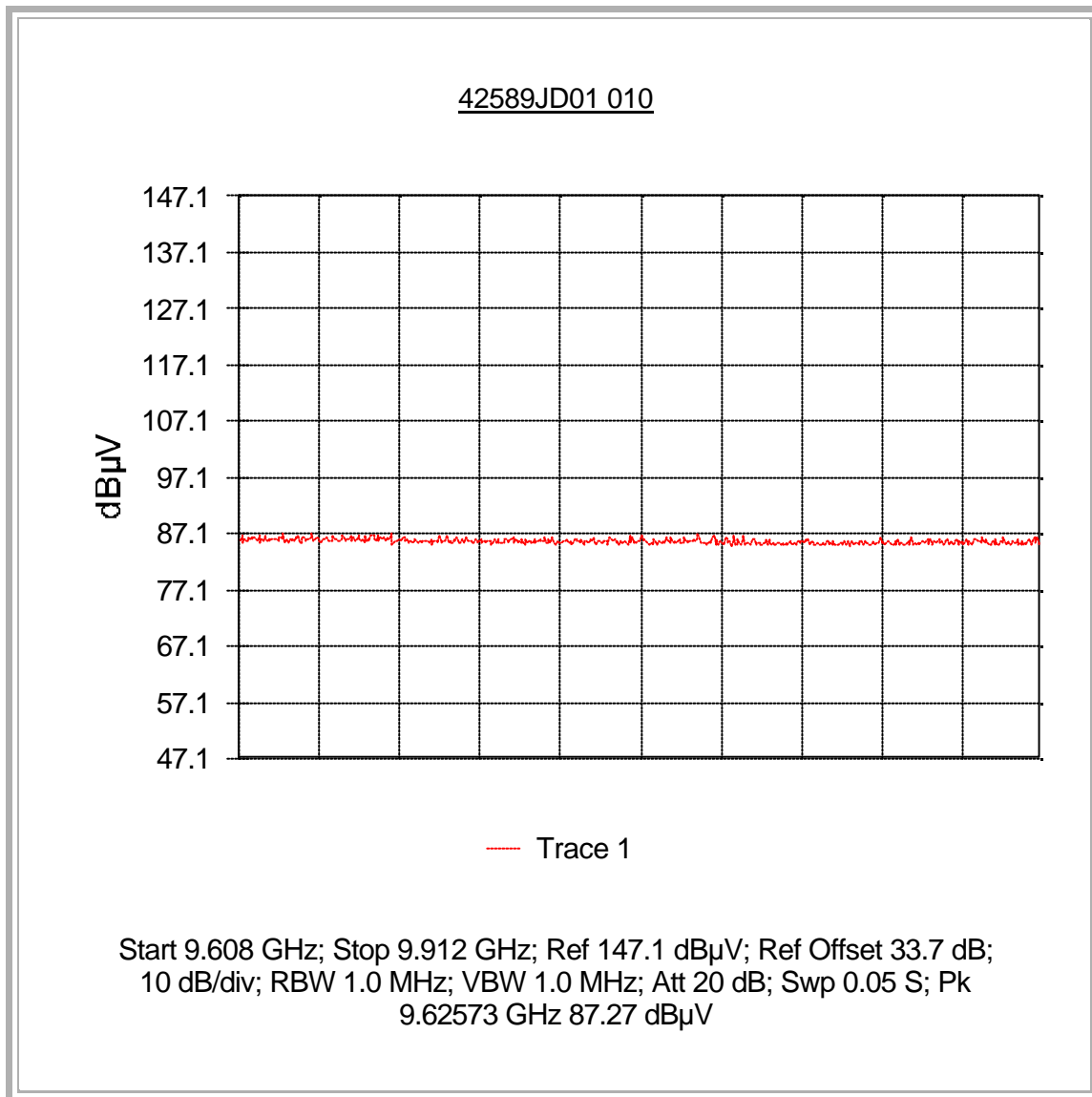
**Test Of: Raymarine Ltd.  
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**42589JD01 009 Radiated Emissions  
9.608GHz to 9.912GHz, 450ns Pulse Width**



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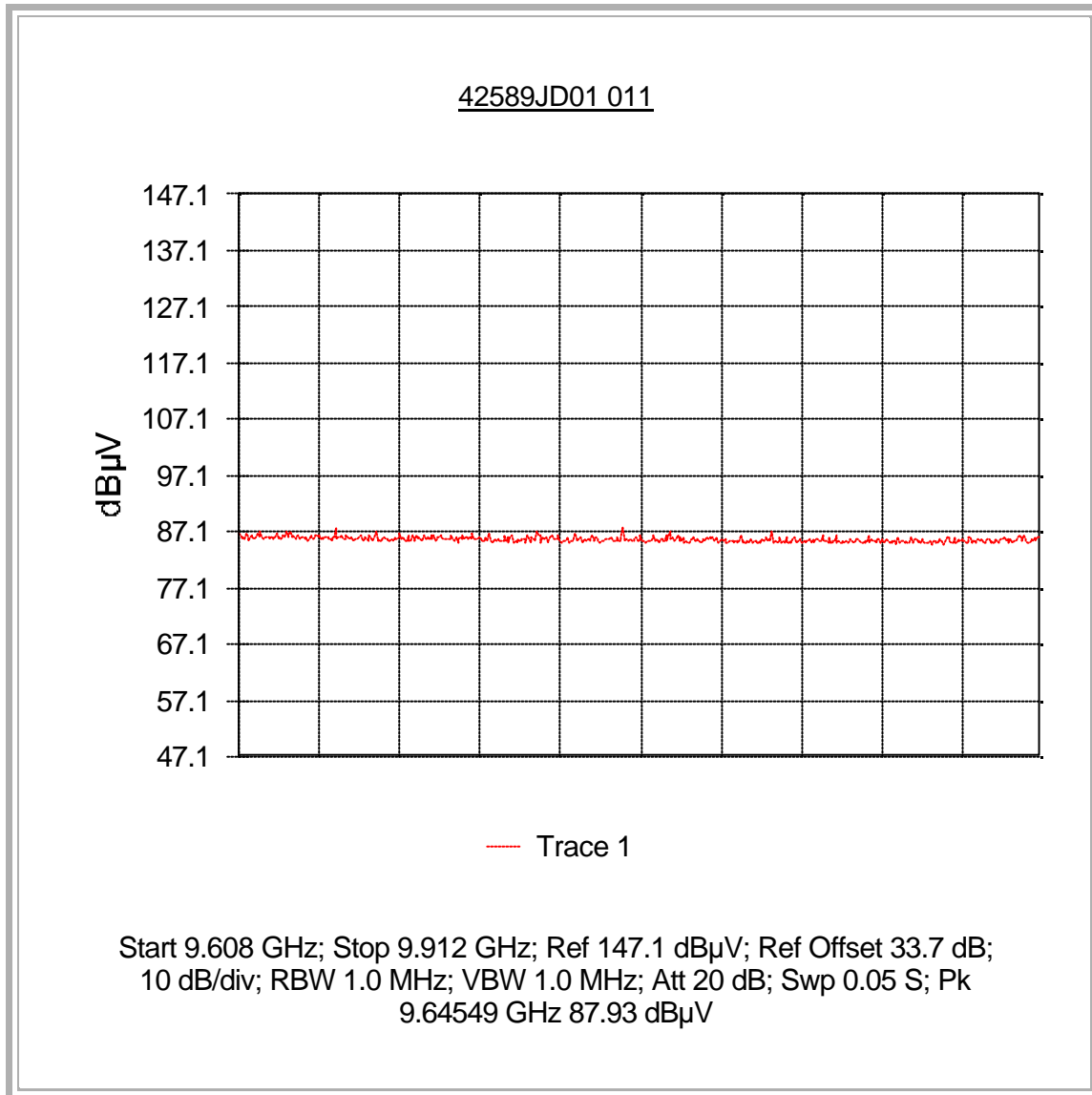
**42589JD01 010 Radiated Emissions**  
**9.608GHz to 9.912GHz, 6.5ns Pulse Width**





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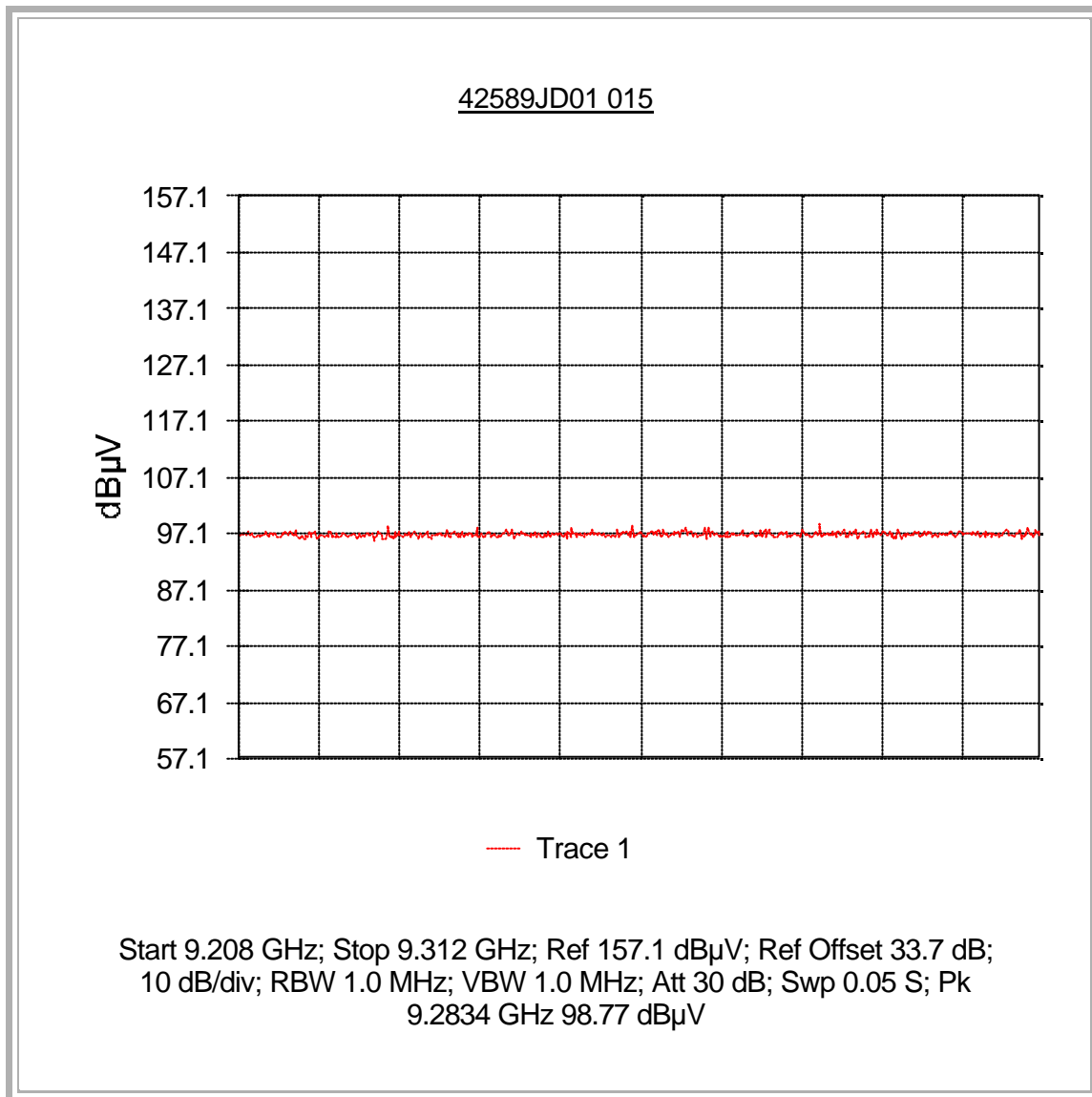
**42589JD01 011 Radiated Emissions**  
**9.608GHz to 9.912GHz, 1000ns Pulse Width**



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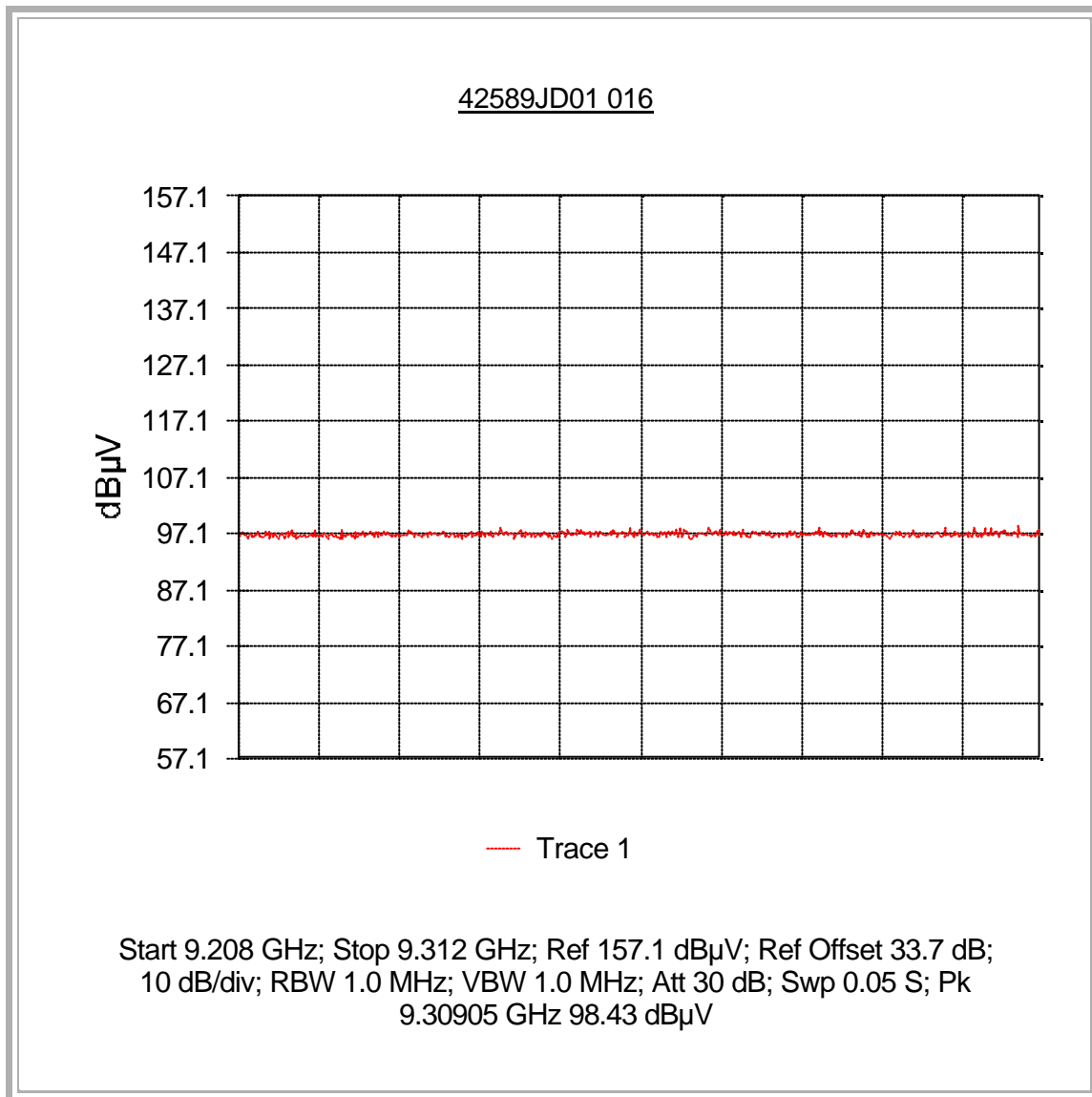
**42589JD01 015 Radiated Emissions  
9.208GHz to 9.312GHz, 6.5ns Pulse Width**



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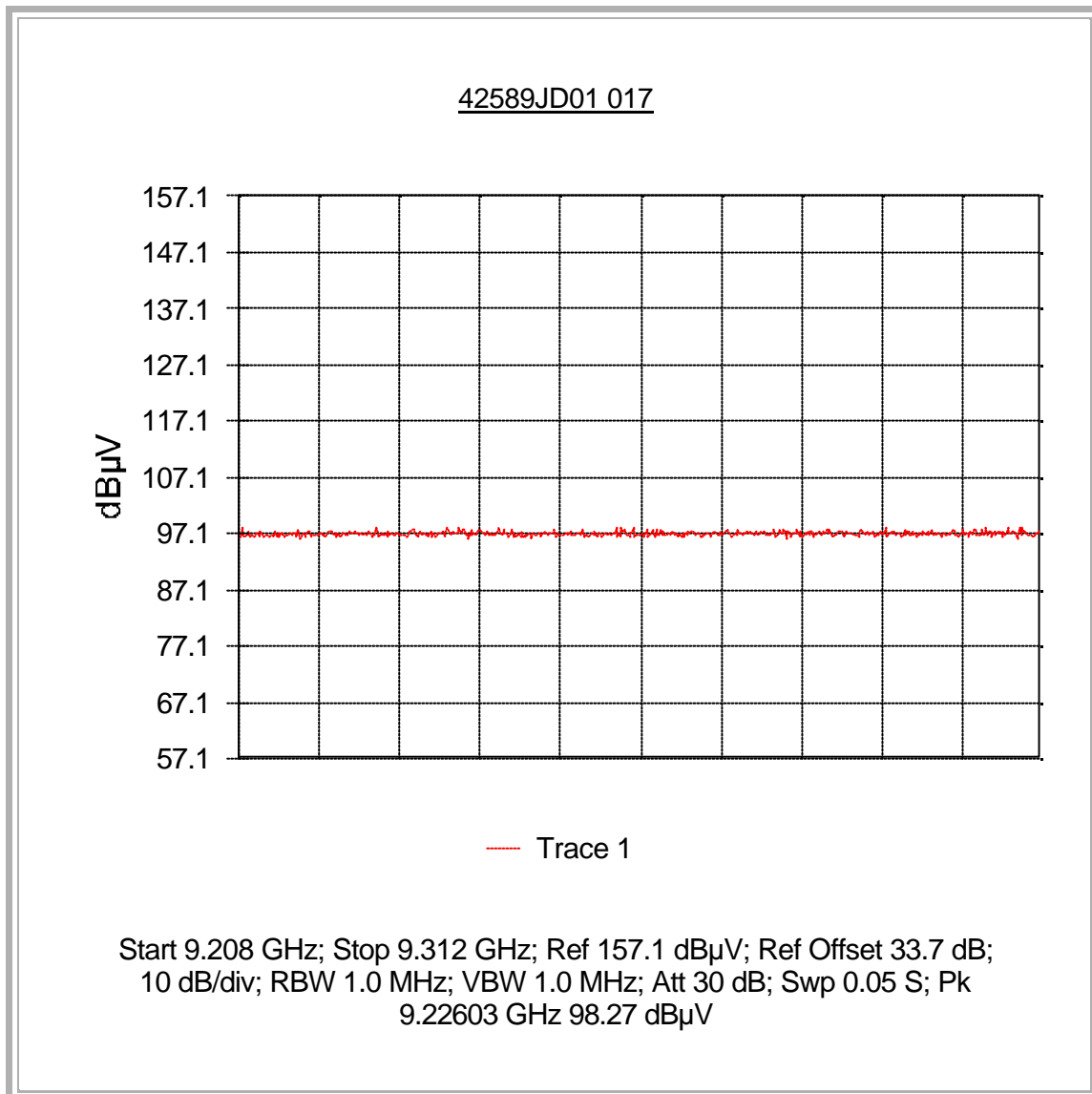
**Test Of: Raymarine Ltd.  
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**42589JD01 016 Radiated Emissions  
9.208GHz to 9.312GHz, 450ns Pulse Width**



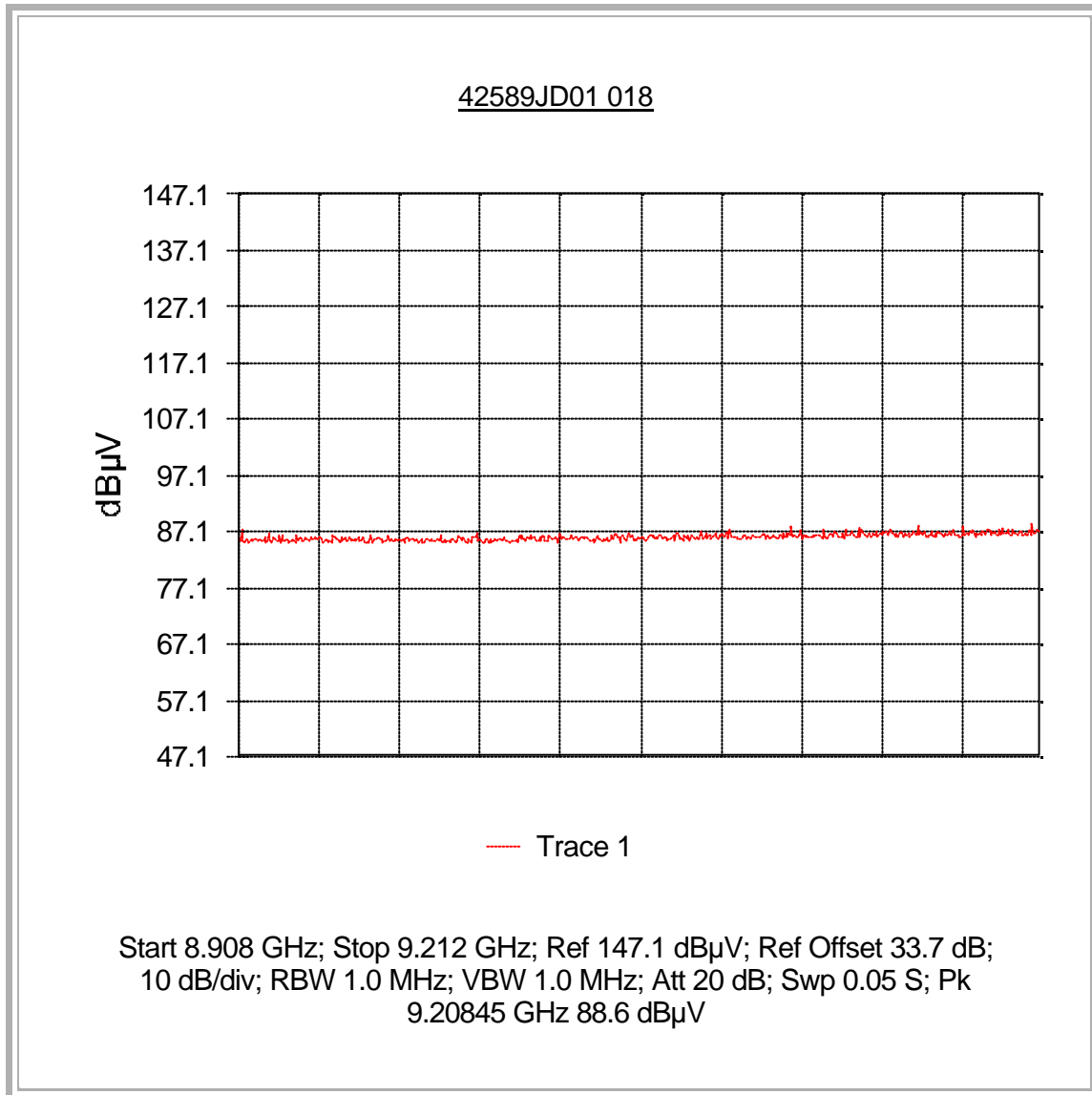
**Test Of: Raymarine Ltd.  
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To: FCC Part 80: 1998 and FCC Part 2: 1998**

**42589JD01 017 Radiated Emissions**  
**9.208GHz to 9.312GHz, 1000ns Pulse Width**



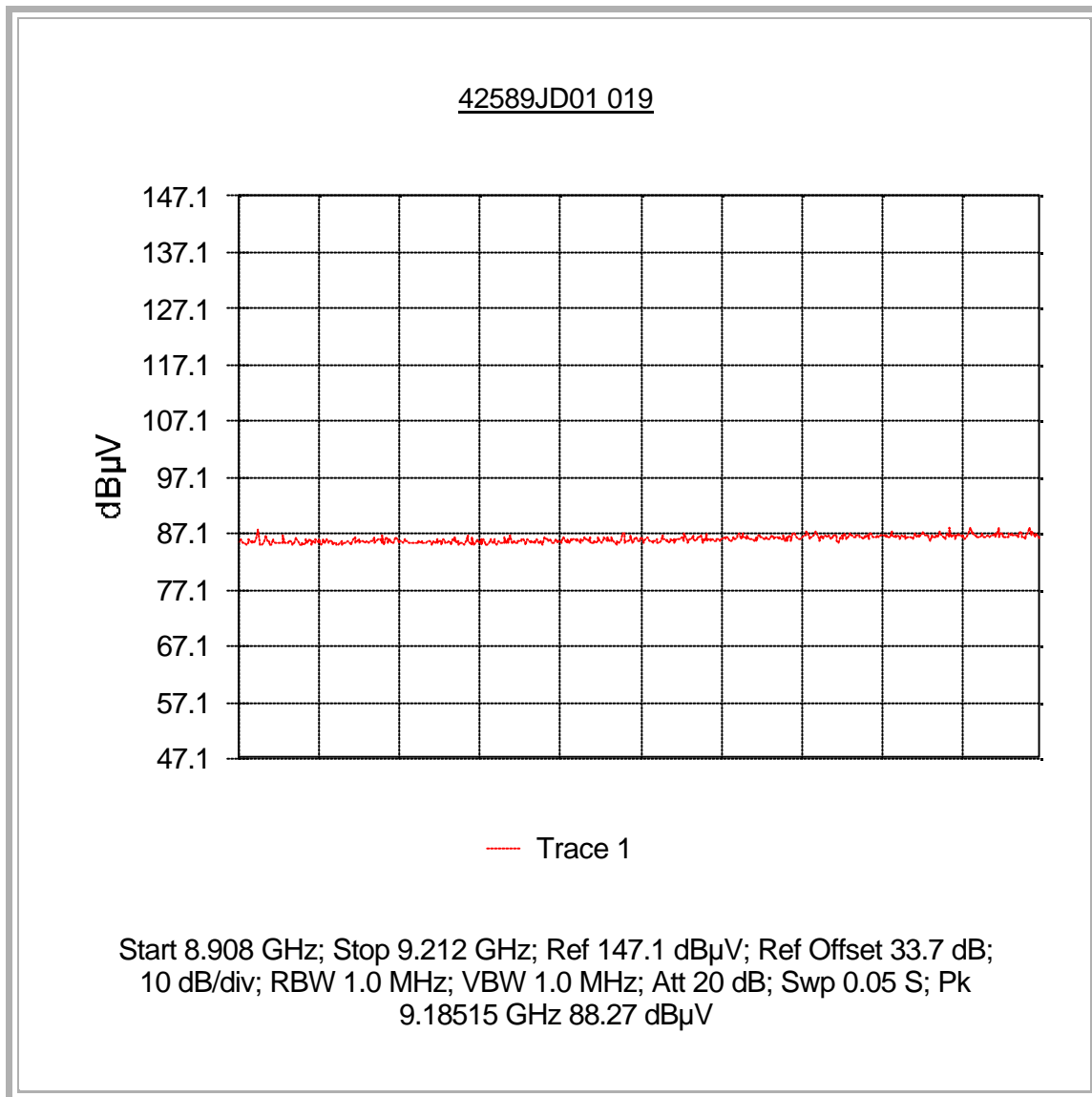
**Test Of: Raymarine Ltd.  
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**42589JD01 018 Radiated Emissions**  
**8.908GHz to 9.212GHz, 1000ns Pulse Width**



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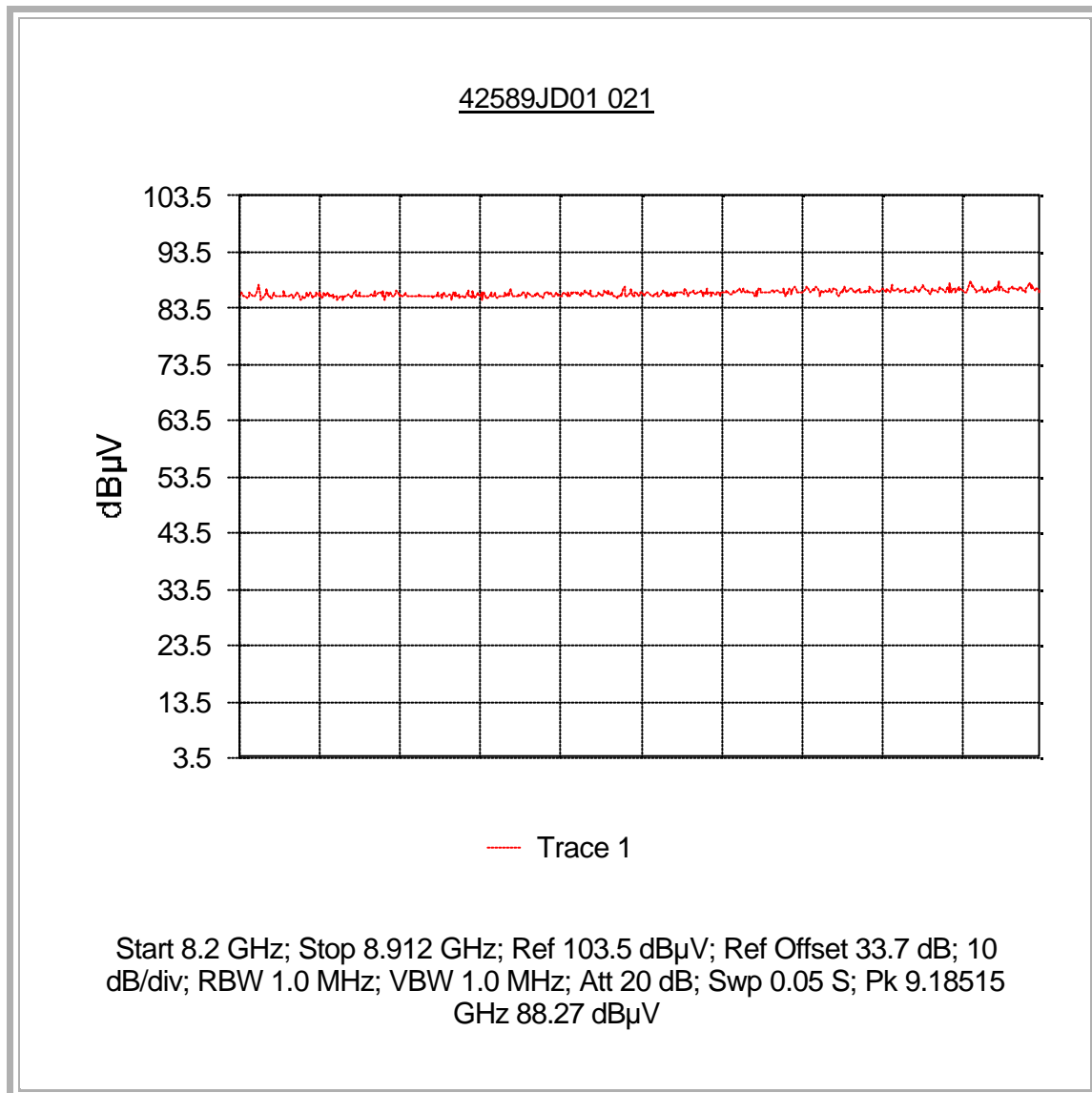
**42589JD01 019 Radiated Emissions**  
**8.908GHz to 9.212GHz, 450ns Pulse Width**



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**Test Of: Raymarine Ltd.  
4D Light Marine Radome Radar Scanner  
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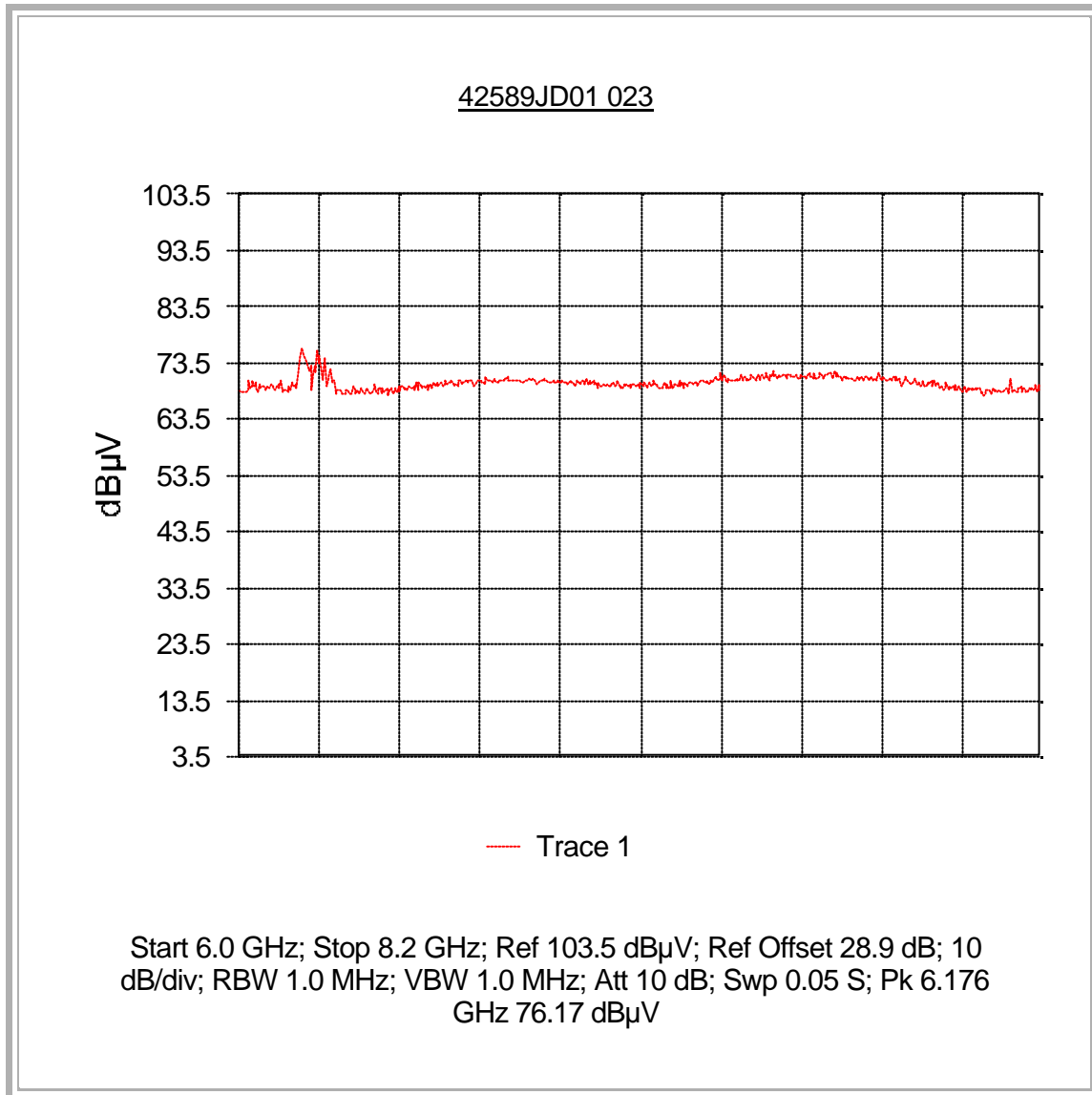
**42589JD01 021 Radiated Emissions  
8.200GHz to 8.912GHz, 450ns Pulse Width**



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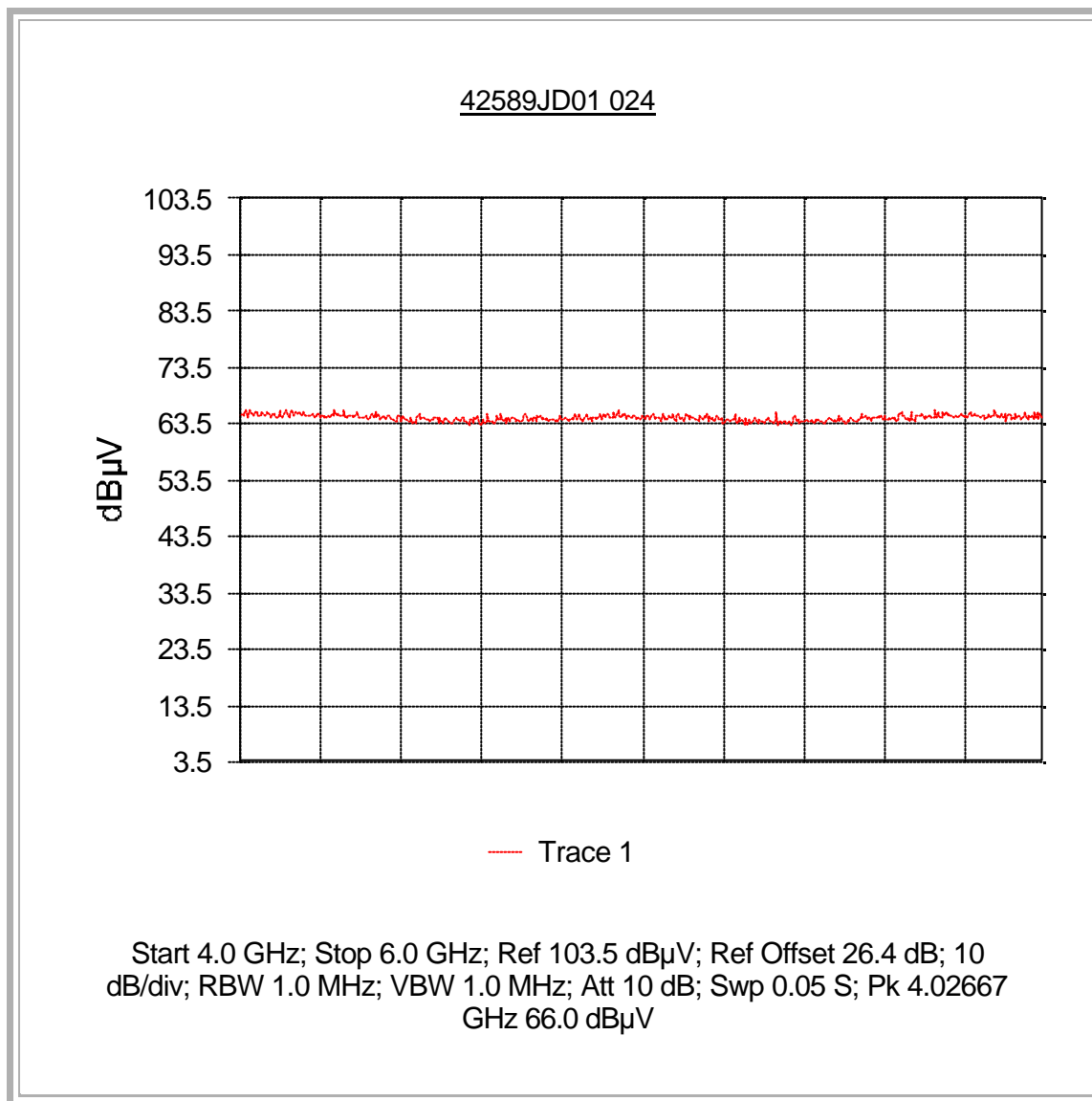
**42589JD01 023 Radiated Emissions  
6.000GHz to 8.200GHz, 450ns Pulse Width**





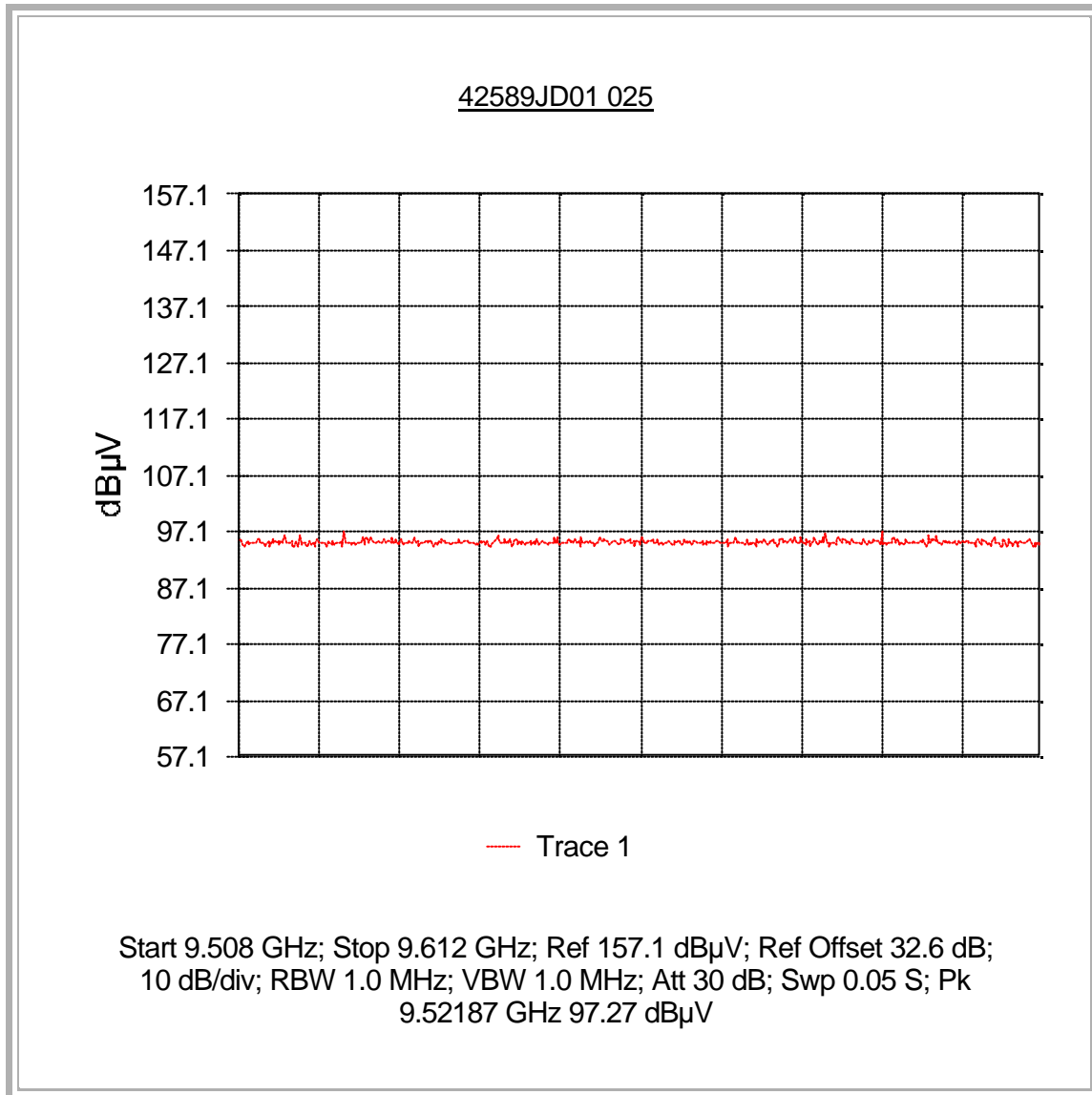
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To: FCC Part 80: 1998 and FCC Part 2: 1998**

**42589JD01 024 Radiated Emissions**  
**4.000GHz to 6.000GHz, 450ns Pulse Width**



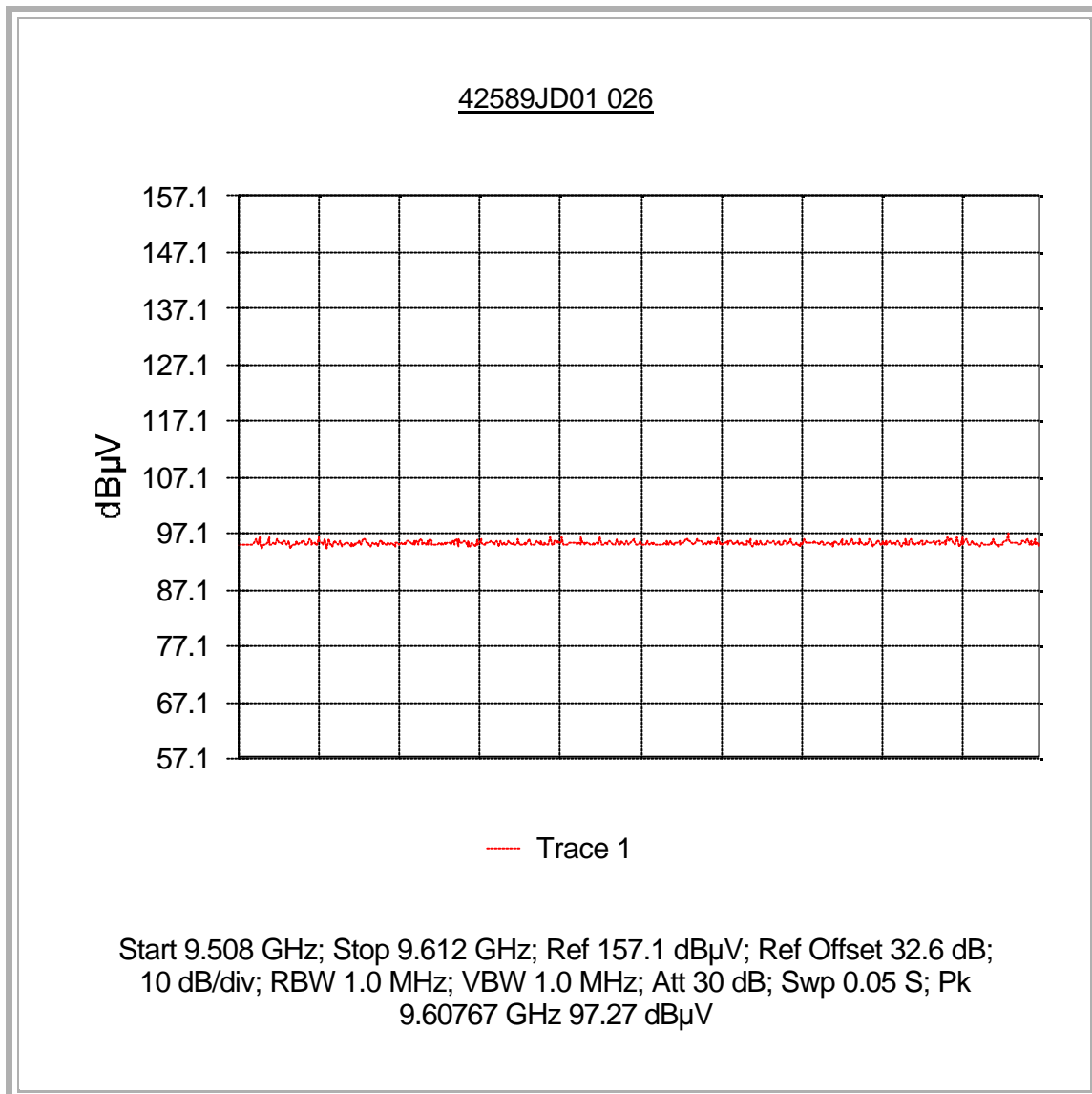
**Test Of: Raymarine Ltd.  
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To: FCC Part 80: 1998 and FCC Part 2: 1998**

**42589JD01 025 Radiated Emissions**  
**9.508GHz to 9.612GHz, 65ns Pulse Width**



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4D Light Marine Radome Radar Scanner  
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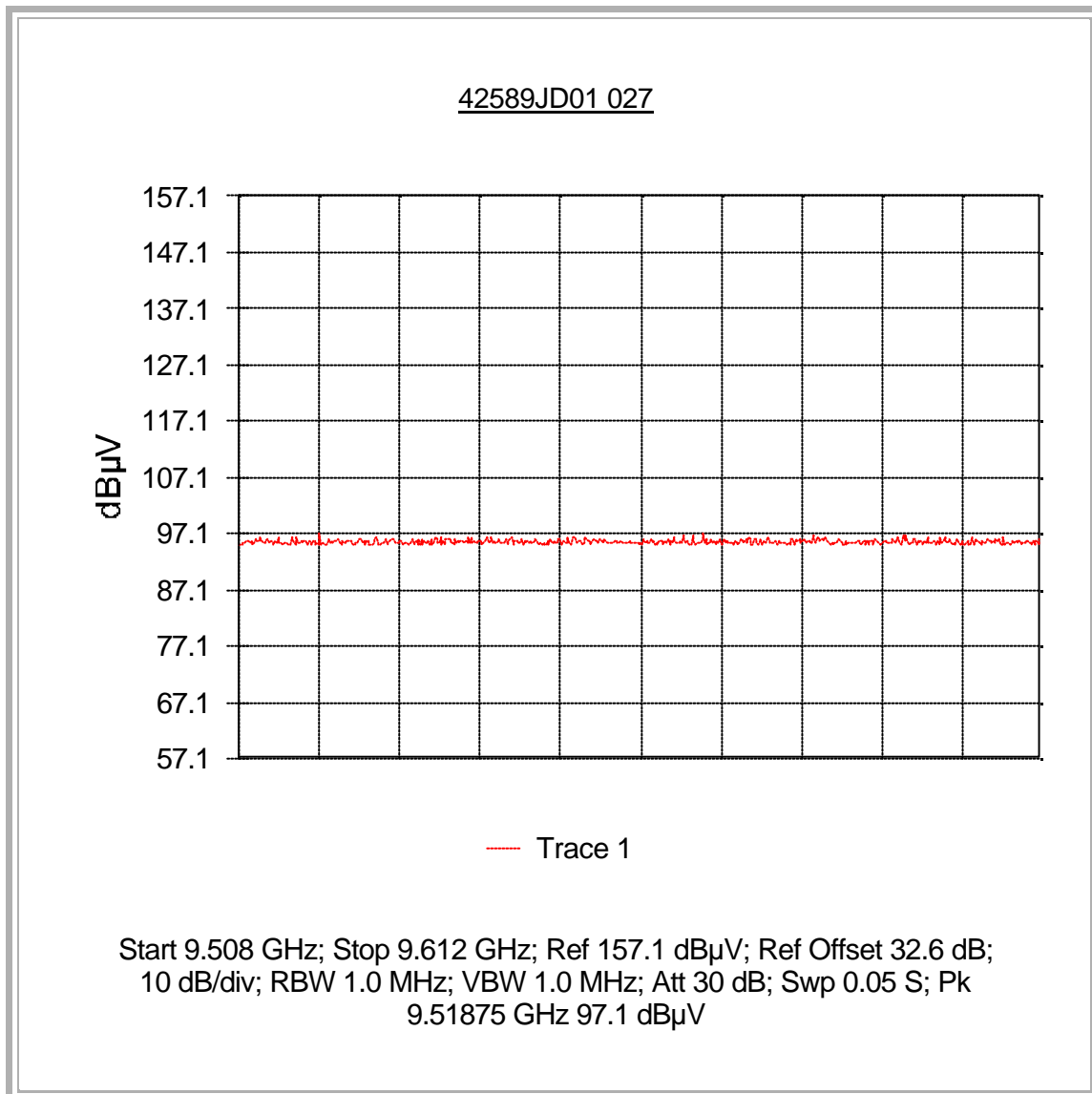
**42589JD01 026 Radiated Emissions**  
**9.508GHz to 9.612GHz, 450ns Pulse Width**



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**Test Of: Raymarine Ltd.  
4D Light Marine Radome Radar Scanner  
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**42589JD01 027 Radiated Emissions  
9.508GHz to 9.612GHz, 1000ns Pulse Width**



**Conformance Testing Department**

**Test Of: Raymarine Ltd.  
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**42589JD01 028 Radiated Emissions  
8.908GHz to 9.212GHz, 65ns Pulse Width**

