

**RADIO FREQUENCY INVESTIGATION LTD.****TEST REPORT**

Microwave Type Approval Department

S.No. RFI/MICB2/RP38756JD01

Page 37 of 37

Issue Date: 25 May 1999

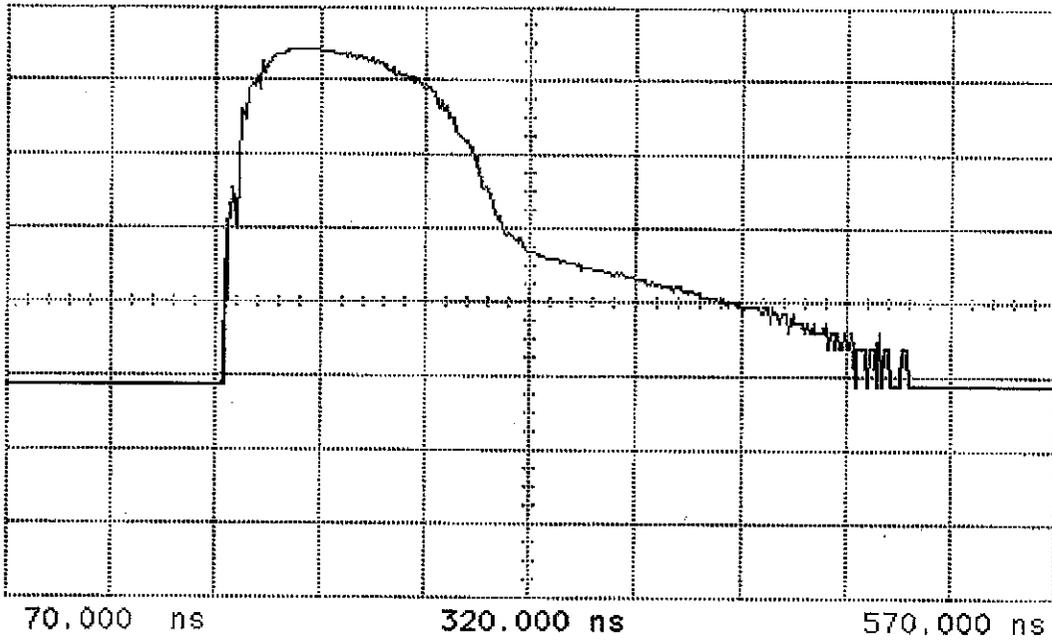
Test Of: Raytheon Marine Pathfinder R75RC

To: FCC Part 80 and FCC Part 2

<b>Graph Reference Number</b>	<b>Title Conducted Spurious Emissions</b>
GPH/38756/JD01/033	Spurious Emissions 9.61 GHz to 9.91 GHz
GPH/38756/JD01/034	Spurious Emissions 9.61 GHz to 9.91 GHz
GPH/38756/JD01/035	Spurious Emissions 9.61 GHz to 9.91 GHz
GPH/38756/JD01/036	Spurious Emissions 9.61 GHz to 9.91 GHz
GPH/38756/JD01/037	Spurious Emissions 9.61 GHz to 9.91 GHz
GPH/38756/JD01/038	Spurious Emissions 9.61 GHz to 9.91 GHz
GPH/38756/JD01/039	Spurious Emissions 9.61 GHz to 9.91 GHz
GPH/38756/JD01/040	Spurious Emissions 9.61 GHz to 9.91 GHz
<b>Graph Reference Number</b>	<b>Title Measured Pulse</b>
GPH/38756/JD01/001A	60ns Pulse Width
GPH/38756/JD01/002A	90ns Pulse Width
GPH/38756/JD01/003A	150ns Pulse Width
GPH/38756/JD01/004A	250ns Pulse Width
GPH/38756/JD01/005A	350ns Pulse Width
GPH/38756/JD01/006A	450ns Pulse Width
GPH/38756/JD01/007A	600ns Pulse Width
GPH/38756/JD01/008A	1000ns Pulse Width
<b>Graph Reference Number</b>	<b>Title Occupied Bandwidth</b>
GPH/38756/JD01/052	60ns Pulse Width
GPH/38756/JD01/051	90ns Pulse Width
GPH/38756/JD01/050	150ns Pulse Width
GPH/38756/JD01/049	250ns Pulse Width
GPH/38756/JD01/048	350ns Pulse Width
GPH/38756/JD01/047	450ns Pulse Width
GPH/38756/JD01/046	600ns Pulse Width
GPH/38756/JD01/045	1000ns Pulse Width

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

hp running



1 ref: 67.70  
10.0 dB/div  
ext loss: 47.7  
BW: HIGH

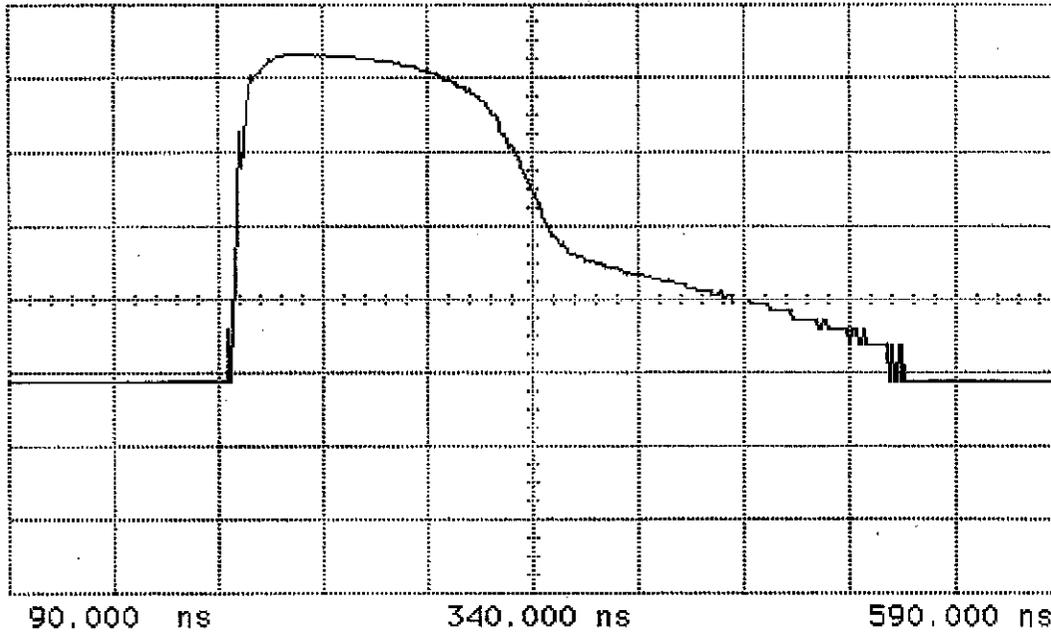
70.000 ns                      320.000 ns                      570.000 ns  
50.0 ns/div

pulsewidth(1) 62.874 ns      peak(1)      61.82 dBm

CPIH/387S6/5001/001A

1 f 37.1 dB

hp printing



↑ ref: 69.74  
10.0 dB/div  
ext loss: 47.7  
BW: HIGH

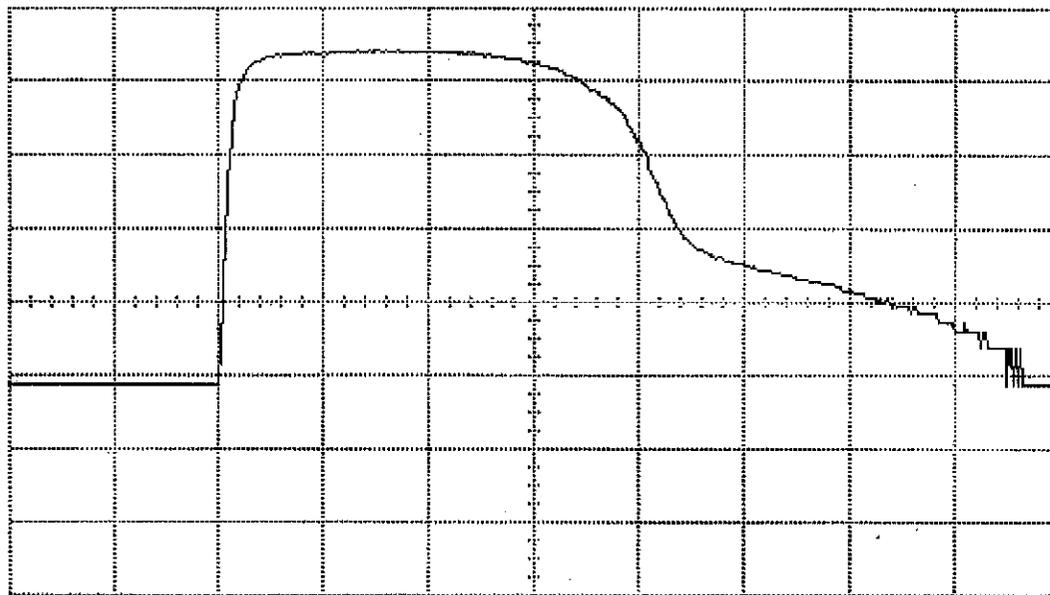
90.000 ns                      340.000 ns                      590.000 ns  
50.0 ns/div

pulsewidth(1) 89.820 ns      peak(1)                      62.90 dBm

GPH/38756/5001/002A

1 f 38.0 d

hp running



1 ref: 69.74  
10.0 dB/div  
ext loss: 47.7  
BW: HIGH

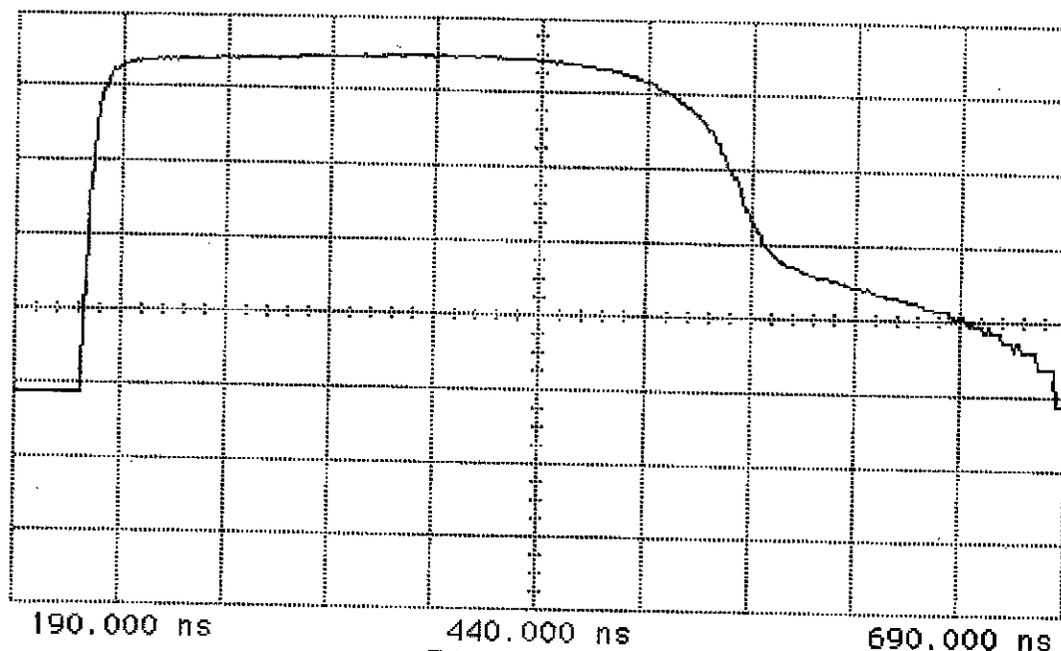
120.000 ns                      370.000 ns                      620.000 ns  
50.0 ns/div

pulsewidth(1) 149.701ns      peak(1)      63.70 dBm

C:\PH\35756\J001\003A

1 f 35.9 d

hp running



1 ref: 69.74  
10.0 dB/div  
ext loss: 47.70  
BW: HIGH

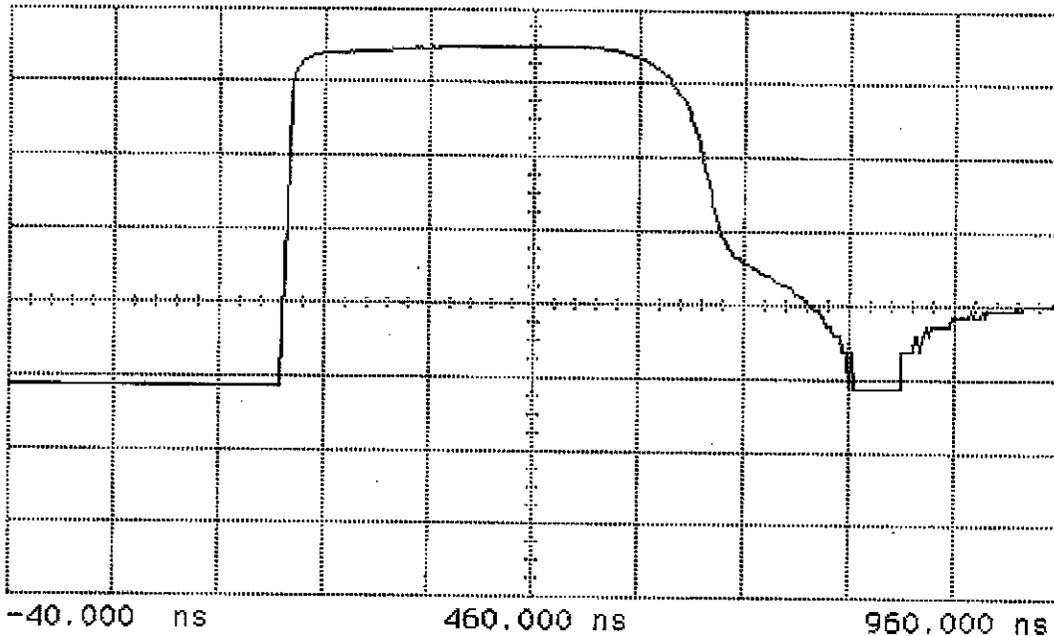
190.000 ns                      440.000 ns                      690.000 ns  
50.0 ns/div

pulsewidth(1) 252.495ns      peak(1)      64.44 dBm

CPI/387S6/J001/00AA

1  $\int$  35.9 dB

hp running



↑ ref: 69.74 ( )  
10.0 dB/div  
ext loss: 47.70  
BW: HIGH

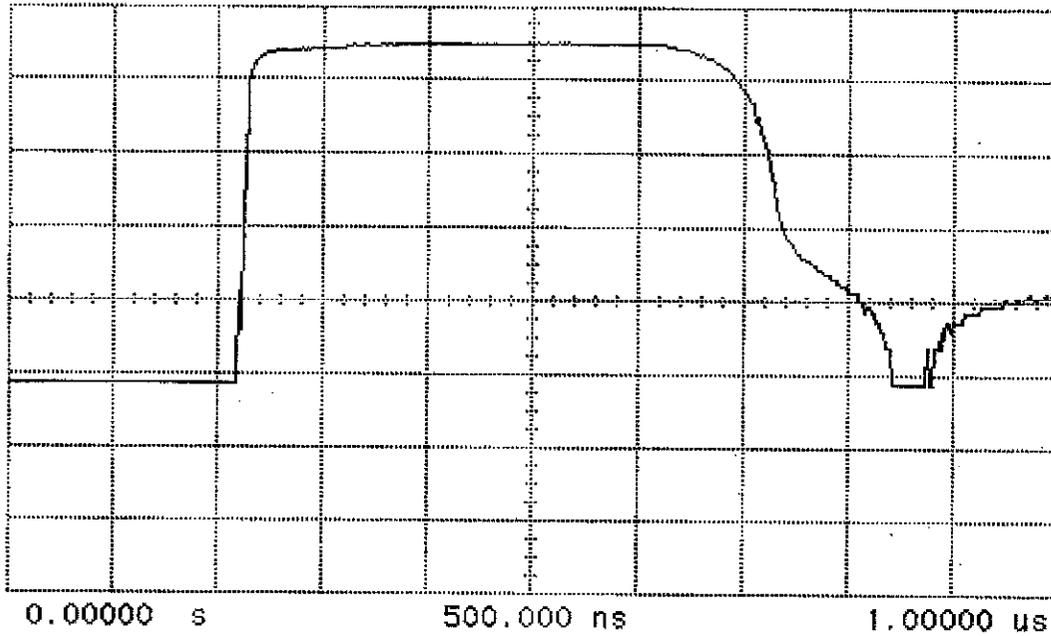
-40.000 ns                      460.000 ns                      960.000 ns  
100 ns/div

pulsewidth(1) 341.317ns      peak(1)      64.53 dBm

*EPH/38756/5001/005A*

1 ⌵ 35.9 dB

hp running



1 ref: 69.74 ( )  
10.0 dB/div  
ext loss: 47.70  
BW: HIGH

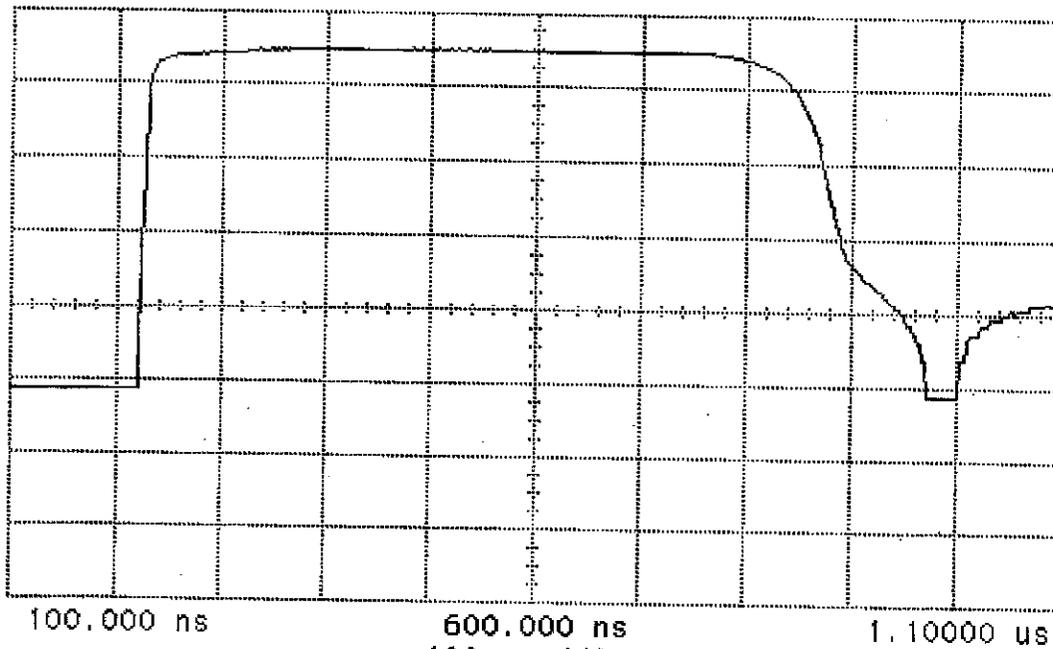
0.00000 s                      500.000 ns                      1.00000 us  
100 ns/div

pulsewidth(1) 443.114ns      peak(1)      64.65 dBm

GPM/38756/5001/006A

1    35.9 dB

hp running



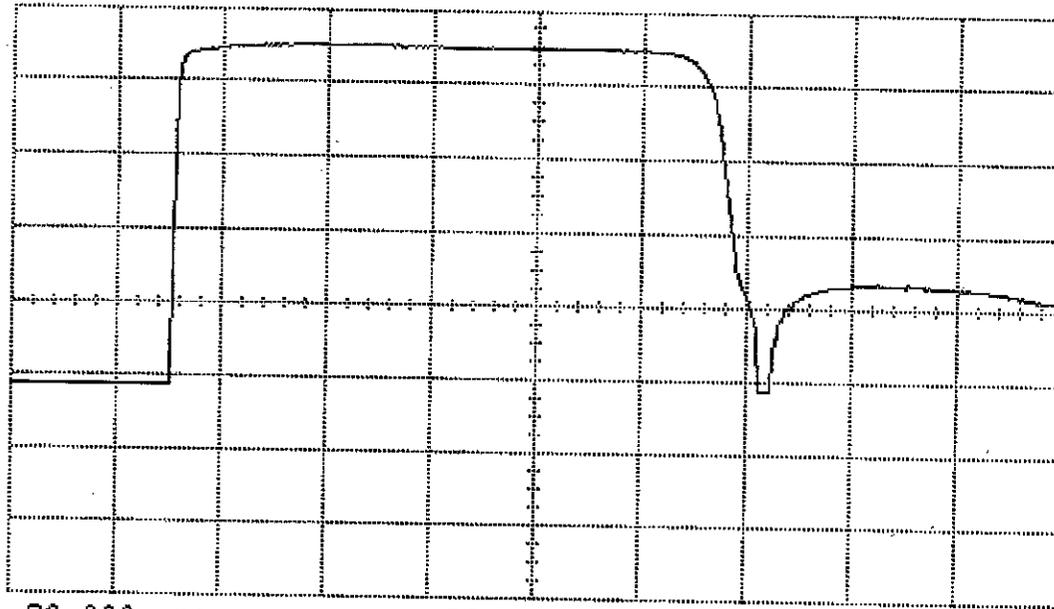
1 ref: 69.74 c  
10.0 dB/div  
ext loss: 47.7C  
BW: HIGH

100.000 ns                      600.000 ns                      1.10000 us  
100 ns/div  
pulsewidth(1) 596.806ns      peak(1)                      64.67 dBm

C1A1/38756/J001/007A

1 f 35.9 dB

hp running



↑ ref: 69.74  
10.0 dB/div  
ext loss: 47.7  
BW: HIGH

-80.000 ns                      920.000 ns                      1.92000 us  
200 ns/div

pulsewidth(1) 986.028ns      peak(1)      64.78 dBm

CPI/38756/5001/008A

↑ f 34.6 dB