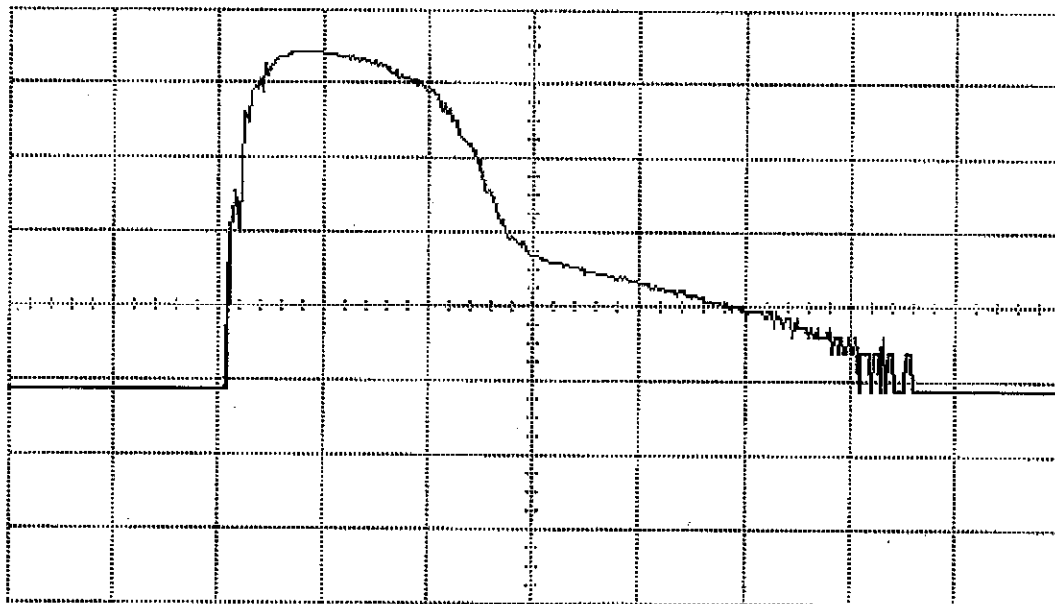


**RADIO FREQUENCY INVESTIGATION LTD.****Microwave Type Approval Department****Test Of: Raytheon Marine Pathfinder R75RC**  
**To: FCC Part 80 and FCC Part 2****TEST REPORT****S.No. RFI/MICB2/RP38756JD01****Page 37 of 37****Issue Date: 25 May 1999**

| <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

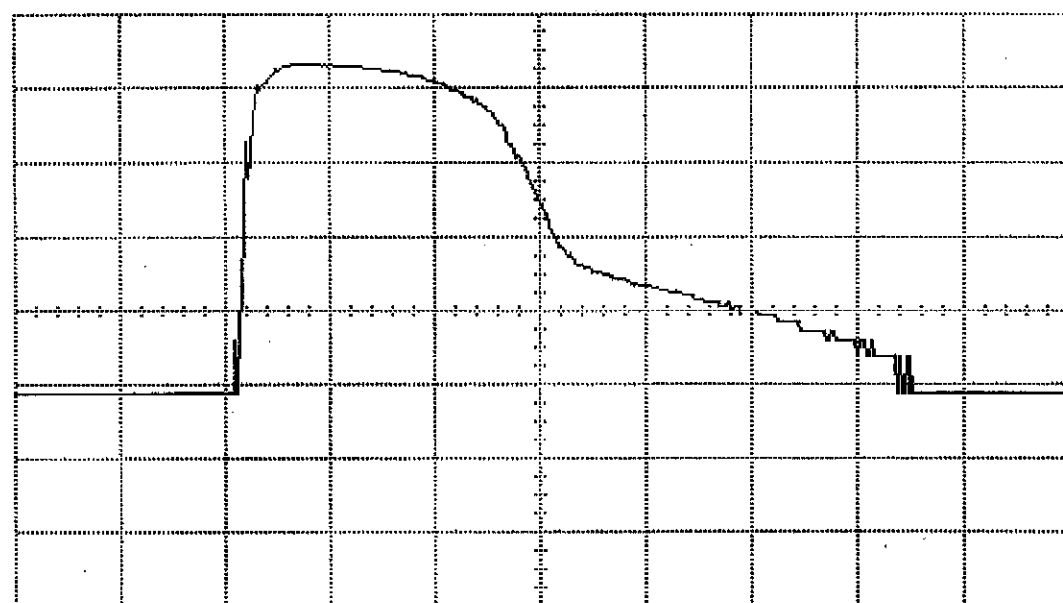
50.0 ns/div

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

GPH/387S6/5001/001A

1 f 37.1 dB

hp printing



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

90.000 ns 340.000 ns 590.000 ns

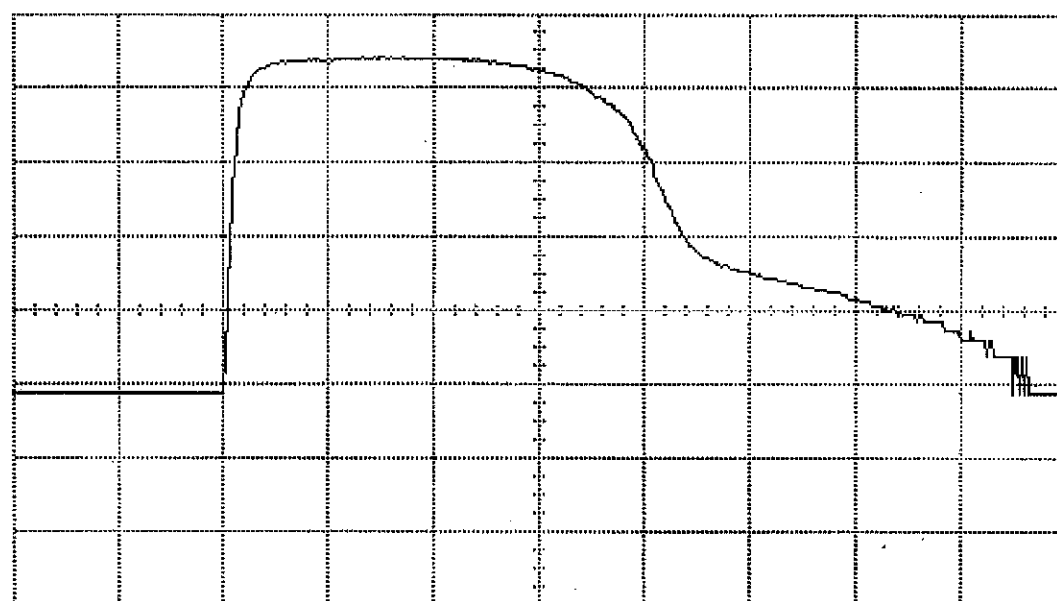
50.0 ns/div

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

GPH/38756/5001/002A

1 38.0 d

hp running



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

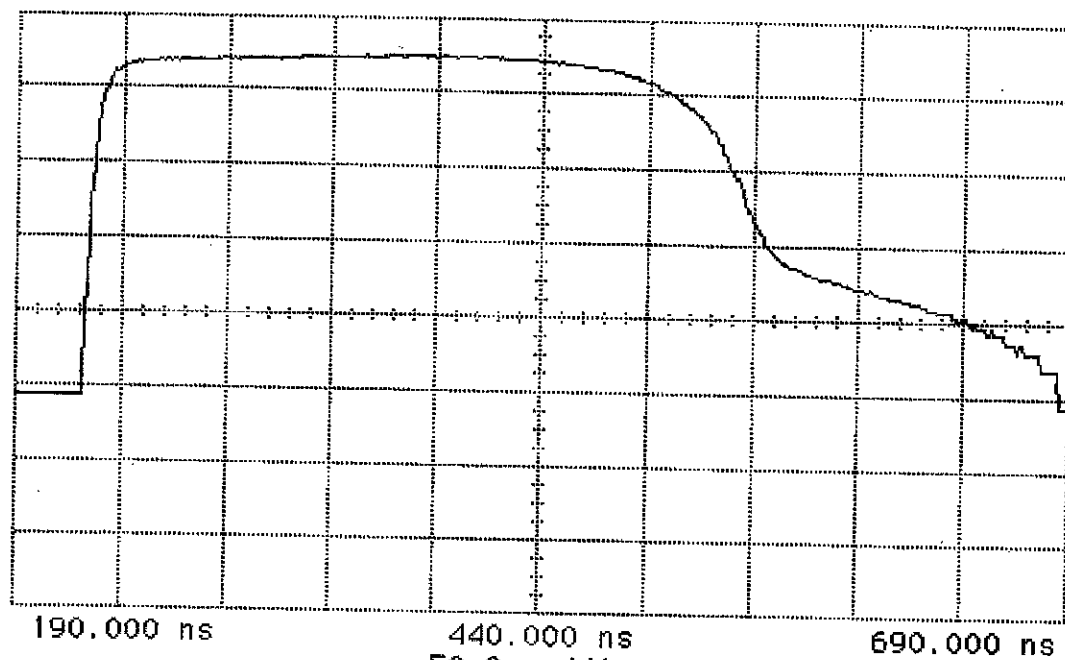
120.000 ns      370.000 ns      620.000 ns  
50.0 ns/div

pulsewidth(1) 149.70ns      peak(1) 63.70 dBm

GPH|38756|J001|003A

1 f 35.9 d

hp running



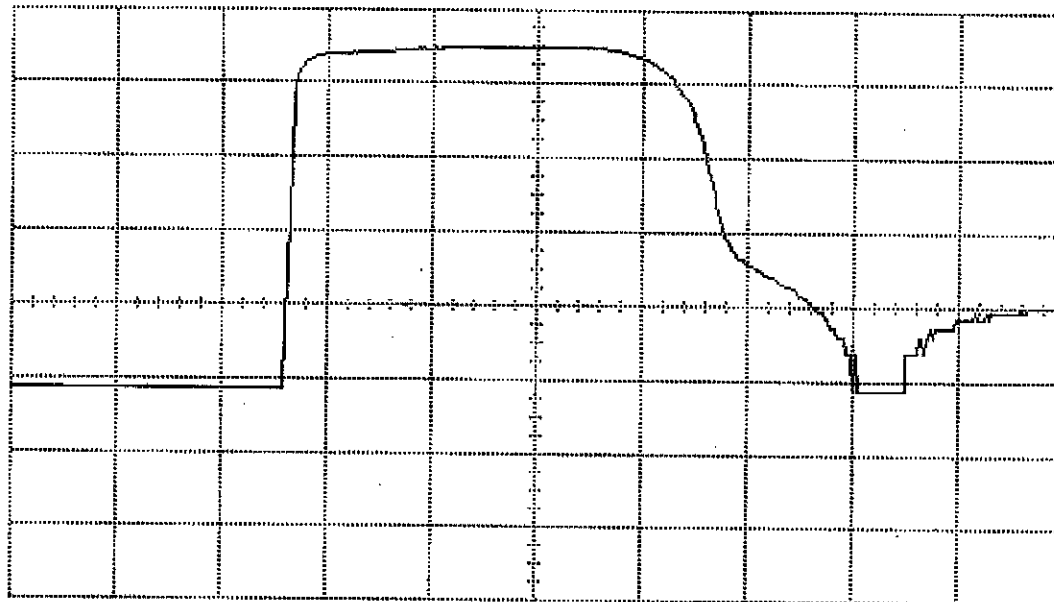
1 ref: 69.74  
10.0 dB/div  
ext loss: 47.70  
BW: HIGH

190.000 ns 440.000 ns 690.000 ns  
50.0 ns/div  
pulsewidth(1) 252.495ns peak(1) 64.44 dBm

GPH/387S6/J001/00AA

1 35.9 dB

hp running



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

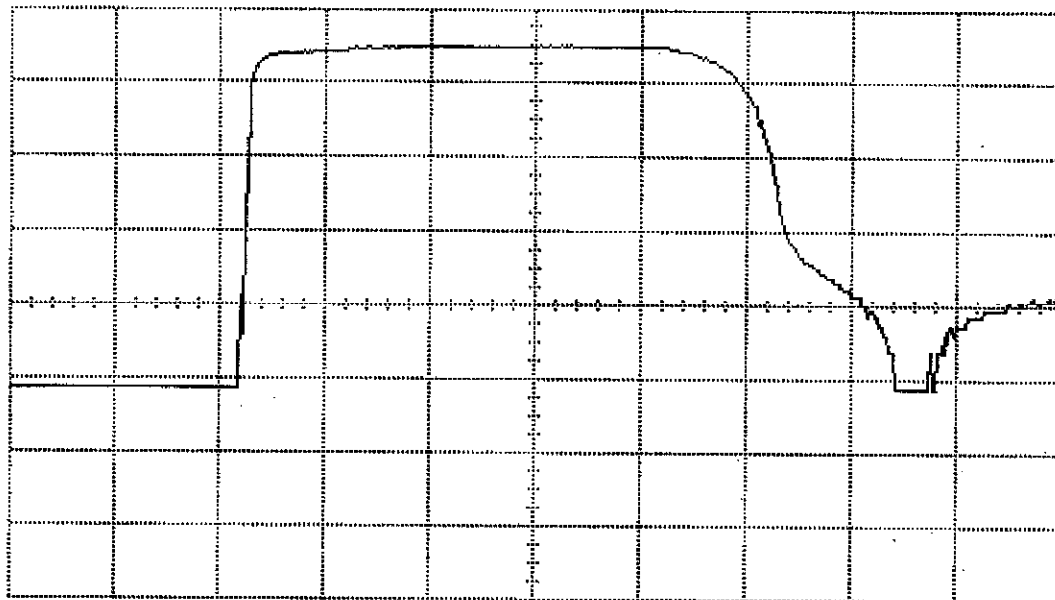
-40.000 ns      460.000 ns      960.000 ns  
100 ns/div

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

QPH/38756/5001/005A

1 35.9 dB

hp running



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

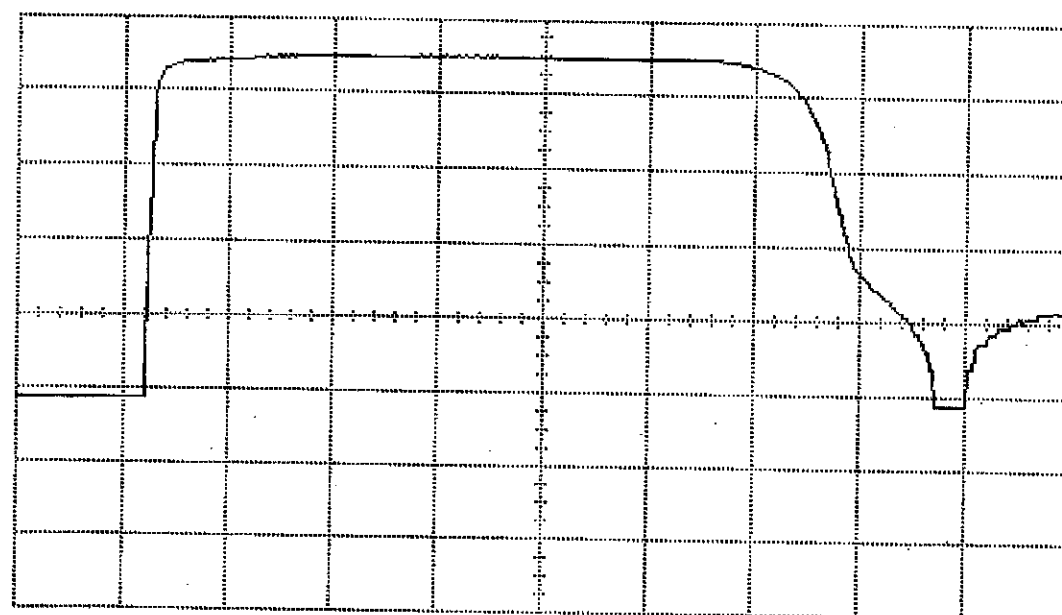
0.00000 s 500.000 ns 1.00000 us  
100 ns/div

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: 47.70  
BW: HIGH

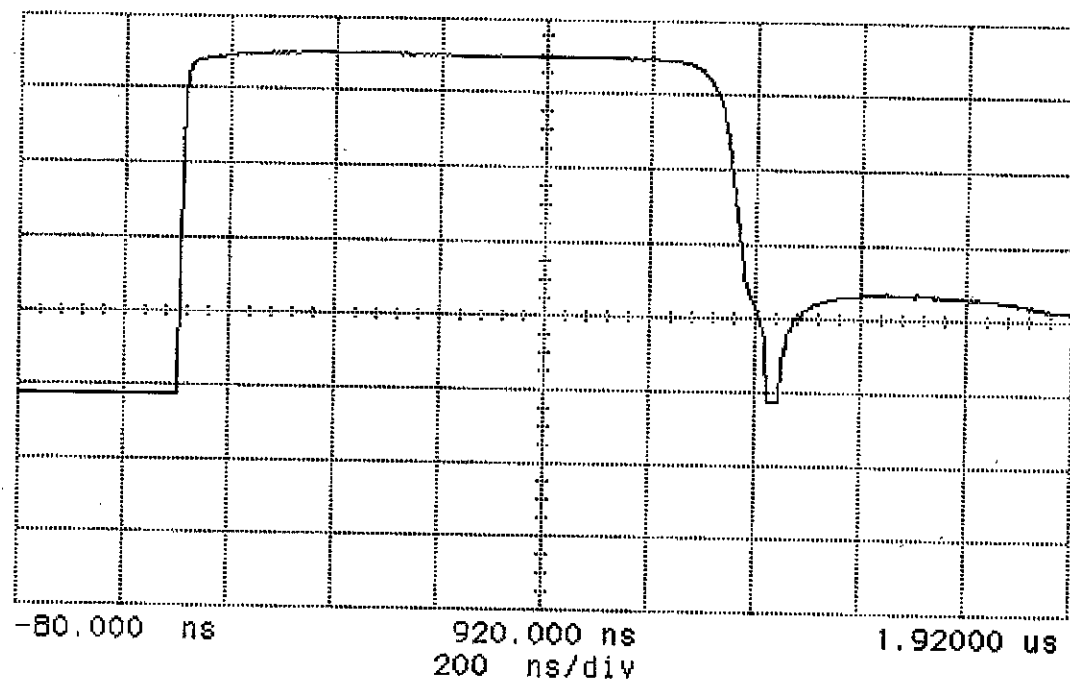
100.000 ns      600.000 ns      1.10000 us  
100 ns/div

pulsewidth(1) 596.806ns      peak(1)      64.67 dBm

C1P1/38756/5001/007A

1 f 35.9 dB

hp running



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

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

CPH/38756/J001/008A

1 34.6 dB