

DESCRIPTION

Immersion Transducer

Model Number: TB-0304

Serial Number: 00659

TRANSDUCER SPECIFICATIONS

Nominal Frequency: 150 MHz

Element Diameter: 1.6 mm

Nominal Delay Line Length: 4.25 μ s

Focal length: 5.9 mm

Lens Diameter: 2.7 mm

TEST EQUIPMENT AND CONDITIONS

Pulser/Receiver: JSR Ultrasonics PureView-U

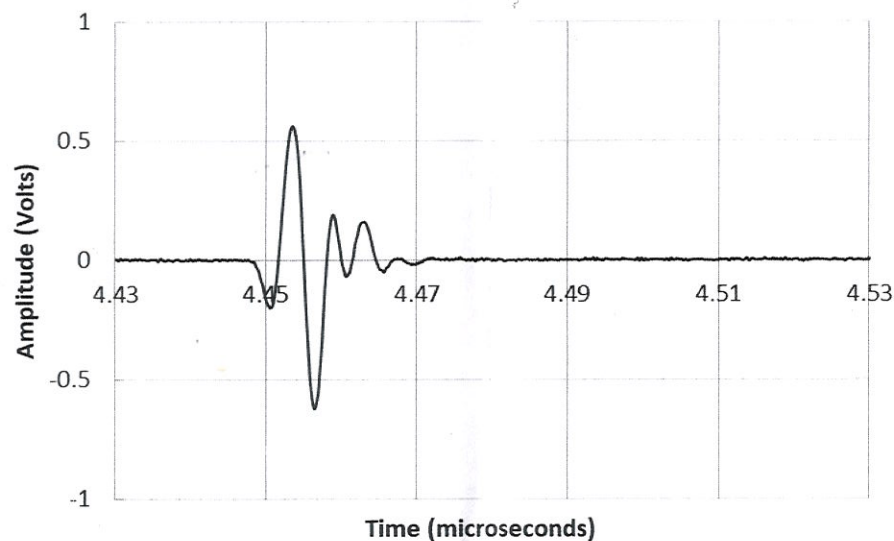
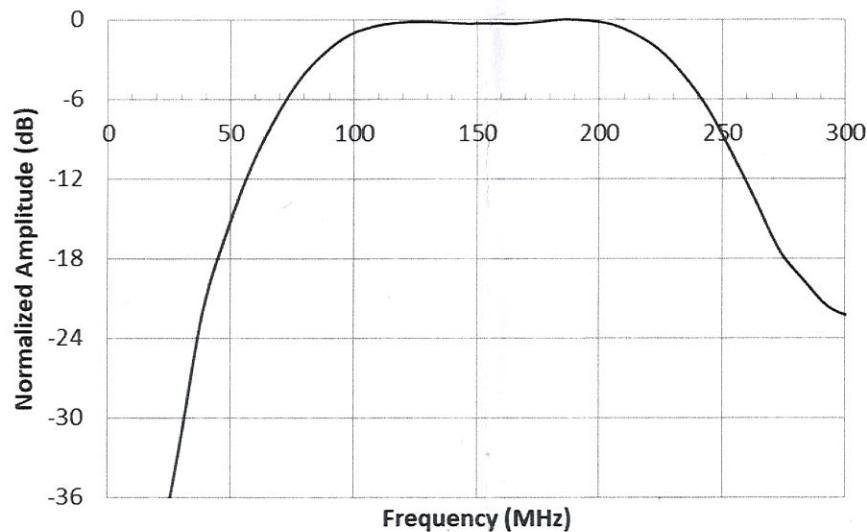
Settings: 5 dB Gain; 50 ohm Damping

Cable: 6 inch RG174 (50 Ohm)

Target: Stainless Steel Sphere; 0.438 in Diameter

Approx. Round Trip Water Path Length: 0.20 mm

Test Date: June 1, 2023

WAVEFORM (Signal Reflected from Target)**SPECTRUM**

Center Frequency: 152.5 MHz
Peak Frequency: 185.5 MHz
-6dB Bandwidth: 116%