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DESCRIPTION

Immersion Transducer

Model Number: TB-0201

Serial Number: 01050

TRANSDUCER SPECIFICATIONS

Nominal Frequency: 110 MHz

Element Diameter: 2.4 mm

Nominal Delay Line Length: 4.25 μ s

Focal length: 8.0 mm

Lens Diameter: 2.7 mm

TEST EQUIPMENT AND CONDITIONS

Pulser/Receiver: JSR Ultrasonics PureView-U

Settings: 0 dB Gain; 50 ohm Damping

Cable: 20 cm Length, 25 Ohm Impedance

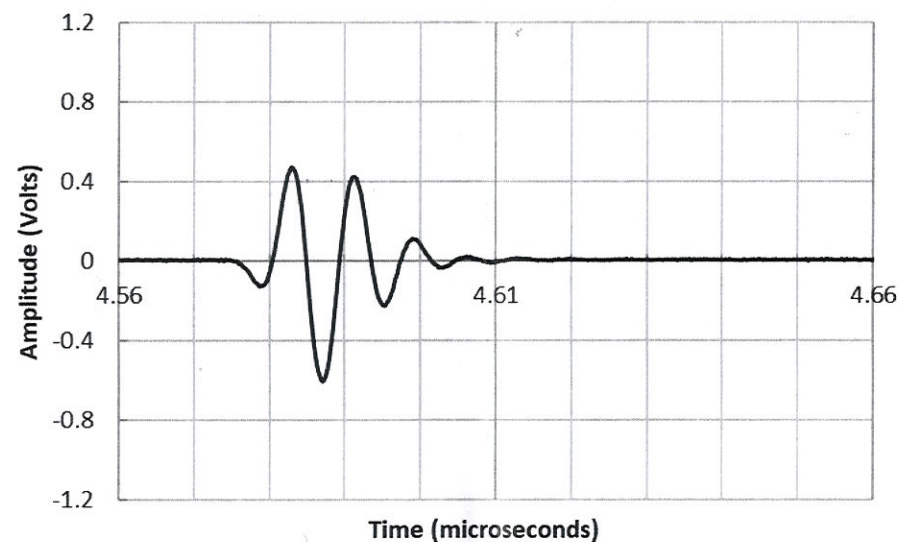
Target: Stainless Steel Sphere; 15.0 mm Diameter

Approx. Round Trip Water Path Length: 0.27 mm

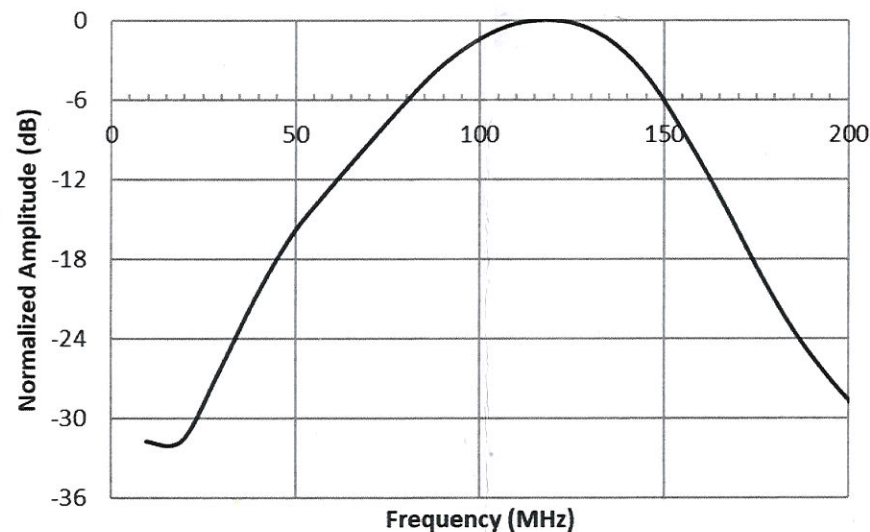
Test Date: February 13, 2025

TRANSDUCER DATA SHEET

WAVEFORM (Signal Reflected from Target)



SPECTRUM



Center Frequency: 115.1 MHz
Peak Frequency: 117.2 MHz
-6dB Bandwidth: 59.9%