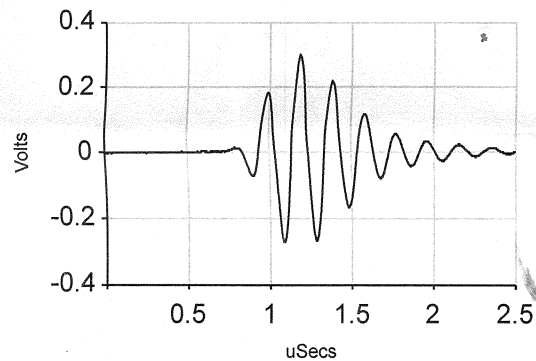


Transducer Certificate of Conformity

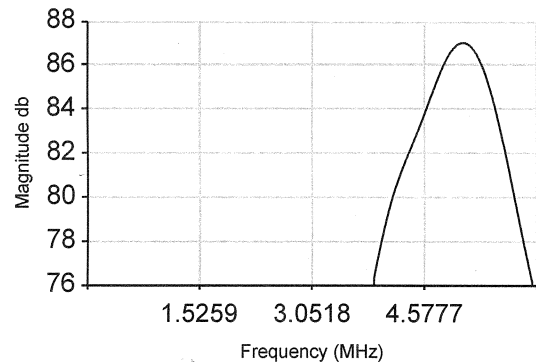
Part Number	113-224-700
Description	FDEP--XDCR ADP 5X.25 BNC
Serial Number	24E0031N
Test Result	Pass
Test Date	05/17/2024
Inspector	JG
Test Procedure	0510988

Real Time Waveform



* Waveform is first return echo from indicated target.

Frequency Spectrum



Test Data

Test Parameter	Units	Lower Spec Lim.	Measured	Upper Spec Lim.
Loop Sensitivity	dB	NA	-73.04	NA
Center Frequency	MHz	4.5	4.97	5.5
Peak Frequency	MHz	4.5	5.08	5.5
Bandwidth @ -6dB	%	20	29	50
20dB Ringdown	µs	NA	1.11	NA
JSR Gain	dB	NA	23.9	30

Calibrated Test Equipment

Item	Description	Serial No.	Cal. Due
Pulser	JSR DPR300	DF0102	12/06/2024
Oscilloscope	Tektronix TDS2012C	C051687	01/17/2025
Target	.75" STEP(118-540-320)	66/20	4/24/2026
Func. Generator	NA	NA	NA

JSR Pulser Settings

Rec. Imp.	Pul. Imp.	Energy	Voltage	Mode	HP Filter	LP Filter
101 Ohms	LOW	MID-LOW	300	THRU	1.0 MHz	22.5 MHz

Declaration:

The Ultrasonic Transducer in this document has been performance tested and meets all manufacturing specifications.

We certify that the product mentioned was subjected to a quality inspection and testing procedure. It conforms to our manufacturing drawings, meets our specifications and compliant to ASTM E-1065 guidelines. All measuring tools used for testing are calibrated and traceable to national or international standards. Our quality management system is certified according to EN ISO 9001.

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