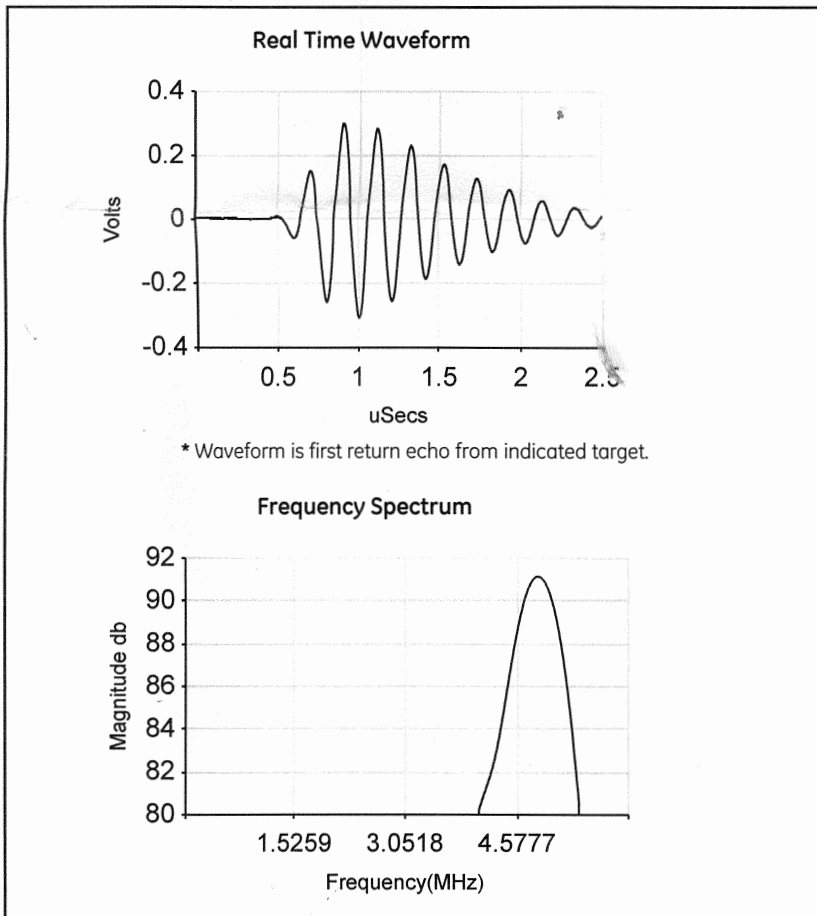




Transducer Certificate of Conformity	
Part Number	113-224-681
Description	FDEP--XDCR DUAL RC 5X.25
Serial Number	S000048
Test Date	06/05/2019
Inspector	JD
Test Procedure	0511301



Test Data				
Test Parameter	Units	Lower Spec Lim.	Measured	Upper Spec Lin
Loop Sensitivity	dB	-79	-75.65	-71
Center Frequency	MHz	4.5	4.82	5.5
Peak Frequency	MHz	4.5	4.85	5.5
Bandwidth @ -6dB	%	NA	18	NA
20dB Ringdown	µs	NA	1.79	NA
JSR Gain	dB	NA	38.3	NA

Calibrated Test Equipment			
Item	Description	Serial No.	Cal. Due
Pulser	JSR DPR300	DA0518	04/10/2020
Oscilloscope	Tektronix TDS2012C	C048089	09/01/2019
Target	.75" STEP(118-540-320)	66/20	04/13/2022
Func. Generator	NA	NA	NA

JSR Pulser Settings						
Rec. Imp.	Pul. Imp.	Energy	Voltage	Mode	HP Filter	LP Filter
50 Ohms	High	MID-HIGH	100	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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