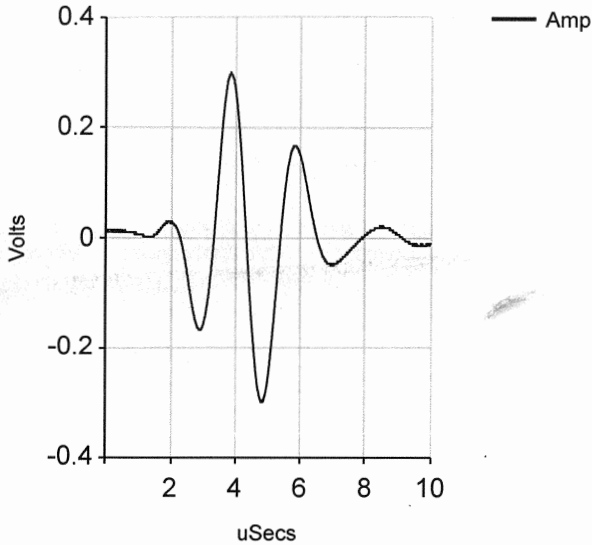




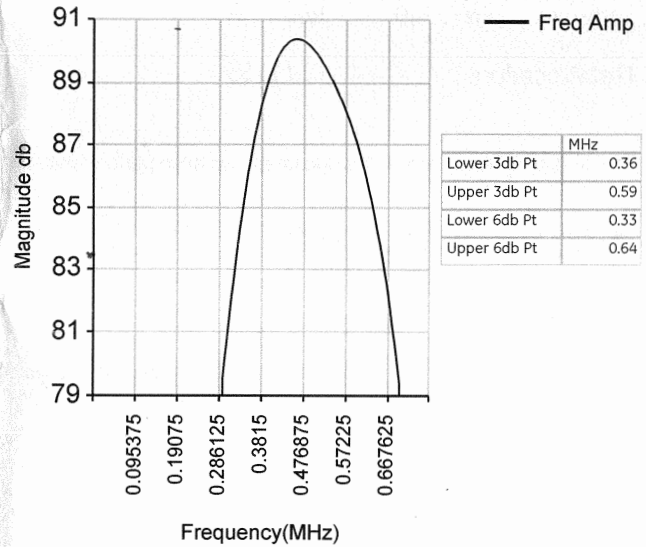
Transducer Certificate of Conformity
Compliant to ASTM E-1065

Date 11/15/2018 Serial Number S000013
Part Number 113-260-043 Description FDCP--XDCR CRRHP .5X1 BNC

Real Time Waveform



Frequency Spectrum



Waveform is first return echo from indicated target.

UTA	Setting
Receiver Imp	288
Pulser Imp	LOW
Energy	LOW
Voltage	100
Mode	T/R
Pulser	UTA
HP Filter	DC
LP Filter	10 MHz
Target	3.0" 303 Steel

Test Data

Test	Min	Measured	Max
Loop Sensitivity(db)	-57	-51.62	-49
Center Freq(MHz)		0.48	
Peak Freq(MHz)	0.45	0.46	0.55
6db Bandwidth %	50	64	
20db Ringdown(usec)		5.516	7.5

UTA SN DF0100
 UTA Cal Due Date 07/01/2021
 O-Scope SN C046920
 O-Scope Cal Date 02/01/2019
 Target SN 1157/20

UTA Gain	12
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Transducer Certificate of Conformity
Compliant to ASTM E-1065

Date	11/15/2018	Serial Number	S000013
Part Number	113-260-043	Description	FDCP--XDCR CRRHP .5X1 BNC
Inspector	JD		
Software	FNT0040	Rev	H
Test Procedure	0511153		

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

The accuracy of the transducer described above has been confirmed by factory standard test equipment and laboratory reference standards traceable to the National Institute of Standards and Technology. This facility's Quality System is registered to ISO 9001-2008 and is compliant to MIL-STD-45662A and ANSINCSL Z540-1-1994.

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