

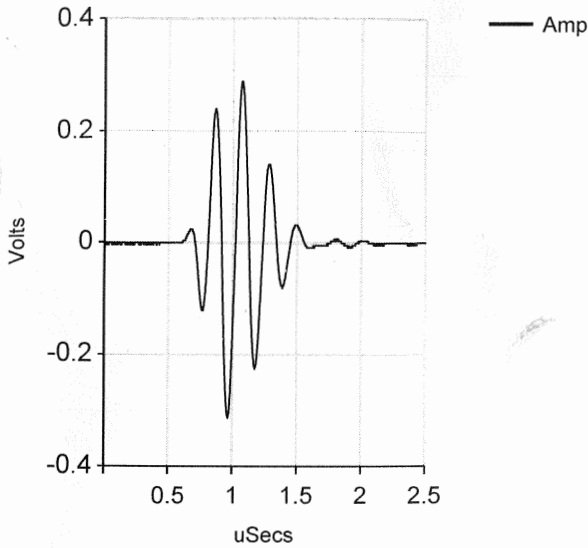


Transducer Certificate of Conformity  
Compliant to ASTM E-1065

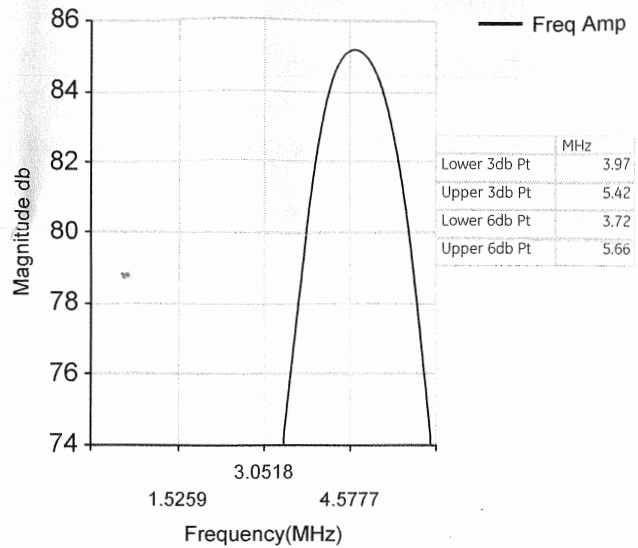
Date 10/19/2017  
Part Number 113-244-580

Serial Number 17102068  
Description FABP--XDCR MSWS 5X.50 MD

Real Time Waveform



Frequency Spectrum



Waveform is first return echo from indicated target.

UTA	Setting
Receiver Imp	50
Pulser Imp	LOW
Energy	MID-HIGH
Voltage	300
Mode	T/R
Pulser	UTA
HP Filter	1.0 MHz
LP Filter	22.5 MHz
Target	1.0" PLEXI GLASS
UTA Gain	1.9

Test Data

Test	Min	Measured	Max
Loop Sensitivity(db)	-52	-51.8	-46
Center Freq(MHz)		4.69	
Peak Freq(MHz)	4.5	4.65	5.5
6db Bandwidth %	38	41	70
20db Ringdown(usec)		0.782	1

UTA SN DA0445  
 UTA Cal Due Date 04/25/2018  
 O-Scope SN C024477  
 O-Scope Cal Date 10/31/2017  
 Target SN na




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Date	10/19/2017	Serial Number	17102068
Part Number	113-244-580	Description	FABP--XDCR MSWS 5X.50 MD
Inspector	jpt		
Software	FNT0040	Rev	H
Test Procedure	0511089		

The Ultrasonic Transducer listed 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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