

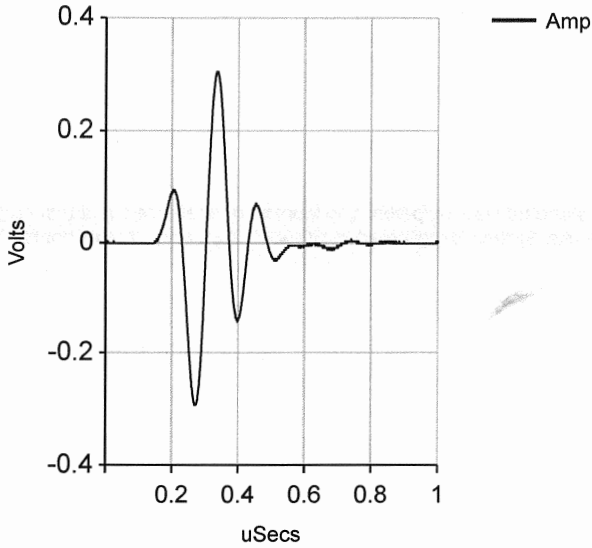


Transducer Certificate of Conformity  
Compliant to ASTM E-1065

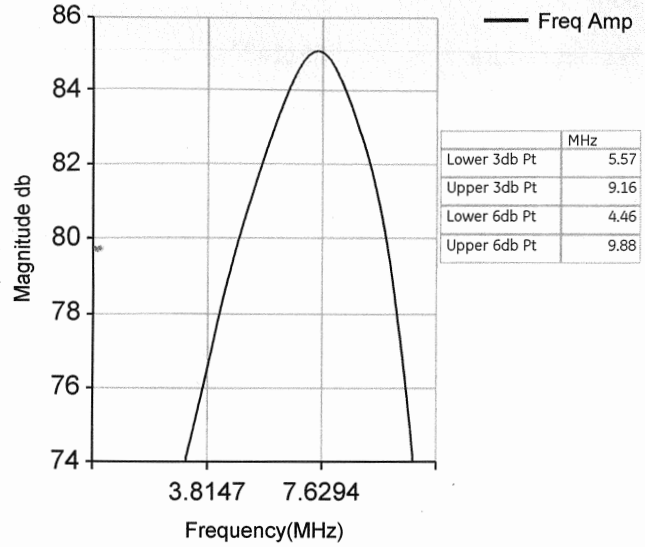
Date 01/17/2018  
Part Number 113-125-591

Serial Number S000016  
Description FABP--MSWQC-ALP 7.5X.25

Real Time Waveform



Frequency Spectrum



Waveform is first return echo from indicated target.

UTA	Setting
Receiver Imp	50
Pulser Imp	High
Energy	LOW
Voltage	100
Mode	T/R
Pulser	UTA
HP Filter	2.5 MHz
LP Filter	35 MHz
Target	.38 Plexi Glass

Test Data

Test	Min	Measured	Max
Loop Sensitivity(db)	-54	-51.1	-48
Center Freq(MHz)		7.17	
Peak Freq(MHz)	7	7.4	8
6db Bandwidth %		75	
20db Ringdown(usec)		0.344	0.4

UTA SN DA0517  
UTA Cal Due Date 02/22/2018  
O-Scope SN C047620  
O-Scope Cal Date 10/03/2018

Target SN


UTA Gain	14.9
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Date	01/17/2018	Serial Number	S000016
Part Number	113-125-591	Description	FABP--MSWQC-ALP 7.5X.25
Inspector	5759		
Software	FNT0040	Rev	H
Test Procedure	0511420		

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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