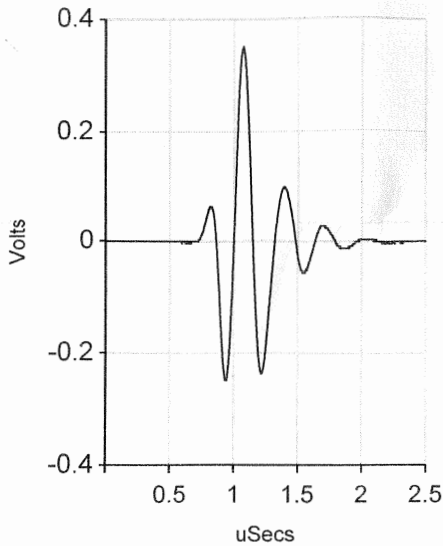




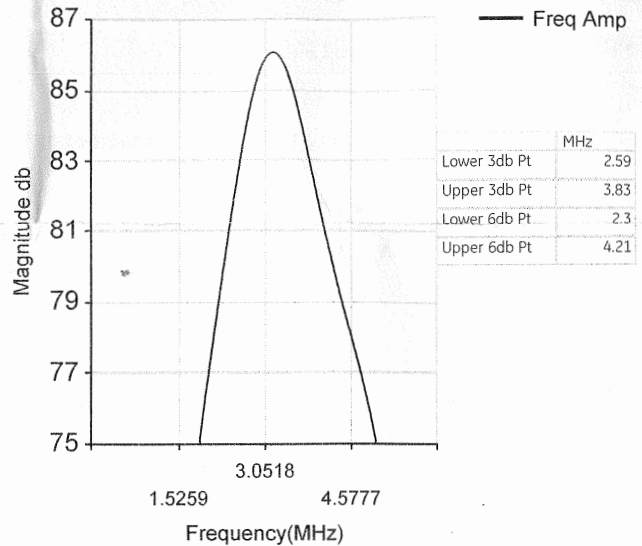
Transducer Certificate of Conformity
Compliant to ASTM E-1065

Date 08/23/2017 Serial Number 17H00TXA
Part Number 113-223-591 Description FABP--MSWQC-BMC 3.5X.25

Real Time Waveform



Frequency Spectrum



Waveform is first return echo from indicated target.

UTA	Setting
Receiver Imp	213
Pulser Imp	LOW
Energy	LOW
Voltage	100
Mode	T/R
Pulser	UTA
HP Filter	1.0 MHz
LP Filter	22.5 MHz
Target	.375" Plexiglass

Test Data

Test	Min	Measured	Max
Loop Sensitivity(db)	-32	-28.89	-26
Center Freq(MHz)		3.26	
Peak Freq(MHz)	3	3.17	4
6db Bandwidth %		58	
20db Ringdown(usec)		0.819	1.3

UTA SN DA0518
 UTA Cal Due Date 10/31/2017
 O-Scope SN C020916
 O-Scope Cal Date 10/31/2017
 Target SN PX-275

UTA Gain -9.6



Transducer Certificate of Conformity
Compliant to ASTM E-1065

Date	08/23/2017	Serial Number	17H00TXA
Part Number	113-223-591	Description	FABP--MSWQC-BMC 3.5X.25
Inspector	R. Watkins		
Software	FNT0040	Rev	H
Test Procedure	0511400		

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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