

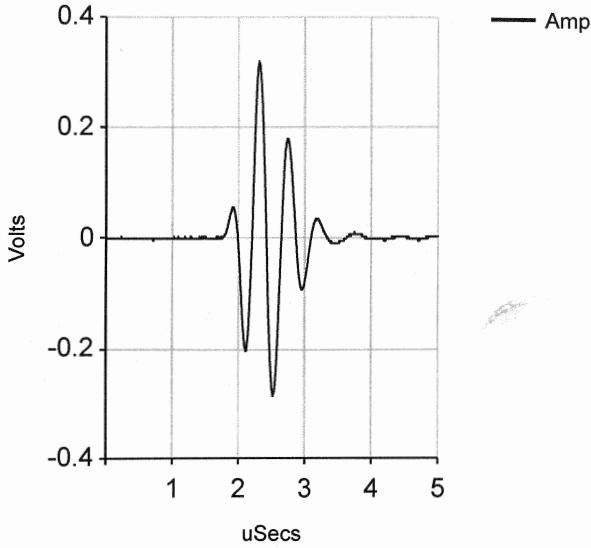


Transducer Certificate of Conformity
Compliant to ASTM E-1065

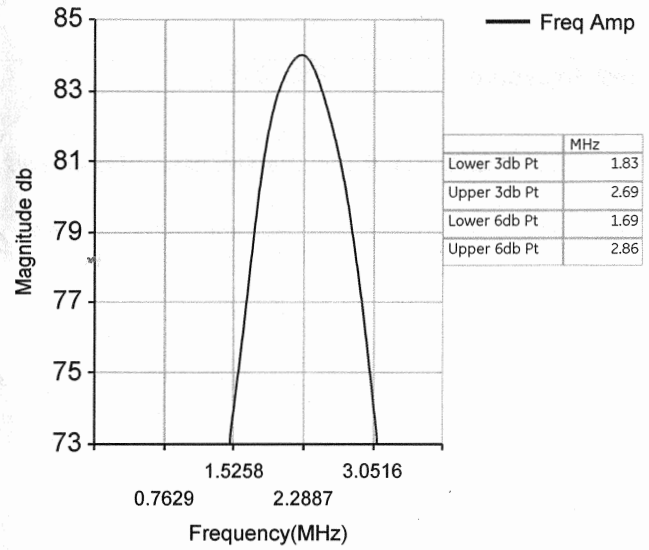
Date 11/19/2018
Part Number 113-222-580

Serial Number S000046
Description FABP--XDCR MSWS 2.25X.25

Real Time Waveform



Frequency Spectrum



Waveform is first return echo from indicated target.

UTA	Setting
Receiver Imp	101
Pulser Imp	LOW
Energy	MID-LOW
Voltage	100
Mode	T/R
Pulser	UTA
HP Filter	1.0 MHz
LP Filter	22.5 MHz
Target	1.0" PLEXI GLASS

UTA Gain	10
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Test Data

Test	Min	Measured	Max
Loop Sensitivity(db)	-53	-49.94	-47
Center Freq(MHz)		2.27	
Peak Freq(MHz)	2	2.26	2.5
6db Bandwidth %		51	
20db Ringdown(usec)		1.373	1.9

UTA SN DF0517
 UTA Cal Due Date 07/01/2021
 O-Scope SN C051671
 O-Scope Cal Date 02/01/2019
 Target SN 90/20



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Date	11/19/2018	Serial Number	S000046
Part Number	113-222-580	Description	FABP--XDCR MSWS 2.25X.25
Inspector	JD		
Software	FNT0040	Rev	H
Test Procedure	0511018		

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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