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GE Inspection Technologies

Krautkramer Transducer Certification

Compliant to ASTM E-1065 Guidelines

Date: 2/22/2013
 Product Code: 389-078-800
 Serial Number: 13B011MG
 Description: DFR3,3.5MHZ/.375"BENCHMARK

Test Setup--

Test Target: Delay
 Energy: 2
 Impedance: 50 Ohms

Equipment Used:

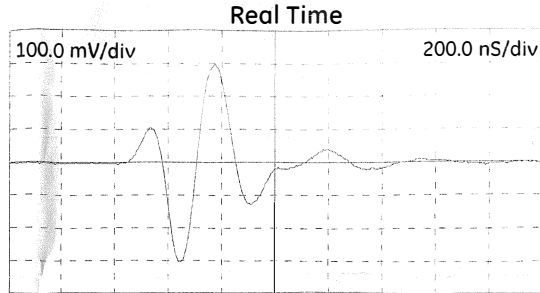
UTA Pulser: UTA5
 UTA S/N: MM00114
 UTA Cal Due Date: 9/17/2013
 O-scope SN: B012087
 O-scope Cal Due Date: 10/31/2013

Software: FNT0040 Rev: H

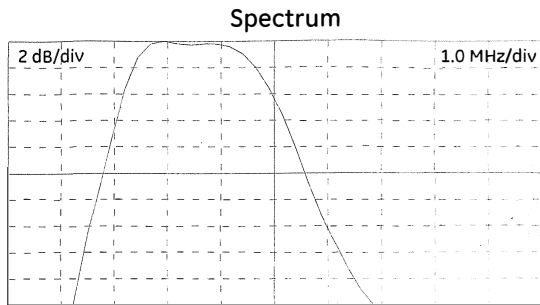
Test Data--

Sensitivity(Abs db): -19.80 dB
 Pulse Duration@-20dB: 7.39E-07 Sec
 Peak Frequency: 2.93E+06 Hz
 Center Frequency: 3.54E+06 Hz
 % Bandwidth@-6dB: 89.0 %

Inspector: CY



Waveform is the first Return Echo from the indicated target.



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. The uncertainty factor of the block standards used does not exceed 25% of the tolerance of the characteristic being verified. This facility's Quality System is registered to ISO 9001-2008, and is compliant to MIL-STD-45662A and ANSI/NCSL Z540-1-1994.

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