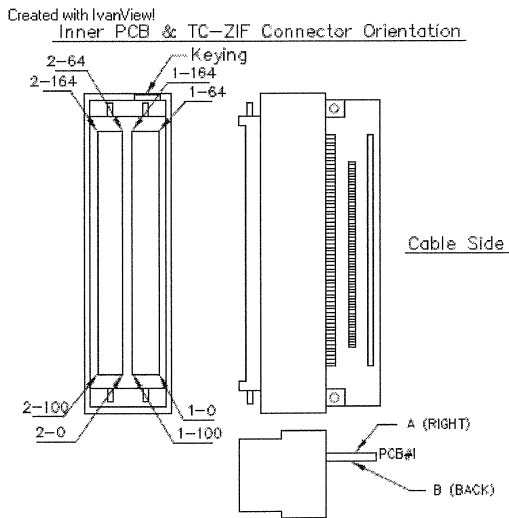


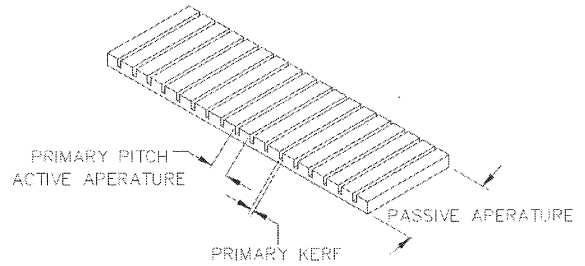
GE Inspection Technologies Phased Array Probe Specification

Linear Phased Array					
		inch		mm	
Part Number	115-100-001	Primary Element Count	8		
Number of Elements	8	Primary Pitch	0.0394	1.0000	
Frequency (MHz)	2	Primary Kerf	0.0035	0.0900	
Connector	Tyco				
Cable Type	021-085-351 Coax, 38 Gauge, 50 Ohm, 18 Conductors				
Cable Length	3 meters				
Total Crystal Size	8 x 9				
Nominal Ceramic Volume%	30				
Kt Min (efficiency)	0.57	Element Passive Aperture	0.3543	9.0000	
Nominal Ceramic Thickness	.72				
Array Configuration	1D				

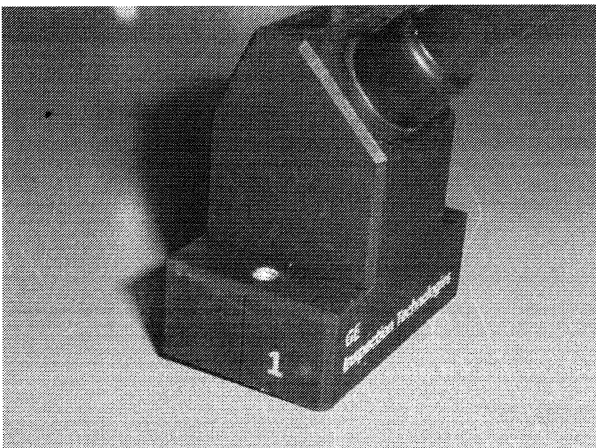
Tyco Numbering Sequence



1D Element Geometry



Element Orientation EL 1





17F007UN

Certification of Conformity

115-100-001

0002X008X01.0X0009-C1

Date Tested	7/13/2017 7:54:22 AM
Operator	KR
Test Specification	0511990
Test Specification Rev	2
Oscilloscope Serial Number	8747-DP310-001
Oscilloscope Cal Date	10/31/2017
UTA Serial Number	MM00107
UTA Cal Due Date	8/16/2017
Software Designation	FNT0101
Software Rev	A



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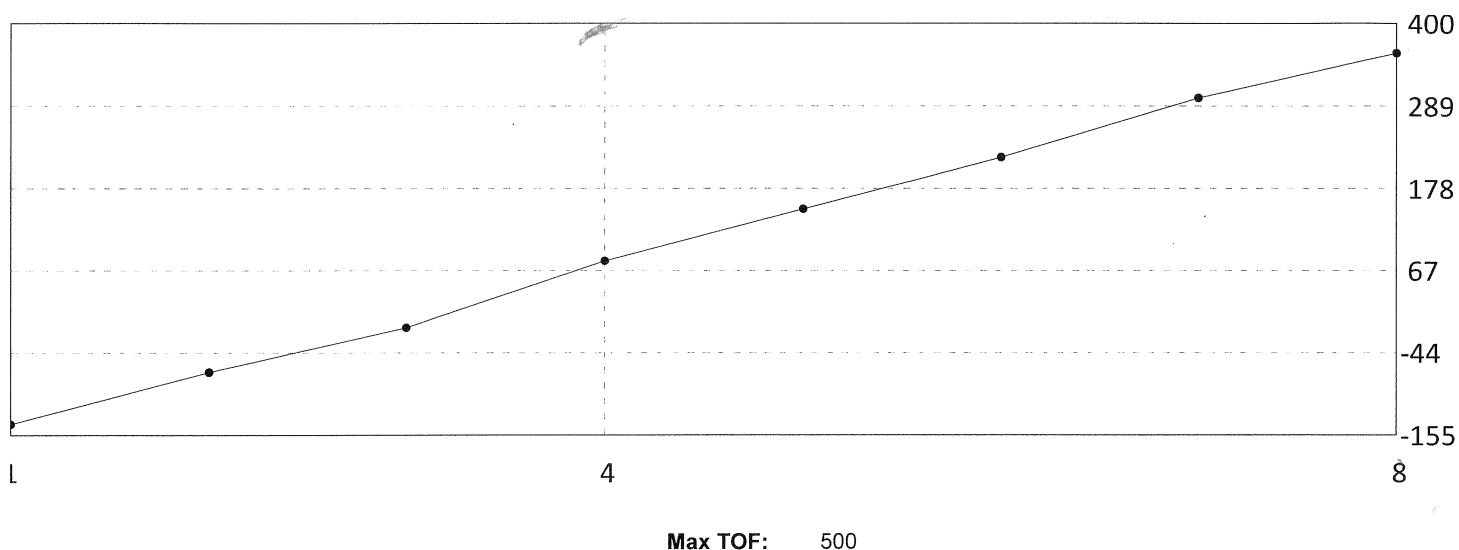
Certification of Conformity

115-100-001

0002X008X01.0X0009-C1

Thursday, July 13, 2017

TOF Wiring Verify



The Ultrasonic Transducer listed above has been performance tested and meets all manufacturing specifications. It performed as designed and specified on the applicable style of Krautkramer instrumentation.

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 ANSI/NCSL Z540-1-1994.

GE Inspection Technologies, LP
50 Industrial Park Rd.
Lewistown, PA 17044
Tel.: 866.243.2638
Fax: 717.242.2606
GFIInspectionTechnoloaies.com



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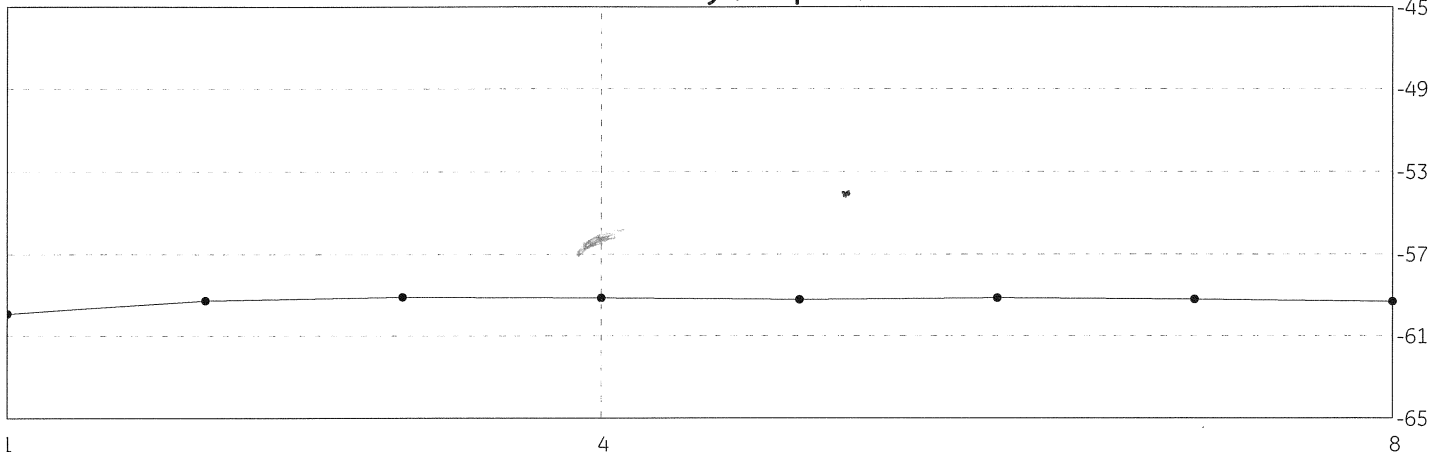
Certification of Conformity

115-100-001

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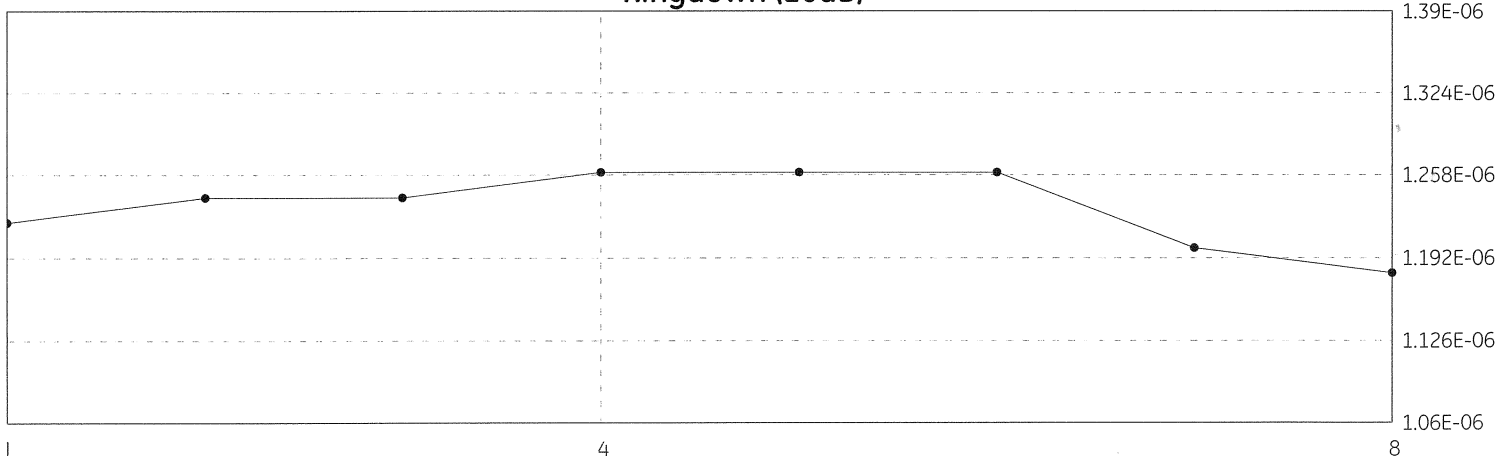
Thursday, July 13, 2017

Sensitivity (Loop dB)



Min: -59.91 Max: -59.10 Mean: -59.29

Ringdown (20dB)



Min: 1.18E-06 Max: 1.26E-06 Mean: 1.23E-06

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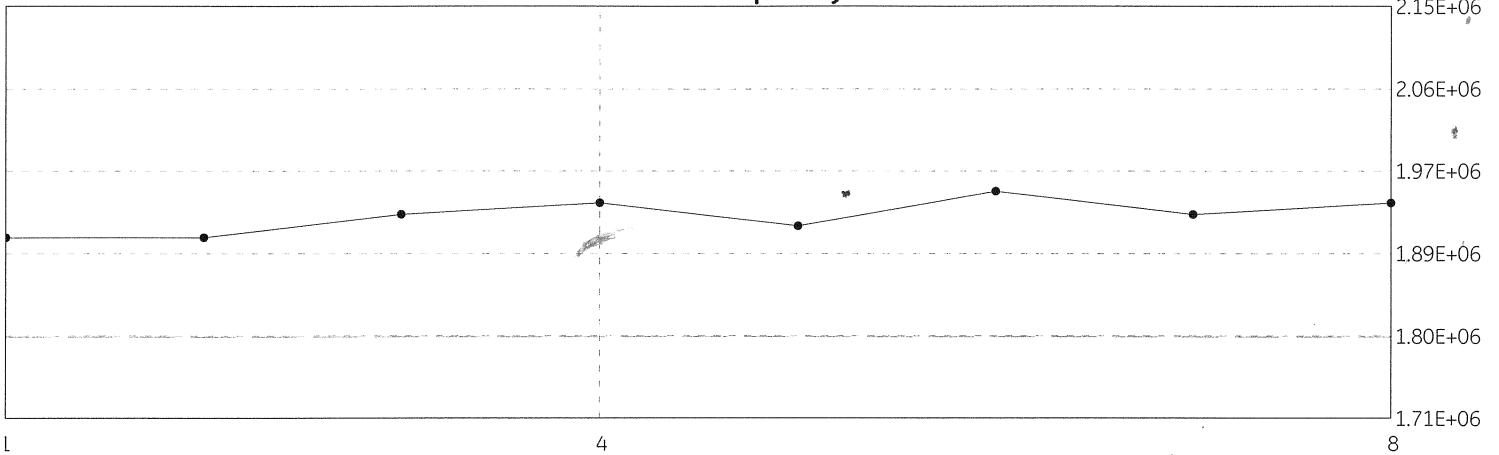
Certification of Conformity

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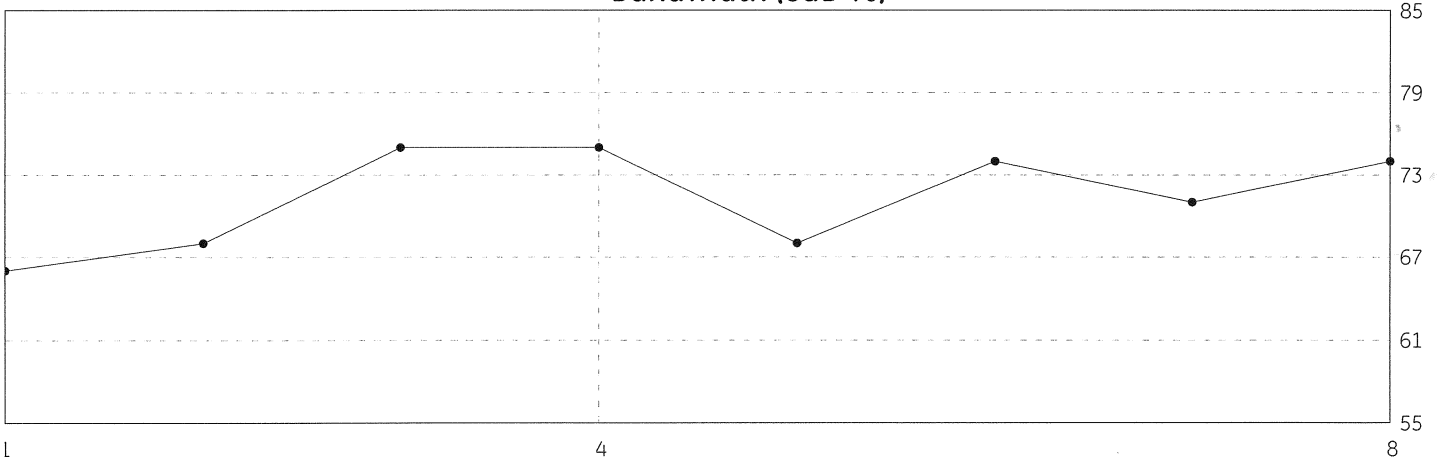
Thursday, July 13, 2017

Center Frequency



Min: 1.90E+06 Max: 1.95E+06 Mean: 1.93E+06

Bandwidth (6dB %)



Min: 66.00 Max: 75.00 Mean: 71.38

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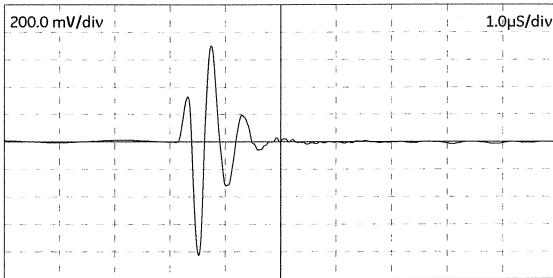
Certification of Conformity

115-100-001

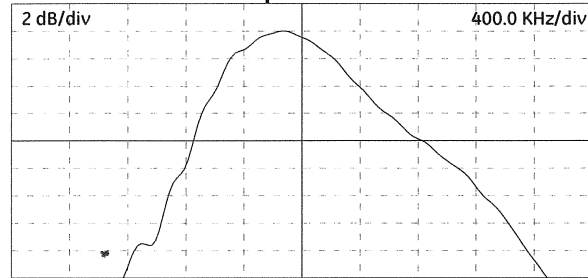
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Thursday, July 13, 2017

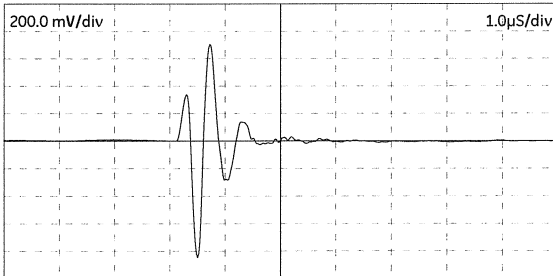
Element 2 Time Waveform



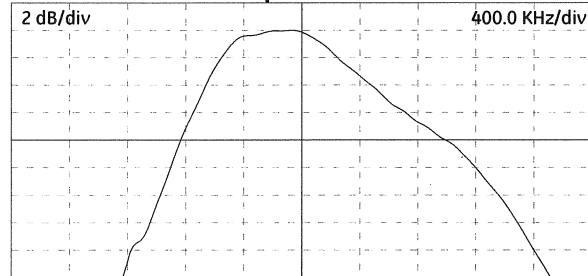
Spectrum



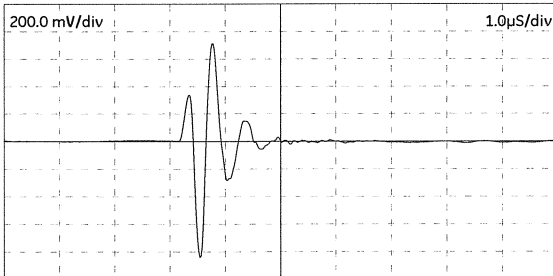
Element 4 Time Waveform



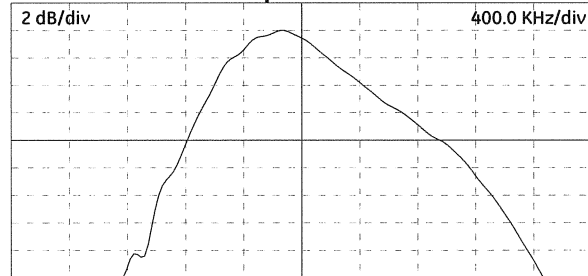
Spectrum



Element 6 Time Waveform



Spectrum



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UT/EM Probe China RoHS Statement

The following product pollution control information is provided according to SJ/T11364-2014 *Marking for Restriction of Hazardous Substances caused by electrical and electronic products*.

This symbol indicates the product contains hazardous materials in excess of the limits established by the Chinese standard GB/T 26572 Requirements of concentration limits for certain restricted substances in electrical and electronic products. The number in the symbol is the Environment-friendly Use Period (EFUP), which indicates the period during which the hazardous substances contained in electrical and electronic products will not leak or mutate under normal operating conditions so that the use of such electrical and electronic products will not result in any severe environmental pollution, any bodily injury or damage to any assets. The unit of the period is "Year".

In order to maintain the declared EFUP, the product shall be operated normally according to the instructions and environmental conditions as defined in the product manual, and periodic maintenance schedules specified in Product Maintenance Procedures shall be followed strictly.

Consumables or certain parts may have their own label with an EFUP value less than the product. Periodic replacement of those consumables or parts to maintain the declared EFUP shall be done in accordance with the Product Maintenance Procedures.

This product must not be disposed of as unsorted municipal waste, and must be collected separately and handled properly after decommissioning.

根据SJ/T11364-2014《电子电气产品有害物质限制使用标识要求》特提供如下有关污染控制方面的信息。

该标志表明本产品含有超过中国标准GB/T26572《电子电气产品中限用物质的限量要求》中限量的有害物质。标志中的数字为本产品的环保使用期，表明产品在正常使用的条件下，有害物质不会发生外泄或突变，用户使用本产品不会对环境造成严重污染或对其人身、财产造成严重损害的期限。单位为年。

为保证所声明的环保使用期限，应按产品手册中所规定的环境条件和方法进行正常使用，并严格遵守产品维修手册中规定的定期维修和保养要求。

产品中的消耗件和某些零部件可能有其单独的环保使用期限标志，并且其环保使用期限有可能比整个产品本身的环保使用期限短。应到期按产品维修程序更换那些消耗件和零部件，以保证所声明的整个产品的环保使用期限。

本产品在使用寿命结束时不可作为普通生活垃圾处理，应被单独收集妥善处理。