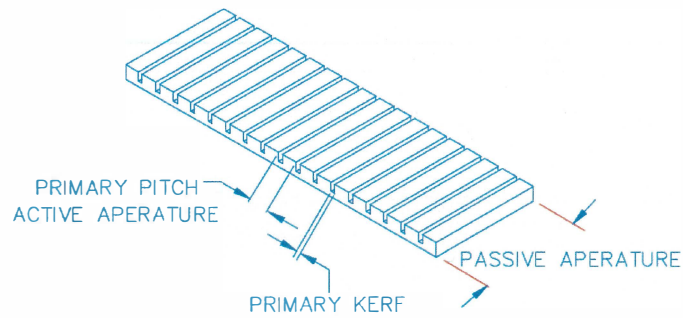


Phased Array Probe Specification

Linear Phased Array				
		inch		mm
Part Number	115-110-002	Primary Element Count	16	
Number of Elements	16	Primary Pitch	0.0197	0.5000
Frequency (MHz)	4	Primary Kerf	0.0035	0.0900
Connector	Mentor Connector			
Cable Type	021-085-351 Coax, 38 Gauge, 50 Ohm, 18 Conductors			
Cable Length	3 Meters			
Total Crystal Size	8 x 9 mm			
Nominal Ceramic Volume%	30			
Kt Min (efficiency)	0.57	Element Passive Aperture	0.3543	9.0000
Nominal Ceramic Thickness	0.365 mm	Element Active Aperture	0.0197	0.5000
Array Configuration	1D			

1D Element Geometry



21K008LM

115-110-002

Certification of Conformity



Date Tested	11/18/2021
Operator	MDL
Test Specification	0511989
Test Specification Rev	
Oscilloscope Serial Number	DP310:19650
Oscilloscope Cal Due Date	6/2/2022
UTA Serial Number	DH0835
UTA Cal Due Date	4/13/2022
Software Designation	FNT0101
Software Rev	B

产品中有害物质的名称及含量

部件名称 Component Name	有害物质 Hazardous Substances' Name					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
Probe (UT, EM) 探头 (超声, 涡流)	X	O	O	O	O	O

本表格依据SJ/T 11364的规定编制。
This table is prepared according to SJ/T 11364.
O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572规定的限量要求以下。
X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求。
(企业可在此处, 根据实际情况对上表中打“×”的技术原因进行进一步说明。)
O: indicates hazardous substance concentration less than or equal to MCV
X: indicates hazardous substance concentration higher than MCV
(company can explain technical reason to mark “X”)



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Sensing House
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Shannon
Co. Clare
Ireland

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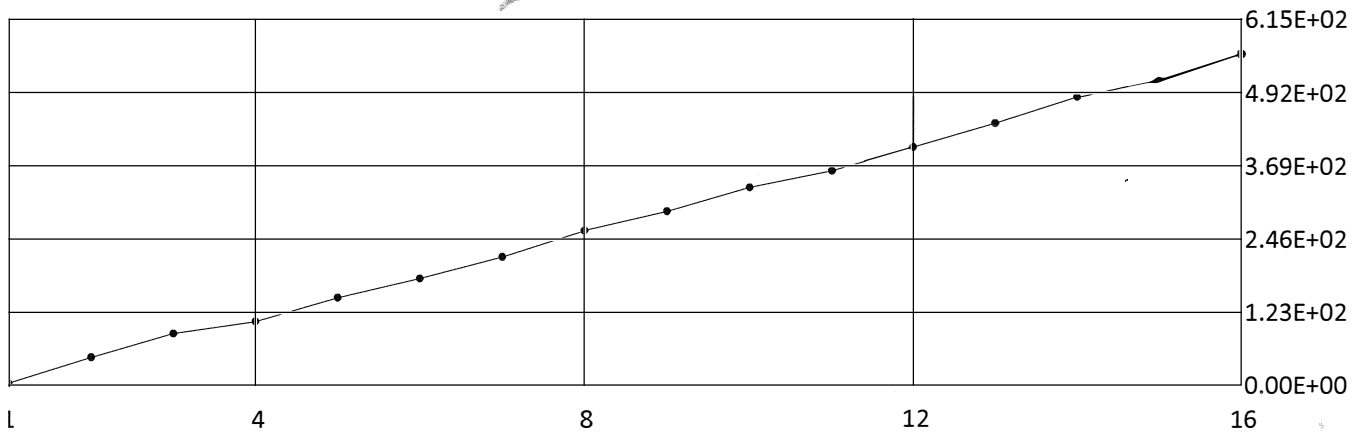
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Certification of Conformity

115-110-002

November 18, 2021

TOF Wiring Verify



Max TOF: 552

We certify that the product mentioned was subjected to a quality inspection and testing procedure. It conforms to our manufacturing drawings and meets our specifications. All measuring tools used for testing are calibrated and traceable to national or international standards. Our quality management system is certified according to DIN EN ISO 9001.

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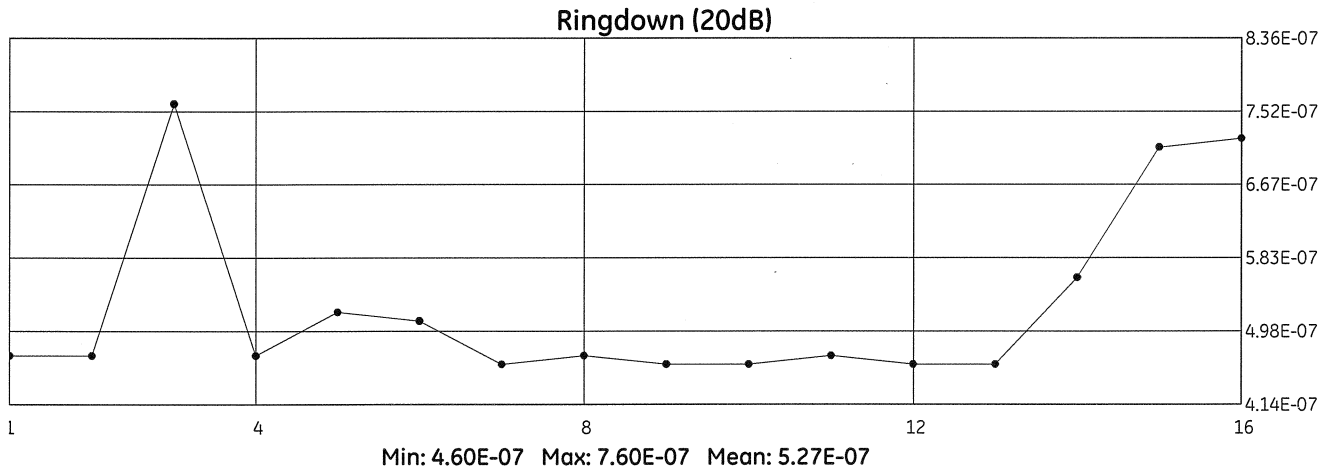
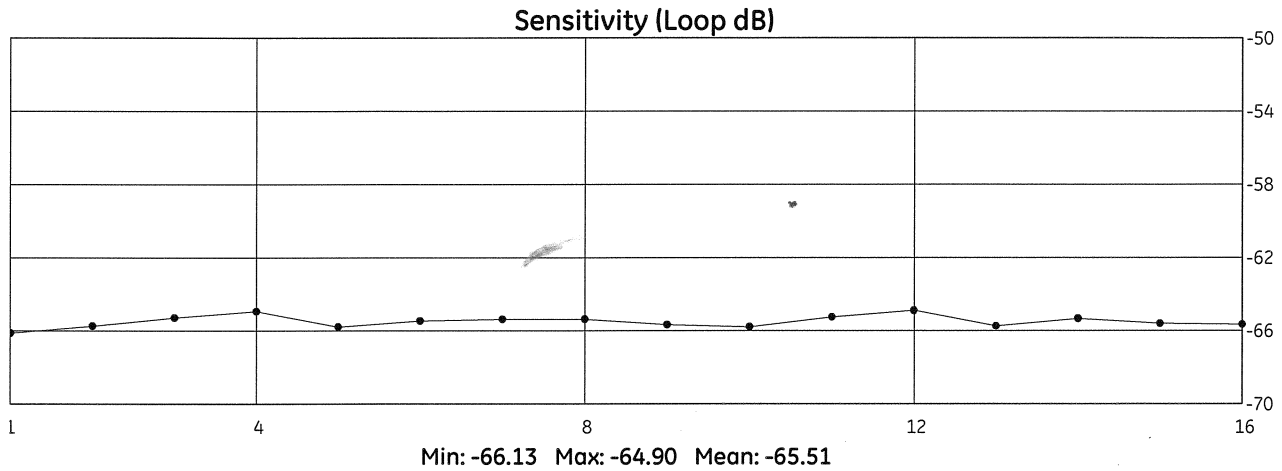
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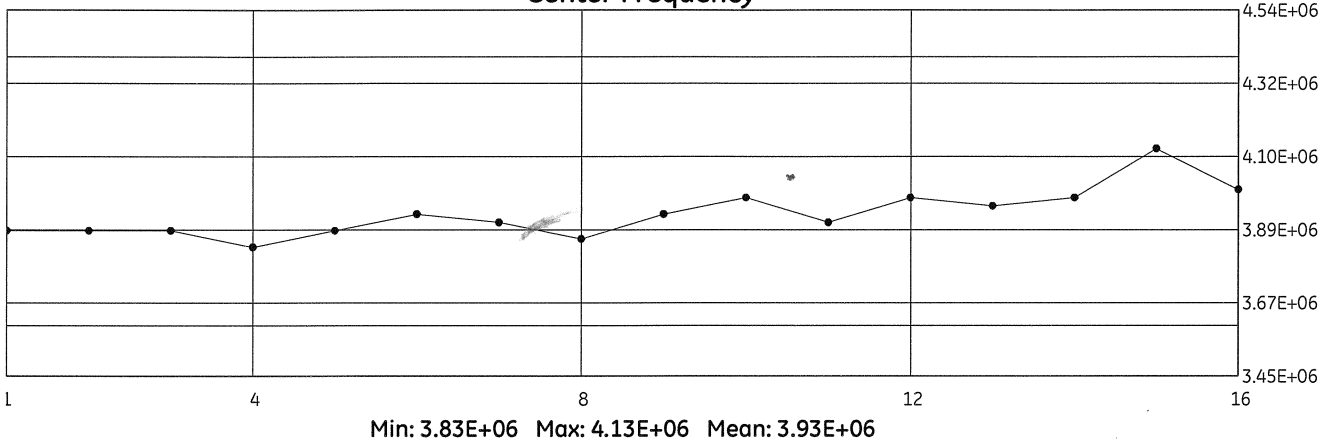
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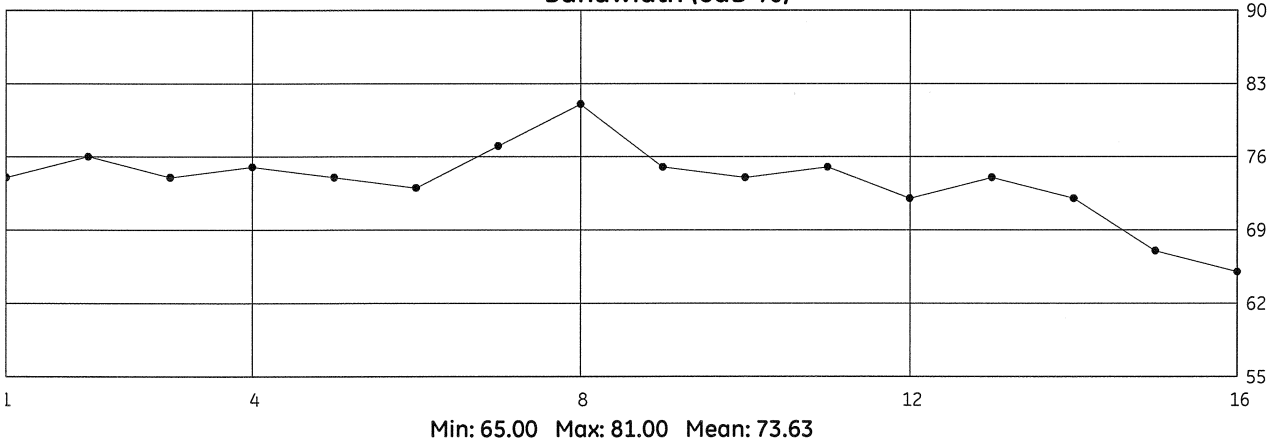
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Center Frequency



Bandwidth (6dB %)



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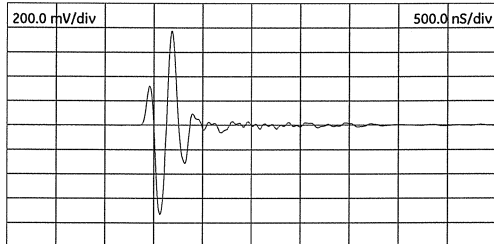
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115-110-002

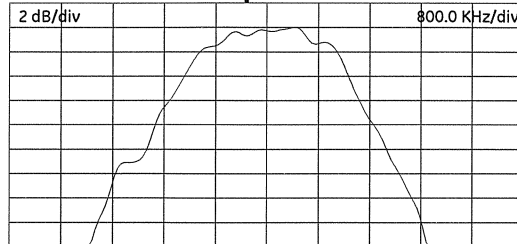
November 18, 2021

Certification of Conformity

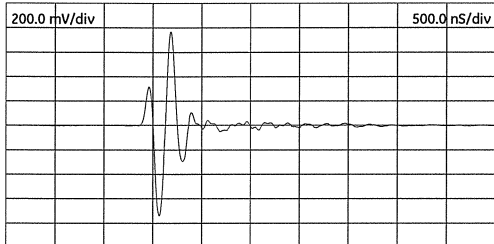
Element 5 Time Waveform



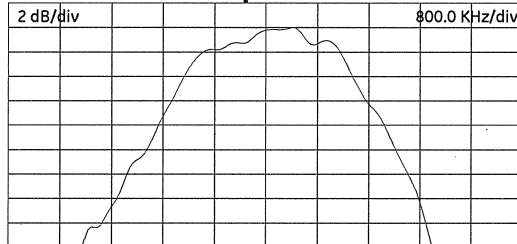
Spectrum



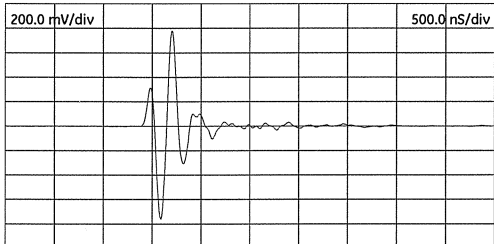
Element 10 Time Waveform



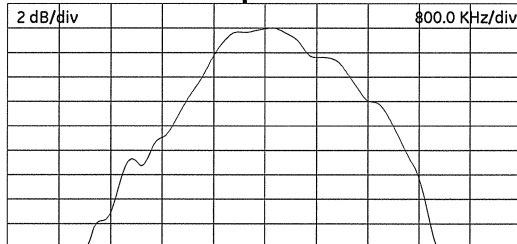
Spectrum



Element 15 Time Waveform



Spectrum



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