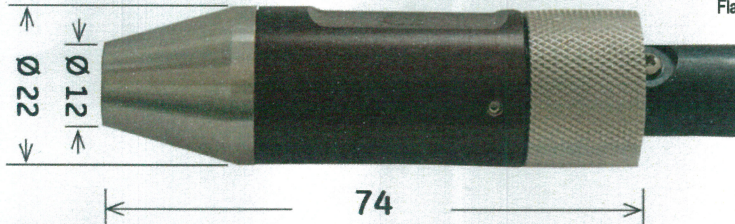


Type DA 590 EN  
Ident no. 113534761  
Manufacturer: GE Sensing & Inspection Technologies  
Serial no.: S000070

Description	Performance test data				Dim	Status
	Symbol	Min	Actual	Max		
7.3 Centre frequency	$f_0$	3.5	4,761	5.5	MHz	Passed
7.1 Flatness of the contact surface			<0,05		mm	Passed



Used calibration specs: DIN EN 12668-2  
113534761\_00050002

This probe meets the specification.

Calibration date: 06.03.2019  
Calibrated by: Ivetka Kozackova

Remarks:  
The accuracy of the transducer described 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 9001-2000, and is compliant to MIL-STD-45662A and ANSI/NCSL Z540-1-1994.

List of performed test data enclosed.

Date: 06.03.2019

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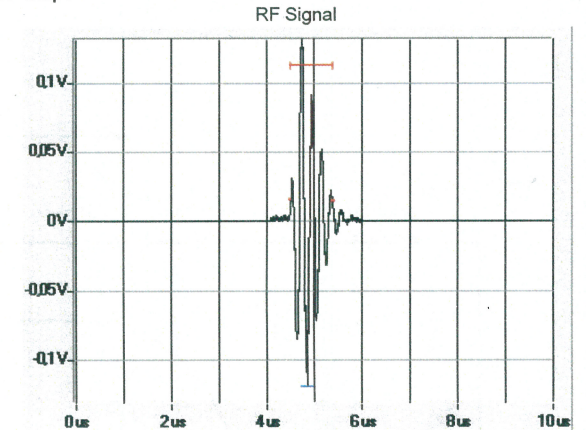
Reference of calibrated instruments used				
Manufacturer / Model	Serial no.	Plant no.	Cal date	Due Date
GE-IT / Backwall .04" Steel	1103	1103	13.09.2018	13.09.2019
GE-IT / Backwall .5" Steel	1115/20	1115	15.07.2018	15.07.2019
GE-IT / Backwall 5" Steel	1123/20	1123	15.07.2018	15.07.2019
GE-IT / N30	2218	1018	06.09.2018	06.09.2019
Tektronix / TDS3032B	B031815	1011	01.12.2018	01.12.2019



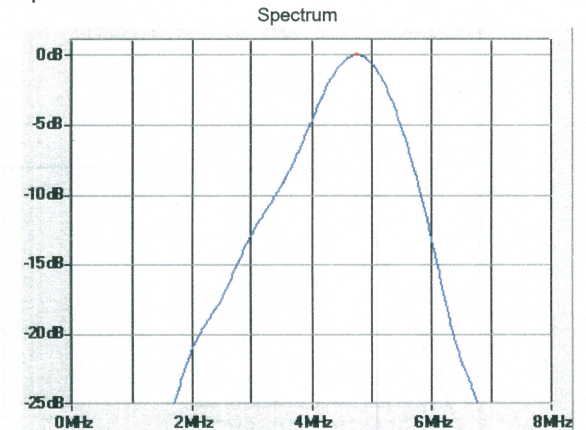
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Description	Transmitter setting	Setting
Intensität/Intensity		gross/high
PK-Anpassung/Damping		gross/high
IFF-Art/PRF Mode		10

7.2  
Pulse shape

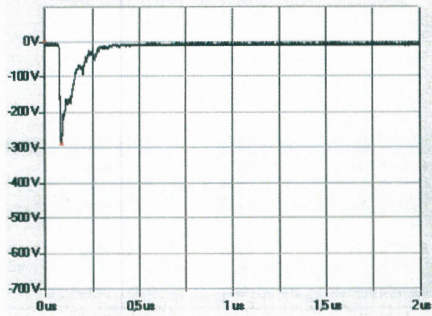


7.3  
Pulse spectrum

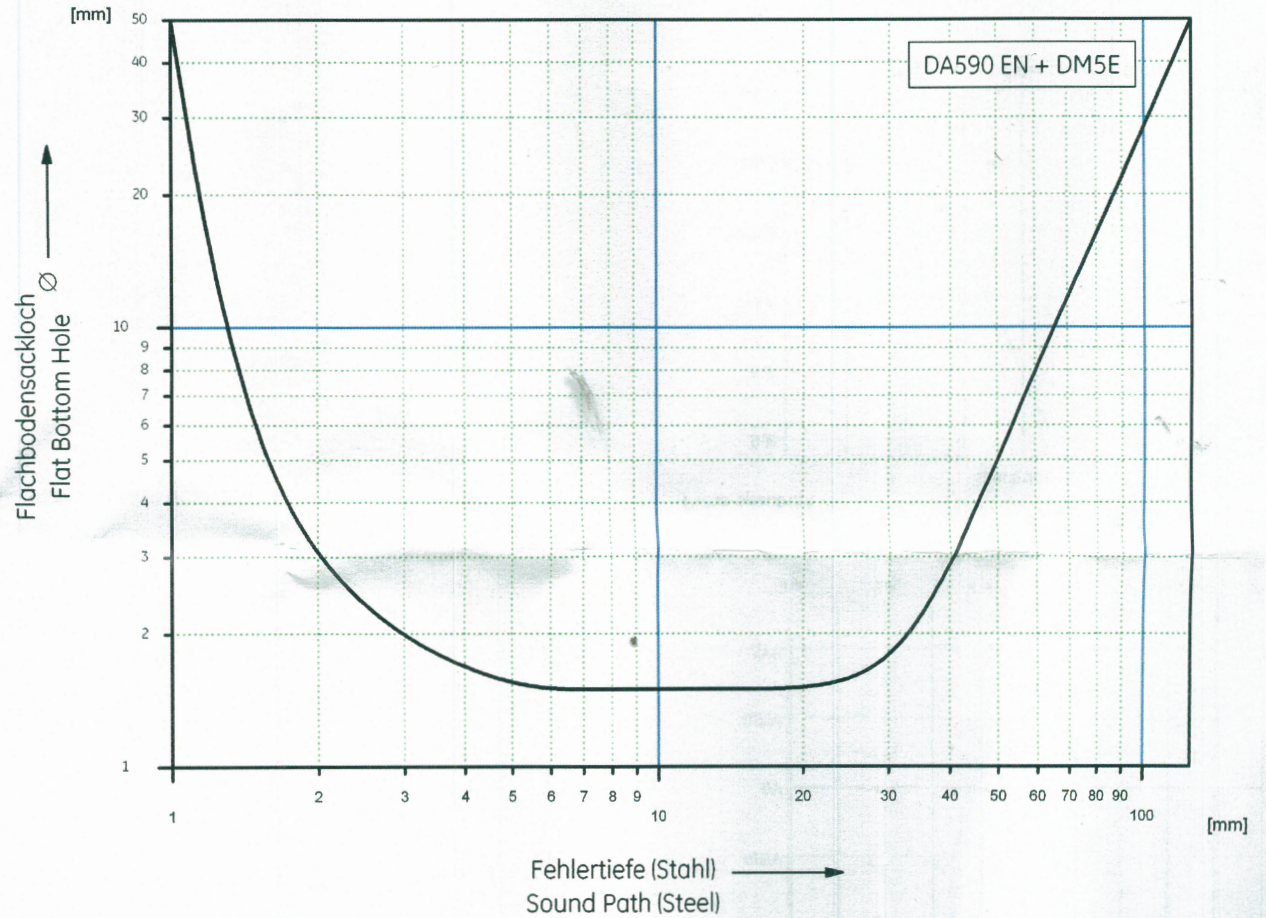




Transmitter pulse: DA 590 EN



7.5  
Distance amplitude curve



7.6  
Electrical impedance

— |Z<sub>01</sub>| — phi  
Transmitter  
Receiver



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