

Technical data					
Symbol	Description	Min Tolerance	Actual	Max Tolerance	Dimension
T ₉₀	Echo pulse duration , -20dB	0,9	1,23	1,8	μs
f ₀	Peak frequency	2	2,17	2,5	MHz
f ₀ *)	Centre frequency	2	2,31	2,5	MHz
S _{rel}	Relative pulse-echo sensitivity	-48	-44,57	-42	dB
B ₋₆	Relative bandwidth @ -6dB ,Arithmetic	50	70,24	100	%
Reference of calibrated instruments used					
Manufacturer / Model	Serial no.	Plant no.	Cal Date	Due Date	
Intern / N30	2218	1018	09/09/2022	09/09/2023	
Tektronix / TDS3032B	C011016	1025	10/13/2022	10/13/2023	
Intern / d 100x1" PMMA	1199/20	1199	05/16/2022	05/16/2023	
Intern / USM25	7916f	1013	11/11/2022	11/11/2023	
Instruments setting			USM 25S		
Pulser Power					high
Damping					low
PRF Mode					10
Filter					0,2 - 20 MHz
Testblock					
Material					Plexiglas
Sound velocity					.11 in/usec
Reflector					Flat
Connecting cable					118-140-012 (C-012)
Transducer Description: MSW-QC Benchmark 2,25 MHz, ,25" Dia.					
All measurements per ASTM E1065					

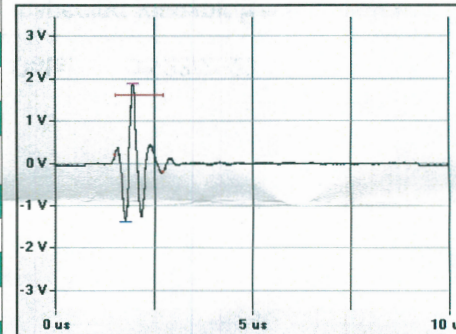
Certificate of Conformity

Probe type: MSW-QC 2,25 MHz, ,25" di
 Ident no.: 113222591
 Serial no.: 23C017ZN
 Spec: 113222591_00040001
 Test date: 03/23/2023
 Recalibrations: 0
 Country of Origin: Slovakia

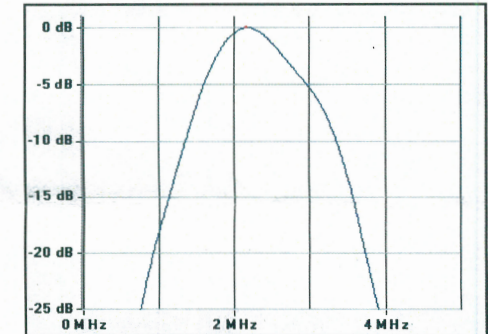


Id.-No. 113-900-929

RF Signal



Spectrum



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