

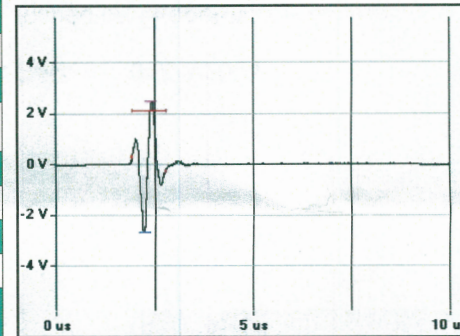
Technical data					
Symbol	Description	Min Tolerance	Actual	Max Tolerance	Dimension
f ₀	Centre frequency	2	2,16	2,5	MHz
T ₁₀	Echo pulse duration , -20dB	0,7	0,85	1,1	µs
B ₋₆	Relative bandwidth @ -6dB ,Arithmetic	60	89,01	100	%
S _{rel}	Relative pulse-echo sensitivity	-39	-35,50	-33	dB
Reference of calibrated instruments used					
Manufacturer / Model	Serial no.	Plant no.	Cal Date	Due Date	
Intern / N30	2218	1018	09/08/2023	09/08/2024	
Intern / USM25 SN 5574	132/20	132	02/01/2023	02/01/2024	
Tektronix / TDS3032B	C011016	1025	10/24/2023	10/23/2024	
Intern / Backwal .75" perspex	1037/20	1037	07/08/2023	07/07/2024	
Instrument setting			USM 25S		
Pulser Power					high
Damping					high
PRF Mode					10
Filter					0,2 - 20 MHz
Testblock					
Material					Plexiglas
Sound velocity					,11 in/usec
Reflector					Flat
Connecting cable					118-140-016 (C-016)
Transducer Description: AWS Benchmark 2,25 MHz, ,625" SQ					
Compliant to ASTM E1065					

Certificate of Conformity

Probe type: AWS,BENCHMARK,2,25 M
 Ident no.: 113892603
 Serial no.: 24A010DK
 Spec: 113892603_00010001
 Test date: 01/23/2024
 Recalibrations: 0
 Country of Origin: Slovakia

Id.-No. 113-900-929

RF Signal



Spectrum

