

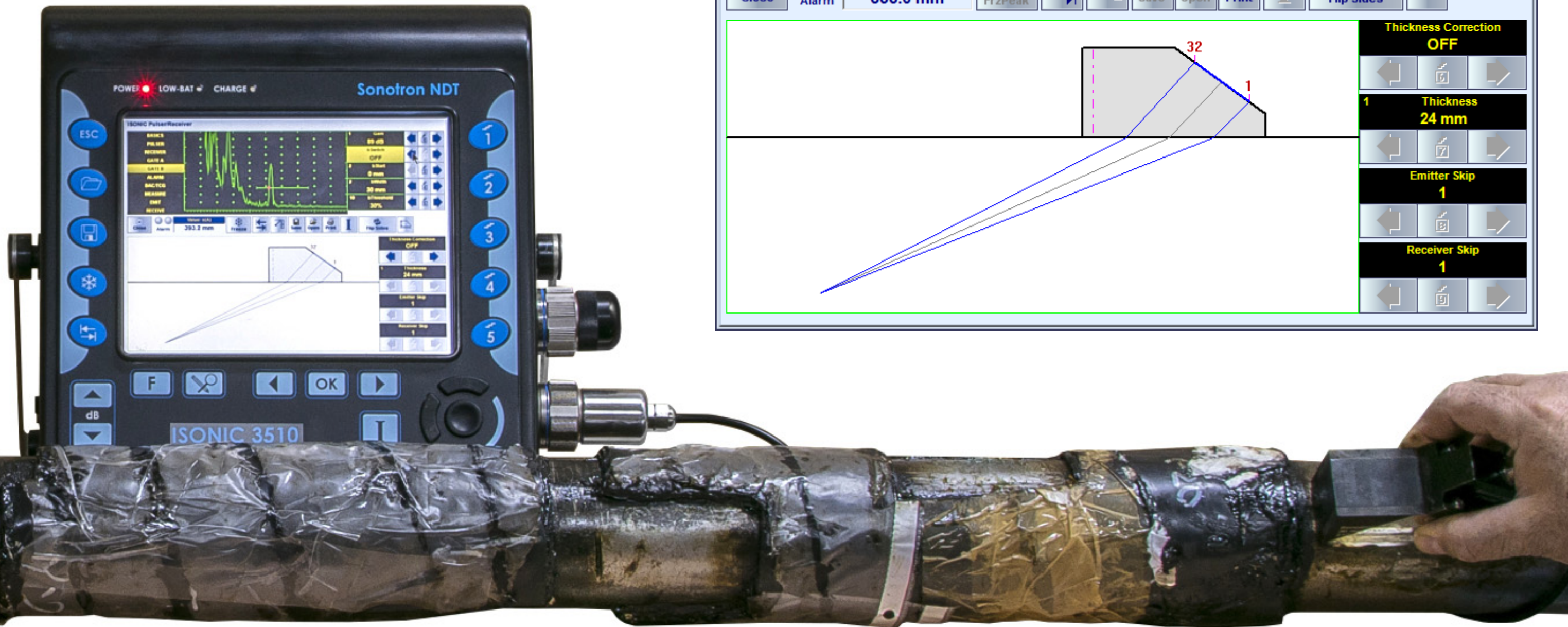
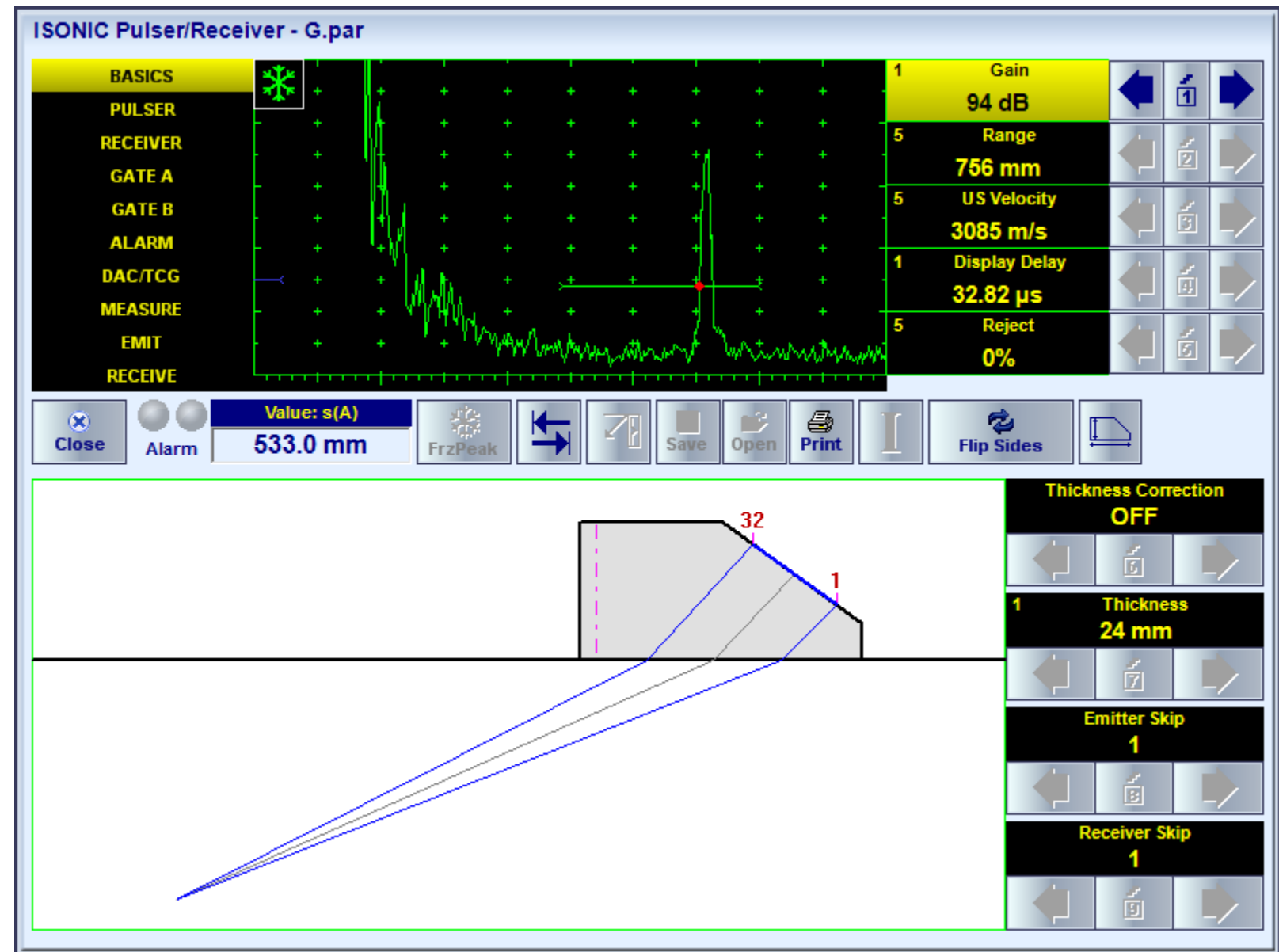


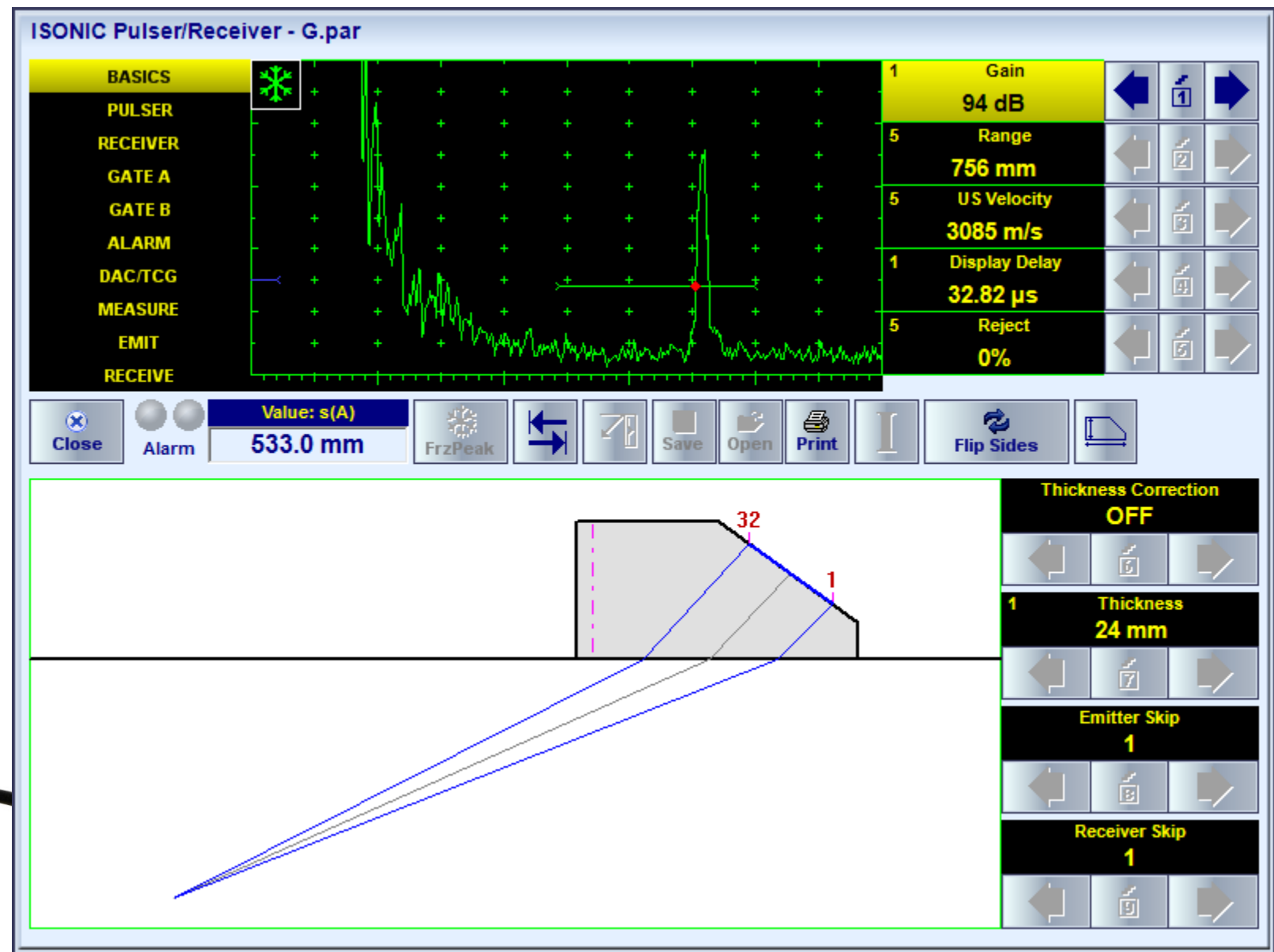
***SRUT Guided Wave Inspection with use of PA probe: detection of the pitting corrosion damages in the pipes under insulation***

Thanks to the very powerful pulser / receiver providing the ability of composing the aperture involving all elements of the PA probe for the parallel firing / receiving the ISONIC PA instruments allow generating the guided wave in the tube walls with the best possible penetration in the parent material under insulation

**SRUT Guided Wave Inspection with use of PA probe: detection of the pitting corrosion damages in the pipes under insulation**

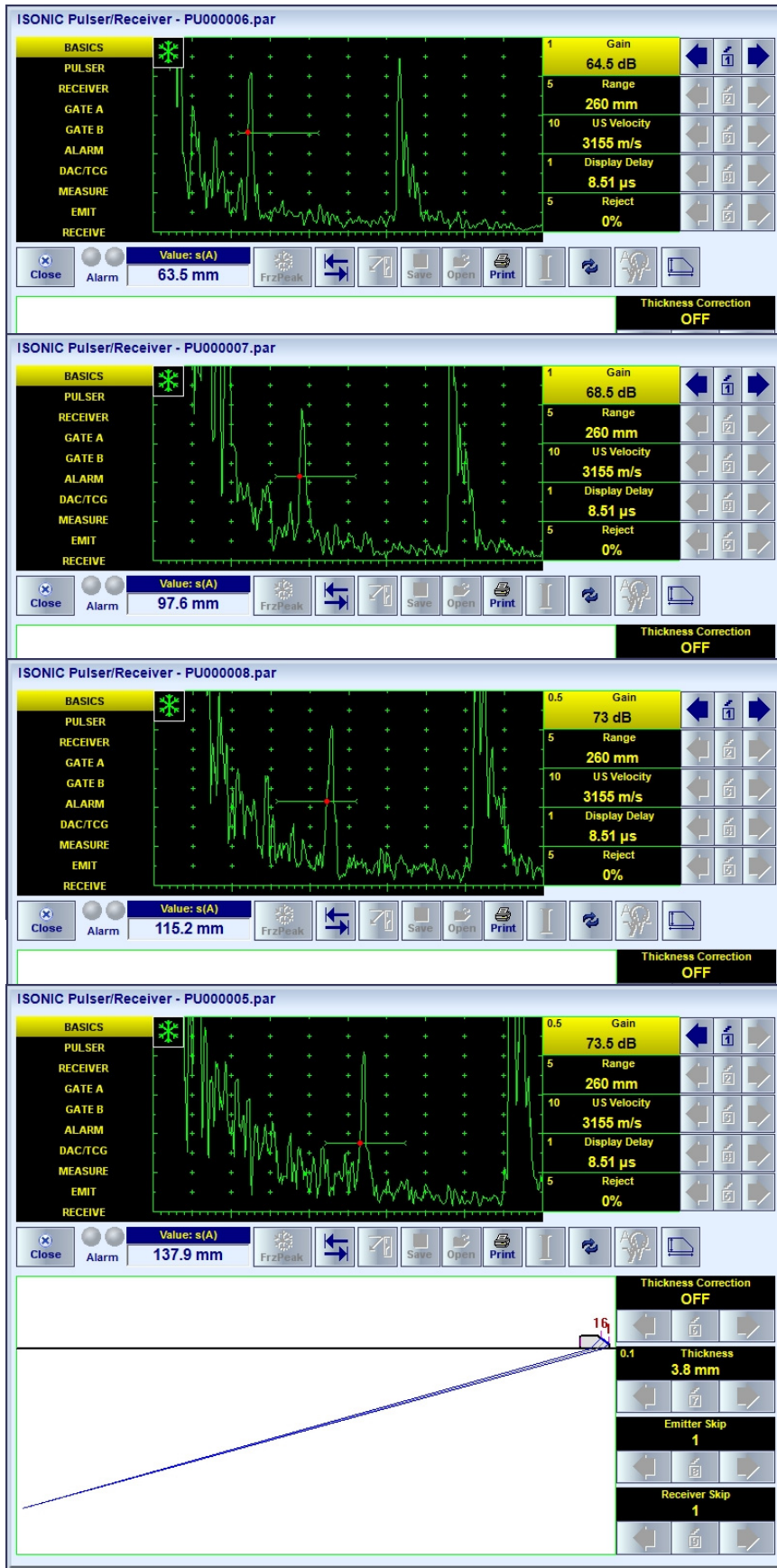
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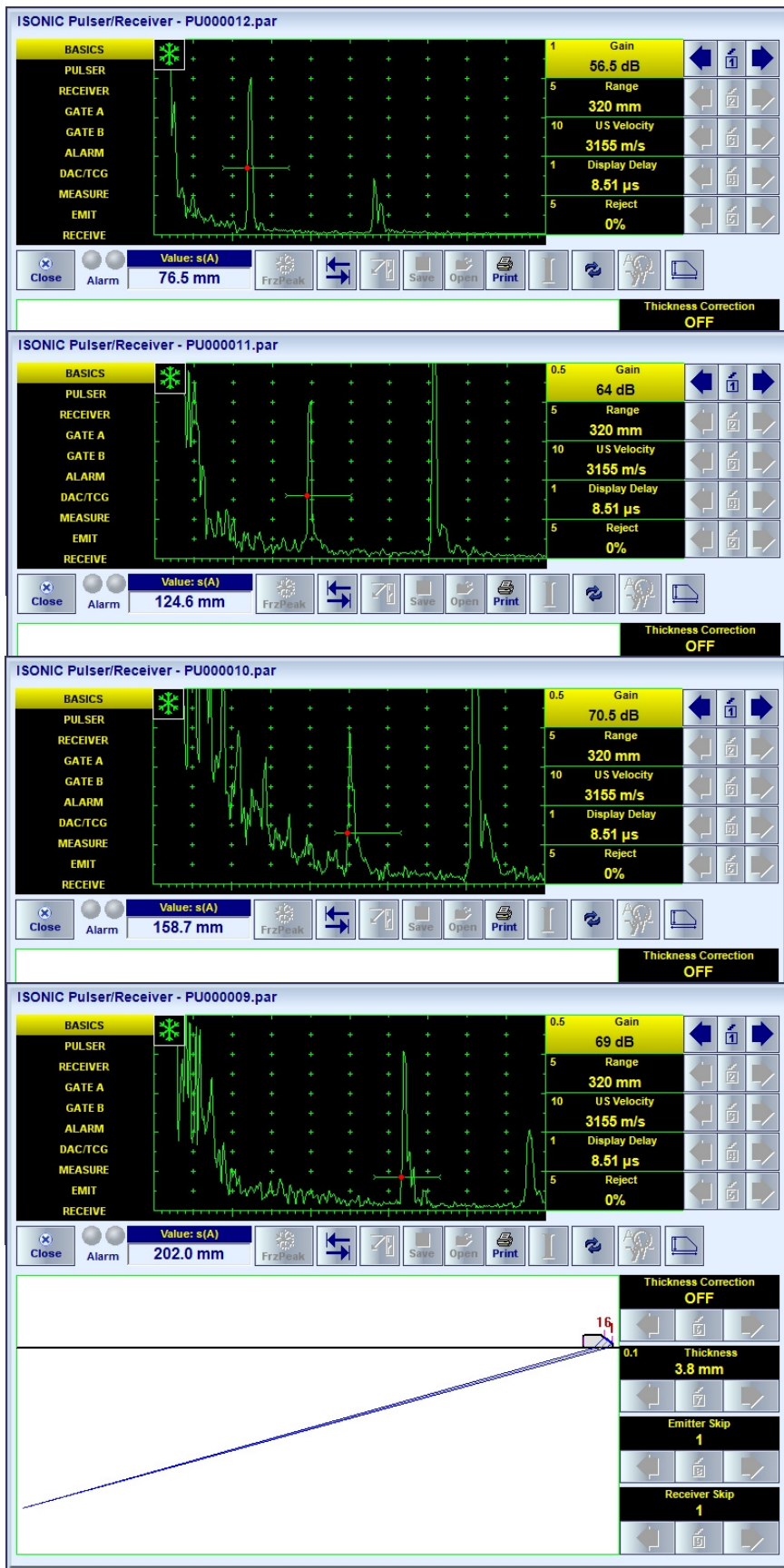
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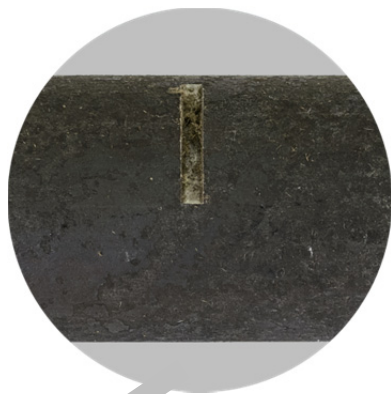
26.9 mm OD / 3.91 mm WT tube  
 Spherical bottom slit:  $\varnothing$  2 mm





26.9 mm OD / 3.91 mm WT tube

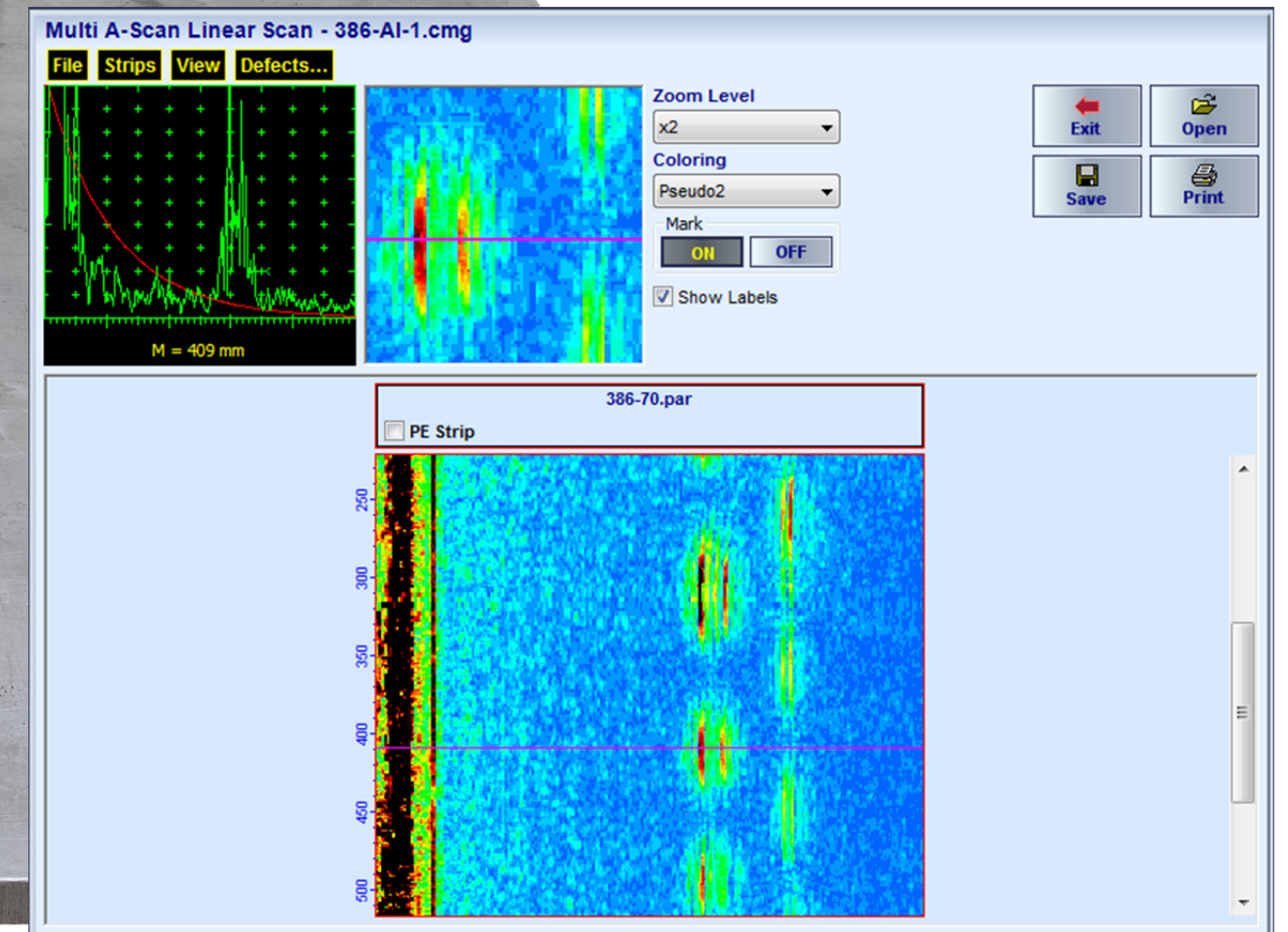
Saw cut 2 mm depth

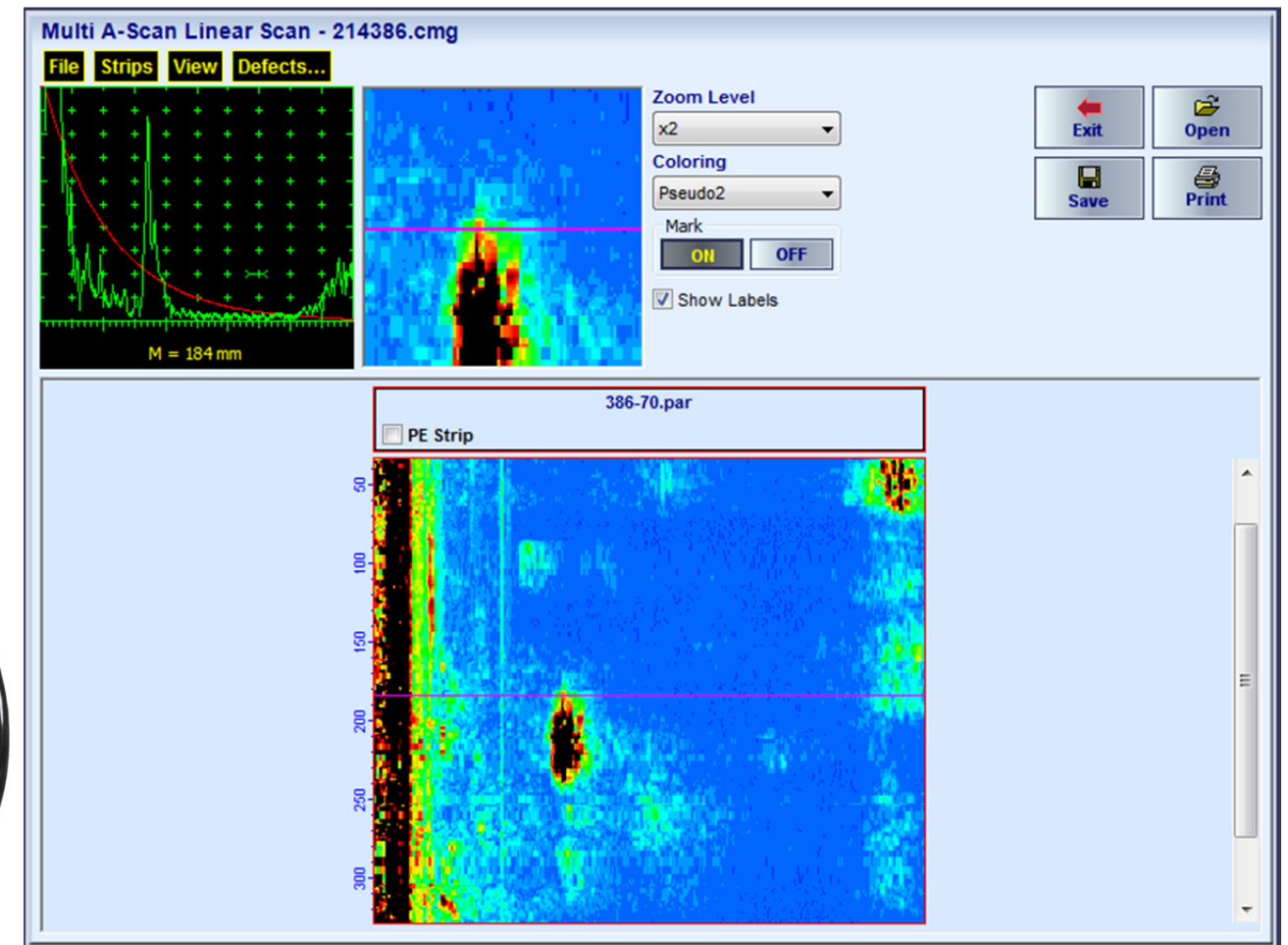
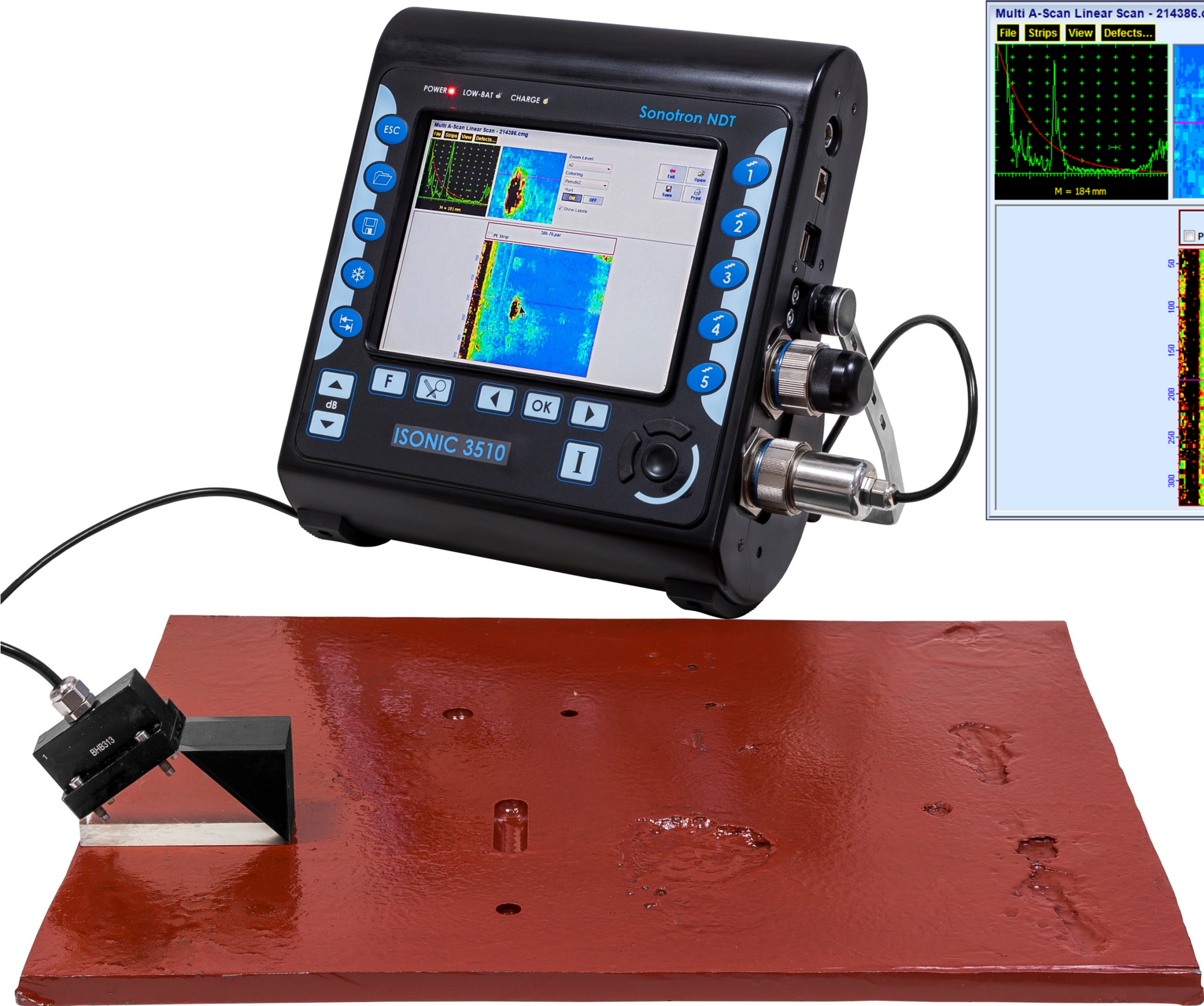


**SRUT Guided Wave Inspection with use of PA probe  
and Recording a single MAP STRIP**



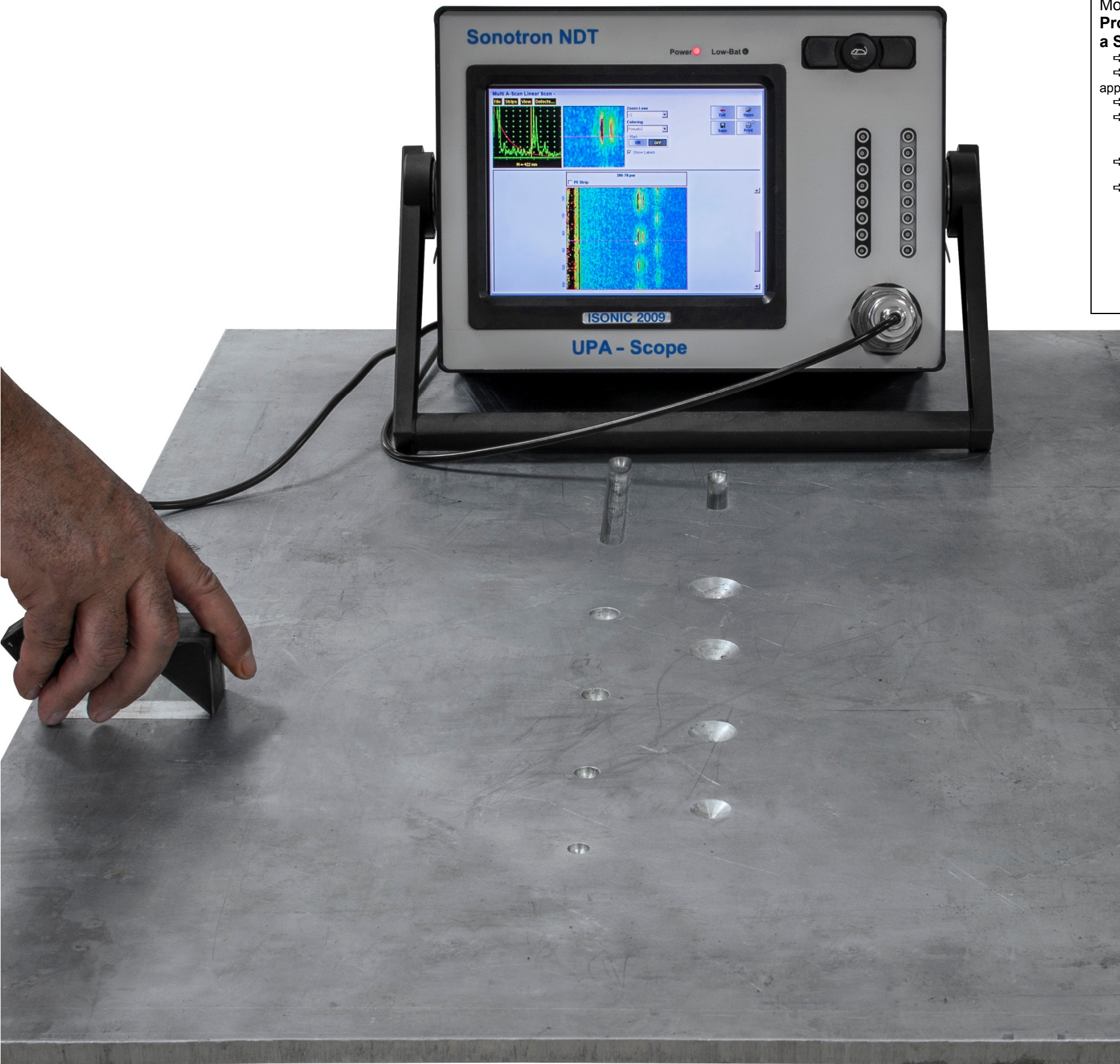
Item	Order Code (Part #)
<p>Inspection SW Application for ISONIC 2009 UPA-Scope - Phased Array Modality:  <b>MULTI A-SCAN - Implementation of a Variety of Individually Programmed Focal Laws Desired by an Operator in One Scan and Forming a Strip Chart</b></p> <ul style="list-style-type: none"> <li>⇒ Use of Linear Array, Matrix Array and other PA probes</li> <li>⇒ Multi A-Scan Screen Composed of the ISONIC PA Pulser Receiver files created in the appropriate inspection application</li> <li>⇒ Strip Chart Recording - Time Based and Encoded</li> <li>⇒ Strip Types: <ul style="list-style-type: none"> <li>▶ Amplitude / TOF Graph</li> <li>▶ B-Scan</li> </ul> </li> <li>⇒ 100% Raw Data Capturing</li> <li>⇒ Comprehensive Postprocessing Including: <ul style="list-style-type: none"> <li>→ Play back and evaluation of the A-Scans captured during the inspection</li> <li>→ Converting strips from Amplitude / TOF Graph to B-Scan and viceversa</li> <li>→ Off-Line Gain Manipulation (per strip)</li> <li>→ Off-Line DAC Normalization of the B-Scan strips / DAC Evaluation</li> <li>→ Numerous Filtering / Reject Options ( by Gate / By Amplitude / dB-to-DAC / etc )</li> <li>→ Defects Sizing</li> <li>→ Creation of Defect List and Storing it Into a Separate File</li> <li>→ Automatic creating of inspection reports - hard copy / PDF/ MS Word File</li> </ul> </li> </ul>	SWA 3510030





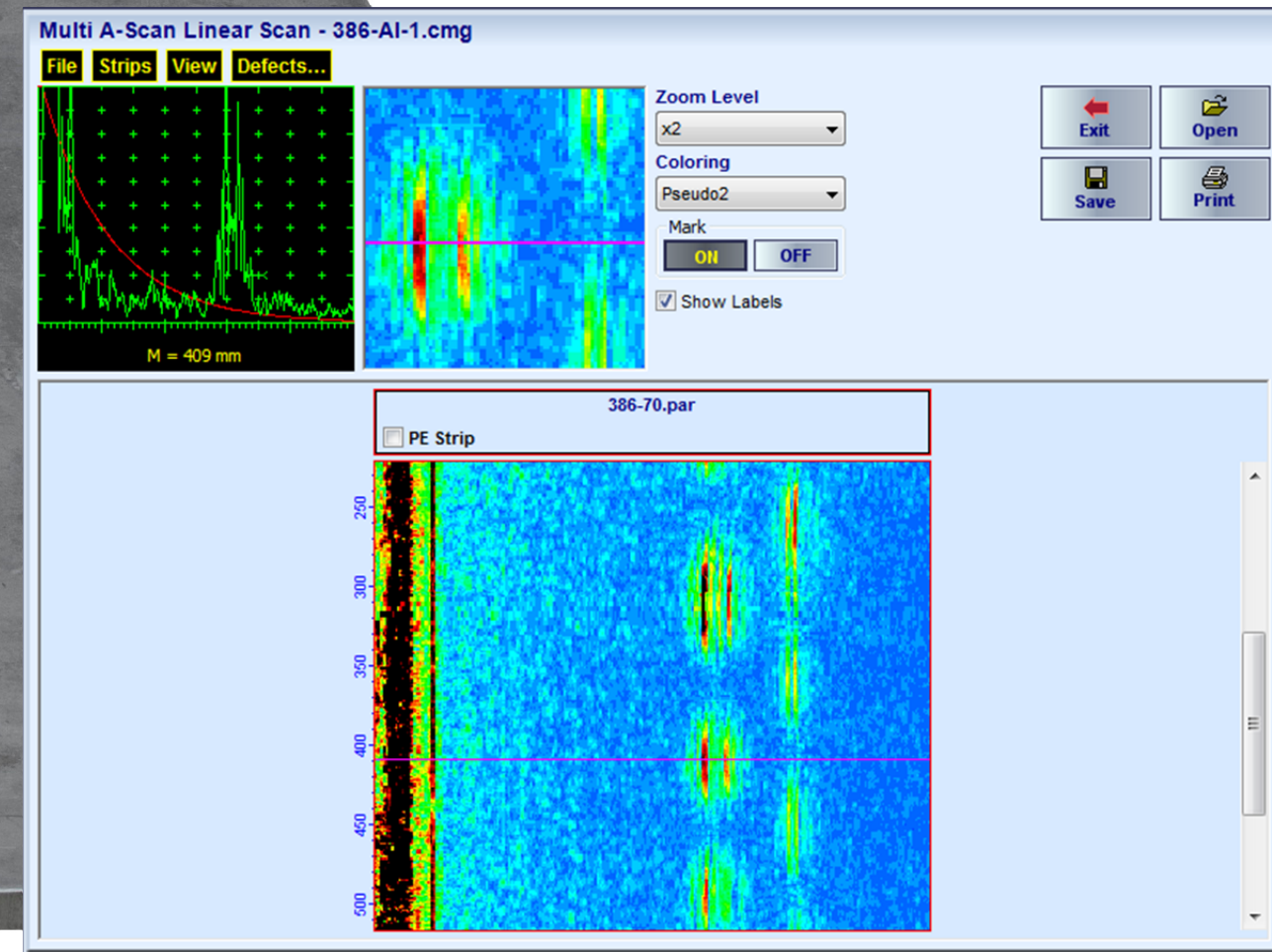


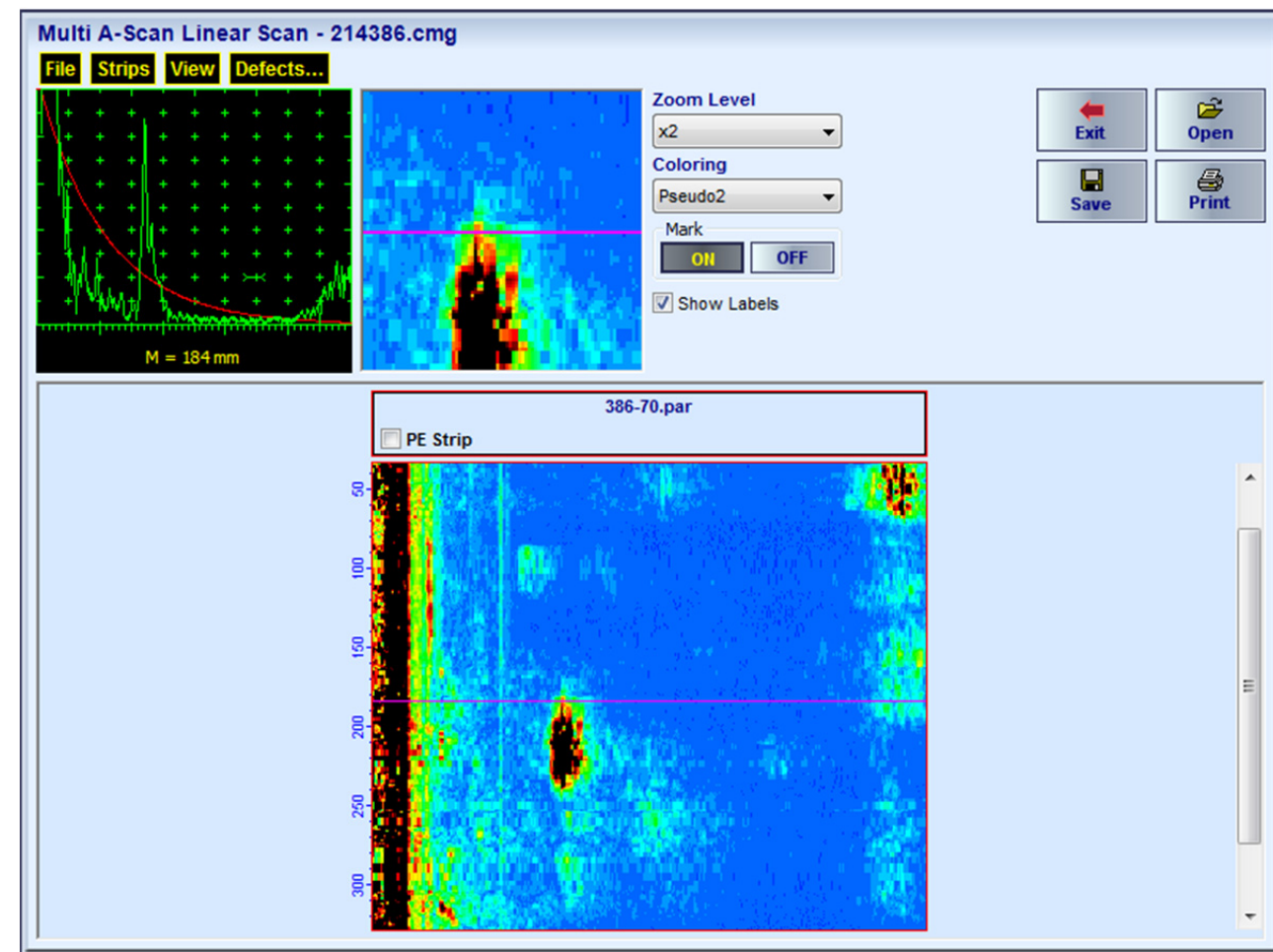




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**SRUT Guided Wave Inspection with use of PA probe and Recording a single MAP STRIP**



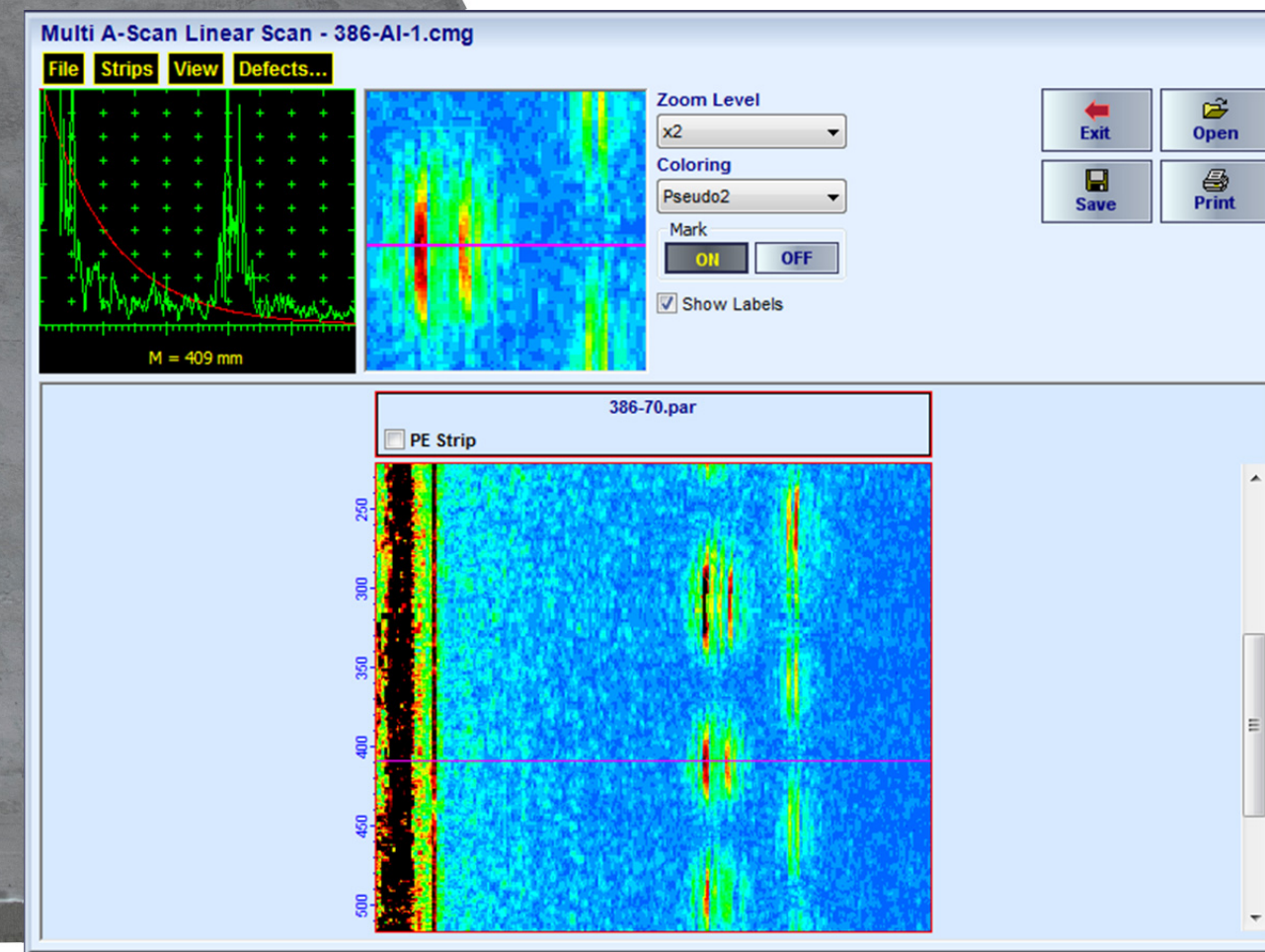


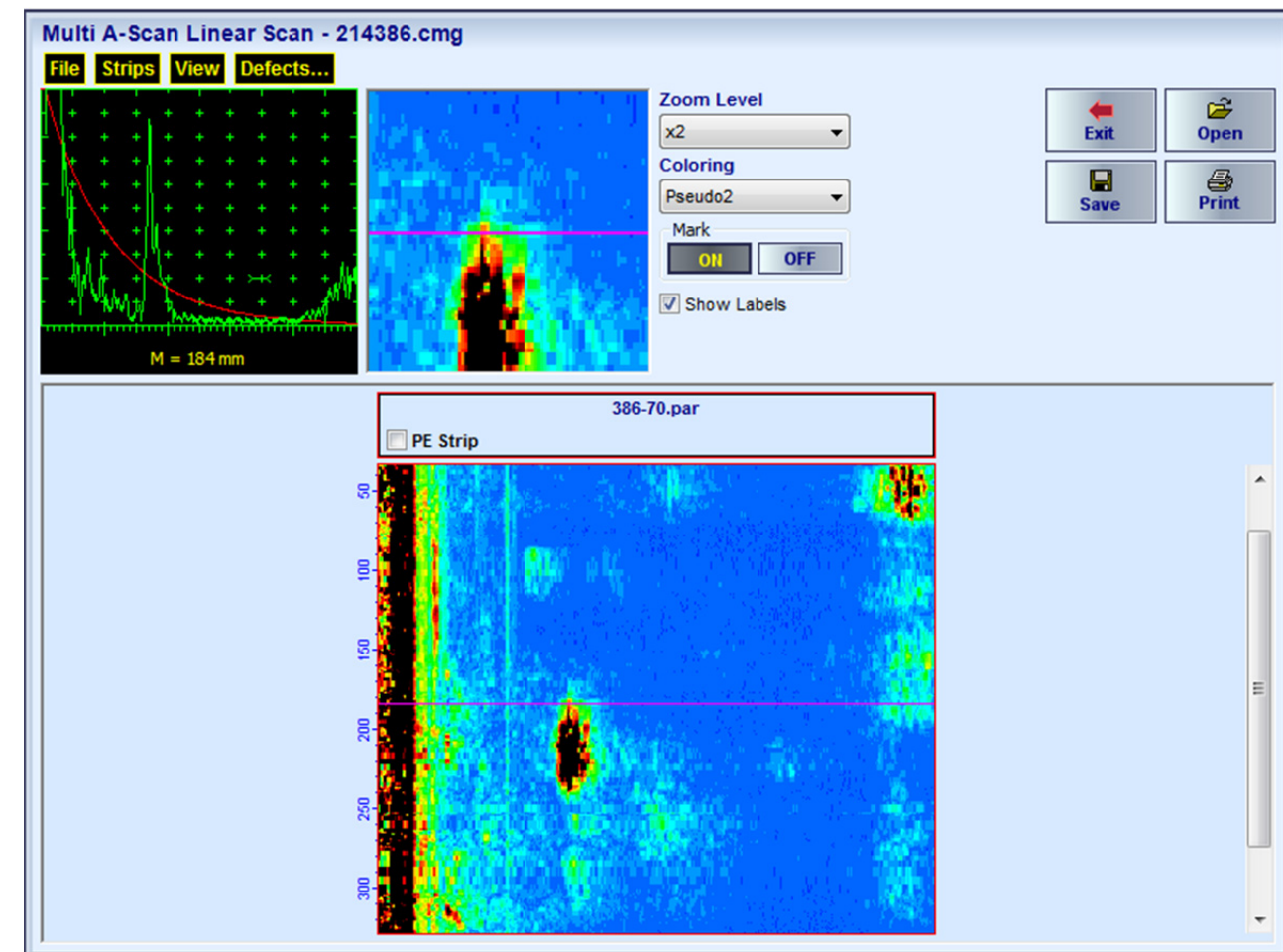
*SRUT Guided Wave Inspection with use of PA probe and Recording a single MAP STRIP*



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*SRUT Guided Wave Inspection with use of PA probe and Recording a single MAP STRIP*





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A-Scan calibration screen

Pipe wall map obtained through the scanning

