Item	*Order Code (Part ##)*
Inspection SW Application for ISONIC 3510 - Phased Array Modality: **Bridge Pin Test - Inspection of the Bridge Hanger Pins for the Transversal Cracks and Other Integrity Breaking Defects** ⇨ True-To-Geometry Bridge Pin Overlay Volume Corrected Imaging - Cross Sectional Along the Bridge Pin / Unfolded C-Scan / 3D ⇨ Sector-Scan Cross Sectional Along the Bridge Pin Coverage with Probe Placed on the Outer Side Surface ⇨ Intuitive Image Guided PA Pulser Receiver with Beam Forming View ⇨ DAC / TCG Normalization ⇨ Built-In Bridge Pin Geometry Editor and Ray Tracer - Scanning Pattern Design ⇨ Independent on TCG Angle Gain Compensation / Gain Per Focal Law Correction ⇨ Encoded and Time based Unfolded C-Scan ⇨ 100% Raw Data Capturing ⇨ Automatic Defects Alarming Upon C-Scan Acquisition Completed ⇨ Automatic Creation of Editable Defects List ⇨ Comprehensive Postrpocessing Including: → Recovery and Evaluation of Captured A-Scans from the Recorded Cross Sectional Along the Bridge Pin Views (Sector Scan) and C-Scans → Recovery of Cross Sectional Along the Bridge Pin Views from the Recorded C-Scans → Converting Recorded C-Scans or their Segments into 3D Images → Off-Line Gain Manipulation → Off-Line DAC Normalization of the Recorded Images / DAC Evaluation → Numerous Filtering / Reject Options (by Geometry / Position / By Amplitude / dB-to-DAC / etc) → Defects Sizing → Creation of Defect List and Storing it Into a Separate File → Automatic creating of inspection reports - hard copy / PDF File	SWA 3510023

Inspection of the bridge hanger pins – calibration / performance demonstration block

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Item	*Order Code (Part ##)*
Inspection SW Application for ISONIC 2010 / ISONIC 2010 EL - Phased Array Modality: **Bridge Pin Test - Inspection of the Bridge Hanger Pins for the Transversal Cracks and Other Integrity Breacking Defects** ⇨ True-To-Geometry Bridge Pin Overlay Volume Corrected Imaging - Cross Sectional Along the Bridge Pin / Unfolded C-Scan / 3D ⇨ Sector-Scan Cross Sectional Along the Bridge Pin Coverage with Probe Placed on the Outer Side Surface ⇨ Intuitive Image Guided PA Pulser Receiver with Beam Forming View ⇨ DAC / TCG Normalization ⇨ Built-In Bridge Pin Geometry Editor and Ray Tracer - Scanning Pattern Design ⇨ Independent on TCG Angle Gain Compensation / Gain Per Focal Law Correction ⇨ Encoded and Time based Unfolded C-Scan ⇨ 100% Raw Data Capturing ⇨ Automatic Defects Alarming Upon C-Scan Acquisition Completed ⇨ Automatic Creation of Editable Defects List ⇨ Comprehensive Postrpocessing Including: → Recovery and Evaluation of Captured A-Scans from the Recorded Cross Sectional Along the Bridge Pin Views (Sector Scan) and C-Scans → Recovery of Cross Sectional Along the Bridge Pin Views from the Recorded C-Scans → Converting Recorded C-Scans or their Segments into 3D Images → Off-Line Gain Manipulation → Off-Line DAC Normalization of the Recorded Images / DAC Evaluation → Numerous Filtering / Reject Options (by Geometry / Position / By Amplitude / dB-to-DAC / etc) → Defects Sizing → Creation of Defect List and Storing it Into a Separate File → Automatic creating of inspection reports - hard copy / PDF File	SWA 910823

Inspection of the bridge hanger pins – calibration / performance demonstration block

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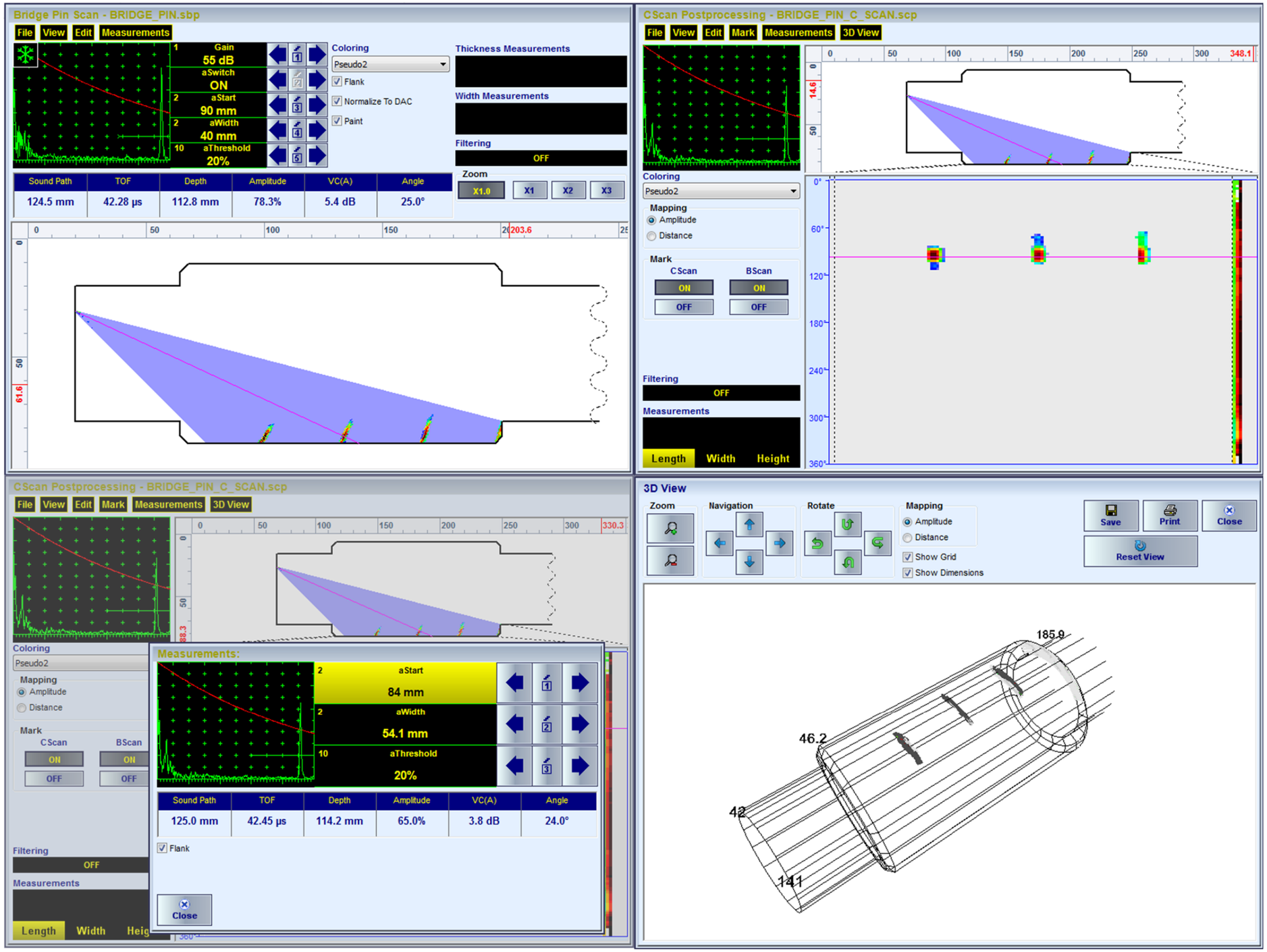
Typical Postprocessing Screenshots



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