

Veo3 Public Manifest

April 7, 2021

2021-04-07 Veo3 4.4.0

New Features

- 3688** Update of the D1S probe dimensions
- 3725** New Hilbert envelope on live TFM scan
- 3771** Up to 6 live TFM modes simultaneously
- 3843** New Time Corrected Gain (TCG) for live TFM
- 3844** New velocity and zero wizard for live TFM Scan
- 3857** New sensitivity setting for live TFM scan
- 3867** New sparse matrix capture (Fast TFM) functionality
- 3876** New simultaneously multitechnique scan (Phased-array, TFM, TOFD)
- 3904** Up to 64 elements aperture in live TFM scan
- 3914** New amplitude fidelity wizard for TFM scan
- 3948** New TFM configuration templates
- 3950** New 5T TFM propagation mode
- 4069** New multitechnique layout
- 4115** New touchscreen and keypad
- 4308** New Xpair update
- 3796** Total Focusing method (TFM) is now available

Fixed Issues

- 3687** New probe in UTstudio+ have all elements activated by default
- 3694** TCG is not reset when the start path is moved beyond the first point
- 3717** TCG curve interpolation improvement when a TCG point is outside of the scan
- 4223** Pulse width value of the MSEB4 probe has been updated.
- 4259** In extreme configurations, the phased-array PRF could, because of an issue, be applied on the UT channel.

Known Issues

- 4418** Issue with the propagation mode parameter while using the Autofit A-scan in the FMC scan
- 4429** Live TFM merged c-scan data is not displayed properly in play mode