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Produced by Clinical Training Center / SAMSUNG MEDISON CO.,LTD

TSI[™] (Tissue Scatter distribution Imaging) V series Quick Guide

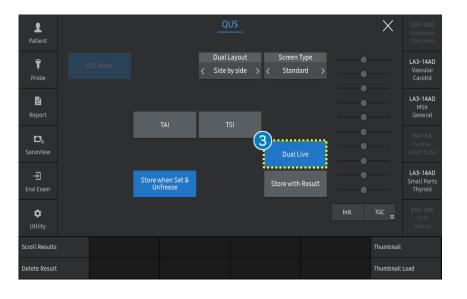
V series

TSI™

1. Start QUS

2 Patient	Co Touch Edit							CA1-7AD Abdomen Abdomen
P robe	Harmonic	S-Harmonic	Dual Layout < Side by side >	Screen⊂ ≺ Standa		•		LA3-14AD Vascular Carotid
Report		MV-Flow		۰۹۰۰ Wide Ar	ngle	•		LA3-14AD MSK General
₽ _Q SonoView	S-Shearwave Imaging	QUS	Panoramic+	< Off Dual L		•		PA1-5A Cardiac Adult Echo
→ End Exam	ShadowHDR	HQ-Vision	MultiVision	ClearVi	sion			LA3-14AD Small Parts Thyroid
Ç Utility					Init.			EV2-10A GYN Uterus
Frequency	Gen		MultiVision		ClearVision		Thumbnail	
Frame Average	5 DR	96 Edge Enhance	e O Reject	3	Gray Map	6	Thumbnail	Load

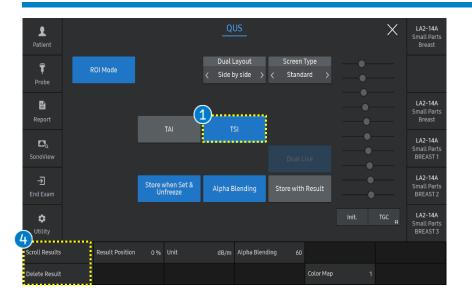
1 QUS	Tap the [QUS] on the touch screen to start.
2 Scan	Acquire liver parenchyma without vessel and reverberation artifact. B-mode image is placed in the right lobe of the liver at the intercostal space while the patient hold his or her breath.
3 Dual Live	You can select the [Dual Live] depends on your preference.

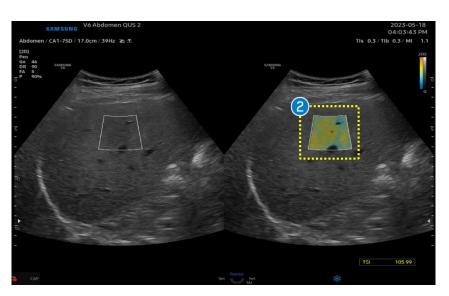


V series

TSI™

2. Activate TSI™





1	TSI	Activate the [TSI] function.
2	ROI Position	The ROI box is placed in a relatively homogenous region of the right lobe of the liver at least 2cm below the liver capsule, while avoiding areas with focal fat sparing or deposition and large vessels.
3	Set	Press the [Set] button on the control panel to confirm the result, the result value is displayed on the screen.
4	Scroll Results / Delete Result	Scroll the results and delete the specific result which is selected.

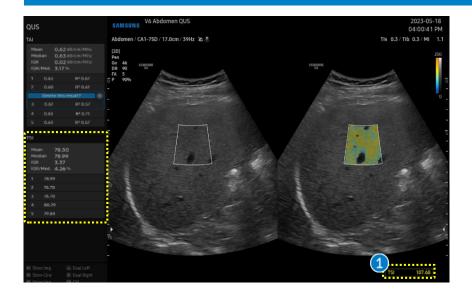
★Tips

Available to change the unit 'dB/m', 'dB/cm/MHz'.

V series

TSI™

3. The result of TSI™



1 Resu	lt	TSI [™] provides quantitative measurement of scattering coefficients of tissues.
2 Repo	ort	Select the [Report] button on the touch screen and the result value is saved on the report. You can check the mean and median value of consecutive measurements.

(2)	
TSI	Mean 76.73 Median 76.68
	IQR 0.61 IQR/Med. 0.80
ROI	Value
1	76.68
2	77.36
3	76.73
4	76.43
5	76.44
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- The features, options may not be commercially available in some countries.
- Sales and shipments are effective only after the approval by the regulatory affairs. Please contact your local sales representative for further details.
- This Quick guide does not include all of the details of instruction, fore more detail, please refer to V series User Manual.
- Do not distribute this document to customers unless relevant regulatory and legal affairs officers approve such distribution.
- This User Quick Guide is based on V series V1.05.
- Disclaimer: Some Images in this content were obtained from other system.

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