



# SUPERSONIC MACH30™ SUPERSONIC MACH20™

## Acoustic Table Guide

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# 1 Acoustic Table Guide



# Maximal Temperature Data

The table below provides the maximal temperature increase that may be reached for each transducer.

Transducer Name	Maximal temperature	Test Method
L18-5	21.6°C	Still air
C6-1X	19.4°C	Still air
C9-2X	22.9°C	Still air
E12-3	5.5°C	Simulated use
LV16-5	18.45°C	Still air
L10-2	20.1°C	Still air
MC12-3	18.5°C	Still air
P5-1X	8.2°C	Simulated use
LH20-6	6.4°C	Simulated use

# Table of Symbols used in Acoustic Output Reporting

The following symbols are used in the acoustic reporting tables below:

Symbol	Term
$f_{awf}$	acoustic working frequency
$I_{pa,\alpha}$	attenuated pulse-average intensity
$I_{spta}$	spatial-peak, temporal-average intensity
$I_{spta,\alpha}$	attenuated spatial-peak, temporal-average intensity
MI	mechanical index
$\eta_{pps}$	number of pulses per ultrasonic scan line
P	output power
$p_{1x1}$	bounded-square output power
$p_{r,\alpha}$	attenuated peak-rarefactional acoustic pressure

Symbol	Term
$p_r$	peak-rarefactional acoustic pressure
prf	pulse repetition frequency
srr	scan repetition rate
TI	thermal index
TIB	bone thermal index
TIC	cranial-bone thermal index
TIS	soft-tissue thermal index
$z_b$	depth for bone thermal index
$z_{MI}$	depth for mechanical index
$z_{pii,\alpha}$	depth for peak attenuated pulse intensity integral
$z_s$	depth for soft-tissue thermal index

## Detailed Acoustic Output Tables

### Acoustic Output Transducer/ Mode Summary Table

The SUPERSONIC MACH 20 and SUPERSONIC MACH 30 systems comply with IEC 60601-2-37 standard.

The following table summarizes the transducer/mode combinations for which the global maximum displayed MI or TI is greater than 1.0.



Table 1.1. Transducer/mode combinations for which the global maximum displayed MI or TI is greater than 1.0

Operating Mode	Transducers								
	L18-5	E12-3	LV16-5	L10-2	MC12-3	P5-1X	LH20-6	C6-1X	C9-2X
B-mode	☒	☒	☒	☒	☒	☒	☒	☒	☒
Pulsed Doppler	☒	☒	☒	☒	☒	☒	☒	☒	☒
Color Doppler	☒	☒	☒	☒	☒	☒	☒	☒	☒
Amplitude Doppler	☒	☒	☒	☒	☒	☒	☒	☒	☒
Directional Color Doppler	☒	☒	☒	☒	☒	☒	☒	☒	☒
SWE™ Mode	☒	☒	☒	☒	☒			☒	☒
B-Mode + Pulsed Doppler	☒	☒	☒	☒	☒	☒	☒	☒	☒
Harmonic Imaging	☒	☒	☒	☒	☒	☒	☒	☒	☒
CEUS								☒	☒
B-mode + 3D			☒						
SWE™ + 3D			☒						
M-mode		☒				☒		☒	☒
CW mode						☒			

## Measurement Uncertainties

The reported expanded uncertainty for the display of mechanical and thermal indices is based on a standard uncertainty multiplied by a coverage factor  $k=2$ , providing a coverage probability of approximately 95%.

At the above uncertainty level, the accuracy result for the Mechanical Index (MI) is +/-19.3% and the accuracy result for the Thermal Index (TI) is +/-53.1%.

Acoustic Quantity	Measurement Uncertainty
Power (P)	+/- 53.1 %
Pressure ( $p_{r,\alpha}$ )	+/- 19.3 %
Intensity ( $I_{pi\alpha}$ at max MI)	+/- 53.1 %
Center frequency ( $f_{awf}$ )	+/- 1 %

## Acoustic Output Detailed Tables

For each transducer/mode combination in the table above which is checked, a detailed acoustic output table has been provided on the following pages.

The probes for which TIC is marked with (b) are not intended for transcranial or neonatal cephalic uses.

# L18-5

## L18-5 B-MODE

Index Label	MI	TIS		TIB		TIC	
		At surface	Below surface	At surface	Below surface		
<b>Maximum Index Value</b>	<b>1,5</b>	<b>0,99</b>		<b>1,28</b>		<b>1,28</b>	
Index Component Value		0,99	0,99	1,28	0,99		
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	2,8					
	W0 (mW)		52,16		52,16	52,2	
	W1x1 (mW)		3,43		3,43		
	zs (cm)			0,2			
	zb (cm)					0,5	
	zMI (cm)	1,6					
	zpii,a (cm)	1,6					
fawf (MHz)	3,75		4,25		4,25	4,25	
<b>Other Information</b>	prr (Hz)	690					
	srr (Hz)	69					
	npps	10					
	lpa,a@zpii,a (W/cm2)	--					
	lspta,a@zpii,a (mW/cm2)	56,50					
	lspta@zpii (mW/cm2)	84,82					
pr@zpii (Mpa)	3,49						
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2		TIS		TIB		TIC
	Condition 3						
	Condition 4						
Condition 1: B: General, B mode THI, Focal zone 37 mm, PEN, SuperCompound on, Acoustic Power 0 dB							
Condition 2: B: Thyroid, B mode Fundamental, Focal zone 4 mm, PEN, SuperCompound off, Acoustic Power 0 dB							

# L18-5 COLOR DOPPLER

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>0,7</b>	<b>0,27</b>		<b>0,27</b>		<b>0,11</b>
Index Component Value			0,27	0,27	0,15	0,27	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	1,8					
	W0 (mW)		6,57		6,57		5,1
	W1x1 (mW)		0,29		0,29		
	zs (cm)			0,61			
	zb (cm)					0,59	
	zMI (cm)	1,8					
	zpii.a (cm)	2,0					
	fawf (MHz)	9,6	9,625		9,625		9,625
<b>Other Information</b>	prf (Hz)	135					
	srr (Hz)	135					
	npps	1					
	lpa.a@zpii.a (W/cm2)	124,9					
	lspta.a@zpii.a (mW/cm2)	54,11					
	lspta@zpii (mW/cm2)	105,88					
	pr@zpii (Mpa)	2,91					
<b>Operating control conditions</b>	Condition 1	MI	TIS		TIB		TIC
	Condition 2						
	Condition 3						
	Condition 4						
Condition 1: B: Thyroid, B mode Harmonic, Focal zone 14 mm, PEN, SuperCompound on, Acoustic Power 0 dB							

# L18-5 SWE

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>1,9</b>	<b>0,86</b>		<b>2,81</b>		<b>1,40</b>
Index Component Value			0,86	0,51	1,00	2,81	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	4,1					
	W0 (mW)		39,52		43,92		28,8
	W1x1 (mW)		39,52		43,92		
	zs (cm)			1,59			
	zb (cm)					2,7	
	zMI (cm)	1,3					
	zpii.a (cm)	1,6					
	fawf (MHz)	4,5		4,5		4,5	4,5
<b>Other Information</b>	prf (Hz)	19					
	srf (Hz)	1					
	npps	19,1,109					
	lpa.a@zpii.a (W/cm2)	367,7					
	lspta.a@zpii.a (mW/cm2)	4,36					
	lspta@zpii (mW/cm2)	0,00					
	pr@zpii (Mpa)	4,67					
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2		TIS		TIB		TIC
	Condition 3						
	Condition 4						
Condition 1: Breast, SWE Box position 20 mm, Bmode: Thyroid, B mode Harmonic, Focal zone 14 mm, PEN, SuperCompound on, Acoustic Power 0 dB							
Condition 2: Breast, SWE Box position 45 mm, Bmode: Thyroid, B mode Harmonic, Focal zone 14 mm, PEN, SuperCompound on, Acoustic Power 0 dB							

# L18-5 PW DOPPLER

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>0,7</b>	<b>0,09</b>		<b>0,30</b>		<b>1,42</b>
Index Component Value		0,09	0,07	0,17	0,30	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	1,5				
	W0 (mW)		3,70	3,70		3,7
	W1x1 (mW)		3,70	3,70		
	zs (cm)			0,81		
	zb (cm)				1,2	
	zMI (cm)	1,2				
	zpii.a (cm)	1,3				
	fawf (MHz)	5,0	5		5	5
<b>Other Information</b>	prr (Hz)	805				
	srr (Hz)	N/A				
	npps	1				
	lpa.a@zpii.a (W/cm2)	59,9				
	lspta.a@zpii.a (mW/cm2)	112,00				
	lspta@zpii (mW/cm2)	174,25				
pr@zpii (Mpa)	1,75					
<b>Operating control conditions</b>	Condition 1	MI				
	Condition 2		TIS		TIB	
	Condition 3					TIC
	Condition 4					
Condition 1: General, Focal zone 22 mm, SV 1 mm, Scale 8 cm/s, Acoustic Power 0 dB						
Condition 2: General, Focal zone 68 mm, SV 0.5 mm, Scale 110 cm/s, Acoustic Power 0 dB						
Condition 3: General, Focal zone 2 mm, SV 1.5 mm, Scale 190 cm/s, Acoustic Power 0 dB						

# L10-2

## L10-2 B-MODE

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>1,8</b>	<b>3,70</b>		<b>4,67</b>		<b>4,67</b>
Index Component Value		3,70	3,70	4,67	3,70	
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	3,6				
	W0 (mW)		177,77	177,77		177,77
	W1x1 (mW)		13,09	13,09		
	zs (cm)			--		
	zb (cm)				--	
	zMI (cm)	2,0				
	zpii,a (cm)	2,2				
fawf (MHz)	4,125	4,5		4,5		4,5
<b>Other Information</b>	prr (Hz)	300				
	srr (Hz)	30				
	npps	10				
	lpa,a@zpii,a (W/cm2)	389,0				
	lspta,a@zpii,a (mW/cm2)	545,04				
	lspta@zpii (mW/cm2)	962,53				
pr@zpii (Mpa)	4,73					
<b>Operating control conditions</b>	Condition 1	MI				
	Condition 2		TIS	TIB		TIC
	Condition 3					
	Condition 4					
Condition 1: Abdomen, B mode Harmonic, Supercompound, Focal 50 mm, GEN						
Condition 2: General, B mode Harmonic, No Supercompound, Focal 115 mm, PEN						

## L10-2 COLOR DOPPLER

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>1,8</b>	<b>2,34</b>		<b>2,64</b>		<b>1,16</b>
Index Component Value		2,34	2,34	2,64	2,34	
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	3,6				
	W0 (mW)		132,74	132,74		51,5
	W1x1 (mW)		2,82	2,82		
	zs (cm)			--		
	zb (cm)				--	
	zMI (cm)	2,0				
	zpii,a (cm)	2,2				
fawf (MHz)	4,125		4		4	4
<b>Other Information</b>	prr (Hz)	107				
	srr (Hz)	107				
	npps	1				
	lpa,a@zpii,a (W/cm2)	389,0				
	lspta,a@zpii,a (mW/cm2)	375,36				
	lspta@zpii (mW/cm2)	808,86				
pr@zpii (Mpa)	4,73					
<b>Operating control conditions</b>	Condition 1	MI				
	Condition 2		TIS		TIB	TIC
	Condition 3					
	Condition 4					
Condition 1: General, B mode Harmonic, Supercompound on, Focal 85 mm, Sector size Large, GEN						
Condition 2: General, B mode Harmonic, Focal max, Sector size small, GEN						



# L10-2 SWE

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>1,7</b>	<b>0,54</b>		<b>1,25</b>		<b>1,40</b>
Index Component Value			0,54	0,34	0,64	1,25	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	3,7					
	W0 (mW)		29,39		29,39		29,4
	W1x1 (mW)		29,39		29,39		
	zs (cm)			1,32			
	zb (cm)					2,34	
	zMI (cm)	2,1					
	zpii.a (cm)	2,4					
	fawf (MHz)	3,75	3,75		3,75		3,75
<b>Other Information</b>	prf (Hz)	19					
	srf (Hz)	1					
	npps	19,1,176					
	lpa.a@zpii.a (W/cm2)	733,3					
	lspta.a@zpii.a (mW/cm2)	14,85					
	lspta@zpii (mW/cm2)	26,54					
	pr@zpii (Mpa)	5,70					
<b>Operating control conditions</b>	Condition 1	MI	TIS		TIB		TIC
	Condition 2						
	Condition 3						
	Condition 4						
Condition 1: General, B mode Harmonic, GEN, Focal 50 mm, Sector size small, Std, SWE Box Size: min height/min width, SWE Box position: up/center							

## L10-2 PW DOPPLER

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>1,1</b>	<b>1,49</b>		<b>4,57</b>		<b>1,65</b>
Index Component Value			1,49	1,26	3,62	4,57	
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	2,2					
	W0 (mW)		78,27		78,27		78,3
	W1x1 (mW)		78,27		78,27		
	zs (cm)			0,81			
	zb (cm)					1,62	
	zMI (cm)	1,8					
	zpii,a (cm)	1,9					
	fawf (MHz)	4,00		4		4	4
<b>Other Information</b>	prr (Hz)	628					
	srr (Hz)	N/A					
	npps	1					
	lpa,a@zpii,a (W/cm2)	175,7					
	lspta,a@zpii,a (mW/cm2)	109,41					
	lspta@zpii (mW/cm2)	186,94					
pr@zpii (Mpa)	2,65						
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2		TIS				
	Condition 3				TIB		
	Condition 4						TIC
Condition 1: General, Focal 50 mm, SV 3.6 cm, Scale 20 cm/s.							
Condition 2: General, Focal 50 mm, SV 1 cm, Scale 40 cm/s.							
Condition 3: General, Focal 68 mm, SV 1.6 cm, Scale 80 cm/s.							
Condition 4: General, Focal 50 mm, SV 2.5 cm, Scale 40 cm/s.							

## MC12-3

\*In the following MC12-3 tables, N.D means that the measurements are estimated.

### MC12-3 B-MODE

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>1,7</b>	<b>0,15</b>		<b>0,19</b>		<b>0,44</b>
Index Component Value			0,15	0,15	0,19	0,15	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	3,7					
	W0 (mW)		7,43		7,43		16,88
	W1x1 (mW)		2,88		2,88		
	zs (cm)			N.D			
	zb (cm)					N.D	
	zMI (cm)	1,4					
	zpii.a (cm)	1,4					
	fawf (MHz)	4,875	4,25		4,25		4,875
<b>Other Information</b>	pr (Hz)	275					
	srr (Hz)	55					
	npps	5					
	lpa.a@zpii.a (W/cm2)	N.D					
	lspta.a@zpii.a (mW/cm2)	40,5					
	lspta@zpii (mW/cm2)	65,6					
pr@zpii (Mpa)	4,8						
<b>Operating control conditions</b>	Condition 1	MI					TIC
	Condition 2		TIS		TIB		
	Condition 3						
	Condition 4						
Condition 1: Thyroid, B mode Fundamental, Focal Zone 34 mm, PEN, Super Compound on, Acoustic Power 0 dB							
Condition 2: General, B mode Fundamental, Focal zone 64 mm, GEN, Acoustic Power 0 dB							

## MC12-3 COLOR DOPPLER

Index Label	MI	TIS		TIB		TIC	
		At surface	Below surface	At surface	Below surface		
<b>Maximum Index Value</b>	<b>1,6</b>	<b>0,40</b>		<b>0,65</b>		<b>0,85</b>	
Index Component Value		0,40	0,40	0,65	0,38		
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	3,4					
	W0 (mW)		17,30	16,95		20,50	
	W1x1 (mW)		0,40	0,38			
	zs (cm)			0			
	zb (cm)				0		
	zMI (cm)	0,7					
	zpii.a (cm)	0,7					
	fawf (MHz)	4,50	5,375	5,375	5,375	5,375	
<b>Other Information</b>	prr (Hz)	330					
	srr (Hz)	30					
	npps	11					
	lpa.a@zpii.a (W/cm2)	N.D					
	lspta.a@zpii.a (mW/cm2)	214,2					
	lspta@zpii (mW/cm2)	266,2					
	pr@zpii (Mpa)	442,0					
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2		TIS		TIB		TIC
	Condition 3						
	Condition 4						
Condition 1: General, B mode Fundamental, Focal zone 7 mm, GEN, Acoustic Power 0 dB							
Condition 2: General, B mode Fundamental, Focal zone 22 mm, GEN, Acoustic Power 0 dB							

# MC12-3 SWE

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>1,1</b>	<b>0,10</b>		<b>0,23</b>		<b>0,13</b>
Index Component Value			0,10	0,07	0,13	0,23	
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	2,4					
	W0 (mW)			4,72		4,72	4,72
	W1x1 (mW)			4,72		4,72	
	zs (cm)			1,205			
	zb (cm)					1,93	
	zMI (cm)	2,2					
	zpii,a (cm)	2,1					
fawf (MHz)	4,50		4,5		4,5	4,5	
<b>Other Information</b>	prr (Hz)	6					
	srr (Hz)	1					
	npps	6,1,3					
	lpa,a@zpii,a (W/cm2)	340,7					
	lspta,a@zpii,a (mW/cm2)	65,8					
	lspta@zpii (mW/cm2)	122,2					
pr@zpii (Mpa)	3,3						
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2			TIS		TIB	TIC
	Condition 3						
	Condition 4						
Condition 1: General, SWE Box at 35mm, Std, B mode Harmonics, Pen, Acoustic Power 0 dB							
Condition 2: General, SWE Box at 50mm, Std, B mode Fundamental, Gen, Acoustic Power 0 dB							

## MC12-3 PW DOPPLER

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>1,1</b>	<b>1,23</b>		<b>1,84</b>		<b>1,85</b>
Index Component Value		1,23	0,91	1,02	1,84	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	2,3				
	W0 (mW)		57,50	46,50		57,50
	W1x1 (mW)		57,50	46,50		
	zs (cm)			1,16		
	zb (cm)				1,16	
	zMI (cm)	0,8				
	zpii.a (cm)	0,8				
	fawf (MHz)	4,50	4,5		4,5	4,5
<b>Other Information</b>	prf (Hz)	1800				
	srr (Hz)	N/A				
	npps	1				
	lpa.a@zpii.a (W/cm2)	138,0				
	lspta.a@zpii.a (mW/cm2)	357,0				
	lspta@zpii (mW/cm2)	463,0				
	pr@zpii (Mpa)	2,7				
<b>Operating control conditions</b>	Condition 1	MI				
	Condition 2		TIS		TIB	TIC
	Condition 3					
	Condition 4					
Condition 1: General, Focal zone 22 mm, SV 1.0 mm, Scale 6 cm/s						
Condition 2: General, Focal zone 68 mm, SV 2.0 mm, Scale max						

# P5-1X

## P5-1X B-MODE

Index Label	MI	TIS		TIB		TIC	
		At surface	Below surface	At surface	Below surface		
<b>Maximum Index Value</b>	<b>1,8</b>	<b>0,98</b>		<b>1,81</b>		<b>0,10</b>	
Index Component Value		0,98	0,98	1,81	0,98		
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	2,3					
	W0 (mW)		3,82	3,82		12,28	
	W1x1 (mW)		3,45	3,45			
	zs (cm)			--			
	zb (cm)				--		
	zMI (cm)	3,5					
	zpii,a (cm)	3,5					
fawf (MHz)	1,7	1,7		1,7		1,7	
<b>Other Information</b>	prr (Hz)	94					
	srr (Hz)	9					
	npps	10					
	lpa,a@zpii,a (W/cm2)	228,1					
	lspta,a@zpii,a (mW/cm2)	35,7					
	lspta@zpii (mW/cm2)	14,2					
pr@zpii (Mpa)	2,8						
<b>Operating control conditions</b>	Condition 1	MI	TIS		TIB		TIC
	Condition 2						
	Condition 3						
	Condition 4						
Condition 1: B: General, Bmode THI, Focal zone 4 mm, PEN, Acoustic Power 0 dB							

## P5-1X COLOR DOPPLER

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>1,7</b>	<b>0,33</b>	<b>0,33</b>	<b>0,67</b>	<b>0,32</b>	<b>0,10</b>
Index Component Value		0,33	0,33	0,67	0,32	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	2,3				
	W0 (mW)		178,80	178,80		15,24
	W1x1 (mW)		0,82	0,82		
	zs (cm)			--		
	zb (cm)				--	
	zMI (cm)	5,5				
	zpii.a (cm)	5,2				
	fawf (MHz)	1,70	1,7		1,7	1,7
<b>Other Information</b>	prr (Hz)	17				
	srr (Hz)	17				
	npps	1				
	lpa.a@zpii.a (W/cm2)	306,7				
	lspta.a@zpii.a (mW/cm2)	248,9				
	lspta@zpii (mW/cm2)	312,9				
	pr@zpii (Mpa)	3,1				
<b>Operating control conditions</b>	Condition 1	MI				
	Condition 2		TIS		TIB	TIC
	Condition 3					
	Condition 4					
Condition 1: General, B mode Harmonics, Focal zone 30 mm, GEN, Acoustic Power 0 dB						
Condition 2: General, B mode Harmonics, Focal zone 100 mm, RES, Acoustic Power 0 dB						



## P5-1X PW DOPPLER

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>1,5</b>	<b>0,81</b>		<b>0,67</b>		<b>0,10</b>
Index Component Value			0,81	0,78	1,36	0,81	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	1,9					
	W0 (mW)		6,07		2,19		15,24
	W1x1 (mW)		5,06		1,72		
	zs (cm)			2,98			
	zb (cm)					3,97	
	zMI (cm)	6,2					
	zpii.a (cm)	5,9					
	fawf (MHz)	1,70		1,7		2,5	1,7
<b>Other Information</b>	prr (Hz)	28					
	srr (Hz)	N/A					
	npps	1					
	lpa.a@zpii.a (W/cm2)	191,1					
	lspta.a@zpii.a (mW/cm2)	254,2					
	lspta@zpii (mW/cm2)	312,9					
pr@zpii (Mpa)	2,7						
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2		TIS				TIC
	Condition 3				TIB		
	Condition 4						
Condition 1: General, Focal zone 34 mm, SV 1.5 mm, Scale 35 cm/s							
Condition 2: General, Focal zone 140 mm, SV 1.5 mm, Scale 60 cm/s							
Condition 3: General, Focal zone 80 mm, SV 0.5 mm, Scale 90 cm/s							

# C9-2X

## C9-2X B-MODE

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>0,8</b>	<b>1,07</b>		<b>1,11</b>		<b>1,11</b>
Index Component Value		1,07	1,07	1,11	1,07	
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	2,0				
	W0 (mW)		116,12	116,12		116,12
	W1x1 (mW)		7,54	7,54		
	zs (cm)		--			
	zb (cm)				--	
	zMI (cm)	1,6				
	zpii,a (cm)	2,0				
	fawf (MHz)	5,312	1,9375		1,9375	
<b>Other Information</b>	prr (Hz)	220				
	srr (Hz)	55				
	npps	10				
	lpa,a@zpii,a (W/cm2)	95,8				
	lspta,a@zpii,a (mW/cm2)	13,3				
	lspta@zpii (mW/cm2)	24,0				
pr@zpii (Mpa)	2,4					
<b>Operating control conditions</b>	Condition 1	MI				
	Condition 2		TIS	TIB		TIC
	Condition 3					
	Condition 4					
Condition 1: Breast, B mode Harmonic, Focal Zone 16 mm, GEN, Super Compound on, Acoustic Power 0 dB						
Condition 2: General, B mode Fundamental, Focal zone 34 mm, GEN, Acoustic Power 0 dB						

## C9-2X COLOR DOPPLER

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>1,2</b>	<b>1,33</b>	<b>1,33</b>	<b>1,33</b>	<b>1,33</b>	<b>0,82</b>
Index Component Value		1,33	1,33	1,31	1,33	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	1,9				
	W0 (mW)		112,43	112,43		72,23
	W1x1 (mW)		6,93	6,93		
	zs (cm)			2,1		
	zb (cm)				1,8	
	zMI (cm)	4,0				
	zpii.a (cm)	6,8				
	fawf (MHz)	2,375	2,375		2,375	2,375
<b>Other Information</b>	prr (Hz)	150				
	srr (Hz)	150				
	npps	1				
	lpa.a@zpii.a (W/cm2)	149,8				
	lspta.a@zpii.a (mW/cm2)	244,3				
	lspta@zpii (mW/cm2)	561,6				
	pr@zpii (Mpa)	2,7				
<b>Operating control conditions</b>	Condition 1	MI	TIS	TIB		TIC
	Condition 2					
	Condition 3					
	Condition 4					
Condition 1: General, B mode Harmonic, Supercompound on, Focal 75 mm, Sector size Small, PEN						

## C9-2X SWE

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>1,4</b>	<b>0,64</b>		<b>0,28</b>		<b>1,01</b>
Index Component Value			0,64	0,27	0,25	0,28	
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	2,4					
	W0 (mW)		41,05		25,02		41,05
	W1x1 (mW)		49,08		25,49		
	zs (cm)			2,25			
	zb (cm)					2,85	
	zMI (cm)	3,2					
	zpii,a (cm)	3,2					
	fawf (MHz)	3,00		3		3	3
<b>Other Information</b>	prr (Hz)	17					
	srr (Hz)	1					
	npps	17,1,120					
	lpa,a@zpii,a (W/cm2)	303,4					
	lspta,a@zpii,a (mW/cm2)	8,8					
	lspta@zpii (mW/cm2)	0,0					
pr@zpii (Mpa)	3,3						
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2		TIS		TIB		TIC
	Condition 3						
	Condition 4						
Condition 1: General, SWE Box at 35mm, Std, B mode Harmonics, Pen, Acoustic Power 0 dB							
Condition 2: General, SWE Box at 50mm, Std, B mode Harmonics, Gen, Acoustic Power 0 dB							

## C9-2X PW DOPPLER

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>1,1</b>	<b>1,04</b>		<b>2,43</b>		<b>3,50</b>
Index Component Value		1,04	0,73	1,50	2,43	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	1,8				
	W0 (mW)		91,52	91,52		7,58
	W1x1 (mW)		91,52	91,52		
	zs (cm)			2,28		
	zb (cm)				3,55	
	zMI (cm)	3,8				
	zpii.a (cm)	4,1				
fawf (MHz)	2,375	2,375		2,375		2,375
<b>Other Information</b>	prr (Hz)	785				
	srr (Hz)	N/A				
	npps	10				
	lpa.a@zpii.a (W/cm2)	146,0				
	lspta.a@zpii.a (mW/cm2)	0,0				
	lspta@zpii (mW/cm2)	0,0				
pr@zpii (Mpa)	2,4					
<b>Operating control conditions</b>	Condition 1	MI				
	Condition 2		TIS		TIB	TIC
	Condition 3					
	Condition 4					
Condition 1: General, Focal zone 22 mm, SV 1.0 mm, Scale 6 cm/s						
Condition 2: General, Focal zone 140 mm, SV 1.5 mm, Scale 30 cm/s						

# E12-3

## E12-3 B-MODE

Index Label	MI	TIS		TIB		TIC	
		At surface	Below surface	At surface	Below surface		
<b>Maximum Index Value</b>	<b>1,6</b>	<b>0,26</b>		<b>0,26</b>		<b>0,26</b>	
Index Component Value		0,26	0,26	0,26	0,26		
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	3,7					
	W0 (mW)		12,94		12,94	12,94	
	W1x1 (mW)		2,61		2,61		
	zs (cm)			--			
	zb (cm)				--		
	zMI (cm)	0,6					
	zpii,a (cm)	0,6					
	fawf (MHz)	5,13	4,125		4,125		4,125
<b>Other Information</b>	prf (Hz)	275					
	srf (Hz)	55					
	npps	10					
	lpa.a@zpii,a (W/cm2)	673,6					
	lspta.a@zpii,a (mW/cm2)	229,1					
	lspta@zpii (mW/cm2)	288,6					
	pr@zpii (Mpa)	4,3					
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2		TIS		TIB		TIC
	Condition 3						
	Condition 4						
Condition 1: General, B mode THI, Focal Zone 16 mm, PEN, Super Compound on, Acoustic Power 0 dB							
Condition 2: General, B mode THI, Focal zone 28 mm, GEN, Acoustic Power 0 dB							

## E12-3 COLOR DOPPLER

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>1,0</b>	<b>0,32</b>		<b>0,53</b>		<b>0,00</b>
Index Component Value			0,32	0,32	0,53	0,32	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	2,6					
	W0 (mW)		13,37		13,37		0,00
	W1x1 (mW)		0,13		0,13		
	zs (cm)			1,1			
	zb (cm)					1,2	
	zMI (cm)	0,6					
	zpii.a (cm)	0,6					
	fawf (MHz)	5,75		5,75		5,75	5,75
<b>Other Information</b>	prf (Hz)	30					
	srr (Hz)	3					
	npps	10					
	lpa.a@zpii.a (W/cm2)	300,5					
	lspta.a@zpii.a (mW/cm2)	41,0					
	lspta@zpii (mW/cm2)	53,3					
	pr@zpii (Mpa)	2,8					
<b>Operating control conditions</b>	Condition 1	MI	TIS		TIB		TIC
	Condition 2						
	Condition 3						
	Condition 4						
Condition 1: Prostate, B mode Fundamental, Focal zone 30 mm, GEN, Acoustic Power 0 dB							

## E12-3 SWE

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>1,6</b>	<b>0,37</b>		<b>0,77</b>		<b>1,00</b>
Index Component Value			0,37	0,21	0,39	0,77	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	3,4					
	W0 (mW)		16,26		16,26		16,26
	W1x1 (mW)		16,90		16,90		
	zs (cm)			1,72			
	zb (cm)					2,11	
	zMI (cm)	1,9					
	zpii.a (cm)	2,0					
fawf (MHz)	4,50		4,5		4,5	4,5	
<b>Other Information</b>	prr (Hz)	19					
	srr (Hz)	1					
	npps	19,1,89					
	lpa.a@zpii.a (W/cm2)	522,9					
	lspta.a@zpii.a (mW/cm2)	2,7					
	lspta@zpii (mW/cm2)	0,0					
	pr@zpii (Mpa)	4,6					
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2		TIS		TIB		TIC
	Condition 3						
	Condition 4						
Condition 1: General, SWE Box position depth 2 mm, SWE Box size depth 32 mm, Bmode : Prostate, B mode Fundamental, Focal zone 30 mm, GEN, Acoustic Power 0 dB							
Condition 2: General, SWE Box position depth 9.5 mm, SWE Box size depth 37 mm, Bmode : Prostate, B mode Fundamental, Focal zone 30 mm, GEN, Acoustic Power 0 dB							



## E12-3 PW DOPPLER

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>1,6</b>	<b>0,83</b>		<b>1,27</b>		<b>2,03</b>
Index Component Value		0,83	0,62	0,88	1,27	
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	3,4				
	W0 (mW)		38,92	27,25		33,35
	W1x1 (mW)		38,92	27,25		
	zs (cm)			1,16		
	zb (cm)				1,78	
	zMI (cm)	2,0				
	zpii,a (cm)	2,0				
	fawf (MHz)	4,50	4,5		4,5	4,5
<b>Other Information</b>	prr (Hz)	725				
	srr (Hz)	N/A				
	npps	10				
	lpa,a@zpii,a (W/cm2)	449,7				
	lspta,a@zpii,a (mW/cm2)	0,0				
	lspta@zpii (mW/cm2)	0,0				
	pr@zpii (Mpa)	4,8				
<b>Operating control conditions</b>	Condition 1	MI				
	Condition 2		TIS		TIB	TIC
	Condition 3					
	Condition 4					
Condition 1: General, SV Position depth 40 mm, SV size 2 mm, Scale 6.2 cm/s,						
Condition 2: General, SV Position depth 50 mm, SV size 2 mm, Scale 170 cm/s						

# C6-1X

## C6-1X B-MODE

Index Label	MI	TIS		TIB		TIC	
		At surface	Below surface	At surface	Below surface		
<b>Maximum Index Value</b>	<b>1,4</b>	<b>2,46</b>		<b>2,46</b>		<b>2,21</b>	
Index Component Value		2,46	2,46	2,21	2,46		
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	2,2					
	W0 (mW)		283,28	283,28		283,28	
	W1x1 (mW)		12,57	12,57			
	zs (cm)			4,8			
	zb (cm)				4,8		
	zMI (cm)	1,8					
	zpii,a (cm)	1,7					
fawf (MHz)	2,800	2,5		2,5		2,5	
<b>Other Information</b>	prr (Hz)	17					
	srr (Hz)	8					
	npps	10					
	lpa,a@zpii,a (W/cm2)	156,10					
	lspta,a@zpii,a (mW/cm2)	1,30					
	lspta@zpii (mW/cm2)	1,90					
pr@zpii (Mpa)	2,70						
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2		TIS		TIB		TIC
	Condition 3						
	Condition 4						
Condition 1: B: General, B mode Fundamental, Focal zone 7 mm, RES, Acoustic Power 0 dB							
Condition 2: B: General, B mode Fundamental, Focal zone 4 mm, PEN, SuperCompound on, Acoustic Power 0 dB							

## C6-1X COLOR DOPPLER

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>1,3</b>	<b>2,46</b>	<b>2,46</b>	<b>2,46</b>	<b>2,46</b>	<b>1,60</b>
Index Component Value		2,46	2,46	2,24	2,46	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	2,0				
	W0 (mW)		289,30	289,33		205,33
	W1x1 (mW)		9,51	9,51		
	zs (cm)			4,8		
	zb (cm)				4,8	
	zMI (cm)	4,1				
	zpii.a (cm)	4,3				
	fawf (MHz)	2,188	1,875		1,875	1,875
<b>Other Information</b>	prr (Hz)	180				
	srr (Hz)	18				
	npps	1				
	lpa.a@zpii.a (W/cm2)	240,69				
	lspta.a@zpii.a (mW/cm2)	83,36				
	lspta@zpii (mW/cm2)	158,68				
	pr@zpii (Mpa)	2,79				
<b>Operating control conditions</b>	Condition 1	MI				
	Condition 2		TIS		TIB	TIC
	Condition 3					
	Condition 4					
Condition 1: B: Renal, B mode Harmonics, Focal zone 86 mm, GEN, Acoustic Power 0 dB						
Condition 2: Thyroid, B mode Fundamental, Focal Zone 64 mm, PEN, Super Compound on, Acoustic Power 0 dB						

## C6-1X SWE

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>1,7</b>	<b>0,51</b>		<b>0,88</b>		<b>1,41</b>
Index Component Value			0,51	0,21	0,49	0,88	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	2,4					
	W0 (mW)		47,90		47,90		0,00
	W1x1 (mW)		49,00		49,00		
	zs (cm)			2,37			
	zb (cm)					2,86	
	zMI (cm)	3,0					
	zpii.a (cm)	3,1					
	fawf (MHz)	1,875		1,875		1,875	1,875
<b>Other Information</b>	prr (Hz)	16					
	srr (Hz)	1					
	npss	16,1,116					
	lpa.a@zpii.a (W/cm2)	160,47					
	lspta.a@zpii.a (mW/cm2)	15,15					
	lspta@zpii (mW/cm2)	0,00					
pr@zpii (Mpa)	2,78						
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2		TIS		TIB		TIC
	Condition 3						
	Condition 4						
Condition 1: General, SWE Box position 55mm, Bmode : Renal, B mode Harmonics, Focal zone 86 mm, GEN, Acoustic Power 0 dB							
Condition 2: General, SWE Box position 85mm, Bmode : Thyroid, B mode Fundamental, Focal Zone 64 mm, PEN, Super Compound on, Acoustic Power 0 dB							

## C6-1X PW DOPPLER

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>1,1</b>	<b>0,44</b>		<b>3,24</b>		<b>1,66</b>
Index Component Value		0,44	0,39	2,01	3,24	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	1,5				
	W0 (mW)		59,18	138,23		42,65
	W1x1 (mW)		48,72	114,74		
	zs (cm)		2,57			
	zb (cm)				3,88	
	zMI (cm)	3,7				
	zpii.a (cm)	4,1				
fawf (MHz)	1,937	1,937		1,937		1,937
<b>Other Information</b>	prf (Hz)	623				
	srr (Hz)	N/A				
	npps	1				
	lpa.a@zpii.a (W/cm2)	124,30				
	lspta.a@zpii.a (mW/cm2)	116,49				
	lspta@zpii (mW/cm2)	201,96				
pr@zpii (Mpa)	1,76					
<b>Operating control conditions</b>	Condition 1	MI				
	Condition 2		TIS			
	Condition 3			TIB		TIC
	Condition 4					
Condition 1: General, Focal zone 32 mm, SV 3.0 mm, Scale 13 cm/s						
Condition 2: General, Focal zone 180 mm, SV 1 mm, Scale max						
Condition 3: General, Focal zone 86 mm, SV 7.5 mm, Scale max						

# LH20-6

## LH20-6 B-MODE

Index Label	MI	TIS		TIB		TIC	
		At surface	Below surface	At surface	Below surface		
<b>Maximum Index Value</b>	<b>1,1</b>	<b>0,04</b>		<b>0,04</b>		<b>0,03</b>	
Index Component Value		0,04	0,04	0,03	0,04		
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	3,4					
	W0 (mW)		0,89		0,89	0,89	
	W1x1 (mW)		0,04		0,04		
	zs (cm)			--			
	zb (cm)					--	
	zMI (cm)	1,0					
	zpii,a (cm)	1,0					
fawf (MHz)	9,75	9,75		9,75		9,75	
<b>Other Information</b>	prr (Hz)	300					
	srr (Hz)	30					
	npps	10					
	lpa,a@zpii,a (W/cm2)	376,81					
	lspta,a@zpii,a (mW/cm2)	77,17					
	lspta@zpii (mW/cm2)	142,94					
pr@zpii (Mpa)	4,39						
<b>Operating control conditions</b>	Condition 1	MI	TIS		TIB		TIC
	Condition 2						
	Condition 3						
	Condition 4						
Condition 1: B: General, Bmode Fundamental, Focal zone 20 mm, GEN, Acoustic Power 0 dB							

## LH20-6 COLOR DOPPLER

Index Label	MI	TIS		TIB		TIC	
		At surface	Below surface	At surface	Below surface		
<b>Maximum Index Value</b>	<b>1,1</b>	<b>0,29</b>		<b>0,29</b>		<b>0,01</b>	
Index Component Value		0,29	0,29	0,29	0,29		
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	3,3					
	W0 (mW)		7,12	7,12		0,21	
	W1x1 (mW)		0,03	0,03			
	zs (cm)			0,25			
	zb (cm)				1,2		
	zMI (cm)	0,9					
	zpii.a (cm)	1,0					
	fawf (MHz)	8,88	10,25		10,25	10,25	
<b>Other Information</b>	prr (Hz)	35					
	srr (Hz)	3					
	npps	1					
	lpa.a@zpii.a (W/cm2)	285,63					
	lspta.a@zpii.a (mW/cm2)	85,13					
	lspta@zpii (mW/cm2)	162,88					
pr@zpii (Mpa)	4,32						
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2		TIS		TIB		TIC
	Condition 3						
	Condition 4						
Condition 1: B: Knee, Bmode THI, Focal zone 4 mm, PEN, Acoustic Power 0 dB							
Condition 2: B: General, Bmode THI, Focal zone 40 mm, PEN, Acoustic Power 0 dB							

## LH20-6 SWE

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>1,1</b>	<b>0,48</b>		<b>0,80</b>		<b>1,41</b>
Index Component Value			0,48	0,28	0,43	0,80	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	3,5					
	W0 (mW)		11,77		11,77		11,77
	W1x1 (mW)		11,77		11,77		
	zs (cm)			1,25			
	zb (cm)					1,52	
	zMI (cm)	1,5					
	zpii.a (cm)	1,5					
fawf (MHz)	7,5		7,5		7,5		7,5
<b>Other Information</b>	prr (Hz)	80					
	srr (Hz)	2					
	npps	80,2,252					
	lpa.a@zpii.a (W/cm2)	441,20					
	lspta.a@zpii.a (mW/cm2)	9,21					
	lspta@zpii (mW/cm2)	15,50					
pr@zpii (Mpa)	4,77						
<b>Operating control conditions</b>	Condition 1	MI					
	Condition 2		TIS		TIB		TIC
	Condition 3						
	Condition 4						
Condition 1: Knee, SWE Box position depth 5.3 mm, SWE Box size depth 10 mm, Bmode : Knee, B mode Harmonics, Focal zone 4 mm, PEN, Acoustic Power 0 dB							
Condition 2: General, SWE Box position depth 7 mm, SWE Box size depth 10 mm, Bmode : General, B mode Harmonics, Focal zone 40 mm, PEN, Acoustic Power 0 dB							



## LH20-6 PW DOPPLER

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>1,5</b>	<b>0,30</b>	<b>0,20</b>	<b>0,38</b>	<b>0,81</b>	<b>1,53</b>
Index Component Value		0,30	0,20	0,38	0,81	
<b>Associated Acoustic Parameters</b>	pr.a@zMI (Mpa)	4,0				
	W0 (mW)		8,36	8,36		8,36
	W1x1 (mW)		8,36	8,36		
	zs (cm)			0,83		
	zb (cm)				0,83	
	zMI (cm)	0,9				
	zpii.a (cm)	1,0				
	fawf (MHz)	7,25	7,25		7,25	7,25
<b>Other Information</b>	prr (Hz)	805				
	srr (Hz)	N/A				
	npps	1				
	lpa.a@zpii.a (W/cm2)	492,78				
	lspta.a@zpii.a (mW/cm2)	157,89				
	lspta@zpii (mW/cm2)	256,51				
	pr@zpii (Mpa)	4,92				
<b>Operating control conditions</b>	Condition 1	MI				
	Condition 2		TIS		TIB	TIC
	Condition 3					
	Condition 4					
Condition 1: General, SV Position depth 40 mm, SV size 0.5 mm, Scale 10.3 cm/s						
Condition 2: General, SV Position depth 4 mm, SV size 2 mm, Scale 150 cm/s						

# LV16-5

## LV16-5 B-MODE

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>1,6</b>	<b>0,17</b>		<b>0,19</b>		<b>0,19</b>
Index Component Value		0,17	0,17	0,19	0,17	
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	3,7				
	W0 (mW)		6,69	6,69		0,01
	W1x1 (mW)		6,69	6,69		
	zs (cm)					
	zb (cm)				--	
	zMI (cm)	1,2				
	zpii,a (cm)	1,2				
	fawf (MHz)	5	5,25		5,25	5,25
<b>Other Information</b>	prr (Hz)	690				
	srr (Hz)	69				
	npps	10				
	lpa,a@zpii,a (W/cm2)	224,3				
	lspta,a@zpii,a (mW/cm2)	307,2				
	lspta@zpii (mW/cm2)	459,6				
	pr@zpii (Mpa)	4,51				
<b>Operating control conditions</b>	Condition 1	MI				
	Condition 2		TIS	TIB		TIC
	Condition 3					
	Condition 4					
Condition 1 :Breast preset ; Harmonic ; Optimization = Pen ; focal position 22 mm ; Acoustic Power 0 dB						
Condition 2 :Breast preset ; Harmonic ; Optimization = Pen ; focal position 52 mm ; Acoustic Power 0 dB						

# LV16-5 COLOR DOPPLER

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
Maximum Index Value	1,6	0,52		0,53		0,38
Index Component Value		B : 0.17 C : 0.34	B : 0.17 C : 0.34	B : 0.19 C : 0.17	B : 0.17 C : 0.34	
Associated Acoustic Parameters	pr,a@zMI (Mpa)	B : 3.7 C : 2.9				
	W0 (mW)		B : 6.69 C : 8.11	B : 6.69 C : 8.11		B : 0.01 C : 0.01
	W1x1 (mW)		B : 6.69 C : 8.11	B : 6.69 C : 8.11		
	zs (cm)		--			
	zb (cm)				--	
	zMI (cm)	B : 1.2 C : 1.1				
	zpii,a (cm)	B : 1.2 C : 1.1				
	fawf (MHz)	B : 5.3 C : 9	B : 5.25 C : 9.13	B : 5.25 C : 9.13		B : 5.25 C : 7.63
	Other Information	prf (Hz)	B : 689.9 C : 132.4			
srf (Hz)		B : 69 C : 12				
npps		B : 10 C : 11				
lpa,a@zpii,a (W/cm2)		B : 224.3 C : 361				
lspta,a@zpii,a (mW/cm2)		B : 307.2 C : 91.5				
lspta@zpii (mW/cm2)		B : 459.6 C : 200.8				
pr@zpii (Mpa)		B : 4.5 C : 3.9				
Operating control Conditions	Condition 1	MI				
	Condition 2		TIS	TIB		
	Condition 3					TIC

Condition 1 :	B : Breast preset ; Harmonic ; Optimization = Pen ; focal position 22 mm ; Acoustic Power 0 dB C : Breast preset ; Optimization = Res ; Boost = High Definition ; Color box position 22 mm ; scale 4 cm/s
Condition 2 :	B : Breast preset ; Harmonic ; Optimization = Pen ; focal position 52 mm ; Acoustic Power 0 C : Breast preset ; Optimization = Res ; Boost = High Definition ; Color box position 68 mm ; scale 18 cm/s
Condition 3 :	B : Breast preset ; Harmonic ; Optimization = Pen ; focal position 52 mm ; Acoustic Power 0 C : Breast preset ; Optimization = Gen ; Boost = High Definition ; Color box position 65 mm ; scale 21 cm/s

# LV16-5 SWE

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>		<b>1,8</b>	<b>0,67</b>		<b>1,27</b>		<b>0,65</b>
<b>Index Component Value</b>			B : 0.17 P : 0.39 F : 0.1	B : 0.17 P : 0.24 F : 0.03	B : 0.19 P : 0.41 F : 0.05	B : 0.17 P : 1.03 F : 0.03	
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	B : 3.7 P : 3.8 F : 3.5					
	W0 (mW)		B : 6.69 P : 18.42 F : 3.21		B : 6.69 P : 18.42 F : 3.21		B : 0.01 P : 0.02 F : 0
	W1x1 (mW)		B : 6.69 P : 18.42 F : 3.21		B : 6.69 P : 18.42 F : 3.21		
	zs (cm)			B : -- P : 1.698 F : 2.341			
	zb (cm)					B : -- P : 1.823 F : 2.341	
	zMI (cm)	B : 1.2 P : 1.1 F : 1					
	zpii,a (cm)	B : 1.2 P : 1.1 F : 1					
	fawf (MHz)	B : 5.3 P : 4.5 F : 7.4	B : 5.25 P : 4.5 F : 6.5		B : 5.25 P : 4.5 F : 6.5		B : 5.25 P : 4.5 F : 5.25
<b>Other Information</b>	prr (Hz)	B : 689.9 P : 1.3 F : 55					
	srr (Hz)	B : 69 P : 1.3 F : 1					
	npss	B : 10 P : 1 F : 42					
	lpa,a@zpii,a (W/cm2)	B : 224.3 P : 226.6 F : 414.7					
	lspta,a@zpii,a (mW/cm2)	B : 307.2 P : 230.7 F : 10.9					
	lspta@zpii (mW/cm2)	B : 459.6 P : 342.5 F : 18.4					
	pr@zpii (Mpa)	B : 4.5 P : 3.9 F : 4.5					
<b>Operating control Conditions</b>	Condition 1	MI					
	Condition 2		TIS		TIB		
	Condition 3						TIC

<b>Condition 1 :</b>	B : Breast preset ; Harmonic ; Optimization = Pen ; focal position 22 mm ; Acoustic Power 0 dB P + F : Breast preset ; Optimization = Res ; SWE box position 4 mm ; Acoustic Power 0 dB
<b>Condition 2 :</b>	B : Breast preset ; Harmonic ; Optimization = Pen ; focal position 52 mm ; Acoustic Power 0 dB P + F : Breast preset ; Optimization = Std ; SWE box position 30 mm ; Acoustic Power 0 dB
<b>Condition 3 :</b>	B : Breast preset ; Harmonic ; Optimization = Pen ; focal position 52 mm ; Acoustic Power 0 dB P + F : Breast preset ; Optimization = Pen ; SWE box position 30 mm ; Acoustic Power 0 dB

## LV16-5 PW DOPPLER

Index Label	MI	TIS		TIB		TIC
		At surface	Below surface	At surface	Below surface	
<b>Maximum Index Value</b>	<b>1,4</b>	<b>0,7</b>		<b>2,09</b>		<b>0,97</b>
<b>Index Component Value</b>		0,7	0,5	0,95	2,09	
<b>Associated Acoustic Parameters</b>	pr,a@zMI (Mpa)	3,2				
	W0 (mW)		28,66	28,14		0,03
	W1x1 (mW)		28,66	28,14		
	zs (cm)			1,108		
	zb (cm)				1,108	
	zMI (cm)	1				
	zpii,a (cm)	1				
	fawf (MHz)	5	5,125		5	5,125
<b>Other Information</b>	prf (Hz)	805				
	srf (Hz)	805				
	npps	1				
	lpa,a@zpii,a (W/cm2)	428,2				
	lspla,a@zpii,a (mW/cm2)	527,8				
	lspla@zpii (mW/cm2)	753,3				
	pr@zpii (Mpa)	3,7				
<b>Operating control Conditions</b>	Condition 1	MI				
	Condition 2		TIS			TIC
	Condition 3			TIB		

Condition 1 :	Breast preset ; Sample volume position 30 mm ; Sample volume size 2.5 mm ; Scale 6.2 cm/s
Condition 2 :	Breast preset ; Sample volume position 68 mm ; Sample volume size 1.5 mm ; Scale 80 cm/s
Condition 3 :	Breast preset ; Sample volume position 68 mm ; Sample volume size 2.0 mm ; Scale 53.5 cm/s





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