SUPERSONIC imagine™

SUPERSONIC® MACH™40
SUPERSONIC® MACH™30
SUPERSONIC® MACH™20

Acoustic Table Guide

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1 Acoustic Table Guide

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%.

Surface Probe Temperature	Measurement Uncertainty
T (°C)	+/- 1.7

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 %

Maximal Probe Surface 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	22.87°C	Still air
E12-3	5.45°C	Simulated use
LV16-5	18.45°C	Still air
L10-2	21.31°C	Still air
MC12-3	18.5°C	Still air
P5-1X	8.22°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
$I_{\mathrm{pa},\alpha}$	attenuated pulse-average intensity
I_{spta}	spatial-peak, temporal-average intensity
$I_{\mathrm{spta},\alpha}$	attenuated spatial-peak, temporal-average intensity
MI	mechanical index
n_{pps}	number of pulses per ultrasonic scan line
P	output power
$p_{1\mathrm{x}1}$	bounded-square output power

Symbol	Term
$p_{r,\alpha}$	attenuated peak-rarefactional acoustic pressure
p_r	peak-rarefactional acoustic pressure
prr	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 range systems comply with IEC 60601-2-37 and associated standards.

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	Standard Mode Symbols[a]	Transducers								
		L18-5	E12-3	LV16-5	L10-2	MC12-3	P5-1X	LH20-6	C6-1X	C9-2X
B-mode	B-mode	☒	☒	☒	☒	☒	☒	☒	☒	☒
PW	D-mode	☒	☒	☒	☒	☒	☒	☒	☒	☒
Color Doppler	B + rD mode	☒	☒	☒	☒	☒	☒	☒	☒	☒
SWE™ Mode	B + SWE mode	☒	☒	☒	☒	☒		☒	☒	☒
B-Mode + PW	B + D mode	☒	☒	☒	☒	☒	☒	☒	☒	☒
B-mode + Color + PW	B + rD + D mode			☒	☒	☒	☒	☒	☒	
CEUS	B + CEUS mode				☒					
M-mode	B + M-mode						☒		☒	☒
CW Mode	cwD mode						☒			
TriVu™	B + rD + SWE	☒			☒					
Biopsy	B + Needle PL.U.S.	☒			☒			☒		

[a]Recommended symbols for various modes of operation of medical diagnostic ultrasonic equipment following IEC 61157:2007+A1:2013 61157 Amend.1 Standard

The Power Doppler and Directional Power Doppler are identical in terms of Acoustic Power to the Color Doppler.

Harmonic imaging is included in the B-mode.

The 3D view for the LV16-5 is included in each mode.

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.

L18-5

L18-5 B-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	0,7		0,7		0,7
Index Component Value				0,7	0,7	0,7	0,7	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,1					
	p	(mW)		25,0		25,0		25,0
	P_{1x1}	(mW)		25,0		25,0		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	0,5					
	$z_{pii,\alpha}$	(cm)	0,5					
	f_{awf}	(MHz)	6,1	5,6		5,6		5,6
Other Information	p_{rr}	(Hz)	100,0					
	s_{rr}	(Hz)	16,7					
	npps		6					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	630,2					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	16,3					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	20,1					
	p_r at z_{pii}	(MPa)	4,4					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	MSK ElbowReg OFF THI RES small 15.1 1620 4							
Control 2	MSK ElbowReg ON THI RES small 70.1 1620 68							
Control 3								
Control 4								

Control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)

L18-5 PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,1	0,9		2,2		1,3
Index Component Value				0,9	0,7	1,3	2,2	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,4					
	P	(mW)		35,5		35,5		35,5
	P_{1x1}	(mW)		35,5		35,5		
	z_s	(cm)			1,10			
	z_b	(cm)					1,40	
	z_{MI}	(cm)	1,5					
	$z_{pii,\alpha}$	(cm)	1,5					
	f_{awf}	(MHz)	5,0	5,0		5,0		5,0
Other Information	p_{rr}	(Hz)	774,9					
	s_{rr}	(Hz)	12,1					
	npps		64					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	260,0					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	350,9					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	580,4					
	p_r at z_{pii}	(MPa)	3,0					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Breast Breast 2.5 25 6.2							
Control 2	Breast Breast 2.5 35 15.4							
Control 3								
Control 4								

Control legend: Application, Preset, SV Size(mm),SV Depth (mm), Scale (cm/s)

L18-5 COLOR DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	5,4		5,4		3,2
Index Component Value				5,4	1,7	5,4	1,2	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,1					
	P	(mW)		177,7		177,7		225,8
	P_{1x1}	(mW)		177,7		177,7		
	z_1	(cm)			0,00			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	0,5					
	$z_{pii,\alpha}$	(cm)	0,5					
	f_{awf}	(MHz)	6,1	6,4		6,4		4,9
Other Information	p_{rr}	(Hz)	390,0					
	s_{rr}	(Hz)	10,0					
	npps		39					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	630,2					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	31,0					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	133,4					
	p_r at z_{pii}	(MPa)	4,4					
Operation control conditions	Control 1		x					
	Control 2			x		x		
	Control 3							x
	Control 4							
Control 1	MSK ElbowReg OFF THI RES small 15.1 1620 4							
	MSK ElbowReg 7 RES HD 2 20.6 0.5 10 8.964							
Control 2	Vascular Carotid OFF THI PEN small 70.1 1660 68							
	Vascular Carotid 7 RES HD 10 20.6 0.5 10 9.1853							
Control 3	Vascular Carotid OFF THI PEN small 70.1 1660 68							
	Vascular Carotid 30 GEN HD 31 20.6 21.5 10 9.1306							
Control 4	Vascular Carotid OFF THI PEN small 70.1 1660 68							
	Vascular Carotid 30 GEN HD 31 20.6 21.5 10 9.1306							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ

L18-5 SWE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	2,2		2,2		1,4
Index Component Value				2,2	0,8	2,2	1,8	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,7					
	p	(mW)		74,9		74,9		81,5
	P_{1x1}	(mW)		74,9		74,9		
	z_s	(cm)			0,00			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	1,3					
	$z_{pii,\alpha}$	(cm)	1,3					
	f_{awf}	(MHz)	4,5	6,4		6,4		4,9
Other Information	p_{rr}	(Hz)	729,1					
	s_{rr}	(Hz)	1,8					
	npps		401					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	346,5					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	517,9					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	1605,0					
	p_r at z_{pii}	(MPa)	4,6					
Operation control conditions	Control 1		x					
	Control 2			x		x		
	Control 3							x
	Control 4							
Control 1	Breast Breast1 OFF THI PEN small 20.1 1600 14							
	Breast Breast1 RES 20.6 0.046667 10 20.0533							
Control 2	Breast Breast2 OFF THI PEN medium 30.1 1600 14							
	Breast Breast2 STD 13.2 4.9552 24.8 9.9552							
Control 3	Breast Breast2 OFF THI PEN medium 30.1 1600 14							
	Breast Breast2 PEN 13.2 4.9206 24.8 9.9206							
Control 4	Breast Breast2 OFF THI PEN medium 30.1 1600 14							
	Breast Breast2 PEN 13.2 4.9206 24.8 9.9206							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
SWE control legend: Application, Preset, SWE Optimization, box position (mm): X, Z (depth), box size (mm): DX, DZ

L18-5 TRIVU

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	4,9		4,9		2,2
Index Component Value				4,9	1,4	4,9	1,7	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,7					
	p	(mW)		145,5		145,4		150,0
	P_{1x1}	(mW)		145,5		145,4		
	z_s	(cm)			0,00			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	1,3					
	$z_{pii,\alpha}$	(cm)	1,3					
	f_{awf}	(MHz)	4,5	7,4		10,1		7,4
Other Information	p_{rr}	(Hz)	2007,8					
	s_{rr}	(Hz)	0,8					
	npps		2399					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	346,5					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	281,3					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	1420,1					
	p_r at z_{pii}	(MPa)	4,6					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Breast Breast OFF THI PEN small 20.1 1600 14							
	Breast Breast RES 20.6 0.046667 10 20.0533							
	Breast Breast 2 20.6 0.046667 10 20.0533							
Control 2	Thyroid Thyroid OFF THI PEN medium 25.1 1660 14							
	Thyroid Thyroid STD 10.7 5 29.8 10.0703							
	Thyroid Thyroid 4 10.7 5 29.8 10.0703							
Control 3	Thyroid Thyroid OFF THI PEN medium 25.1 1660 14							
	Thyroid Thyroid PEN 10.7 4.9606 29.8 9.9606							
	Thyroid Thyroid 4 10.7 4.9606 29.8 9.9606							
Control 4	Thyroid Thyroid OFF THI PEN medium 25.1 1660 14							
	Thyroid Thyroid PEN 10.7 4.9606 29.8 9.9606							
	Thyroid Thyroid 4 10.7 4.9606 29.8 9.9606							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
SWE control legend: Application, Preset, SWE Optimization, box position (mm): X, Z (depth), box size (mm): DX, DZ
Plane wave control legend: Application, Preset, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ

L18-5 B-MODE + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,4	0,7		1,5		1,1
Index Component Value				0,7	0,5	0,5	1,5	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,2					
	P	(mW)		25,3		18,3		18,3
	P_{1x1}	(mW)		25,3		18,3		
	z_s	(cm)			0,00			
	z_b	(cm)					0,20	
	z_{MI}	(cm)	1,6					
	$z_{pii,\alpha}$	(cm)	1,6					
	f_{awf}	(MHz)	6,1	7,2		7,0		7,0
Other Information	p_{rr}	(Hz)	1324,5					
	s_{rr}	(Hz)	6,6					
	npps		200					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	269,3					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	16,8					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	96,2					
	p_r at z_{pii}	(MPa)	4,2					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		x
	Control 4							
Control 1	MSK ElbowStd OFF FUND PEN small 55.1 1620 4 7 14 22							
	MSK ElbowStd 0.5 2 10.3							
Control 2	MSK ElbowStd OFF FUND GEN small 70.1 1620 4 7 14 22							
	MSK ElbowStd 20 47 15.4							
Control 3	MSK ElbowStd OFF FUND GEN small 70.1 1620 4 7 14 22							
	MSK ElbowStd 2.5 9 15.4							
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
D Control legend: Application, Preset, SV Depth (mm), SV Size(mm), Scale (cm/s)

L18-5 B-MODE + COLOR DOPPLER + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			0,7	0,1		0,1		0,1
Index Component Value				0,1	0,1	0,1	0,1	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	1,5					
	P	(mW)		0,9		0,2		0,9
	P_{1x1}	(mW)		0,9		0,2		
	z_s	(cm)			0,00			
	z_b	(cm)					0,10	
	z_{MI}	(cm)	1,2					
	$z_{pii,\alpha}$	(cm)	1,2					
	f_{awf}	(MHz)	5,1	9,5		10,3		9,5
Other Information	p_{rr}	(Hz)	620,9					
	s_{rr}	(Hz)	1,5					
	npps		404					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	85,8					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	6,5					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	17,6					
	p_r at z_{pii}	(MPa)	1,8					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Vascular LowExtArterial OFF FUND PEN small 55.1 1660 4							
	Vascular LowExtArterial 14 PEN HD 6 17 0 17 15.1069							
	Vascular LowExtArterial 0.5 2 6.2							
Control 2	Vascular LowExtArterial OFF FUND PEN small 70.1 1660 4							
	Vascular LowExtArterial 14 GEN MED 41 17 0 17 15.1069							
	Vascular LowExtArterial 0.5 2 53.5							
Control 3	Vascular LowExtArterial OFF FUND PEN small 70.1 1660 4							
	Vascular LowExtArterial 14 PEN MED 25 17 0 17 15.1069							
	Vascular LowExtArterial 0.5 2 53.5							
Control 4	Vascular LowExtArterial OFF FUND PEN small 70.1 1660 4							
	Vascular LowExtArterial 14 PEN MED 25 17 0 17 15.1069							
	Vascular LowExtArterial 0.5 2 53.5							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ
D Control legend: Application, Preset, SV Depth (mm), SV Size(mm), Scale (cm/s)

L18-5 NEEDLE PL.U.S.

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	0,7		0,7		0,7
Index Component Value				0,7	0,7	0,7	0,7	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,1					
	p	(mW)		25,2		25,2		25,2
	P_{1x1}	(mW)		25,2		25,2		
	z_s	(cm)			0,00			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	0,5					
	$z_{pii,\alpha}$	(cm)	0,5					
	f_{awf}	(MHz)	6,1	7,4		7,4		7,4
Other Information	p_{rr}	(Hz)	1200,0					
	s_{rr}	(Hz)	16,7					
	npps		72					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	630,2					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	16,3					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	56,8					
	p_r at z_{pii}	(MPa)	4,4					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	MSK ElbowReg OFF THI RES small 15.1 1620 4							
Control 2	MSK ElbowReg ON THI RES small 75.1 1620 68							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)

L10-2

L10-2 B-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	0,5		0,8		0,8
Index Component Value				0,5	0,5	0,8	0,5	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,0					
	P	(mW)		23,5		23,5		23,5
	P_{1x1}	(mW)		23,5		23,5		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	1,9					
	$z_{pii,\alpha}$	(cm)	1,9					
	f_{awf}	(MHz)	5,0	3,9		3,9		3,9
Other Information	p_{rr}	(Hz)	50,0					
	s_{rr}	(Hz)	25,0					
	npps		2					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	587,7					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	22,6					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	43,7					
	p_r at z_{pii}	(MPa)	5,3					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Abdominal AbdomenReg OFF FUND PEN small 25.1 1660 22							
Control 2	General General ON THI PEN small 90.1 1660 88							
Control 3								
Control 4								

Control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)

L10-2 PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	1,1		2,8		3,2
Index Component Value				1,1	0,8	2,0	2,8	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,4					
	P	(mW)		56,9		42,2		51,7
	P_{1x1}	(mW)		56,9		42,2		
	z_s	(cm)			1,10			
	z_b	(cm)					1,50	
	z_{MI}	(cm)	1,5					
	$z_{pii,\alpha}$	(cm)	1,5					
	f_{awf}	(MHz)	3,9	3,9		3,9		3,9
Other Information	p_{rr}	(Hz)	581,2					
	s_{rr}	(Hz)	9,1					
	npps		64					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	494,9					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	371,9					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	616,3					
	p_r at z_{pii}	(MPa)	4,2					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Breast Breast 1.5 17 6.2							
Control 2	Abdominal AbdomenReg 0.5 35 30.8							
Control 3	Abdominal AbdomenReg 1.5 17 20.5							
Control 4	Breast Breast 1.5 9 290							
Control legend: Application, Preset, SV Size(mm), SV Depth (mm), Scale (cm/s)								

L10-2 CEUS

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			0.4*	0,1		0,1		0,1
Index Component Value				0,1	0,1	0,1	0,1	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	0,9					
	P	(mW)		0,3		0,3		0,3
	P_{1x1}	(mW)		0,3		0,3		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	2,8					
	$z_{p\bar{i}i,\alpha}$	(cm)	2,8					
	f_{awf}	(MHz)	5,6	5,0		5,0		5,0
Other Information	p_{rr}	(Hz)	104,0					
	s_{rr}	(Hz)	13,0					
	npps		8					
	$I_{pa,\alpha}$ at $z_{p\bar{i}i,\alpha}$	(W/cm^2)	19,7					
	$I_{spta,\alpha}$ at $z_{p\bar{i}i,\alpha}$ or at $z_{s\bar{i}i,\alpha}$	(mW/cm^2)	1,7					
	I_{spta} at $z_{p\bar{i}i}$ or at $z_{s\bar{i}i}$	(mW/cm^2)	13,1					
	p_r at $z_{p\bar{i}i}$	(MPa)	1,4					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Abdominal IntestineReg OFF FUND RES small 25.1 1660 30							
	Abdominal IntestineReg RES							
Control 2	Abdominal IntestineReg OFF FUND RES small 70.1 1660 88							
	Abdominal IntestineReg RES							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
CEUS Control legend: Application, Preset, CEUS Optimization

***WARNING: a MI of 1.7 will be reached transiently when manually activating FLASH sequence**

L10-2 COLOR DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	4,7		4,4		1,2
Index Component Value				4,7	2,3	4,4	2,7	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,0					
	P	(mW)		205,2		191,9		57,8
	P_{1x1}	(mW)		205,0		191,8		
	z_s	(cm)			0,00			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	1,9					
	$z_{pii,\alpha}$	(cm)	1,9					
	f_{awf}	(MHz)	5,0	5,9		4,9		4,9
Other Information	p_{rr}	(Hz)	177,5					
	s_{rr}	(Hz)	7,4					
	npps		24					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	587,7					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	27,0					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	80,6					
	p_r at z_{pii}	(MPa)	5,3					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Abdominal AbdomenReg OFF FUND PEN small 25.1 1660 22							
	Abdominal AbdomenReg 7 RES HD 2 13.8 0.5 10 11.7867							
Control 2*	Abdominal IntestineReg ON FUND GEN large 105.1 1660 88							
	Abdominal IntestineReg 88 GEN HD 14 13.8 95.1 10 9							
Control 3	Vascular LowExtVenous OFF THI PEN small 105.1 1660 88							
	Vascular LowExtVenous 88 RES MED 51 13.8 95.1 10 9.1306							
Control 4	Vascular LowExtVenous OFF THI PEN small 105.1 1660 88							
	Vascular LowExtVenous 88 RES MED 51 13.8 95.1 10 9.1306							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ
* In AngioPlus

L10-2 SWE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	1,8		2,3		1,6
Index Component Value				1,8	0,9	1,3	2,3	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,4					
	P	(mW)		78,5		68,0		85,9
	P_{1x1}	(mW)		78,7		68,0		
	z_s	(cm)			0,00			
	z_b	(cm)					1,10	
	z_{MI}	(cm)	2,2					
	$z_{p\bar{i}i,\alpha}$	(cm)	2,2					
	f_{awf}	(MHz)	3,8	4,9		4,6		4,6
Other Information	p_{rr}	(Hz)	485,9					
	s_{rr}	(Hz)	1,2					
	npps		413					
	$I_{pa,\alpha}$ at $z_{p\bar{i}i,\alpha}$	(W/cm^2)	270,3					
	$I_{spta,\alpha}$ at $z_{p\bar{i}i,\alpha}$ or at $z_{s\bar{i}i,\alpha}$	(mW/cm^2)	294,3					
	I_{spta} at $z_{p\bar{i}i}$ or at $z_{s\bar{i}i}$	(mW/cm^2)	1083,3					
	p_r at $z_{p\bar{i}i}$	(MPa)	4,5					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Abdominal AbdomenReg OFF THI RES small 25.1 1660 22							
	Abdominal AbdomenReg RES 14 14.9606 10 9.9606							
Control 2	MSK Muscle OFF THI PEN small 25.1 1660 22							
	MSK Muscle RES 14 14.9606 10 9.9606							
Control 3	MSK Muscle OFF THI PEN small 25.1 1660 22							
	MSK Muscle PEN 14 14.9602 10 9.9602							
Control 4	MSK Muscle OFF THI PEN small 25.1 1660 22							
	MSK Muscle PEN 14 14.9602 10 9.9602							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
SWE control legend: Application, Preset, SWE Optimization, box position (mm): X, Z (depth), box size (mm): DX, DZ

L10-2 TRIVU

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	3,4		3,1		2,3
Index Component Value				3,4	1,5	3,1	1,7	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,2					
	p	(mW)		131,4		118,9		135,9
	P_{1x1}	(mW)		131,4		118,9		
	z_s	(cm)			0,00			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	2,2					
	$z_{pii,\alpha}$	(cm)	2,2					
	f_{awf}	(MHz)	3,8	6,5		6,5		6,5
Other Information	p_{rr}	(Hz)	1987,0					
	s_{rr}	(Hz)	1,0					
	npps		1987					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	227,8					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	341,6					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	1871,8					
	p_r at z_{pii}	(MPa)	4,2					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Breast Breast OFF FUND PEN small 25.1 1600 22							
	Breast Breast PEN 14 15 10 10.0002							
	Breast Breast 2 14 15 10 10.0002							
Control 2	Thyroid Thyroid OFF FUND PEN large 30.1 1660 30							
	Thyroid Thyroid RES 2 20.0803 34 9.9606							
	Thyroid Thyroid 2 2 20.0803 34 9.9606							
Control 3	Thyroid Thyroid OFF FUND PEN medium 30.1 1660 30							
	Thyroid Thyroid RES 6.4 20.0803 25.6 9.9606							
	Thyroid Thyroid 2 6.4 20.0803 25.6 9.9606							
Control 4	Thyroid Thyroid OFF FUND PEN medium 30.1 1660 30							
	Thyroid Thyroid RES 6.4 20.0803 25.6 9.9606							
	Thyroid Thyroid 2 6.4 20.0803 25.6 9.9606							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
SWE control legend: Application, Preset, SWE Optimization, box position (mm): X, Z (depth), box size (mm): DX, DZ
Plane wave control legend: Application, Preset, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ

L10-2 B-MODE + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	1,6		3,7		2,7
Index Component Value				1,6	1,2	1,6	3,7	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,0					
	P	(mW)		86,5		97,6		94,5
	P_{1x1}	(mW)		83,3		84,4		
	z_s	(cm)			0,00			
	z_b	(cm)					0,90	
	z_{MI}	(cm)	0,7					
	$z_{pii,\alpha}$	(cm)	0,7					
	f_{awf}	(MHz)	5,9	5,3		4,9		4,7
Other Information	p_{rr}	(Hz)	569,0					
	s_{rr}	(Hz)	2,9					
	npps		195					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	418,1					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	9,3					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	15,1					
	p_r at z_{pii}	(MPa)	4,4					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Abdominal Abdomenreg OFF FUND PEN small 30.1 1660 7							
	Abdominal Abdomenreg 0.5 2 6.2							
Control 2	Abdominal Abdomenreg OFF FUND GEN small 90.1 1660 7 14 22 30							
	Abdominal Abdomenreg 1.5 83 53.5							
Control 3	Thyroid Thyroid OFF FUND PEN small 90.1 1660 7 14 22 30							
	Thyroid Thyroid 1.5 83 53.5							
Control 4	Thyroid Thyroid OFF FUND PEN small 90.1 1660 7 14 22 30							
	Thyroid Thyroid 1.5 83 53.5							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
D Control legend: Application, Preset, SV Size(mm),SV Depth (mm), Scale (cm/s)

L10-2 B-MODE + COLOR DOPPLER + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	0,3		0,6		1,0
Index Component Value				0,3	0,3	0,4	0,6	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,0					
	P	(mW)		14,9		19,1		11,5
	P_{1x1}	(mW)		14,9		19,1		
	z_s	(cm)			0,00			
	z_b	(cm)					0,50	
	z_{MI}	(cm)	0,7					
	$z_{pii,\alpha}$	(cm)	0,7					
	f_{awf}	(MHz)	4,9	6,3		5,1		5,0
Other Information	p_{rr}	(Hz)	454,8					
	s_{rr}	(Hz)	1,1					
	npps		414					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	569,1					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	17,5					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	38,9					
	p_r at z_{pii}	(MPa)	4,3					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Vascular Carotid OFF FUND PEN small 35.1 1660 7							
	Vascular Carotid 14 RES HD 6 12.8 0.5 12 15.1069							
	Vascular Carotid 0.5 2 6.2							
Control 2	Vascular Carotid OFF FUND GEN small 70.1 1660 7							
	Vascular Carotid 14 GEN HD 0 12.8 0.5 12 15.1069							
	Vascular Carotid 0.5 2 130							
Control 3	Vascular Carotid OFF FUND PEN small 70.1 1660 7							
	Vascular Carotid 14 GEN HD 41 12.8 0.5 12 15.1069							
	Vascular Carotid 0.5 2 93							
Control 4	Vascular Carotid OFF FUND PEN small 70.1 1660 7							
	Vascular Carotid 14 GEN HD 41 12.8 0.5 12 15.1069							
	Vascular Carotid 0.5 2 93							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): Z,X(depth), box size (mm): DX, DZ
D Control legend: Application, Preset, SV Size(mm), SV Depth (mm), Scale (cm/s)

L10-2 NEEDLE PL.U.S.

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	0,9		0,9		0,8
Index Component Value				0,9	0,6	0,9	0,8	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,0					
	P	(mW)		37,5		37,5		37,5
	P_{1x1}	(mW)		37,5		37,5		
	z_s	(cm)			0,00			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	1,9					
	$z_{pii,\alpha}$	(cm)	1,9					
	f_{awf}	(MHz)	5,0	4,9		4,9		4,9
Other Information	p_{rr}	(Hz)	1150,0					
	s_{rr}	(Hz)	25,0					
	npps		46					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	587,7					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	66,3					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	152,5					
	p_r at z_{pii}	(MPa)	5,3					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Abdominal Abdominal OFF FUND PEN small 25.1 1660 22							
Control 2	Vascular LowExtArterial OFF FUND PEN small 115.1 1660 40 52							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)

MC12-3

MC12-3 B-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,2	0,2		0,2		0,2
Index Component Value				0,2	0,2	0,2	0,2	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,9					
	P	(mW)		5,4		5,4		6,5
	P_{1x1}	(mW)		5,4		5,4		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	1,0					
	$z_{pii,\alpha}$	(cm)	1,0					
	f_{awf}	(MHz)	5,5	5,1		5,1		4,8
Other Information	p_{rr}	(Hz)	99,3					
	s_{rr}	(Hz)	11,0					
	npps		9					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	167,6					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	31,3					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	46,8					
	p_r at z_{pii}	(MPa)	3,2					
Operation control conditions	Control 1		x					
	Control 2			x		x		
	Control 3							x
	Control 4							
Control 1	Pediatric Abdomen OFF FUND PEN small 25.1 1660 7 14 22							
Control 2	Pediatric Abdomen ON FUND PEN small 90.1 1660 30 40 60 88							
Control 3	Pediatric Abdomen OFF FUND PEN small 90.1 1660 60 88							
Control 4								

Control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)

MC12-3 PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,2	0,9		1,9		1,3
Index Component Value				0,9	0,7	1,3	1,9	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,6					
	P	(mW)		39,0		38,7		39,4
	P_{1x1}	(mW)		39,0		38,7		
	z_s	(cm)			1,20			
	z_b	(cm)					2,20	
	z_{MI}	(cm)	0,4					
	$z_{pii,\alpha}$	(cm)	0,4					
	f_{awf}	(MHz)	4,4	4,8		4,5		4,5
Other Information	p_{rr}	(Hz)	672,3					
	s_{rr}	(Hz)	10,5					
	npps		64					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	142,3					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	143,2					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	102,9					
	p_r at z_{pii}	(MPa)	2,0					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Pediatric Abdomen 0.5 17 6.2							
Control 2	Pediatric Abdomen 0.5 55 64.8							
Control 3	Pediatric Abdomen 2.5 35 20.5							
Control 4	Pediatric Abdomen 2 55 30.8							
Control legend: Application, Preset, SV Size(mm), SV Depth (mm), Scale (cm/s)								

MC12-3 COLOR DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,6	0,3		0,3		0,5
Index Component Value				0,3	0,3	0,3	0,3	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,7					
	P	(mW)		10,3		10,3		10,3
	P_{1x1}	(mW)		10,3		10,3		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	1,0					
	$z_{pii,\alpha}$	(cm)	1,0					
	f_{awf}	(MHz)	6,0	5,4		5,4		5,4
Other Information	p_{rr}	(Hz)	275,9					
	s_{rr}	(Hz)	7,7					
	npps		36					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	335,0					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	74,9					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	224,9					
	p_r at z_{pii}	(MPa)	4,6					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	General General OFF FUND PEN small 15 1660 7							
	General General 14 RES MED 2 12.6395 0.5 3 13.8339							
Control 2	Pediatric Abdomen OFF FUND PEN small 20.1 1660 7							
	Pediatric Abdomen 14 PEN HD 6 12.6395 0.5 3 18.9986							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization , Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ

MC12-3 SWE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,3	0,3		0,3		0,2
Index Component Value				0,3	0,2	0,2	0,3	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,0					
	p	(mW)		10,9		7,2		8,8
	P_{1x1}	(mW)		10,9		7,2		
	z_s	(cm)			0,00			
	z_b	(cm)					1,30	
	z_{MI}	(cm)	1,0					
	$z_{pii,\alpha}$	(cm)	1,0					
	f_{awf}	(MHz)	5,6	5,3		5,3		5,3
Other Information	p_{rr}	(Hz)	389,0					
	s_{rr}	(Hz)	1,0					
	npps		389					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	182,8					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	72,5					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	267,4					
	p_r at z_{pii}	(MPa)	3,5					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	General Phantom OFF FUND PEN small 15 1660 14							
	General Phantom RES 11.7721 9.8353 5.0558 5.1647							
Control 2	General Phantom OFF FUND PEN small 35 1660 30							
	General Phantom RES 9.5168 29.8353 9.5168 5.1647							
Control 3	General Phantom OFF FUND PEN small 35 1660 30							
	General Phantom RES 9.5168 15 9.5168 15.1251							
Control 4	General Phantom OFF FUND PEN small 35 1660 30							
	General Phantom RES 9.5168 15 9.5168 15.1251							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
SWE control legend: Application, Preset, SWE Optimization, box position (mm): X, Z (depth), box size (mm): DX, DZ

MC12-3 B-MODE + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,3	0,3		0,3		0,2
Index Component Value				0,3	0,2	0,2	0,3	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,0					
	p	(mW)		10,9		7,2		8,8
	p_{1x1}	(mW)		10,9		7,2		
	z_s	(cm)			0,00			
	z_b	(cm)					1,30	
	z_{MI}	(cm)	1,0					
	$z_{pii,\alpha}$	(cm)	1,0					
	f_{awf}	(MHz)	5,6	5,3		5,3		5,3
Other Information	p_{rr}	(Hz)	389,0					
	s_{rr}	(Hz)	1,0					
	npps		389					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	182,8					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	72,5					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	267,4					
	p_r at z_{pii}	(MPa)	3,5					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	General Phantom OFF FUND PEN small 15 1660 14							
	General Phantom RES 11.7721 9.8353 5.0558 5.1647							
Control 2	General Phantom OFF FUND PEN small 35 1660 30							
	General Phantom RES 9.5168 29.8353 9.5168 5.1647							
Control 3	General Phantom OFF FUND PEN small 35 1660 30							
	General Phantom RES 9.5168 15 9.5168 15.1251							
Control 4	General Phantom OFF FUND PEN small 35 1660 30							
	General Phantom RES 9.5168 15 9.5168 15.1251							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
SWE control legend: Application, Preset, SWE Optimization, box position (mm): X, Z (depth), box size (mm): DX, DZ

MC12-3 B-MODE + COLOR DOPPLER + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,4	0,2		0,1		0,5
Index Component Value				0,2	0,2	0,1	0,1	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,2					
	P	(mW)		5,5		1,6		5,5
	P_{1x1}	(mW)		5,5		1,6		
	z_s	(cm)			0,00			
	z_b	(cm)					0,20	
	z_{MI}	(cm)	1,0					
	$z_{pii,\alpha}$	(cm)	1,0					
	f_{awf}	(MHz)	5,8	5,6		6,5		6,0
Other Information	p_{rr}	(Hz)	572,7					
	s_{rr}	(Hz)	2,1					
	npps		276					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	195,9					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	24,7					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	35,8					
	p_r at z_{pii}	(MPa)	2,9					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Pediatric AbdomenPediatric OFF FUND PEN small 35.1 1660 7							
	Pediatric AbdomenPediatric 30 RES HD 4 11.0038 0.5 6.4 34.4925							
	Pediatric AbdomenPediatric 0.5 2 6.2							
Control 2	Pediatric AbdomenPediatric OFF FUND PEN small 90.1 1660 7							
	Pediatric AbdomenPediatric 30 PEN MED 72 11.0038 0.5 6.4 40.395							
	Pediatric AbdomenPediatric 0.5 2 130							
Control 3	Pediatric AbdomenPediatric OFF FUND PEN small 90.1 1660 7							
	Pediatric AbdomenPediatric 30 RES MED 72 11.0038 0.5 6.4 40.395							
	Pediatric AbdomenPediatric 0.5 2 130							
Control 4	Pediatric AbdomenPediatric OFF FUND PEN small 90.1 1660 7							
	Pediatric AbdomenPediatric 30 RES MED 72 11.0038 0.5 6.4 40.395							
	Pediatric AbdomenPediatric 0.5 2 130							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ
D Control legend: Application, Preset, SV Depth (mm), SV Size(mm), Scale (cm/s)

P5-1X

P5-1X B-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	0,7		1,3		1,3
Index Component Value				0,7	0,7	1,3	0,7	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,9					
	P	(mW)		94,3		94,3		94,4
	P_{1x1}	(mW)		80,5		80,5		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	3,2					
	$z_{pii,\alpha}$	(cm)	3,2					
	f_{awf}	(MHz)	3,0	1,7		1,7		1,7
Other Information	p_{rr}	(Hz)	47,0					
	s_{rr}	(Hz)	47,0					
	npps		1					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	277,3					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	13,8					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	101,4					
	p_r at z_{pii}	(MPa)	3,9					
Operation control conditions	Control 1		x					
	Control 2			x		x		
	Control 3							x
	Control 4							
Control 1	Cardiac Cardiac OFF FUND RES small 75 1660 30							
Control 2	General General OFF THI GEN small 100.2 1660 100							
Control 3	General General OFF THI GEN small 140.2 1660 140							
Control 4								

Control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)

P5-1X PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,4	1,6		4,7		3,0
Index Component Value				1,6	1,3	2,5	4,7	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	1,9					
	P	(mW)		210,0		180,1		219,8
	P_{1x1}	(mW)		171,9		144,6		
	z_s	(cm)			3,20			
	z_b	(cm)					4,60	
	z_{MI}	(cm)	4,3					
	$z_{pii,\alpha}$	(cm)	4,3					
	f_{awf}	(MHz)	1,9	1,9		1,9		1,9
Other Information	p_{rr}	(Hz)	1265,0					
	s_{rr}	(Hz)	13,2					
	npps		96					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	170,0					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	444,1					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	769,9					
	p_r at z_{pii}	(MPa)	2,4					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Cardiac Cardiac 0.5 35 28							
Control 2	Cardiac Cardiac 4 95 60							
Control 3	Cardiac Cardiac 3 55 170							
Control 4	Cardiac Cardiac 4 155 60							
Control legend: Application, Preset, SV Size(mm), SV Depth (mm), Scale (cm/s)								

P5-1X CW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			0,1	1,2		3,3		3,7
Index Component Value				0,1	1,2	3,3	2,9	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	0,1					
	P	(mW)		16,7		14,9		16,9
	P_{1x1}	(mW)		2,2		2,7		
	z_s	(cm)			1,78			
	z_b	(cm)					1,78	
	z_{MI}	(cm)	1,8					
	$z_{pii,\alpha}$	(cm)	1,8					
	f_{awf}	(MHz)	1,9	1,9		1,9		1,9
Other Information	p_{rr}	(Hz)	9036,0					
	s_{rr}	(Hz)	9036,0					
	npps		1					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	0,1					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	445,1					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	567,3					
	p_r at z_{pii}	(MPa)	0,1					
Operation control conditions	Control 1		x					
	Control 2			x				x
	Control 3					x		
	Control 4							
Control 1	Cardiac Cardiac 100 150							
Control 2	Cardiac Cardiac 32 475							
Control 3	Cardiac Cardiac 45 475							
Control 4								
Control legend: Application, Preset, SV Depth (mm), Scale (cm/s)								

P5-1X COLOR DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,3	3,1		3,6		4,8
Index Component Value				3,1	3,1	0,1	3,6	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	0,8					
	P	(mW)		160,6		354,6		355,1
	P_{1x1}	(mW)		142,2		308,6		
	z_s	(cm)			0,00			
	z_b	(cm)					2,30	
	z_{MI}	(cm)	5,1					
	$z_{pii,\alpha}$	(cm)	5,1					
	f_{awf}	(MHz)	1,8	3,4		3,1		3,2
Other Information	p_{rr}	(Hz)	330,0					
	s_{rr}	(Hz)	30,0					
	npps		11					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	148,5					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	44,1					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	785,6					
	p_r at z_{pii}	(MPa)	2,4					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Cardiac Cardiac OFF THI GEN small 75 1660 60							
	Cardiac Cardiac 60 RES HD 20 0.6015 2 0.3672 73							
Control 2	General General OFF FUND GEN small 155.2 1660 140							
	General General 140 GEN HD 65 0.53132 85.2 0.50767 70							
Control 3	General General OFF FUND GEN large 80.2 1660 60							
	General General 60 RES HD 44 0.33508 10.2 0.90063 70							
Control 4	General General OFF FUND GEN large 80.2 1660 60							
	General General 60 RES HD 44 0.33508 10.2 0.90063 70							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ

P5-1X B-MODE + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,4	1,0		3,5		1,8
Index Component Value				1,0	0,9	1,0	3,5	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,4					
	P	(mW)		149,4		149,4		149,4
	P_{1x1}	(mW)		117,2		117,2		
	z_s	(cm)			0,00			
	z_b	(cm)					2,10	
	z_{MI}	(cm)	3,0					
	$z_{pii,\alpha}$	(cm)	3,0					
	f_{awf}	(MHz)	3,4	3,4		3,4		3,4
Other Information	p_{rr}	(Hz)	587,3					
	s_{rr}	(Hz)	9,0					
	npps		65					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	205,5					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	36,4					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	94,7					
	p_r at z_{pii}	(MPa)	3,4					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	General General OFF FUND GEN small 80.2 1660 30							
	General General 0.5 35 12.8							
Control 2	General General OFF FUND GEN small 80.2 1660 30							
	General General 4 35 110							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
D Control legend: Application, Preset, SV Depth (mm), SV Size(mm), Scale (cm/s)

P5-1X B-MODE + COLOR DOPPLER + PW DOPPLER

Index Label		MI	TIS		TIB		TIC
			At surface	Below surface	At surface	Below surface	
Maximum Index Value		1,4	0,6		2,0		1,1
Index Component Value			0,6	0,6	0,6	2,0	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI} (Mpa)	2,4					
	P (mW)		86,1		86,1		86,1
	P_{1x1} (mW)		68,2		68,2		
	z_s (cm)			0,00			
	z_b (cm)					1,40	
	z_{MI} (cm)	3,0					
	$z_{pii,\alpha}$ (cm)	3,0					
	f_{awf} (MHz)	3,4	3,4		3,4		3,4
Other Information	p_{rr} (Hz)	417,7					
	s_{rr} (Hz)	2,7					
	npps	156					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$ (W/cm^2)	205,5					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$ (mW/cm^2)	56,9					
	I_{spta} at z_{pii} or at z_{sii} (mW/cm^2)	189,3					
	p_r at z_{pii} (MPa)	3,4					
Operation control conditions	Control 1	x					
	Control 2		x		x		x
	Control 3						
	Control 4						
Control 1	General General OFF FUND GEN small 80.2 1660 30						
	General General 60 RES HD 8 0.41887 2 0.6283 70						
	General General 0.5 35 12.8						
Control 2	General General OFF FUND GEN small 80.2 1660 30						
	General General 60 GEN MED 108 0.41887 2 0.6283 70						
	General General 0.5 35 310						
Control 3							
Control 4							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ
D Control legend: Application, Preset, SV Depth (mm), SV Size(mm), Scale (cm/s)

P5-1X M-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	0,9		0,9		1,5
Index Component Value				0,9	0,9	0,9	0,9	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,5					
	P	(mW)		161,3		161,3		161,3
	P_{1x1}	(mW)		140,9		140,9		
	z_s	(cm)			0,00			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	3,2					
	$z_{pii,\alpha}$	(cm)	3,2					
	f_{awf}	(MHz)	2,1	1,9		1,9		1,9
Other Information	p_{rr}	(Hz)	1127,8					
	s_{rr}	(Hz)	66,3					
	npps		17					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	168,6					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	134,4					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	1810,8					
	p_r at z_{pii}	(MPa)	3,2					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Cardiac Cardiac OFF FUND PEN small 75 1660 30							
	Cardiac Cardiac 29							
Control 2	Cardiac Cardiac OFF THI GEN small 80 1660 80							
	Cardiac Cardiac 78							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
cM Control legend: Application, Preset, M line depth

C9-2X

C9-2X B-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	1,0		1,0		0,6
Index Component Value				1,0	1,0	1,0	1,0	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,6					
	P	(mW)		102,9		102,9		44,5
	P_{1x1}	(mW)		102,9		102,9		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	2,2					
	$z_{pii,\alpha}$	(cm)	2,2					
	f_{awf}	(MHz)	2,1	2,0		2,0		2,2
Other Information	p_{rr}	(Hz)	110,0					
	s_{rr}	(Hz)	27,5					
	npps		4					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	154,1					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	30,1					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	41,7					
	p_r at z_{pii}	(MPa)	2,9					
Operation control conditions	Control 1		x					
	Control 2			x		x		
	Control 3							x
	Control 4							
Control 1	Abdominal Abdomen OFF THI PEN small 20.1 1660 18							
Control 2	Pediatric Abdomen OFF THI PEN small 190 1660 180							
Control 3	Abdominal Abdomen OFF THI PEN small 180.1 1660 180							
Control 4								

Control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)

C9-2X PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,2	1,4		3,5		2,0
Index Component Value				1,4	1,0	2,0	3,5	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	1,9					
	P	(mW)		116,0		116,0		116,0
	$P_{1\times1}$	(mW)		116,0		116,0		
	z_s	(cm)			2,20			
	z_b	(cm)					3,40	
	z_{MI}	(cm)	3,0					
	$z_{pii,\alpha}$	(cm)	3,0					
	f_{awf}	(MHz)	2,4	2,4		2,4		2,4
Other Information	p_{rr}	(Hz)	648,7					
	s_{rr}	(Hz)	10,1					
	npps		64					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	179,7					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	476,5					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	807,3					
	p_r at z_{pii}	(MPa)	2,2					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Abdominal Abdomen 5 43 12.8							
Control 2	Abdominal Abdomen 5 81 45							
Control 3								
Control 4								

Control legend: Application, Preset, SV Size(mm), SV Depth (mm), Scale (cm/s)

C9-2X CEUS

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			0.3*	0,1		0,1		0,1
Index Component Value				0,1	0,1	0,1	0,1	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	0,5					
	P	(mW)		2,2		2,2		2,2
	P_{1x1}	(mW)		2,2		2,2		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	5,2					
	$z_{pii,\alpha}$	(cm)	5,2					
	f_{awf}	(MHz)	2,9	2,8		2,8		2,8
Other Information	p_{rr}	(Hz)	220,0					
	s_{rr}	(Hz)	27,5					
	npps		8					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	8,0					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	3,0					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	17,8					
	p_r at z_{pii}	(MPa)	0,8					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	ObGyn EarlyOB OFF FUND RES small 50 1540 66							
	ObGyn EarlyOB RES							
Control 2	ObGyn EarlyOB OFF FUND RES small 90 1540 110							
	ObGyn EarlyOB RES							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
CEUS Control legend: Application, Preset, CEUS Optimization

***WARNING: a MI of 0.8 will be reached transiently when manually activating FLASH sequence**

C9-2X COLOR DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	2,1		2,1		0,9
Index Component Value				2,1	0,8	2,1	1,8	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,6					
	P	(mW)		188,1		188,1		84,4
	P_{1x1}	(mW)		188,1		188,1		
	z_s	(cm)			0,00			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	2,2					
	$z_{pii,\alpha}$	(cm)	2,2					
	f_{awf}	(MHz)	2,1	2,2		2,2		2,6
Other Information	p_{rr}	(Hz)	305,4					
	s_{rr}	(Hz)	12,7					
	npps		24					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	154,1					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	65,9					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	221,7					
	p_r at z_{pii}	(MPa)	2,9					
Operation control conditions	Control 1		x					
	Control 2			x		x		
	Control 3							x
	Control 4							
Control 1	Abdominal Abdomen OFF THI PEN small 30.1 1660 18							
	Abdominal Abdomen 18 RES HD 5 21.3408 0.5 10 28.8805							
Control 2	Pediatric AbdomenPediatric OFF THI PEN small 190 1660 180							
	Pediatric AbdomenPediatric 48 PEN HD 38 21.3408 0.5 10 70.0434							
Control 3	Abdominal Abdomen OFF THI PEN small 180.1 1660 180							
	Abdominal Abdomen 110 RES HD 77 21.3408 42.5 10 69.8494							
Control 4	Abdominal Abdomen OFF THI PEN small 180.1 1660 180							
	Abdominal Abdomen 110 RES HD 77 21.3408 42.5 10 69.8494							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ

C9-2X SWE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	2,0		2,1		1,5
Index Component Value				2,0	0,6	1,7	2,1	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,6					
	P	(mW)		106,1		124,8		133,3
	P_{1x1}	(mW)		156,3		136,0		
	z_s	(cm)			0,00			
	z_b	(cm)					1,70	
	z_{MI}	(cm)	2,2					
	$z_{pii,\alpha}$	(cm)	2,2					
	f_{awf}	(MHz)	2,1	3,0		3,0		3,0
Other Information	p_{rr}	(Hz)	595,4					
	s_{rr}	(Hz)	1,5					
	npps		387					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	154,1					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	155,6					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	555,3					
	p_r at z_{pii}	(MPa)	2,9					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Abdominal Abdomen OFF THI PEN small 30.1 1660 18							
	Abdominal Abdomen RES 21.762 14.9594 9.828 9.9594							
Control 2	Abdominal AbdominalVascular OFF THI PEN large 110 1660 66							
	Abdominal AbdominalVascular STD 21.762 54.9588 9.828 9.9588							
Control 3	Abdominal AbdominalVascular OFF THI PEN medium 220 1660 18							
	Abdominal AbdominalVascular STD 21.762 14.9588 9.828 9.9588							
Control 4	Abdominal AbdominalVascular OFF THI PEN medium 220 1660 18							
	Abdominal AbdominalVascular STD 21.762 14.9588 9.828 9.9588							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
SWE control legend: Application, Preset, SWE Optimization, box position (mm): X, Z (depth), box size (mm): DX, DZ

C9-2X B-MODE + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			0,8	1,3		4,5		3,0
Index Component Value				1,3	1,0	1,8	4,5	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	1,8					
	p	(mW)		113,8		182,2		182,4
	P_{1x1}	(mW)		113,8		153,7		
	z_s	(cm)			0,00			
	z_b	(cm)					1,60	
	z_{MI}	(cm)	1,7					
	$z_{pii,\alpha}$	(cm)	1,7					
	f_{awf}	(MHz)	5,5	2,6		5,4		2,6
Other Information	p_{rr}	(Hz)	739,3					
	s_{rr}	(Hz)	5,7					
	npps		130					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	89,2					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	31,8					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	38,2					
	p_r at z_{pii}	(MPa)	2,5					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Abdominal Abdomen OFF FUND RES small 50.1 1660 18							
	Abdominal Abdomen 0.5 13 12.8							
Control 2	Abdominal Abdomen OFF FUND PEN small 180.1 1660 18							
	Abdominal Abdomen 4 81 45							
Control 3	Breast Breast OFF FUND PEN small 140.1 1600 18							
	Breast Breast 5 135 30.8							
Control 4	Breast Breast OFF FUND PEN small 140.1 1600 18							
	Breast Breast 5 135 30.8							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
D Control legend: Application, Preset, SV Size(mm), SV Depth (mm), Scale (cm/s)

C9-2X B-MODE + COLOR DOPPLER + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			0,6	0,2		0,2		0,5
Index Component Value				0,2	0,2	0,1	0,2	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	1,2					
	P	(mW)		11,6		4,9		11,6
	P_{1x1}	(mW)		11,6		3,6		
	z_s	(cm)			0,00			
	z_b	(cm)					0,40	
	z_{MI}	(cm)	1,7					
	$z_{pii,\alpha}$	(cm)	1,7					
	f_{awf}	(MHz)	3,4	3,2		4,1		3,2
Other Information	p_{rr}	(Hz)	777,0					
	s_{rr}	(Hz)	1,9					
	npps		400					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	23,5					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	5,8					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	14,5					
	p_r at z_{pii}	(MPa)	1,1					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	ObGyn EarlyOB OFF FUND GEN small 150 1540 18							
	ObGyn EarlyOB 66 RES HD 9 17.9712 0.5 17.62 90.8489							
	ObGyn EarlyOB 0.5 13 15.4							
Control 2	ObGyn EarlyOB OFF FUND PEN small 190 1540 18							
	ObGyn EarlyOB 66 PEN HD 103 17.9712 0.5 17.62 90.8489							
	ObGyn EarlyOB 0.5 13 310							
Control 3	Pediatric Abdomen OFF FUND RES small 40 1660 18							
	Pediatric AbdomenPediatric 32 RES HD 9 21.504 0.5 21.5 39.4647							
	Pediatric AbdomenPediatric 0.5 13 12.8							
Control 4	ObGyn EarlyOB OFF FUND PEN small 190 1540 18							
	ObGyn EarlyOB 66 PEN HD 103 17.9712 0.5 17.62 90.8489							
	ObGyn EarlyOB 0.5 13 310							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ
D Control legend: Application, Preset, SV Size(mm), SV Depth (mm), Scale (cm/s)

C9-2X M-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	0,3		0,3		0,4
Index Component Value				0,3	0,3	0,3	0,3	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,6					
	p	(mW)		63,3		63,3		63,3
	P_{1x1}	(mW)		63,3		63,3		
	z_s	(cm)			1,50			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	2,2					
	$z_{pii,\alpha}$	(cm)	2,2					
	f_{awf}	(MHz)	2,1	2,2		2,2		2,2
Other Information	p_{rr}	(Hz)	1035,7					
	s_{rr}	(Hz)	15,2					
	npps		68					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	143,6					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	140,5					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	1097,5					
	p_r at z_{pii}	(MPa)	2,8					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Abdominal Abdomen OFF THI PEN small 20.1 1660 18							
	Abdominal Abdomen 17							
Control 2	Abdominal Abdomen OFF THI PEN small 180.1 1660 180							
	Abdominal Abdomen 177.6							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
cM Control legend: Application, Preset, M line depth

E12-3

E12-3 B-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	0,2		0,2		0,2
Index Component Value				0,2	0,2	0,2	0,2	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,9					
	P	(mW)		4,8		4,8		4,8
	P_{1x1}	(mW)		4,8		4,8		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	0,6					
	$z_{pii,\alpha}$	(cm)	0,6					
	f_{awf}	(MHz)	5,1	4,9		4,9		4,9
Other Information	p_{rr}	(Hz)	38,9					
	s_{rr}	(Hz)	13,0					
	npps		3					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	634,3					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	41,2					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	48,4					
	p_r at z_{pii}	(MPa)	4,2					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	General General OFF FUND PEN small 15 1660 7							
Control 2	General General ON FUND PEN small 65 1660 22 30 40 60							
Control 3								
Control 4								

Control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)

E12-3 PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,9	1,6		2,6		5,3
Index Component Value				1,6	0,8	1,8	2,6	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,9					
	P	(mW)		76,8		54,9		76,8
	P_{1x1}	(mW)		76,8		54,9		
	z_s	(cm)			0,60			
	z_b	(cm)					2,00	
	z_{MI}	(cm)	1,9					
	$z_{pii,\alpha}$	(cm)	1,9					
	f_{awf}	(MHz)	4,5	4,8		4,5		4,8
Other Information	p_{rr}	(Hz)	672,3					
	s_{rr}	(Hz)	10,5					
	npps		64					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	464,1					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	417,3					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	765,2					
	p_r at z_{pii}	(MPa)	5,1					
Operation control conditions	Control 1		x					
	Control 2			x				x
	Control 3					x		
	Control 4							
Control 1	General General 1.5 55 6.2							
Control 2	General General 0.5 2 220							
Control 3	General General 1.5 55 15.4							
Control 4								

Control legend: Application, Preset, SV Size(mm), SV Depth (mm), Scale (cm/s)

E12-3 CEUS

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			0,4	0,1		0,1		0,1
Index Component Value				0,1	0,1	0,1	0,1	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	0,8					
	p	(mW)		0,9		0,9		0,9
	P_{1x1}	(mW)		0,9		0,9		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	2,5					
	$z_{pii,\alpha}$	(cm)	2,5					
	f_{awf}	(MHz)	4,9	5,2		5,2		5,2
Other Information	p_{rr}	(Hz)	104,0					
	s_{rr}	(Hz)	13,0					
	npps		8					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	22,7					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	3,0					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	19,6					
	p_r at z_{pii}	(MPa)	1,2					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	ObGyn EarlyOB OFF FUND RES small 25 1540 30							
	ObGyn EarlyOB RES							
Control 2	ObGyn EarlyOB OFF FUND RES small 45 1540 60							
	ObGyn EarlyOB PEN							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
CEUS Control legend: Application, Preset, CEUS Optimization

*WARNING: a MI of 0.8 will be reached transiently when manually activating FLASH sequence

E12-3 COLOR DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,0	0,3		0,3		0,5
Index Component Value				0,3	0,3	0,3	0,3	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,3					
	P	(mW)		12,6		12,6		12,6
	P_{1x1}	(mW)		12,6		12,6		
	z_1	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	1,3					
	$z_{pii,\alpha}$	(cm)	1,3					
	f_{awf}	(MHz)	5,0	5,0		5,0		5,0
Other Information	p_{rr}	(Hz)	219,1					
	s_{rr}	(Hz)	8,4					
	npps		26					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	187,2					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	100,5					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	550,1					
	p_r at z_{pii}	(MPa)	2,6					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	ObGyn EarlyOB OFF THI PEN small 65 1540 60							
	ObGyn EarlyOB 60 PEN HD 2 12.7882 21.5 3 40.5045							
Control 2	General General OFF FUND PEN small 90 1660 7							
	General General 60 PEN HD 13 12.4908 75.5571 3 14.4429							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization , Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ

E12-3 SWE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,4	0,4		0,7		0,5
Index Component Value				0,4	0,3	0,4	0,7	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,0					
	P	(mW)		18,2		16,5		18,2
	P_{1x1}	(mW)		17,5		15,9		
	z_s	(cm)			0,00			
	z_b	(cm)					0,90	
	z_{MI}	(cm)	2,0					
	$z_{pii,\alpha}$	(cm)	2,0					
	f_{awf}	(MHz)	4,5	4,9		4,9		4,9
Other Information	p_{rr}	(Hz)	399,0					
	s_{rr}	(Hz)	1,0					
	npps		399					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	334,7					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	186,7					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	660,5					
	p_r at z_{pii}	(MPa)	4,1					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	General General OFF FUND PEN small 35 1660 30							
	General General RES 11.7473 29.9803 5.0558 4.9803							
Control 2	General General OFF THI PEN small 65 1660 60							
	General General 0 0 11.7473 40 5.0558 24.9015							
Control 3	General General OFF THI PEN small 40 1660 30							
	General General RES 11.7473 10 5.0558 24.9015							
Control 4	General General OFF THI PEN small 65 1660 60							
	General General RES 11.7473 40 5.0558 24.9015							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
SWE control legend: Application, Preset, SWE Optimization, box position (mm): X, Z (depth), box size (mm): DX, DZ

E12-3 B-MODE + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	0,8		1,9		1,2
Index Component Value				0,8	0,6	0,9	1,9	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,0					
	p	(mW)		34,9		41,3		34,9
	P_{1x1}	(mW)		34,9		41,3		
	z_s	(cm)			0,00			
	z_b	(cm)					0,90	
	z_{MI}	(cm)	1,9					
	$z_{pii,\alpha}$	(cm)	1,9					
	f_{awf}	(MHz)	4,4	4,9		5,1		4,9
Other Information	p_{rr}	(Hz)	682,8					
	s_{rr}	(Hz)	5,3					
	npps		130					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	549,6					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	317,3					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	571,5					
	p_r at z_{pii}	(MPa)	5,1					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	General General OFF FUND PEN small 40 1660 7							
	General General 0.5 35 6.2							
Control 2	General General OFF FUND PEN small 65 1660 7 14 22 30							
	General General 1.5 55 6.2							
Control 3	General General OFF FUND PEN small 60 1660 7							
	General General 1.5 55 6.2							
Control 4	General General OFF FUND PEN small 65 1660 7 14 22 30							
	General General 1.5 55 6.2							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
D Control legend: Application, Preset, SV Size(mm), SV Depth (mm), Scale (cm/s)

E12-3 B-MODE + COLOR DOPPLER + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			0,7	0,1		0,1		6,3
Index Component Value				0,1	0,1	0,1	0,1	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	1,6					
	p	(mW)		3,4		2,2		79,8
	P_{1x1}	(mW)		3,4		2,2		
	z_s	(cm)			0,00			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	0,4					
	$z_{pii,\alpha}$	(cm)	0,4					
	f_{awf}	(MHz)	5,3	5,7		6,4		5,8
Other Information	p_{rr}	(Hz)	608,3					
	s_{rr}	(Hz)	2,2					
	npps		272					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	80,3					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	5,6					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	9,6					
	p_r at z_{pii}	(MPa)	1,4					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	ObGyn EarlyOB OFF FUND PEN small 25 1540 7							
	ObGyn EarlyOB 22 RES FR 4 9.5168 0.5 9.2 23.9361							
	ObGyn EarlyOB 0.5 2 6.2							
Control 2	ObGyn EarlyOB OFF FUND PEN small 65 1540 7							
	ObGyn EarlyOB 30 GEN MED 25 9.5168 0.5 9.2 40.3494							
	ObGyn EarlyOB 0.5 2 10.3							
Control 3	ObGyn EarlyOB OFF FUND PEN small 45 1540 7							
	ObGyn EarlyOB 30 GEN FR 72 9.5168 0.5 9.2 40.3494							
	ObGyn EarlyOB 0.5 2 250							
Control 4	ObGyn EarlyOB OFF FUND PEN small 45 1540 7							
	ObGyn EarlyOB 30 GEN FR 72 9.5168 0.5 9.2 40.3494							
	ObGyn EarlyOB 0.5 2 250							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ
D Control legend: Application, Preset, SV Size(mm), SV Depth (mm),Scale (cm/s)

E12-3 M-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			0,8	0,4		0,7		0,4
Index Component Value				0,4	0,3	0,5	0,7	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	1,7					
	P	(mW)		19,9		19,8		19,9
	P_{1x1}	(mW)		19,9		19,8		
	z_s	(cm)			0,00			
	z_b	(cm)					1,00	
	z_{MI}	(cm)	2,8					
	$z_{pii,\alpha}$	(cm)	2,8					
	f_{awf}	(MHz)	4,5	4,2		4,7		4,2
Other Information	p_{rr}	(Hz)	1039,2					
	s_{rr}	(Hz)	15,3					
	npps		68					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	123,9					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	57,1					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	680,0					
	p_r at z_{pii}	(MPa)	2,5					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	ObGyn EarlyOB OFF THI PEN small 40 1540 40							
	ObGyn EarlyOB 37							
Control 2	ObGyn GYN OFF THI PEN small 65 1660 60							
	ObGyn GYN 59							
Control 3	ObGyn GYN OFF FUND PEN small 60 1660 60							
	ObGyn GYN 57							
Control 4	ObGyn GYN OFF THI PEN small 65 1660 60							
	ObGyn GYN 59							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
cM Control legend: Application, Preset, M line depth

C6-1X

C6-1X B-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,1	2,0		2,0		1,7
Index Component Value				2,0	2,0	1,7	2,0	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	1,6					
	p	(mW)		216,8		216,8		216,8
	P_{1x1}	(mW)		183,9		183,9		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	4,1					
	$z_{pii,\alpha}$	(cm)	4,1					
	f_{awf}	(MHz)	2,1	2,3		2,3		2,3
Other Information	p_{rr}	(Hz)	80,0					
	s_{rr}	(Hz)	13,3					
	npps		6					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	143,8					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	28,3					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	53,0					
	p_r at z_{pii}	(MPa)	2,1					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Abdominal Abdomen OFF THI GEN small 55 1660 48							
Control 2	General General OFF THI RES small 185 1660 180							
Control 3								
Control 4								

Control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)

C6-1X PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,3	1,7		5,0		3,0
Index Component Value				1,7	1,4	2,9	5,0	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	1,8					
	P	(mW)		199,1		198,4		149,4
	P_{1x1}	(mW)		184,9		173,2		
	z_s	(cm)			2,60			
	z_b	(cm)					3,90	
	z_{MI}	(cm)	4,4					
	$z_{pii,\alpha}$	(cm)	4,4					
	f_{awf}	(MHz)	1,9	1,9		1,9		1,9
Other Information	p_{rr}	(Hz)	578,3					
	s_{rr}	(Hz)	9,0					
	npps		64					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	162,5					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	181,7					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	321,3					
	p_r at z_{pii}	(MPa)	2,2					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Abdominal Abdomen 0.5 135 12.8							
Control 2	Abdominal Abdomen 0.5 135 130							
Control 3	Abdominal Abdomen 0.5 135 64.8							
Control 4	Abdominal Abdomen 3 43 64.8							

Control legend: Application, Preset, SV Size(mm), SV Depth (mm),Scale (cm/s)

C6-1X CEUS

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			0.4*	0,1		0,1		0,1
Index Component Value				0,1	0,1	0,1	0,1	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	0,5					
	P	(mW)		1,7		1,7		1,7
	P_{1x1}	(mW)		1.7**		1.7**		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	4,9					
	$z_{pii,\alpha}$	(cm)	4,9					
	f_{awf}	(MHz)	2,1	2,4		2,4		2,4
Other Information	p_{rr}	(Hz)	220,0					
	s_{rr}	(Hz)	27,5					
	npps		8					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	10,1					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	3,2					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	13,3					
	p_r at z_{pii}	(MPa)	0,8					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	ObGyn EarlyOB OFF FUND RES small 50 1540 66							
	ObGyn EarlyOB RES							
Control 2	ObGyn EarlyOB OFF FUND RES small 120 1540 140							
	ObGyn EarlyOB PEN							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
CEUS Control legend: Application, Preset, CEUS Optimization

***WARNING: a MI of 0.8 will be reached transiently when manually activating FLASH sequence**
** P1x1 value has been maximized

C6-1X COLOR DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,5	2,8		3,4		4,0
Index Component Value				2,8	2,1	2,8	3,4	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,3					
	P	(mW)		438,0		438,0		438,0
	P_{1x1}	(mW)		438**		438**		
	z_s	(cm)			0,00			
	z_b	(cm)					1,50	
	z_{MI}	(cm)	4,0					
	$z_{pii,\alpha}$	(cm)	4,0					
	f_{awf}	(MHz)	2,2	2,8		2,8		2,8
Other Information	p_{rr}	(Hz)	258,5					
	s_{rr}	(Hz)	7,8					
	npps		33					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	0,0					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	262,9					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	51,9					
	p_r at z_{pii}	(MPa)	2,9					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Abdominal Abdomen OFF FUND PEN small 75 1660 32							
	Abdominal Abdomen 66 PEN HD 5 27.216 38.2505 10 33.7495							
Control 2	Abdominal Abdomen OFF THI RES small 185 1660 180							
	Abdominal Abdomen 48 RES HD 12 27.216 0.5 10 70.4463							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ

** P1x1 value has been maximized

C6-1X SWE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	2,8		3,0		3,1
Index Component Value				2,8	1,2	0,1	3,0	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,5					
	P	(mW)		318,1		267,2		377,5
	P_{1x1}	(mW)		318.1**		267.2**		
	z_s	(cm)			0,00			
	z_b	(cm)					2,10	
	z_{MI}	(cm)	5,8					
	$z_{p\tilde{i}i,\alpha}$	(cm)	5,8					
	f_{awf}	(MHz)	1,9	2,5		2,4		2,5
Other Information	p_{rr}	(Hz)	526,3					
	s_{rr}	(Hz)	1,1					
	npps		500					
	$I_{pa,\alpha}$ at $z_{p\tilde{i}i,\alpha}$	(W/cm^2)	391,3					
	$I_{spta,\alpha}$ at $z_{p\tilde{i}i,\alpha}$ or at $z_{s\tilde{i}i,\alpha}$	(mW/cm^2)	451,9					
	I_{spta} at $z_{p\tilde{i}i}$ or at $z_{s\tilde{i}i}$	(mW/cm^2)	1929,4					
	p_r at $z_{p\tilde{i}i}$	(MPa)	3,5					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Abdominal Abdomen OFF FUND PEN small 75 1660 66							
	Abdominal Abdomen RES 27.216 64.9564 10.08 10.0436							
Control 2	Abdominal Abdomen OFF THI RES small 45 1660 18							
	Abdominal Abdomen STD 27.216 9.9588 10.08 9.9588							
Control 3	Abdominal Renal OFF THI RES small 395.52 1660 18							
	Abdominal Renal STD 22.176 14.9588 20.16 9.9588							
Control 4	Abdominal Renal OFF THI RES small 395.52 1660 18							
	Abdominal Renal STD 22.176 14.9588 20.16 9.9588							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
SWE control legend: Application, Preset, SWE Optimization, box position (mm): X, Z (depth), box size (mm): DX, DZ

** P1x1 value has been maximized

C6-1X B-MODE + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,2	1,7		5,0		3,2
Index Component Value				1,7	1,4	0,1	5,0	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	1,9					
	P	(mW)		200,6		204,6		218,1
	P_{1x1}	(mW)		177,6		204.6**		
	z_s	(cm)			0,00			
	z_b	(cm)					1,90	
	z_{MI}	(cm)	4,4					
	$z_{p\text{ii},\alpha}$	(cm)	4,4					
	f_{awf}	(MHz)	2,6	2,6		4,0		2,6
Other Information	p_{rr}	(Hz)	587,3					
	s_{rr}	(Hz)	3,0					
	npps		195					
	$I_{pa,\alpha}$ at $z_{p\text{ii},\alpha}$	(W/cm^2)	144,5					
	$I_{spta,\alpha}$ at $z_{p\text{ii},\alpha}$ or at $z_{s\text{ii},\alpha}$	(mW/cm^2)	98,2					
	I_{spta} at $z_{p\text{ii}}$ or at $z_{s\text{ii}}$	(mW/cm^2)	159,7					
	p_r at $z_{p\text{ii}}$	(MPa)	2,7					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Abdominal Abdomen OFF FUND PEN small 145 1660 18							
	Abdominal Abdomen 3 43 12.8							
Control 2	Abdominal Abdomen OFF FUND PEN small 185 1660 18							
	Abdominal Abdomen 3 135 64.8							
Control 3	Pediatric AbdomenPediatric OFF FUND PEN small 190 1660 18							
	Pediatric AbdomenPediatric 3 175 90							
Control 4	Pediatric AbdomenPediatric OFF FUND PEN small 190 1660 18							
	Pediatric AbdomenPediatric 3 175 90							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
D Control legend: Application, Preset, SV Size(mm),SV Depth (mm), Scale (cm/s)

** P1x1 value has been maximized

C6-1X B-MODE + COLOR DOPPLER + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,5	0,5		0,2		1,7
Index Component Value				0,4	0,5	0,1	0,2	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	2,4					
	P	(mW)		53,6		4,9		53,6
	P_{1x1}	(mW)		42,6		3,6		
	z_s	(cm)			0,40			
	z_b	(cm)					0,40	
	z_{MI}	(cm)	4,3					
	$z_{pii,\alpha}$	(cm)	4,3					
	f_{awf}	(MHz)	2,6	2,7		4,1		2,7
Other Information	p_{rr}	(Hz)	572,7					
	s_{rr}	(Hz)	1,0					
	npps		600					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	364,3					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	38,0					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	89,5					
	p_r at z_{pii}	(MPa)	3,5					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Pediatric Abdomen OFF FUND PEN small 140 1660 18							
	Pediatric Abdomen 48 RES HD 9 21.504 0.5 21.5 68.971							
	Pediatric Abdomen 0.5 13 15.4							
Control 2	Pediatric Abdomen OFF FUND PEN small 190 1660 18							
	Pediatric Abdomen 48 RES HD 103 21.504 0.5 21.5 68.971							
	Pediatric Abdomen 0.5 13 310							
Control 3	Pediatric Abdomen OFF FUND RES small 40 1660 18							
	Pediatric Abdomen 32 RES HD 9 21.504 0.5 21.5 39.4647							
	Pediatric Abdomen 0.5 13 12.8							
Control 4	Pediatric Abdomen OFF FUND PEN small 190 1660 18							
	Pediatric Abdomen 48 RES HD 103 21.504 0.5 21.5 68.971							
	Pediatric Abdomen 0.5 13 310							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ
D Control legend: Application, Preset, SV Depth (mm), SV Size(mm), Scale (cm/s)

C6-1X M-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,1	1,7		1,6		1,6
Index Component Value				1,1	1,7	0,8	1,6	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	1,6					
	p	(mW)		228,3		164,9		202,0
	P_{1x1}	(mW)		194,2		152,1		
	z_s	(cm)			2,40			
	z_b	(cm)					2,40	
	z_{MI}	(cm)	3,5					
	$z_{p\tilde{i}i,\alpha}$	(cm)	3,5					
	f_{awf}	(MHz)	2,1	2,3		1,8		2,1
Other Information	p_{rr}	(Hz)	1034,3					
	s_{rr}	(Hz)	10,1					
	npps		102					
	$I_{pa,\alpha}$ at $z_{p\tilde{i}i,\alpha}$	(W/cm^2)	104,3					
	$I_{spta,\alpha}$ at $z_{p\tilde{i}i,\alpha}$ or at $z_{s\tilde{i}i,\alpha}$	(mW/cm^2)	114,5					
	I_{spta} at $z_{p\tilde{i}i}$ or at $z_{s\tilde{i}i}$	(mW/cm^2)	1283,2					
	p_r at $z_{p\tilde{i}i}$	(MPa)	1,9					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Abdominal Abdomen OFF THI GEN small 35 1660 32							
	Abdominal Abdomen 31							
Control 2	Abdominal Abdomen OFF THI RES small 185 1660 180							
	Abdominal Abdomen 179							
Control 3	Abdominal Abdomen OFF THI GEN small 185 1660 180							
	Abdominal Abdomen 179							
Control 4	Abdominal Abdomen OFF THI GEN small 185 1660 180							
	Abdominal Abdomen 179							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
cM Control legend: Application, Preset, M line depth

LH20-6

LH20-6 B-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	0,2		0,2		0,3
Index Component Value				0,2	0,2	0,2	0,2	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,6					
	p	(mW)		3,2		3,2		5,1
	P_{1x1}	(mW)		3,2		3,2		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	0,9					
	$z_{pii,\alpha}$	(cm)	0,9					
	f_{awf}	(MHz)	7,5	10,1		10,1		7,9
Other Information	p_{rr}	(Hz)	80,0					
	s_{rr}	(Hz)	13,3					
	npps		6					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	507,8					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	29,5					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	44,6					
	p_r at z_{pii}	(MPa)	5,6					
Operation control conditions	Control 1		x					
	Control 2			x		x		
	Control 3							x
	Control 4							
Control 1	Breast Breast OFF THI GEN small 15.7 1600 12							
Control 2	Breast Breast OFF FUND GEN small 48.6 1600 18 24 30 40							
Control 3	Breast Breast OFF FUND PEN small 48.6 1600 18 24 30 40							
Control 4								

Control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)

LH20-6 PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,3	0,3		0,8		0,6
Index Component Value				0,3	0,2	0,5	0,8	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,3					
	P	(mW)		6,8		4,9		5,2
	P_{1x1}	(mW)		6,8		4,9		
	z_s	(cm)			0,60			
	z_b	(cm)					0,70	
	z_{MI}	(cm)	0,9					
	$z_{pii,\alpha}$	(cm)	0,9					
	f_{awf}	(MHz)	7,4	7,5		7,5		7,5
Other Information	p_{rr}	(Hz)	1162,5					
	s_{rr}	(Hz)	14,5					
	npps		80					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	408,5					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	202,3					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	324,5					
	p_r at z_{pii}	(MPa)	4,0					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Breast Breast 0.5 17 6.2							
Control 2	Breast Breast 1 17 15.4							
Control 3	Breast Breast 1 17 110							
Control 4	Breast Breast 1 2 30.8							
Control legend: Application, Preset, SV Size(mm), SV Depth (mm), Scale (cm/s)								

LH20-6 COLOR DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	0,2		0,2		0,3
Index Component Value				0,2	0,2	0,2	0,2	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,6					
	P	(mW)		5,1		5,1		5,1
	P_{1x1}	(mW)		5,1		5,1		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	0,9					
	$z_{pii,\alpha}$	(cm)	0,9					
	f_{awf}	(MHz)	7,5	7,6		7,6		7,6
Other Information	p_{rr}	(Hz)	390,0					
	s_{rr}	(Hz)	10,0					
	npps		39					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	507,8					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	45,0					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	204,0					
	p_r at z_{pii}	(MPa)	5,6					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Breast Breast OFF THI GEN small 15.7 1600 12							
	Breast Breast 7 GEN MED 8 11.48 1 3 3							
Control 2	Vascular SuperficialVascular OFF THI RES small 48.3 1660 40							
	Vascular SuperficialVascular 7 GEN MED 18 11.48 0.64529 3 3							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ

LH20-6 SWE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	0,8		1,1		0,6
Index Component Value				0,8	0,4	0,7	1,1	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,6					
	P	(mW)		18,8		18,6		20,1
	P_{1x1}	(mW)		18,8		18,6		
	z_s	(cm)			0,00			
	z_b	(cm)					0,60	
	z_{MI}	(cm)	0,9					
	$z_{pii,\alpha}$	(cm)	0,9					
	f_{awf}	(MHz)	7,5	9,0		7,5		7,5
Other Information	p_{rr}	(Hz)	798,0					
	s_{rr}	(Hz)	2,0					
	npps		399					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	507,8					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	318,7					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	1106,6					
	p_r at z_{pii}	(MPa)	5,6					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x

Control 1	Breast Breast OFF THI GEN small 15.7 1600 12
	Breast Breast RES 8.96 4.956 8.96 9.956
	Breast Breast 0 0 8.96 4.956 8.96 9.956
Control 2	Breast Breast OFF THI PEN large 29.8 1600 24
	Breast Breast RES 3.29 9.8881 20.02 19.9119
	Breast Breast 0 0 3.29 9.8881 20.02 19.9119
Control 3	Breast Breast OFF THI PEN large 29.8 1600 24
	Breast Breast PEN 3.29 9.6161 20.02 20.1839
	Breast Breast 0 0 3.29 9.6161 20.02 20.1839
Control 4	Breast Breast OFF THI PEN large 29.8 1600 24
	Breast Breast PEN 3.29 9.6161 20.02 20.1839
	Breast Breast 0 0 3.29 9.6161 20.02 20.1839

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
SWE control legend: Application, Preset, SWE Optimization, box position (mm): X, Z (depth), box size (mm): DX, DZ
Plane wave control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ

LH20-6 B-MODE + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	0,4		0,9		0,6
Index Component Value				0,4	0,3	0,4	0,9	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,9					
	P	(mW)		9,8		9,6		5,2
	P_{1x1}	(mW)		9,8		9,6		
	z_s	(cm)			0,00			
	z_b	(cm)					0,20	
	z_{MI}	(cm)	0,9					
	$z_{pii,\alpha}$	(cm)	0,9					
	f_{awf}	(MHz)	8,6	10,2		10,2		8,4
Other Information	p_{rr}	(Hz)	1919,6					
	s_{rr}	(Hz)	4,8					
	npps		396					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	635,6					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	56,8					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	214,0					
	p_r at z_{pii}	(MPa)	6,2					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Vascular SuperficialVascular OFF FUND PEN small 34.2 1660 4 8 12 18							
	Vascular SuperficialVascular 0.5 2 10.3							
Control 2	Breast Breast OFF FUND GEN small 43.9 1600 4 8 12 18							
	Breast Breast 1 35 20.5							
Control 3	Breast Breast OFF FUND PEN small 43.9 1600 4 8 12 18							
	Breast Breast 1 2 30.8							
Control 4	Breast Breast OFF FUND PEN small 43.9 1600 4 8 12 18							
	Breast Breast 1 2 30.8							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
D Control legend: Application, Preset, SV Depth (mm), SV Size(mm), Scale (cm/s)

LH20-6 B-MODE + COLOR DOPPLER + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,6	0,1		0,2		0,4
Index Component Value				0,1	0,1	0,1	0,2	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,8					
	P	(mW)		2,6		2,6		3,1
	P_{1x1}	(mW)		2,6		2,6		
	z_s	(cm)			0,00			
	z_b	(cm)					0,20	
	z_{MI}	(cm)	0,4					
	$z_{pii,\alpha}$	(cm)	0,4					
	f_{awf}	(MHz)	8,9	9,5		9,5		9,5
Other Information	p_{rr}	(Hz)	1583,1					
	s_{rr}	(Hz)	1,6					
	npps		990					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	594,8					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	37,2					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	74,1					
	p_r at z_{pii}	(MPa)	5,2					
Operation control conditions	Control 1		x					
	Control 2			x		x		
	Control 3							x
	Control 4							
Control 1	Vascular SuperficialVascular OFF FUND PEN small 34.2 1660 4							
	Vascular SuperficialVascular 7 RES HD 6 8.96 0.5 8 12.284							
	Vascular SuperficialVascular 0.5 2 10.3							
Control 2	Vascular SuperficialVascular OFF FUND PEN small 43.6 1660 4							
	Vascular SuperficialVascular 7 RES MED 150 8.96 0.5 8 12.284							
	Vascular SuperficialVascular 0.5 2 190							
Control 3	Vascular SuperficialVascular OFF FUND PEN small 43.6 1660 4							
	Vascular SuperficialVascular 7 RES HD 150 8.96 0.5 8 12.284							
	Vascular SuperficialVascular 0.5 2 190							
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization,Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ
D Control legend: Application, Preset, SV Depth (mm), SV Size(mm), Scale (cm/s)

LH20-6 NEEDLE PL.U.S.

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	0,2		0,3		0,3
Index Component Value				0,2	0,2	0,3	0,2	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	4,6					
	P	(mW)		3,9		6,0		5,9
	P_{1x1}	(mW)		3,9		6,0		
	z_s	(cm)			0,00			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	0,9					
	$z_{pii,\alpha}$	(cm)	0,9					
	f_{awf}	(MHz)	7,5	10,1		8,5		8,5
Other Information	p_{rr}	(Hz)	960,0					
	s_{rr}	(Hz)	13,3					
	npps		72					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	507,8					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	39,6					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	127,3					
	p_r at z_{pii}	(MPa)	5,6					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Breast Breast OFF THI GEN small 15.7 1600 12							
Control 2	Breast Breast OFF FUND GEN small 48.6 1600 18 24 30 40							
Control 3	Breast Breast OFF FUND PEN small 48.6 1600 18 24 30 40							
Control 4	Breast Breast OFF FUND PEN small 48.6 1600 18 24 30 40							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)

LV16-5

LV16-5 B-MODE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	0,3		0,3		0,3
Index Component Value				0,3	0,3	0,3	0,3	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,8					
	P	(mW)		10,2		10,2		10,2
	P_{1x1}	(mW)		10,2		10,2		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	1,2					
	$z_{pii,\alpha}$	(cm)	1,2					
	f_{awf}	(MHz)	5,2	5,2		5,2		5,2
Other Information	p_{rr}	(Hz)	138,0					
	s_{rr}	(Hz)	13,8					
	npps		10					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	224,4					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	60,6					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	91,1					
	p_r at z_{pii}	(MPa)	4,6					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Breast Breast2 OFF THI PEN small* 25.7 1600 22							
Control 2	Breast Breast OFF THI PEN small* 68 1600 68							
Control 3								
Control 4								

Control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)

* The small sector size can't be reach on this version of software. The values in the system are less than this table

LV16-5 PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,5	0,5		1,8		1,4
Index Component Value				0,5	0,4	1,4	1,8	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,2					
	P	(mW)		16,3		16,3		16,3
	P_{1x1}	(mW)		16,3		16,3		
	z_s	(cm)			0,50			
	z_b	(cm)					0,70	
	z_{MI}	(cm)	1,0					
	$z_{pii,\alpha}$	(cm)	1,0					
	f_{awf}	(MHz)	5,0	5,2		5,2		5,2
Other Information	p_{rr}	(Hz)	774,9					
	s_{rr}	(Hz)	12,1					
	npps		64					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	428,2					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	508,1					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	725,1					
	p_r at z_{pii}	(MPa)	3,7					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Breast Breast 2.5 25 6.2							
Control 2	Breast Breast 1 2 150							
Control 3								
Control 4								

Control legend: Application, Preset, SV Depth (mm), SV Size(mm), Scale (cm/s)

LV16-5 COLOR DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,7	0,8		0,8		0,5
Index Component Value				0,8	0,8	0,8	0,8	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,8					
	P	(mW)		17,5		17,5		20,0
	P_{1x1}	(mW)		17,5		17,5		
	z_s	(cm)						
	z_b	(cm)						
	z_{MI}	(cm)	1,2					
	$z_{pii,\alpha}$	(cm)	1,2					
	f_{awf}	(MHz)	5,2	9,1		9,1		7,6
Other Information	p_{rr}	(Hz)	390,0					
	s_{rr}	(Hz)	10,0					
	npps		39					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	224,4					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	100,9					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	549,2					
	p_r at z_{pii}	(MPa)	4,6					
Operation control conditions	Control 1		x					
	Control 2			x		x		
	Control 3							x
	Control 4							
Control 1	Breast Breast OFF THI PEN small* 25.7 1600 22							
	Breast Breast 7 RES HD 2 13.8 1 10 9.28							
Control 2	General General OFF THI PEN small* 63.3 1660 22							
	General General 68 RES HD 15 13.8 53.3 10 9.1306							
Control 3	Breast Breast OFF THI PEN small* 63.3 1600 22							
	Breast Breast 68 GEN MED 51 13.8 53.3 10 9.4406							
Control 4	Breast Breast OFF THI PEN small* 63.3 1600 22							
	Breast Breast 68 GEN MED 51 13.8 53.3 10 9.4406							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ
* Small can't be set in this version of software, the values on the system are lower than that of the table.

LV16-5 SWE

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,8	1,6		1,6		1,1
Index Component Value				1,6	0,7	1,6	1,4	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,8					
	P	(mW)		56,6		56,6		56,6
	P_{1x1}	(mW)		56,6		56,6		
	z_s	(cm)			0,00			
	z_b	(cm)					0,00	
	z_{MI}	(cm)	1,1					
	$z_{pii,\alpha}$	(cm)	1,1					
	f_{awf}	(MHz)	4,5	6,5		6,5		6,5
Other Information	p_{rr}	(Hz)	513,7					
	s_{rr}	(Hz)	1,2					
	npps		411					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	226,6					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	334,1					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	1046,9					
	p_r at z_{pii}	(MPa)	3,9					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	Breast Breast2 OFF THI PEN small* 25.7 1600 22							
	Breast Breast2 RES 14 5 10 20.0533							
Control 2	General General OFF THI PEN medium* 49.2 1660 40							
	General General GEN 6.8 20 24.8 20.1405							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
SWE control legend: Application, Preset, SWE Optimization, box position (mm): X, Z (depth), box size (mm): DX, DZ

* The small and medium sector size can't be reach on this version of software. The values in the system are less than this table.

LV16-5 B-MODE + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,5	0,8		2,2		1,2
Index Component Value				0,8	0,6	0,7	2,2	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,2					
	P	(mW)		28,8		27,6		15,1
	P_{1x1}	(mW)		28,8		27,6		
	z_s	(cm)			0,00			
	z_b	(cm)					0,20	
	z_{MI}	(cm)	1,0					
	$z_{pii,\alpha}$	(cm)	1,0					
	f_{awf}	(MHz)	5,0	10,4		10,4		10,1
Other Information	p_{rr}	(Hz)	823,4					
	s_{rr}	(Hz)	6,1					
	npps		136					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	428,2					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	517,1					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	807,8					
	p_r at z_{pii}	(MPa)	3,7					
Operation control conditions	Control 1		x					
	Control 2			x				
	Control 3					x		
	Control 4							x
Control 1	Breast Breast OFF FUND PEN small* 30.4 1600 4 7 14 22							
	Breast Breast 2.5 25 6.2							
Control 2	General General OFF FUND PEN small* 68 1660 4 7 14 22							
	General General 2.5 63 64.8							
Control 3	Breast Breast OFF FUND PEN small* 68 1600 4 7 14 22							
	Breast Breast 1 2 170							
Control 4	Breast Breast OFF FUND PEN small* 68 1600 4 7 14 22							
	Breast Breast 1 2 170							

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
D Control legend: Application, Preset, SV Depth (mm), SV Size(mm), Scale (cm/s)
* The small sector size can't be reach on this version of software. The values in the system are less than this table.

LV16-5 B-MODE + COLOR DOPPLER + PW DOPPLER

Index Label			MI	TIS		TIB		TIC
				At surface	Below surface	At surface	Below surface	
Maximum Index Value			1,1	0,4		1,4		1,1
Index Component Value				0,4	0,3	0,4	1,4	
Associated Acoustic Parameters	$p_{r,\alpha}$ at z_{MI}	(Mpa)	3,0					
	P	(mW)		12,7		12,7		12,7
	P_{1x1}	(mW)		12,7		12,7		
	z_s	(cm)			0,00			
	z_b	(cm)					0,20	
	z_{MI}	(cm)	1,0					
	$z_{pii,\alpha}$	(cm)	1,0					
	f_{awf}	(MHz)	7,6	9,6		9,6		9,6
Other Information	p_{rr}	(Hz)	613,2					
	s_{rr}	(Hz)	1,2					
	npps		532					
	$I_{pa,\alpha}$ at $z_{pii,\alpha}$	(W/cm^2)	408,2					
	$I_{spta,\alpha}$ at $z_{pii,\alpha}$ or at $z_{sii,\alpha}$	(mW/cm^2)	29,4					
	I_{spta} at z_{pii} or at z_{sii}	(mW/cm^2)	75,3					
	p_r at z_{pii}	(MPa)	3,6					
Operation control conditions	Control 1		x					
	Control 2			x		x		x
	Control 3							
	Control 4							
Control 1	General General OFF FUND PEN small 25.7 1660 4							
	General General 14 GEN HD 4 12.8 1 12 14.94							
	General General 0.5 2 6.2							
Control 2	General General OFF FUND PEN small 68 1660 4							
	General General 14 GEN HD 72 12.8 1 12 14.94							
	General General 0.5 2 190							
Control 3								
Control 4								

Control legend for discrete components (following order of display):
B control legend: Application, Preset, B compound, B harmonic, Optimization, sector size, depth (mm) ,SOS (m/s), Focus (mm)
rD control legend: Application, Preset, focal, rD Optimization, Boost, scale (cm/s),box position (mm): X, Z (depth), box size (mm): DX, DZ
D Control legend: Application, Preset, SV Depth (mm), SV Size(mm), Scale (cm/s)
* The small sector size can't be reach on this version of software. The values in the system are less than this table.

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