\\USER\Feinberglab\Common\Standard\localizer_200V_nova

Voxel size: 1.2x1.1x3.0 mm Rel. SNR: 1.00

SIEMENS: gre

PAT: Off

TA: 0:27

Properties		Phase resolution	90 %
Prio Recon	Off	Phase partial Fourier	6/8
Before measurement	.	Interpolation	On
After measurement		PAT mode	None
Load to viewer	On		
Inline movie	Off	Image Filter	Off
Auto store images	On	Distortion Corr.	Off
Load to stamp segments	Off	Prescan Normalize	Off
Load images to graphic	Off	Normalize	Off
segments	Oli	B1 filter	Off
	Off	Raw filter	Off
Auto open inline display	Off	Elliptical filter	Off
Start measurement without	On	1 .	
further preparation	0"	Geometry	
Wait for user to start	Off	Multi-slice mode	Sequential
Start measurements	single	Series	Interleaved
Routine		Saturation mode	Standard
Slice group 1			None
Slices	5	Special sat.	
Dist. factor	20 %	T-bl	
Position	Isocenter	Table position	Н
		Table position	0 mm
Orientation	Sagittal	Inline Composing	Off
Phase enc. dir.	A >> P	Tim CT mode	Off
Rotation	0.00 deg	Tim CT mode	Oli
Slice group 2	_	System	
Slices	5	T1	On
Dist. factor	20 %	M2	On
Position	Isocenter	B4	On
Orientation	Coronal	M3	On
Phase enc. dir.	R >> L	V32	Off
Rotation	0.00 deg		
Slice group 3	-	Positioning mode	FIX
Slices	5	MSMA	S - C - T
Dist. factor	20 %	Sagittal	R >> L
Position	Isocenter	Coronal	A >> P
Orientation	Transversal	Transversal	F >> H
Phase enc. dir.	A >> P	Save uncombined	On
Rotation	0.00 deg	Coil Combine Mode	Sum of Squares
Phase oversampling	0.00 deg 0 %	AutoAlign	
l		Auto Coil Select	Off
FoV read	280 mm		
FoV phase	100.0 %	Shim mode	Tune up
Slice thickness	3.0 mm	Adjust with body coil	Off
TR	10.0 ms	Confirm freq. adjustment	Off
TE	3.00 ms	Assume Silicone	Off
Averages	1	! Ref. amplitude 1H	200.000 V
Concatenations	15	Adjustment Tolerance	Auto
Filter	None	Adjust volume	. 1010
Coil elements	B4;M2,3;T1	Position	Isocenter
Contrast		Orientation	Transversal
TD	0 ms	Rotation R >> L	0.00 deg
MTC	Off		350 mm
Magn. preparation	None	A >> P	263 mm
Flip angle	10 deg	F >> H	350 mm
Fat suppr.	None	Physio	
Water suppr.	None	1st Signal/Mode	None
SWI	Off	Segments	1
Averaging mode	Chart tarm	Jeginents	
Averaging mode	Short term	Tagging	None
Reconstruction	Magnitude	Dark blood	Off
Measurements	1		
Multiple series	Each measurement	Resp. control	Off
Resolution		Inline	
Base resolution	256	Subtract	Off
Dase resultition	200	Gubliact	Oil

Liver registration Std-Dev-Sag Std-Dev-Cor Std-Dev-Tra Std-Dev-Time MIP-Sag MIP-Cor MIP-Tra MIP-Time Save original images	Off
Wash - In Wash - Out TTP PEI MIP - time MapIt Contrasts	Off Off Off Off Off Off Off Incomplete the content of the content

Sequence

Introduction Dimension Phase stabilisation Asymmetric echo Bandwidth	On 2D Off Allowed 320 Hz/Px
Flow comp.	No
RF pulse type Gradient mode Excitation RF spoiling	Normal Whisper Slice-sel. On

\\USER\Feinberglab\Common\Standard\mp2rage_0.7mm_TR4500

TA: 9:06 PAT: 3	Voxel size: 0.7×0.7×0.7 mm	Rel. SNR: 1.00 USER	: mp2rage_wip602B
Properties		Image Filter	Off
	0#	Distortion Corr.	Off
Prio Recon	Off	Prescan Normalize	Off
Before measurement		Normalize	Off
After measurement		B1 filter	Off
Load to viewer	On	Raw filter	Off
Inline movie	Off	Elliptical filter	Off
Auto store images	On	Elliptical filter	Oli
Load to stamp segments	Off	Geometry	
Load images to graphic	Off	Multi-slice mode	Single shot
segments		Series	Interleaved
Auto open inline display	Off		
Start measurement without	On	Table position	Н
further preparation	011		
Wait for user to start	On	Table position	0 mm
	_	Inline Composing	Off
Start measurements	single	System	
Routine		T1	On
Slab group 1		M2	On
Slab group 1	1		
		B4	On
Dist. factor	50 %	M3	On
Position	R4.2 A31.7 F28.2	V32	Off
Orientation	Sagittal	Positioning mode	FIX
Phase enc. dir.	H >> F		S - C - T
Rotation	90.00 deg	MSMA	
Phase oversampling	0 %	Sagittal	R >> L
Slice oversampling	7.1 %	Coronal	A >> P
Slices per slab	224	Transversal	F >> H
FoV read	224 mm	Save uncombined	Off
FoV phase	90.6 %	Coil Combine Mode	Adaptive Combine
Slice thickness	0.70 mm	AutoAlign	
	4500 ms	Auto Coil Select	Default
TR			
TE	3.37 ms	Shim mode	Standard
Averages	1	Adjust with body coil	Off
Concatenations	1	Confirm freq. adjustment	Off
Filter	None	Assume Silicone	Off
Coil elements	B4;M2,3;T1	! Ref. amplitude 1H	250.000 V
Contract		Adjustment Tolerance	Auto
Contrast		Adjust volume	71010
Magn. preparation	Non-sel. IR	! Position	R2.2 A24.9 F10.6
TI 1	1000 ms		
TI 2	3200 ms	! Orientation	Sagittal
Flip angle 1	4 deg	! Rotation	0.00 deg
Flip angle 2	4 deg	! F >> H	126 mm
Fat suppr.	Water excit. fast	! A >> P	165 mm
Water suppr.	None	! R >> L	127 mm
2nd Inversion-Contrast	On	Physio	
		•	
Averaging mode	Long term	1st Signal/Mode	None
Reconstruction	Magnitude	Dark blood	Off
Measurements	1		— OII
Multiple series	Each measurement	Resp. control	Off
·	Euch mousurement	1	
Resolution		Inline	0"
Base resolution	320	Subtract	Off
Phase resolution	100 %	Std-Dev-Sag	Off
Slice resolution	100 %	Std-Dev-Cor	Off
Phase partial Fourier	Off	Std-Dev-Tra	Off
Slice partial Fourier	6/8	Std-Dev-Time	Off
Interpolation	Off	MIP-Sag	Off
	∵	MIP-Cor	Off
PAT mode	GRAPPA	MIP-Tra	Off
Accel. factor PE	3	MIP-Time	Off
Ref. lines PE	36		_
Accel. factor 3D	1	Save original images	On
Reference scan mode	Integrated		
Treference scall illoue	miegraieu	Sequence	

Introduction	On
Dimension	3D
Elliptical scanning	Off
Asymmetric echo	Off
Contrasts	1
Bandwidth	200 Hz/Px
Flow comp.	Slice
Echo spacing	8.3 ms
RF pulse type	Fast
Gradient mode	Fast
Excitation	Non-sel.
RF spoiling	On
FFT Scale Factor	200 %
Line/Partition Swap	Off
Homodyne Phase Filter	Off
Flat Image	On
T1 Map	On
Division Image	Off
ExtInvPulseOn	On
OffResFreqInv	0
Invflipangle	970

\\USER\Feinberglab\Common\Standard\b1map_200V_TR1000_nova

TA: 1:09	Voxel size: 3.9×3.9×5.0 mn	n Rel. SNR: 1.00 USER	_ : b1map_658
Properties		M3 - V32	On Off
Prio Recon Before measurement After measurement Load to viewer Inline movie Auto store images Load to stamp segments Load images to graphic segments Auto open inline display	Off On Off On Off Off Off	Positioning mode MSMA Sagittal Coronal Transversal Save uncombined Coil Combine Mode AutoAlign Auto Coil Select	FIX S - C - T R >> L A >> P F >> H Off Adaptive Combine Default
Start measurement without further preparation Wait for user to start Start measurements Routine	On Off single	Shim mode Adjust with body coil Confirm freq. adjustment Assume Silicone ! Ref. amplitude 1H	Tune up Off Off Off 200.000 V
Slice group 1 Slices Dist. factor Position Orientation Phase enc. dir. Rotation FoV read FoV phase	10 100 % R0.7 A36.4 H11.5 Transversal A >> P 0.00 deg 250 mm 100.0 %	Adjustment Tolerance Adjust volume Position Orientation Rotation R >> L A >> P F >> H	Auto Isocenter Transversal 0.00 deg 350 mm 263 mm 350 mm
Slice thickness TR TE 1 TE 2	5 mm 1000 ms 14 ms 14 ms	Composing Sequence Contrasts Bandwidth	2 260.416667 Hz/Px
Averages Filter Coil elements	1 None B4;M2,3;T1	T1 Compensation Mean T1 Angles	Mean T1 1000.0 ms 1
Contrast Flip angle 1 Flip angle 2 Flip angle 3 Flip angle 4 Flip angle 5	90 deg 120 deg 60 deg 135 deg 45 deg	Amplitude Weighting Scale Bar Raw Data	Linear Enabled Disabled
Measurements Resolution	1		
Base resolution Phase resolution	64 100 %	-	
Raw filter Geometry	Off	_	
Series Navigator 1	Interleaved	-	
Position Orientation Rotation Base size phase Base size read Thickness	R2.0 P26.3 F10.8 Transversal 0.00 deg 50 mm 119 mm 50 mm		
Table position Table position Inline Composing	H 0 mm Off		
System T1 M2 B4	On On On	5/6	

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