

SIEMENS MAGNETOM Investigational\_Device\_7T syngo MR B17

\\USER\TA\_VB17\MiriJuliPieri\T2star\FLASH\_3D\_4echos\_high\_res

TA: 26:12 PAT: 2 Voxel size: 0.5x0.5x0.5 mm Rel. SNR: 1.00 USER: AS\as\_gre

Properties

Prio Recon	Off
Before measurement	
After measurement	
Load to viewer	On
Inline movie	Off
Auto store images	On
Load to stamp segments	Off
Load images to graphic segments	Off
Auto open inline display	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slab group 1	
Slabs	1
Dist. factor	20 %
Position	R3.0 A24.2 F22.4
Orientation	Transversal
Phase enc. dir.	R >> L
Rotation	90.00 deg
Phase oversampling	0 %
Slice oversampling	11.1 %
Slices per slab	288
FoV read	192 mm
FoV phase	84.4 %
Slice thickness	0.50 mm
TR	44 ms
TE 1	9.18 ms
TE 2	17.33 ms
TE 3	25.49 ms
TE 4	33.65 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	A24

Contrast

MTC	Off
Magn. preparation	None
Flip angle	14 deg
Fat suppr.	None
Water suppr.	None
SWI	Off
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	384
Phase resolution	100 %
Slice resolution	100 %
Phase partial Fourier	Off
Slice partial Fourier	6/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Accel. factor 3D	1
Reference scan mode	Integrated

Image Filter	Off
Distortion Corr.	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved
Saturation mode	Standard
Special sat.	None
Table position	H
Table position	0 mm
Inline Composing	Off
Tim CT mode	Off

System

A24	On
V24	Off
Positioning mode	REF
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Sum of Squares
AutoAlign	---
Auto Coil Select	Off
Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Silicone	Off
? Ref. amplitude 1H	0.000 V
Adjustment Tolerance	Auto
Adjust volume	
Position	R3.0 A24.2 F22.4
Orientation	Transversal
Rotation	90.00 deg
A >> P	192 mm
R >> L	162 mm
F >> H	144 mm

Physio

1st Signal/Mode	None
Segments	1
Tagging	None
Dark blood	Off
Resp. control	Off

Inline

Subtract	Off
Liver registration	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off

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MIP-Time	Off
Save original images	On
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Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
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MapIt	None
Contrasts	4

Sequence

Introduction	On
Dimension	3D
Elliptical scanning	On
Phase stabilisation	On
Asymmetric echo	Off
Bandwidth 1	200 Hz/Px
Bandwidth 2	200 Hz/Px
Bandwidth 3	200 Hz/Px
Bandwidth 4	200 Hz/Px
Flow comp. 1	Yes
Flow comp. 2	No
Flow comp. 3	No
Flow comp. 4	No
Readout mode	Monopolar
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RF pulse type	Fast
Gradient mode	Whisper
Excitation	Slab-sel.
RF spoiling	On
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length exc pulse	3000 us
Ernst Angle?	On
T1	1500 ms
FFT scale factor	3.0