

SIEMENS MAGNETOM Investigational_Device_7T syngo MR B17

\\USER\INVESTIGATORS\Jyrki\2019_01_09__FFFB003\ep3d_bold_WIP1080

TA: 12:31 PAT: 4 Voxel size: 1.0x1.0x1.0 mm Rel. SNR: 1.00 USER: ep3d_bold_WIP1080

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	On
Start measurements	single

Routine

Slab group 1	
Slabs	1
Dist. factor	50 %
Position	L4.0 A30.8 F20.2
Orientation	T > C-18.4 > S-1.1
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	0 %
Slice oversampling	18.2 %
Slices per slab	44
FoV read	192 mm
FoV phase	100.0 %
Slice thickness	1.00 mm
TR	59 ms
TE	30 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	H12-18,21-28,31-38,41-48

Contrast

MTC	Off
Flip angle	14 deg
Fat suppr.	None
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	241
Delay in TR	0 ms
Multiple series	Off

Resolution

Base resolution	192
Phase resolution	100 %
Slice resolution	100 %
Phase partial Fourier	Off
Slice partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	4
Ref. lines PE	48
Accel. factor 3D	1
Ref. lines 3D	24
Reference scan mode	Separate
Distortion Corr.	Off
Prescan Normalize	Off
Raw filter	On

Elliptical filter	Off
Hamming	Off

Geometry

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

System

TXH	Off
H12	On
H13	On
H14	On
H15	On
H16	On
H17	On
H18	On
H21	On
H22	On
H23	On
H24	On
H25	On
H26	On
H27	On
H28	On
H31	On
H32	On
H33	On
H34	On
H35	On
H36	On
H37	On
H38	On
H41	On
H42	On
H43	On
H44	On
H45	On
H46	On
H47	On
H48	On

Positioning mode	FIX
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	---
Auto Coil Select	Default

Shim mode	Standard
Confirm freq. adjustment	Off
Assume Silicone	Off
? Ref. amplitude 1H	0.000 V
Adjustment Tolerance	Auto
Adjust volume	
Position	L4.0 A30.8 F20.2
Orientation	T > C-18.4 > S-1.1
Rotation	0.00 deg
R >> L	192 mm
A >> P	192 mm

F >> H	44 mm
Physio	
1st Signal/Mode	None
BOLD	
Motion correction	Off
Spatial filter	Off
Sequence	
Introduction	Off
Dimension	3D
Reordering	Linear
Contrasts	1
Bandwidth	1628 Hz/Px
Free echo spacing	Off
Echo spacing	1 ms
EPI factor	192
RF pulse type	Normal
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	On
Use Ernst angle?	Off
Log physio?	Off
FFT scale	1.00
RF duration	2560 us
RF BWTP	25.0
EFFECTIVE TR	3068 ms
PatPartitions	52
EPI phase correction	local
PAT refscan mode	Flash
FlashRef BaseRes	192
FlashRef BW	1000 Hz/px
FlashRef TE	1900 us
FlashRef FA	5 deg
use CAIPI	On
CAIPI shift kz	0
CAIPI shift ky	1
dummy prepscan time	3 s