

SIEMENS MAGNETOM Investigational_Device_7T syngo MR B17

\\USER\Jen\motor\PROTOCOL\MOTOR PRACTICE				
TA: 17:00	PAT: 3	Voxel size: 0.9x0.9x1.5 mm	Rel. SNR: 1.00	USER: ep2d_bold_sine_676b

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

Slice group 1	
Slices	37
Dist. factor	60 %
Position	R3.5 A11.5 H17.3
Orientation	T > C-3.4
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	0 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	1.5 mm
TR	3000 ms
TE	28 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	A32

Contrast

MTC	Off
Flip angle	70 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	337
Delay in TR	0 ms
Multiple series	Off

Resolution

Base resolution	234
Phase resolution	100 %
Phase partial Fourier	6/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	36
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

V32	Off
A32	On
Positioning mode	FIX
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Auto Coil Select	Default

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	R3.5 A11.8 H18.3
! Orientation	T > C-2.5
! Rotation	0.00 deg
! R >> L	200 mm
! A >> P	200 mm
! F >> H	106 mm

Physio

1st Signal/Mode	None
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BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Starting ignore meas	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Meas[1]	Baseline
Meas[2]	Baseline
Meas[3]	Baseline
Meas[4]	Baseline
Meas[5]	Baseline
Meas[6]	Baseline
Meas[7]	Baseline
Meas[8]	Baseline
Meas[9]	Baseline
Meas[10]	Baseline
Meas[11]	Active
Meas[12]	Active
Meas[13]	Active
Meas[14]	Active
Meas[15]	Active
Meas[16]	Active
Meas[17]	Active
Meas[18]	Active
Meas[19]	Active
Meas[20]	Active
Motion correction	On
Interpolation	3D-K-space

Spatial filter Off

Sequence

Introduction	Off
Bandwidth	1124 Hz/Px
Echo spacing	1 ms

EPI factor	234
RF pulse type	Normal
Gradient mode	Fast*

iPAT reference mode	Single Shot
iPAT ref. averages	1
Readout type	Trapezoidal
Phase correction	Local
FatSat flip angle	110 deg
RF pulse type	Sinc
Excitation length	3072 us
BW-Time product	5.22
FFT factor	1.00