

SIEMENS MAGNETOM Investigational_Device_7T syngo MR B17

\\USER\Luesebrink\SciDatExt\rs-fMRI\hm_fg_ep2d_xp_psf_1.8iso_PAT3_MC

TA: 1:41 PAT: 3 Voxel size: 1.8x1.8x1.8 mm Rel. SNR: 1.00 USER: fg_ep2d_xpace_psf_20180306

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	68
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	0 %
FoV read	198 mm
FoV phase	100.0 %
Slice thickness	1.80 mm
TR	3100 ms
TE	20.0 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	A32

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
FatSat flip angle	60
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Delay in TR	0 ms

Resolution

Base resolution	110
Phase resolution	100 %
Phase partial Fourier	6/8
Part. Fourier algorithm	Adv. (POCS)
Sinc BW-time-prod.	2.6
Elongate RF-Pulse	1.00
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	48
iPAT Reference Mode	FLASH
Distortion Corr.	Off
Prescan Normalize	Off
Raw filter	Off
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	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	Default
Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Silicone	Off
Repeated freq. adjust	On
? Ref. amplitude 1H	0.000 V
Adjustment Tolerance	Auto
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
R >> L	198 mm
A >> P	198 mm
F >> H	123 mm

Physio

1st Signal/Mode	None
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Diff

Diffusion mode	Read
Diff. weightings	1
b-value	0 s/mm ²
Noise level	40
Diff. directions	1

Sequence

Introduction	Off
Asymmetric echo	Off
Bandwidth	2272 Hz/Px
Readout Type	Trapezoidal
Free echo spacing	Off
Echo spacing	0.56 ms
EPI factor	110
Gradient mode	Fast
RF spoiling	On
PSF rFOV Factor	4
EPI-PSF Accel. Factor	1
EPI-PSF Ref Lines	8
PSF Wait for Recon	On
PSF Late Combination	Off
Phase Corr Across Seg	On

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PSF Hanning Filter	Off
PSF Mode	Grad. Echo
Navigator Shift Time	0 us
PSF ICE Threads	Auto
PSF ICE Recon	EPI-PSF(MI)
XPACE MoCo	per Slice
Position Locking	Create New
Fast Wake Up Time	2500 us
Slow Wake Up Time	200000 us
Pace Source	MPT

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\\USER\Luesebrink\SciDatExt\rs-fMRI\hm_fg_ep2d_xp_bold_1.8iso_PAT3_MC

TA: 1:02:24 PAT: 3 Voxel size: 1.8x1.8x1.8 mm Rel. SNR: 1.00 USER: fg_ep2d_xpace

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	68
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	0 %
FoV read	198 mm
FoV phase	100.0 %
Slice thickness	1.80 mm
TR	3100 ms
TE	20.0 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	A32

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
FatSat flip angle	60
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1200
Delay in TR	0 ms
Multiple series	Off

Resolution

Base resolution	110
Phase resolution	100 %
Phase partial Fourier	6/8
Part. Fourier algorithm	Adv. (POCS)
Sinc BW-time-prod.	2.6
Elongate RF-Pulse	1.00
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	48
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
Save uncombined	Off
Coil Combine Mode	Sum of Squares
AutoAlign	---
Auto Coil Select	Default
Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Silicone	Off
Repeated freq. adjust	On
? Ref. amplitude 1H	0.000 V
Adjustment Tolerance	Auto
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
R >> L	198 mm
A >> P	198 mm
F >> H	123 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	Off
Temp. highpass filter	Off
Threshold	4.00
Paradigm size	1
Meas	Baseline
Motion correction	Off
Spatial filter	Off

Sequence

Introduction	Off
Asymmetric echo	Off
Bandwidth	2272 Hz/Px
Readout Type	Trapezoidal
Free echo spacing	Off
Echo spacing	0.56 ms
Manual Dummy Scans	4
EPI factor	110
RF pulse type	Normal
Gradient mode	Fast

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RF spoiling	On
Trigger Volumes to Skip	0
Volumes Per Trigger	1
Trigger Duration	50 us
Trigger Channel	Osc 1
Navigator Shift Time	0 us
Log Physiologic Data	Off
PhaseCorr Across Seg	On
Mosaic	On
iPAT Reference Mode	FLASH
iPAT Ref. flip angle	5 deg
Trigger Mode	per Volume
PSF ICE Recon	EPI-PSF(MI)
XPACE MoCo	per Slice
Position Locking	Use/Create
Fast Wake Up Time	2500 us
Slow Wake Up Time	200000 us
Pace Source	MPT