

SIEMENS MAGNETOM Investigational_Device_7T syngo MR B17

\\USER\Oleg\32Channel\PSFDIFF_0.8iso\diff_psf_ne_flref_0.8iso_35slc_DW1

TA: 4:54 PAT: 2 Voxel size: 3.2x0.8x0.8 mm Rel. SNR: 1.00 USER: mi_ep2d_diff_psf_ne_flref

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

Slice group 1	
Slices	35
Dist. factor	0 %
Position	L0.0 A18.9 F13.5
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	0 %
FoV read	192 mm
FoV phase	100.0 %
Slice thickness	0.80 mm
TR	3560 ms
TE 1	49 ms
TE 2	74 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	100

Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Delay in TR	0 ms
Multiple series	Off

Resolution

Base resolution	240
Phase resolution	25 %
Phase partial Fourier	6/8
Part. Fourier algorithm	Standard
Sinc BW-time-prod.	3.2
Elongate RF-Pulse	2.00
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
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	SOS (default)
AutoAlign	Head > Brain
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	L0.0 A18.9 F13.5
Orientation	Transversal
Rotation	0.00 deg
R >> L	192 mm
A >> P	192 mm
F >> H	29 mm

Physio

1st Signal/Mode	None
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Diff

Diffusion mode	MDDW
Diff. weightings	2
b-value 1	0 s/mm ²
b-value 2	750 s/mm ²
Noise level	40
Diff. directions	12

Sequence

Introduction	Off
Asymmetric echo	Off
Contrasts	2
Bandwidth	1096 Hz/Px
Readout Type	Trapezoidal
Free echo spacing	Off
Echo spacing	1 ms
Manual Dummy Scans	0
EPI factor	60
Gradient mode	Fast
RF spoiling	Off
PSF rFOV Factor	3

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PSF Grappa Factor	1
PSF Grappa Ref Lines	12
PSF Wait for Recon	Off
PSF Late Combination	On
Phase Corr Across Seg	On
PSF Hanning Filter	Off
PSF Mode	Diffusion
DTI Directions	2
Increase PE in PSF-GE	4.0
Flip Phase Encoding	Off
PSF ICE Threads	4 (std)
PSF ICE Recon	Free(MI)
iPAT Reference Mode	FLASH
iPAT Ref. Bandwidth	1000 Hz/Px
iPAT Ref. flip angle	5 deg
iPAT Ref. TE	1.7 ms