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\\USER\Axmacher\Hippocampus_layers\functional\dzne_ep3d_fmri_pat4_708PF_450vols_r1

TA: 19:11 PM: FIX Voxel size: 0.8×0.8×0.8 mmPAT: 4 Rel. SNR: 1.00 : ep 7fc60e8

Properties

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graphic segments	Off
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	On
Start measurements	Single measurement

Routine

Slab group	1
Slabs	1
Position	L0.0 A0.5 F11.4 mm
Orientation	T > C15.5
Phase enc. dir.	A >> P
AutoAlign	---
Slab Scale	0 %
Slices per slab	40
FoV read	192 mm
FoV phase	100.0 %
Slice thickness	0.80 mm
TR	2500 ms
TE 1	28.40 ms
Averages	1
Multi-echo Shots	1
Filter	None
Coil elements	A32

Contrast - Common

TR	2500 ms
TE 1	28.40 ms
Multi-echo spacing	55.04 ms
MTC	Off
Magn. preparation	None
TI	900 ms
Flip angle	14 deg
Fat suppr.	None

Contrast - Dynamic

Averages	1
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	453
Pause after meas.	0.0 s

Resolution - Common

FoV read	192 mm
FoV phase	100.0 %
Slice thickness	0.80 mm
Base resolution	240
Phase resolution	100 %
Slice resolution	100 %
Phase partial Fourier	7/8
Slice partial Fourier	Off
Interpolation	Off

Resolution - iPAT

PAT mode	CAIPIRINHA
Acc. factor PE	4
Ref. lines PE	96
Acc. factor 3D	1
Ref. lines 3D	40
CAIPI 3D Shift	0
Reference Scan Mode	EPI/separate
CAIPIRINHA mode	Free

Resolution - Filter Image

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

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slab group	1
Slabs	1
Position	L0.0 A0.5 F11.4 mm
Orientation	T > C15.5
Phase enc. dir.	A >> P
Slab Scale	0 %
Slices per slab	40
FoV read	192 mm
FoV phase	100.0 %
Slice thickness	0.80 mm
TR	2500 ms
Multi-slice mode	Interleaved
Series	Ascending
Multi-echo Shots	1

Geometry - AutoAlign

Slab group	1
Position	L0.0 A0.5 F11.4 mm
Orientation	T > C15.5
Phase enc. dir.	A >> P
AutoAlign	---
Initial Position	L0.0 A0.5 F11.4
L	0.0 mm
A	0.5 mm
F	11.4 mm
Initial Rotation	0.00 deg
Initial Orientation	T > C
T > C	15.5
> S	0.0

Geometry - Saturation

Saturation mode	Standard
Fat suppr.	None

System - Miscellaneous

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T

System - Miscellaneous

Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
Save uncombined	Off
Matrix Optimization	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Tune up
B1 Shim mode	TrueForm
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

! Position	R2.1 A4.3 F12.7 mm
! Orientation	T > C15.5
! Rotation	0.00 deg
! A >> P	186 mm
! R >> L	147 mm
! F >> H	41 mm
Reset	Off

System - Tx/Rx

Frequency 1H	297.166637 MHz
Correction factor	1
Gain	Low
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Sequence - Part 1

Introduction	On
Dimension	3D
Elliptical scanning	Off
Reordering	Linear
Asymmetric echo	Off
Contrasts	1
Multi-slice mode	Interleaved
Echo spacing	1.04 ms
Bandwidth	1096 Hz/Px

Sequence - Part 2

EPI factor	52
Segmentation	1
RF pulse type	Normal
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	On

Sequence - Special

PATRef FA	12 deg
RF duration	1020 us
RF BWT product	25
Ernst T1	2000 ms
PATRef prep. shots	200
Volume dummy shots	0
Dummy Measurements	3
Integrated PC	On
Invert PE	Off
Min. TE if PF	On

Sequence - Special

Water Exc.	-none-
Phase Correction	per Shot
EPI rise time factor	1.10
Mosaic DICOMs	On
Modify IcePAT	Off

Sequence - Assistant

Mode	Off