

SIEMENS MAGNETOM TrioTim syngo MR B17

\\USER\RESEARCH\colcombe\MB_TRT_DAY1\DIFF_137_AP

TA: 5:58 PAT: Off Voxel size: 2.0x2.0x2.0 mm Rel. SNR: 1.00 USER: cmrr_mbep2d_diff

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	64
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	-0.00 deg
Phase oversampling	0 %
FoV read	212 mm
FoV phase	84.9 %
Slice thickness	2.00 mm
TR	2400 ms
TE	85 ms
Averages	1
Multi-band accel. factor	4
Filter	None
Coil elements	HEA;HEP

Contrast

MTC	On
Magn. preparation	None
Flip angle	90 deg
Refocus flip angle	180 deg
Fat suppr.	Fat sat.
Fat sat. mode	Weak

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

Resolution

Base resolution	106
Phase resolution	100 %
Phase partial Fourier	6/8
Interpolation	Off

PAT mode	None
Matrix Coil Mode	Auto (CP)

Distortion Corr.	Off
Prescan Normalize	Off
Raw filter	On
Elliptical filter	Off
Hamming	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Special sat.

None

System

Body	Off
HEP	On
HEA	On

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
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	Isocenter
Orientation	Transversal
Rotation	-0.00 deg
R >> L	212 mm
A >> P	180 mm
F >> H	128 mm

Physio

1st Signal/Mode None

Diff

Diffusion mode	Free
Diff. weightings	1
b-value	1500 s/mm ²
Diff. weighted images	On
Trace weighted images	On
Average ADC maps	On
Individual ADC maps	On
FA maps	On
Mosaic	On
Tensor	On
Noise level	40
Diff. directions	137

Sequence

Introduction	Off
Bandwidth	1814 Hz/Px
Optimization	Min. TE
Free echo spacing	Off
Echo spacing	0.69 ms

EPI factor	90
RF pulse type	Normal
Gradient mode	Fast

Excite pulse duration	2560 us
Refocus pulse duration	5120 us
Diffusion Scheme	Monopolar
Polarity alternation	On
Single-band images	Off
Log physiology to file	Off
Online multi-band recon.	Remote
FFT scale factor	1.00