

# SIEMENS MAGNETOM TrioTim syngo MR B17

\\USER\INVESTIGATORS\Buckner\PPG\_Project1\_MMem\MPRAGE-DIAN GRAPPA2

TA: 5:12    PAT: 2    Voxel size: 1.1x1.1x1.2 mm    Rel. SNR: 1.00    SIEMENS: tfl

### 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

Unfiltered images	On
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	Off

### Geometry

Multi-slice mode	Single shot
Series	Interleaved
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Set-n-Go Protocol	Off
Table position	H
Table position	0 mm
Inline Composing	Off

### Routine

Slab group 1	
Slabs	1
Dist. factor	50 %
Position	R3.0 A12.0 F18.0
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	0 %
Slice oversampling	0.0 %
Slices per slab	176
FoV read	270 mm
FoV phase	93.8 %
Slice thickness	1.20 mm
TR	2300 ms
TE	2.95 ms
Averages	1
Concatenations	1
Filter	Prescan Normalize
Coil elements	HEA;HEP

### System

Body	Off
HEP	On
HEA	On
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Positioning mode	REF
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
AutoAlign	Head > Brain Atlas
Auto Coil Select	Default
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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	R3.0 A12.0 F18.0
Orientation	Sagittal
Rotation	0.00 deg
F >> H	270 mm
A >> P	254 mm
R >> L	212 mm

### Contrast

Magn. preparation	Non-sel. IR
TI	900 ms
Flip angle	9 deg
Fat suppr.	None
Water suppr.	None
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Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

### Physio

1st Signal/Mode	None
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Dark blood	Off
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Resp. control	Off

### Resolution

Base resolution	256
Phase resolution	100 %
Slice resolution	100 %
Phase partial Fourier	Off
Slice partial Fourier	Off
Interpolation	Off
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PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	32
Accel. factor 3D	1
Matrix Coil Mode	Triple
Reference scan mode	Integrated
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Image Filter	Off
Distortion Corr.	Off

### Inline

Subtract	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

### Sequence

Introduction	On
Dimension	3D

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Elliptical scanning	Off
Asymmetric echo	Off
Bandwidth	240 Hz/Px
Flow comp.	No
Echo spacing	7 ms

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RF pulse type	Fast
Gradient mode	Normal
Excitation	Non-sel.
RF spoiling	On