

SIEMENS MAGNETOM Verio syngo MR B17

\\USER\DAVIS_RESEARCH\Zhaoyang\Carotid_ForTHU\MPRAGE

TA: 3:46

PAT: 2

Voxel size: 0.6×0.6×0.6 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

Routine

Slab group 1	
Slabs	1
Dist. factor	50 %
Position	R3.2 P4.0 H2.9
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	100 %
Slice oversampling	22.2 %
Slices per slab	72
FoV read	160 mm
FoV phase	100.0 %
Slice thickness	0.63 mm
TR	840 ms
TE	3.31 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Image Filter
Coil elements	CL;CR

Contrast

Magn. preparation	Non-sel. IR
TI	500 ms
Flip angle	15 deg
Fat suppr.	Water excit. normal
Water suppr.	None
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	100 %
Slice resolution	100 %
Phase partial Fourier	Off
Slice partial Fourier	6/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Accel. factor 3D	1
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	On

Intensity	Medium
Edge Enhancement	3
Smoothing	3
Unfiltered images	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	Off

Geometry

Multi-slice mode	Sequential
Series	Ascending
Table position	H
Table position	3 mm
Inline Composing	Off

System

Body	Off
HEP	Off
CR	On
CL	On
SP4	Off
SP2	Off
SP8	Off
SP6	Off
SP3	Off
SP1	Off
SP7	Off
SP5	Off

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	---
Auto Coil Select	Default

Shim mode	Standard
Adjust with body coil	On
Confirm freq. adjustment	Off
Assume Silicone	Off
? Ref. amplitude 1H	0.000 V
Adjustment Tolerance	Auto
Adjust volume	
Position	R3.2 P4.0 H2.9
Orientation	Coronal
Rotation	0.00 deg
F >> H	160 mm
R >> L	160 mm
A >> P	46 mm

Physio

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

Inline

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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
Elliptical scanning	Off
Asymmetric echo	Allowed
Bandwidth	330 Hz/Px
Flow comp.	No
Echo spacing	7.4 ms
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	On