## SIEMENS MAGNETOM TrioTim syngo MR B17

 $\verb|\USER\Conte|\Core|\ACTIVE\_Conte\_Core\_MRI\_Year2\\|\LOI\_2\_MB|$ 

USER: cmrr\_mbep2d\_bold

Voxel size: 2.5×2.5×2.5 mm Rel. SNR: 1.00

TA: 5:12

Properties		System	
Prio Recon	Off	Body	Off
Before measurement		HEP	On
After measurement		HEA	On
Load to viewer	On		
Inline movie	Off	Positioning mode	FIX
	On	Table position	Н
Auto store images		Table position	0 mm
Load to stamp segments	Off	MSMA	S - C - T
Load images to graphic	Off	Sagittal	R >> L
segments		Coronal	A >> P
Auto open inline display	Off		
Start measurement without	On	Transversal	F >> H
further preparation		Coil Combine Mode	Sum of Squares
Wait for user to start	On	Auto Coil Select	Default
Start measurements	single	China mada	Otendend
Start measurements	Sirigle	Shim mode	Standard
loutine		Adjust with body coil	Off
Slice group 1		Confirm freq. adjustment	Off
Slices	56	Assume Silicone	Off
		? Ref. amplitude 1H	0.000 V
Dist. factor	0 %	Adjustment Tolerance	Auto
Position	L0.0 A12.2 H27.1	Adjust volume	
Orientation	T > C-20.0	Position	I O O A 12 2 H27 4
Phase enc. dir.	A >> P		L0.0 A12.2 H27.1
Rotation	0.00 deg	Orientation	T > C-20.0
Phase oversampling	0 %	Rotation	0.00 deg
FoV read	200 mm	R >> L	200 mm
		A >> P	200 mm
FoV phase	100.0 %	F >> H	140 mm
Slice thickness	2.50 mm	ı	
TR	1000 ms	Physio	
TE	30.0 ms	1st Signal/Mode	None
Averages	1	1	
Multi-band accel. factor	4	BOLD	
Filter	None	GLM Statistics	Off
Coil elements	HEA;HEP	Dynamic t-maps	Off
Con elements	IILA,IILI	Starting ignore meas	0
Contrast		Ignore after transition	0
MTC	Off	Model transition states	On
Magn. preparation	None	Temp. highpass filter	On
Flip angle	60 deg	Temp. Highpass filler	_
	<u> </u>	Threshold	4.00
Fat suppr.	Fat sat.	Paradigm size	20
Averaging mode	Long term	Meas[1]	Baseline
Reconstruction		Meas[2]	Baseline
	Magnitude	Meas[3]	Baseline
Measurements	304	Meas[4]	Baseline
Delay in TR	0 ms	Meas[5]	Baseline
Multiple series	Off		
•		Meas[6]	Baseline
Resolution		Meas[7]	Baseline
Base resolution	80	Meas[8]	Baseline
Phase resolution	100 %	Meas[9]	Baseline
Phase partial Fourier	Off	Meas[10]	Baseline
Interpolation	Off	Meas[11]	Active
		Meas[12]	Active
PAT mode	None	Meas[12]	Active
Matrix Coil Mode	Auto (CP)	= =	
		Meas[14]	Active
Distortion Corr.	Off	Meas[15]	Active
Prescan Normalize	Off	Meas[16]	Active
Raw filter	On	Meas[17]	Active
Elliptical filter	Off	Meas[18]	Active
•		Meas[19]	Active
Hamming	Off		
Geometry		Meas[20]	Active
Multi-slice mode	Interleaved	Motion correction	Off
		Spatial filter	Off
Series	Interleaved	Coguesas	
Special sat.	None	Sequence	
Spoolal oat.	1 10110	Introduction	Off

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Bandwidth	2404 Hz/Px
Echo spacing	0.54 ms
EPI factor	80
RF pulse type	Normal
Gradient mode	Fast
Excite pulse duration Single-band images SENSE1 coil combine Log physiology to file Invert RO/PE polarity Online multi-band recon. FFT scale factor Use triggering paradigm Starting ignore meas Paradigm size Multiplier Step [1] Step [2]	8000 us Off Off Off Off Off Online 1.00 Off 0 2 1

## SIEMENS MAGNETOM TrioTim syngo MR B17

 $\verb|\USER\Conte|\Core|\ACTIVE\_Conte\_Core\_MRI\_Year2\\|$ 

SIEMENS: gre\_field\_mapping

Voxel size: 3.0×3.0×3.0 mm Rel. SNR: 1.00

TA: 0:54

Properties		Special sat.	None
Prio Recon	Off	System	
Before measurement		Body	Off
After measurement		HEP	On
Load to viewer	Off	HEA	On
Inline movie	Off	Positioning mode	FIX
Auto store images	On	Table position	H
Load to stamp segments	Off	Table position	0 mm
Load images to graphic	Off	MSMA	S - C - T
segments		Sagittal	R >> L
Auto open inline display	Off	Coronal	A >> P
Start measurement without	On	Transversal	F >> H
further preparation		Save uncombined	Off
Wait for user to start	On	Coil Combine Mode	Sum of Squares
Start measurements	single	Auto Coil Select	Default
Routine		—— Shim mode	Standard
Slice group 1		Adjust with body coil	Off
Slices	47	Confirm freq. adjustment	Off
Dist. factor	0 %	Assume Silicone	Off
Position	L0.0 A12.2 H27.1	? Ref. amplitude 1H	0.000 V
Orientation	T > C-20.0	Adjustment Tolerance	Auto
Phase enc. dir.	A >> P	Adjust volume	
Rotation	0.00 deg	Position	L0.0 A12.2 H27.1
Phase oversampling	0 %	Orientation	T > C-20.0
FoV read	192 mm	Rotation	0.00 deg
FoV phase	100.0 %	R >> L	192 mm
Slice thickness	3.0 mm	A >> P	192 mm
TR TE 1	400.0 ms 2.55 ms	F >> H	141 mm
TE 2	5.01 ms	Coguenes	
Averages	1	Sequence	On
Concatenations	1	Introduction Dimension	On 2D
Filter	Prescan Normalize	Asymmetric echo	Off
Coil elements	HEA;HEP	Contrasts	2
I		Bandwidth	501 Hz/Px
Contrast		Flow comp.	No
MTC	Off		
Flip angle	45 deg	RF pulse type	Normal
Fat suppr.	None	Gradient mode	Fast
Averaging mode	Short term	RF spoiling	On
Reconstruction	Magn./Phase		
Measurements	1		
Multiple series	Off		
Resolution			
Base resolution	64		
Phase resolution	100 %		
Phase partial Fourier	Off		
Interpolation	Off		
Matrix Coil Mode	Auto (CP)		
Image Filter	Off		
Distortion Corr.	Off		
Unfiltered images	Off		
Prescan Normalize	On		
Normalize	Off		
B1 filter	Off		
Raw filter	Off		
Elliptical filter	Off		
Geometry			
Multi-slice mode	Interleaved		
Series	Interleaved		