

# SIEMENS MAGNETOM TrioTim syngo MR B17

\USER\Research\MCBI\_TESTING\fMRI\_slice\_time\_test\Localizer T1 Based +TL\_5slab

TA: 0:21 PAT: 2 Voxel size: 1.0x1.0x3.5 mm Rel. SNR: 1.00 SIEMENS: tfl

Properties		Magn. preparation	Non-sel. IR
Prio Recon	Off	TI	1100 ms
Before measurement		Flip angle	12 deg
After measurement		Fat suppr.	None
Load to viewer	On	Water suppr.	None
Inline movie	Off	Averaging mode	Short term
Auto store images	On	Reconstruction	Magnitude
Load to stamp segments	Off	Measurements	1
Load images to graphic segments	Off	Multiple series	Each measurement
Auto open inline display	Off	Resolution	
Start measurement without further preparation	On	Base resolution	256
Wait for user to start	On	Phase resolution	100 %
Start measurements	single	Phase partial Fourier	Off
Routine		Interpolation	Off
Slice group 1		PAT mode	GRAPPA
Slices	1	Accel. factor PE	2
Dist. factor	50 %	Ref. lines PE	128
Position	L0.0 A35.0 H0.0	Matrix Coil Mode	Auto (Triple)
Orientation	Sagittal	Reference scan mode	Integrated
Phase enc. dir.	A >> P	Image Filter	Off
Rotation	0.00 deg	Distortion Corr.	Off
Slice group 2		Prescan Normalize	Off
Slices	1	Normalize	Off
Dist. factor	50 %	B1 filter	Off
Position	L0.0 A35.0 H0.0	Raw filter	Off
Orientation	Transversal	Elliptical filter	On
Phase enc. dir.	A >> P	Mode	Inplane
Rotation	0.00 deg	Geometry	
Slice group 3		Multi-slice mode	Single shot
Slices	1	Series	Ascending
Dist. factor	50 %	System	
Position	L0.0 A20.0 H0.0	Body	Off
Orientation	Coronal	HEP	On
Phase enc. dir.	R >> L	HEA	On
Rotation	0.00 deg	SP4	Off
Slice group 4		SP2	Off
Slices	3	SP8	Off
Dist. factor	20 %	SP6	Off
Position	L25.0 A35.0 H0.0	SP3	Off
Orientation	Sagittal	SP1	Off
Phase enc. dir.	A >> P	SP7	Off
Rotation	0.00 deg	SP5	Off
Slice group 5		Positioning mode	REF
Slices	3	Table position	H
Dist. factor	20 %	Table position	0 mm
Position	R25.0 A35.0 H0.0	MSMA	S - C - T
Orientation	Sagittal	Sagittal	R >> L
Phase enc. dir.	A >> P	Coronal	A >> P
Rotation	0.00 deg	Transversal	F >> H
Phase oversampling	0 %	Save uncombined	Off
FoV read	256 mm	Coil Combine Mode	Adaptive Combine
FoV phase	100.0 %	AutoAlign	---
Slice thickness	3.5 mm	Auto Coil Select	Default
TR	2330 ms	Contrast	
TE	3.17 ms	Shim mode	Tune up
Averages	1	Adjust with body coil	On
Concatenations	1	Confirm freq. adjustment	Off
Filter	Elliptical filter	Assume Silicone	Off
Coil elements	HEA;HEP	? Ref. amplitude 1H	0.000 V
		Adjustment Tolerance	Auto

# SIEMENS MAGNETOM TrioTim syngo MR B17

## Adjust volume

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
R >> L	350 mm
A >> P	263 mm
F >> H	350 mm

## Physio

1st Signal/Mode	None
Dark blood	Off
Resp. control	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	Off
Dimension	2D
Asymmetric echo	Allowed
Bandwidth	130 Hz/Px
Flow comp.	No
Echo spacing	7.9 ms
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On

# SIEMENS MAGNETOM TrioTim syngo MR B17

\USER\Research\MCBI\_TESTING\fMRI\_slice\_time\_test\fMRI\_2vol\_34sl\_int\_int

TA: 0:11 PAT: 2 Voxel size: 3.3x3.3x3.0 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

Properties		Multi-slice mode Series	Interleaved Interleaved
Prio Recon	Off	Special sat.	None
Before measurement	System		
After measurement	On	Body	Off
Load to viewer	Off	HEP	On
Inline movie	On	HEA	On
Auto store images	Off	Positioning mode	REF
Load to stamp segments	Off	Table position	H
Load images to graphic segments	Off	Table position	0 mm
Auto open inline display	Off	MSMA	S - C - T
Start measurement without further preparation	On	Sagittal	R >> L
Wait for user to start	Off	Coronal	A >> P
Start measurements	single	Transversal	F >> H
Routine	Coil Combine Mode		
Slice group 1	Sum of Squares	AutoAlign	---
Slices	34	Auto Coil Select	Default
Dist. factor	20 %	Shim mode	Standard
Position	Isocenter	Adjust with body coil	Off
Orientation	Transversal	Confirm freq. adjustment	Off
Phase enc. dir.	A >> P	Assume Silicone	Off
Rotation	0.00 deg	? Ref. amplitude 1H	0.000 V
Phase oversampling	0 %	Adjustment Tolerance	Auto
FoV read	208 mm	Adjust volume	
FoV phase	100.0 %	Position	Isocenter
Slice thickness	3.0 mm	Orientation	Transversal
TR	1850 ms	Rotation	0.00 deg
TE	30 ms	R >> L	208 mm
Averages	1	A >> P	208 mm
Concatenations	1	F >> H	122 mm
Filter	Raw filter	Physio	
Coil elements	HEA;HEP	1st Signal/Mode	None
Contrast	BOLD		
MTC	Off	GLM Statistics	Off
Flip angle	75 deg	Dynamic t-maps	Off
Fat suppr.	Fat sat.	Starting ignore meas	0
Averaging mode	Long term	Ignore after transition	0
Reconstruction	Magnitude	Model transition states	On
Measurements	2	Temp. highpass filter	On
Delay in TR	0 ms	Threshold	4.00
Multiple series	Off	Paradigm size	16
Resolution	Meas[1]		
Base resolution	64	Meas[2]	Baseline
Phase resolution	100 %	Meas[3]	Baseline
Phase partial Fourier	Off	Meas[4]	Baseline
Interpolation	Off	Meas[5]	Baseline
PAT mode	GRAPPA	Meas[6]	Baseline
Accel. factor PE	2	Meas[7]	Baseline
Ref. lines PE	32	Meas[8]	Baseline
Matrix Coil Mode	Auto (Triple)	Meas[9]	Baseline
Reference scan mode	Separate	Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Prescan Normalize	Off	Meas[12]	Active
Raw filter	On	Meas[13]	Active
Intensity	Weak	Meas[14]	Active
Slope	25	Meas[15]	Active
Elliptical filter	Off	Meas[16]	Active
Hamming	Off	Motion correction	Off
Geometry	Spatial filter		
		Sequence	

## SIEMENS MAGNETOM TrioTim syngo MR B17

Introduction	On
Bandwidth	2004 Hz/Px
Free echo spacing	Off
Echo spacing	0.58 ms
-----	
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

# SIEMENS MAGNETOM TrioTim syngo MR B17

\USER\Research\MCBI\_TESTING\fMRI\_slice\_time\_test\fMRI\_2vol\_34sl\_int\_des

TA: 0:11 PAT: 2 Voxel size: 3.3x3.3x3.0 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

Properties		Multi-slice mode Series	Interleaved Descending
Prio Recon	Off	Special sat.	None
Before measurement			System
After measurement		Body	Off
Load to viewer	On	HEP	On
Inline movie	Off	HEA	On
Auto store images	On	Positioning mode	FIX
Load to stamp segments	Off	Table position	H
Load images to graphic segments	Off	Table position	0 mm
Auto open inline display	Off	MSMA	S - C - T
Start measurement without further preparation	On	Sagittal	R >> L
Wait for user to start	Off	Coronal	A >> P
Start measurements	single	Transversal	F >> H
Routine		Coil Combine Mode	Sum of Squares
Slice group 1		AutoAlign	---
Slices	34	Auto Coil Select	Default
Dist. factor	20 %	Shim mode	Standard
Position	Isocenter	Adjust with body coil	Off
Orientation	Transversal	Confirm freq. adjustment	Off
Phase enc. dir.	A >> P	Assume Silicone	Off
Rotation	0.00 deg	? Ref. amplitude 1H	0.000 V
Phase oversampling	0 %	Adjustment Tolerance	Auto
FoV read	208 mm	Adjust volume	
FoV phase	100.0 %	Position	Isocenter
Slice thickness	3.0 mm	Orientation	Transversal
TR	1850 ms	Rotation	0.00 deg
TE	30 ms	R >> L	208 mm
Averages	1	A >> P	208 mm
Concatenations	1	F >> H	122 mm
Filter	Raw filter	Physio	
Coil elements	HEA;HEP	1st Signal/Mode	None
Contrast		BOLD	
MTC	Off	GLM Statistics	Off
Flip angle	75 deg	Dynamic t-maps	Off
Fat suppr.	Fat sat.	Starting ignore meas	0
Averaging mode	Long term	Ignore after transition	0
Reconstruction	Magnitude	Model transition states	On
Measurements	2	Temp. highpass filter	On
Delay in TR	0 ms	Threshold	4.00
Multiple series	Off	Paradigm size	16
Resolution		Meas[1]	Baseline
Base resolution	64	Meas[2]	Baseline
Phase resolution	100 %	Meas[3]	Baseline
Phase partial Fourier	Off	Meas[4]	Baseline
Interpolation	Off	Meas[5]	Baseline
PAT mode	GRAPPA	Meas[6]	Baseline
Accel. factor PE	2	Meas[7]	Baseline
Ref. lines PE	32	Meas[8]	Baseline
Matrix Coil Mode	Auto (Triple)	Meas[9]	Baseline
Reference scan mode	Separate	Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Prescan Normalize	Off	Meas[12]	Active
Raw filter	On	Meas[13]	Active
Intensity	Weak	Meas[14]	Active
Slope	25	Meas[15]	Active
Elliptical filter	Off	Meas[16]	Active
Hamming	Off	Motion correction	Off
Geometry		Spatial filter	Off
Sequence			

## SIEMENS MAGNETOM TrioTim syngo MR B17

Introduction	On
Bandwidth	2004 Hz/Px
Free echo spacing	Off
Echo spacing	0.58 ms
-----	
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

# SIEMENS MAGNETOM TrioTim syngo MR B17

\USER\Research\MCBI\_TESTING\fMRI\_slice\_time\_test\fMRI\_2vol\_34sl\_int\_asc

TA: 0:11 PAT: 2 Voxel size: 3.3x3.3x3.0 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

Properties		Multi-slice mode Series	Interleaved Ascending
Prio Recon	Off	Special sat.	None
Before measurement			System
After measurement		Body	Off
Load to viewer	On	HEP	On
Inline movie	Off	HEA	On
Auto store images	On	Positioning mode	FIX
Load to stamp segments	Off	Table position	H
Load images to graphic segments	Off	Table position	0 mm
Auto open inline display	Off	MSMA	S - C - T
Start measurement without further preparation	On	Sagittal	R >> L
Wait for user to start	Off	Coronal	A >> P
Start measurements	single	Transversal	F >> H
Routine		Coil Combine Mode	Sum of Squares
Slice group 1		AutoAlign	---
Slices	34	Auto Coil Select	Default
Dist. factor	20 %	Shim mode	Standard
Position	Isocenter	Adjust with body coil	Off
Orientation	Transversal	Confirm freq. adjustment	Off
Phase enc. dir.	A >> P	Assume Silicone	Off
Rotation	0.00 deg	? Ref. amplitude 1H	0.000 V
Phase oversampling	0 %	Adjustment Tolerance	Auto
FoV read	208 mm	Adjust volume	
FoV phase	100.0 %	Position	Isocenter
Slice thickness	3.0 mm	Orientation	Transversal
TR	1850 ms	Rotation	0.00 deg
TE	30 ms	R >> L	208 mm
Averages	1	A >> P	208 mm
Concatenations	1	F >> H	122 mm
Filter	Raw filter	Physio	
Coil elements	HEA;HEP	1st Signal/Mode	None
Contrast		BOLD	
MTC	Off	GLM Statistics	Off
Flip angle	75 deg	Dynamic t-maps	Off
Fat suppr.	Fat sat.	Starting ignore meas	0
Averaging mode	Long term	Ignore after transition	0
Reconstruction	Magnitude	Model transition states	On
Measurements	2	Temp. highpass filter	On
Delay in TR	0 ms	Threshold	4.00
Multiple series	Off	Paradigm size	16
Resolution		Meas[1]	Baseline
Base resolution	64	Meas[2]	Baseline
Phase resolution	100 %	Meas[3]	Baseline
Phase partial Fourier	Off	Meas[4]	Baseline
Interpolation	Off	Meas[5]	Baseline
PAT mode	GRAPPA	Meas[6]	Baseline
Accel. factor PE	2	Meas[7]	Baseline
Ref. lines PE	32	Meas[8]	Baseline
Matrix Coil Mode	Auto (Triple)	Meas[9]	Baseline
Reference scan mode	Separate	Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Prescan Normalize	Off	Meas[12]	Active
Raw filter	On	Meas[13]	Active
Intensity	Weak	Meas[14]	Active
Slope	25	Meas[15]	Active
Elliptical filter	Off	Meas[16]	Active
Hamming	Off	Motion correction	Off
Geometry		Spatial filter	Off
Sequence			

## SIEMENS MAGNETOM TrioTim syngo MR B17

Introduction	On
Bandwidth	2004 Hz/Px
Free echo spacing	Off
Echo spacing	0.58 ms
-----	
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

# SIEMENS MAGNETOM TrioTim syngo MR B17

\USER\Research\MCBI\_TESTING\fMRI\_slice\_time\_test\fMRI\_2vol\_33sl\_int\_int

TA: 0:11 PAT: 2 Voxel size: 3.3x3.3x3.0 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

Properties		Multi-slice mode Series	Interleaved
Prio Recon	Off	Special sat.	Interleaved
Before measurement		System	
After measurement		Body	Off
Load to viewer	On	HEP	On
Inline movie	Off	HEA	On
Auto store images	On	Positioning mode	FIX
Load to stamp segments	Off	Table position	H
Load images to graphic segments	Off	Table position	0 mm
Auto open inline display	Off	MSMA	S - C - T
Start measurement without further preparation	On	Sagittal	R >> L
Wait for user to start	Off	Coronal	A >> P
Start measurements	single	Transversal	F >> H
Routine		Coil Combine Mode	Sum of Squares
Slice group 1		AutoAlign	---
Slices	33	Auto Coil Select	Default
Dist. factor	20 %	Shim mode	Standard
Position	Isocenter	Adjust with body coil	Off
Orientation	Transversal	Confirm freq. adjustment	Off
Phase enc. dir.	A >> P	Assume Silicone	Off
Rotation	0.00 deg	? Ref. amplitude 1H	0.000 V
Phase oversampling	0 %	Adjustment Tolerance	Auto
FoV read	208 mm	Adjust volume	
FoV phase	100.0 %	Position	Isocenter
Slice thickness	3.0 mm	Orientation	Transversal
TR	1850 ms	Rotation	0.00 deg
TE	30 ms	R >> L	208 mm
Averages	1	A >> P	208 mm
Concatenations	1	F >> H	119 mm
Filter	Raw filter	Physio	
Coil elements	HEA;HEP	1st Signal/Mode	None
Contrast		BOLD	
MTC	Off	GLM Statistics	Off
Flip angle	75 deg	Dynamic t-maps	Off
Fat suppr.	Fat sat.	Starting ignore meas	0
Averaging mode	Long term	Ignore after transition	0
Reconstruction	Magnitude	Model transition states	On
Measurements	2	Temp. highpass filter	On
Delay in TR	0 ms	Threshold	4.00
Multiple series	Off	Paradigm size	16
Resolution		Meas[1]	Baseline
Base resolution	64	Meas[2]	Baseline
Phase resolution	100 %	Meas[3]	Baseline
Phase partial Fourier	Off	Meas[4]	Baseline
Interpolation	Off	Meas[5]	Baseline
PAT mode	GRAPPA	Meas[6]	Baseline
Accel. factor PE	2	Meas[7]	Baseline
Ref. lines PE	32	Meas[8]	Baseline
Matrix Coil Mode	Auto (Triple)	Meas[9]	Baseline
Reference scan mode	Separate	Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Prescan Normalize	Off	Meas[12]	Active
Raw filter	On	Meas[13]	Active
Intensity	Weak	Meas[14]	Active
Slope	25	Meas[15]	Active
Elliptical filter	Off	Meas[16]	Active
Hamming	Off	Motion correction	Off
Geometry		Spatial filter	Off
Sequence			

## SIEMENS MAGNETOM TrioTim syngo MR B17

Introduction	On
Bandwidth	2004 Hz/Px
Free echo spacing	Off
Echo spacing	0.58 ms
-----	
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

# SIEMENS MAGNETOM TrioTim syngo MR B17

\USER\Research\MCBI\_TESTING\fMRI\_slice\_time\_test\fMRI\_2vol\_33sl\_int\_des

TA: 0:11 PAT: 2 Voxel size: 3.3x3.3x3.0 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

Properties		Multi-slice mode Series	Interleaved Descending
Prio Recon	Off	Special sat.	None
Before measurement			System
After measurement		Body	Off
Load to viewer	On	HEP	On
Inline movie	Off	HEA	On
Auto store images	On	Positioning mode	FIX
Load to stamp segments	Off	Table position	H
Load images to graphic segments	Off	Table position	0 mm
Auto open inline display	Off	MSMA	S - C - T
Start measurement without further preparation	On	Sagittal	R >> L
Wait for user to start	Off	Coronal	A >> P
Start measurements	single	Transversal	F >> H
Routine		Coil Combine Mode	Sum of Squares
Slice group 1		AutoAlign	---
Slices	33	Auto Coil Select	Default
Dist. factor	20 %	Shim mode	Standard
Position	Isocenter	Adjust with body coil	Off
Orientation	Transversal	Confirm freq. adjustment	Off
Phase enc. dir.	A >> P	Assume Silicone	Off
Rotation	0.00 deg	? Ref. amplitude 1H	0.000 V
Phase oversampling	0 %	Adjustment Tolerance	Auto
FoV read	208 mm	Adjust volume	
FoV phase	100.0 %	Position	Isocenter
Slice thickness	3.0 mm	Orientation	Transversal
TR	1850 ms	Rotation	0.00 deg
TE	30 ms	R >> L	208 mm
Averages	1	A >> P	208 mm
Concatenations	1	F >> H	119 mm
Filter	Raw filter	Physio	
Coil elements	HEA;HEP	1st Signal/Mode	None
Contrast		BOLD	
MTC	Off	GLM Statistics	Off
Flip angle	75 deg	Dynamic t-maps	Off
Fat suppr.	Fat sat.	Starting ignore meas	0
Averaging mode	Long term	Ignore after transition	0
Reconstruction	Magnitude	Model transition states	On
Measurements	2	Temp. highpass filter	On
Delay in TR	0 ms	Threshold	4.00
Multiple series	Off	Paradigm size	16
Resolution		Meas[1]	Baseline
Base resolution	64	Meas[2]	Baseline
Phase resolution	100 %	Meas[3]	Baseline
Phase partial Fourier	Off	Meas[4]	Baseline
Interpolation	Off	Meas[5]	Baseline
PAT mode	GRAPPA	Meas[6]	Baseline
Accel. factor PE	2	Meas[7]	Baseline
Ref. lines PE	32	Meas[8]	Baseline
Matrix Coil Mode	Auto (Triple)	Meas[9]	Baseline
Reference scan mode	Separate	Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Prescan Normalize	Off	Meas[12]	Active
Raw filter	On	Meas[13]	Active
Intensity	Weak	Meas[14]	Active
Slope	25	Meas[15]	Active
Elliptical filter	Off	Meas[16]	Active
Hamming	Off	Motion correction	Off
Geometry		Spatial filter	Off
Sequence			

## SIEMENS MAGNETOM TrioTim syngo MR B17

Introduction	On
Bandwidth	2004 Hz/Px
Free echo spacing	Off
Echo spacing	0.58 ms
-----	
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

# SIEMENS MAGNETOM TrioTim syngo MR B17

\USER\Research\MCBI\_TESTING\fMRI\_slice\_time\_test\fMRI\_2vol\_33sl\_int\_asc

TA: 0:11 PAT: 2 Voxel size: 3.3x3.3x3.0 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

Properties		Multi-slice mode Series	Interleaved Ascending
Prio Recon	Off	Special sat.	None
Before measurement			System
After measurement		Body	Off
Load to viewer	On	HEP	On
Inline movie	Off	HEA	On
Auto store images	On	Positioning mode	FIX
Load to stamp segments	Off	Table position	H
Load images to graphic segments	Off	Table position	0 mm
Auto open inline display	Off	MSMA	S - C - T
Start measurement without further preparation	On	Sagittal	R >> L
Wait for user to start	Off	Coronal	A >> P
Start measurements	single	Transversal	F >> H
Routine		Coil Combine Mode	Sum of Squares
Slice group 1		AutoAlign	---
Slices	33	Auto Coil Select	Default
Dist. factor	20 %	Shim mode	Standard
Position	Isocenter	Adjust with body coil	Off
Orientation	Transversal	Confirm freq. adjustment	Off
Phase enc. dir.	A >> P	Assume Silicone	Off
Rotation	0.00 deg	? Ref. amplitude 1H	0.000 V
Phase oversampling	0 %	Adjustment Tolerance	Auto
FoV read	208 mm	Adjust volume	
FoV phase	100.0 %	Position	Isocenter
Slice thickness	3.0 mm	Orientation	Transversal
TR	1850 ms	Rotation	0.00 deg
TE	30 ms	R >> L	208 mm
Averages	1	A >> P	208 mm
Concatenations	1	F >> H	119 mm
Filter	Raw filter	Physio	
Coil elements	HEA;HEP	1st Signal/Mode	None
Contrast		BOLD	
MTC	Off	GLM Statistics	Off
Flip angle	75 deg	Dynamic t-maps	Off
Fat suppr.	Fat sat.	Starting ignore meas	0
Averaging mode	Long term	Ignore after transition	0
Reconstruction	Magnitude	Model transition states	On
Measurements	2	Temp. highpass filter	On
Delay in TR	0 ms	Threshold	4.00
Multiple series	Off	Paradigm size	16
Resolution		Meas[1]	Baseline
Base resolution	64	Meas[2]	Baseline
Phase resolution	100 %	Meas[3]	Baseline
Phase partial Fourier	Off	Meas[4]	Baseline
Interpolation	Off	Meas[5]	Baseline
PAT mode	GRAPPA	Meas[6]	Baseline
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Ref. lines PE	32	Meas[8]	Baseline
Matrix Coil Mode	Auto (Triple)	Meas[9]	Baseline
Reference scan mode	Separate	Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Prescan Normalize	Off	Meas[12]	Active
Raw filter	On	Meas[13]	Active
Intensity	Weak	Meas[14]	Active
Slope	25	Meas[15]	Active
Elliptical filter	Off	Meas[16]	Active
Hamming	Off	Motion correction	Off
Geometry		Spatial filter	Off
Sequence			

## SIEMENS MAGNETOM TrioTim syngo MR B17

Introduction	On
Bandwidth	2004 Hz/Px
Free echo spacing	Off
Echo spacing	0.58 ms
-----	
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

Table of contents

\USER

Research | MCBI\_TESTING  
| fMRI\_slice\_time\_test  
| Localizer T1 Based +TL\_5slab  
| fMRI\_2vol\_34sl\_int\_int  
| fMRI\_2vol\_34sl\_int\_des  
| fMRI\_2vol\_34sl\_int\_asc  
| fMRI\_2vol\_33sl\_int\_int  
| fMRI\_2vol\_33sl\_int\_des  
| fMRI\_2vol\_33sl\_int\_asc