

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\ICBM\PRODUCTION\ICBM3\Three Plane Loc-trufisp

Scan Time: 8.6 [s] Voxel size: 1.2x1.2x10.0 [mm] Rel. SNR: 1.00 SIEMENS: trufi

Routine

Slice group 1	
Slices	3
Dist. factor	100 [%]
Position	L0.0 A40.0 H30.0 [mm]
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Slice group 2	
Slices	3
Dist. factor	100 [%]
Position	L0.0 A40.0 H30.0 [mm]
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0 [deg]
Slice group 3	
Slices	3
Dist. factor	150 [%]
Position	L0.0 A40.0 H0.0 [mm]
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
FoV read	300 [mm]
FoV phase	100.0 [%]
Slice thickness	10 [mm]
TR	3.71 [ms]
TE	1.86 [ms]
Averages	1
Filter	Elliptical filter
Coil elements	PH1,PH2,PH3,...

Contrast

TD	0 [ms]
Magn. preparation	None
Flip angle	70 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Measurements	1

Resolution

Base resolution	256
Phase resolution	100 [%]
Phase partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	Off
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	On
Interpolation	0

PAT mode	None

Geometry

Multi-slice mode	Sequential
Series	Interleaved

System

Save uncombined	0
Scan at current TP	0
Scan region position	H
Scan region position	0 [mm]
MSMA	S - C - T

Sagittal	L >> R
Coronal	A >> P
Transversal	F >> H
8 Channel Head / PH5	1
8 Channel Head / PH6	1
8 Channel Head / PH7	1
8 Channel Head / PH8	1
CP Spine Array / SP3	0
CP Spine Array / SP4	0
CP Spine Array / SP5	0
CP Spine Array / SP6	0
CP Spine Array / SP1	0
CP Spine Array / SP2	0
8 Channel Head / PH1	1
8 Channel Head / PH2	1
8 Channel Head / PH3	1
8 Channel Head / PH4	1
Body	0

Shim mode	Tune up
Adjust with body coil	0
Confirm freq. adjustment	0
Assume Silicone	0
Ref. amplitude [1H]	180.000 [V]
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0 [deg]
R >> L	350 [mm]
A >> P	263 [mm]
F >> H	350 [mm]

Physio

1st Signal/Mode	None
Segments	1

Resp. control	Off

Inline

Subtract	0
Std-Dev-Sag	0
Std-Dev-Cor	0
Std-Dev-Tra	0
Std-Dev-Time	0
MIP-Sag	0
MIP-Cor	0
MIP-Tra	0
MIP-Time	0
Save original images	1

Sequence

Introduction	0
Dimension	2D
Averaging mode	Short term
Reordering	Linear
Asymmetric echo	Off
Bandwidth	592 [Hz/Px]

RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\ICBM\PRODUCTION\ICBM3\SAG DOUBLE ECHO

Scan Time: 8:30 Voxel size: 1.0x1.0x1.4 [mm] Rel. SNR: 1.00 SIEMENS: tse

Routine

Slice group 1	
Slices	126
Dist. factor	0 [%]
Position	R9.4 A1.5 F29.8 [mm]
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
FoV read	256 [mm]
FoV phase	100.0 [%]
Slice thickness	1.4 [mm]
TR	3300 [ms]
TE[1]	17 [ms]
TE[2]	100 [ms]
Averages	1
Concatenations	7
Filter	None
Coil elements	PH1,PH2,PH3,...

Contrast

TD	0 [ms]
MTC	0
Magn. preparation	None
Flip angle	180 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Fat sat. mode	Strong
Water suppr.	None
Measurements	1

Resolution

Base resolution	256
Phase resolution	100 [%]
Phase partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	Off
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	Off
Interpolation	0

PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	27

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Special sat.	None

System

Save uncombined	0
Scan at current TP	0
Scan region position	H
Scan region position	0 [mm]
MSMA	S - C - T
Sagittal	L >> R
Coronal	A >> P
Transversal	F >> H
8 Channel Head / PH5	1
8 Channel Head / PH6	1

8 Channel Head / PH7	1
8 Channel Head / PH8	1
CP Spine Array / SP3	0
CP Spine Array / SP4	0
CP Spine Array / SP5	0
CP Spine Array / SP6	0
CP Spine Array / SP1	0
CP Spine Array / SP2	0
8 Channel Head / PH1	1
8 Channel Head / PH2	1
8 Channel Head / PH3	1
8 Channel Head / PH4	1
Body	0

Shim mode	Tune up
Adjust with body coil	0
Confirm freq. adjustment	0
Assume Silicone	0
Ref. amplitude [1H]	180.000 [V]
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0 [deg]
R >> L	350 [mm]
A >> P	263 [mm]
F >> H	350 [mm]

Physio

1st Signal/Mode	None

Dark blood	0

Resp. control	Off

Inline

Subtract	0
Std-Dev-Sag	0
Std-Dev-Cor	0
Std-Dev-Tra	0
Std-Dev-Time	0
MIP-Sag	0
MIP-Cor	0
MIP-Tra	0
MIP-Time	0
Save original images	1

Sequence

Introduction	1
Dimension	2D
Compensate T2 decay	0
Averaging mode	Long term
Contrasts	2
Bandwidth	95 [Hz/Px]
Flow comp.	No
Allowed delay	10 [s]
Echo spacing	16.6 [ms]

Turbo factor	5
RF pulse type	Normal
Gradient mode	Fast

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\ICBM\PRODUCTION\ICBM3\ep2d_diff_WIP_96x96PAT

+ Scan Time: 3:52 Voxel size: 2.5x2.5x2.5 [mm] Rel. SNR: 1.00 USER: ep2d_diff

Routine

Slice group 1	
Slices	55
Dist. factor	0 [%]
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
FoV read	240 [mm]
FoV phase	100.0 [%]
Slice thickness	2.5 [mm]
TR	6400 [ms]
TE	83 [ms]
Averages	1
Concatenations	1
Filter	None
Coil elements	PH1,PH2,PH3,...

Contrast

MTC	0
Magn. preparation	None
Reconstruction	Magnitude
Fat suppr.	Fat sat.
Measurements	1
Delay in TR	0 [ms]

Resolution

Base resolution	96
Phase resolution	100 [%]
Phase partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	Off
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	Off
Interpolation	1

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	47

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Special sat.	None

System

Scan at current TP	1
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
8 Channel Head / PH1	1
8 Channel Head / PH2	1
8 Channel Head / PH3	1
8 Channel Head / PH4	1
8 Channel Head / PH5	1
8 Channel Head / PH6	1
8 Channel Head / PH7	1
8 Channel Head / PH8	1
Body	0

Shim mode	Standard
Adjust with body coil	0
Confirm freq. adjustment	0
Assume Silicone	0
Ref. amplitude [1H]	180.000 [V]
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0 [deg]
R >> L	240 [mm]
A >> P	240 [mm]
F >> H	138 [mm]

Physio

1st Signal/Mode	None
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Diff

Diffusion mode	Free
Diff. weightings	1
b-value	1000 [s/mm ²]
Diff. weighted images	1
Trace weighted images	0
Average ADC maps	0
Individual ADC maps	0
Noise level	40
Diff. directions	35

Sequence

Introduction	1
Averaging mode	Long term
Bandwidth	2368 [Hz/Px]
Free echo spacing	0
Echo spacing	0.51 [ms]

EPI factor	96
RF pulse type	Normal
Gradient mode	Fast*

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\ICBM\PRODUCTION\ICBM3\SAG MPRAGE 8 CHANNEL

Scan Time: 8:08 Voxel size: 1.0x1.0x1.0 [mm] Rel. SNR: 1.00 USER: tfl_scale

Routine

Slab group 1	
Slabs	1
Dist. factor	50 [%]
Position	L0.3 A51.7 H12.9 [mm]
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
Slice oversampling	0 [%]
Slices per slab	160
FoV read	256 [mm]
FoV phase	100.0 [%]
Slice thickness	1 [mm]
TR	1900 [ms]
TE	4.38 [ms]
Averages	1
Concatenations	1
Filter	None
Coil elements	PH1,PH2,PH3,...

Contrast

Magn. preparation	Non-sel. IR
TI	1100 [ms]
Flip angle	15 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Water suppr.	None
Measurements	1

Resolution

Base resolution	256
Phase resolution	100 [%]
Slice resolution	100 [%]
Phase partial Fourier	Off
Slice partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	Off
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	Off
Interpolation	0

PAT mode	None

Geometry

Multi-slice mode	Sequential
Series	Ascending

System

Save uncombined	0
Scan at current TP	0
Scan region position	H
Scan region position	0 [mm]
MSMA	S - C - T
Sagittal	L >> R
Coronal	A >> P
Transversal	F >> H
8 Channel Head / PH5	1
8 Channel Head / PH6	1
8 Channel Head / PH7	1
8 Channel Head / PH8	1
CP Spine Array / SP3	0

CP Spine Array / SP4	0
CP Spine Array / SP5	0
CP Spine Array / SP6	0
CP Spine Array / SP1	0
CP Spine Array / SP2	0
8 Channel Head / PH1	1
8 Channel Head / PH2	1
8 Channel Head / PH3	1
8 Channel Head / PH4	1
Body	0

Shim mode	Tune up
Adjust with body coil	0
Confirm freq. adjustment	0
Assume Silicone	0
Ref. amplitude [1H]	180.000 [V]
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0 [deg]
R >> L	350 [mm]
A >> P	263 [mm]
F >> H	350 [mm]

Physio

1st Signal/Mode	None

Dark blood	0

Resp. control	Off

Inline

Subtract	0
Std-Dev-Sag	0
Std-Dev-Cor	0
Std-Dev-Tra	0
Std-Dev-Time	0
MIP-Sag	0
MIP-Cor	0
MIP-Tra	0
MIP-Time	0
Save original images	1

Sequence

Introduction	1
Dimension	3D
Elliptical scanning	0
Averaging mode	Long term
Asymmetric echo	Allowed
Bandwidth	130 [Hz/Px]
Echo spacing	9.6 [ms]

RF pulse type	Fast
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	1

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\ICBM\PRODUCTION\ICBM3\SAG MPRAGE 8 CHANNEL

Scan Time: 8:08 Voxel size: 1.0x1.0x1.0 [mm] Rel. SNR: 1.00 USER: tfl_scale

Routine

Slab group 1	
Slabs	1
Dist. factor	50 [%]
Position	L0.3 A51.7 H12.9 [mm]
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
Slice oversampling	0 [%]
Slices per slab	160
FoV read	256 [mm]
FoV phase	100.0 [%]
Slice thickness	1 [mm]
TR	1900 [ms]
TE	4.38 [ms]
Averages	1
Concatenations	1
Filter	None
Coil elements	PH1,PH2,PH3,...

Contrast

Magn. preparation	Non-sel. IR
T1	1100 [ms]
Flip angle	15 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Water suppr.	None
Measurements	1

Resolution

Base resolution	256
Phase resolution	100 [%]
Slice resolution	100 [%]
Phase partial Fourier	Off
Slice partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	Off
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	Off
Interpolation	0

PAT mode	None

Geometry

Multi-slice mode	Sequential
Series	Ascending

System

Save uncombined	0
Scan at current TP	0
Scan region position	H
Scan region position	0 [mm]
MSMA	S - C - T
Sagittal	L >> R
Coronal	A >> P
Transversal	F >> H
8 Channel Head / PH5	1
8 Channel Head / PH6	1
8 Channel Head / PH7	1
8 Channel Head / PH8	1
CP Spine Array / SP3	0

CP Spine Array / SP4	0
CP Spine Array / SP5	0
CP Spine Array / SP6	0
CP Spine Array / SP1	0
CP Spine Array / SP2	0
8 Channel Head / PH1	1
8 Channel Head / PH2	1
8 Channel Head / PH3	1
8 Channel Head / PH4	1
Body	0

Shim mode	Tune up
Adjust with body coil	0
Confirm freq. adjustment	0
Assume Silicone	0
Ref. amplitude [1H]	180.000 [V]
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0 [deg]
R >> L	350 [mm]
A >> P	263 [mm]
F >> H	350 [mm]

Physio

1st Signal/Mode	None

Dark blood	0

Resp. control	Off

Inline

Subtract	0
Std-Dev-Sag	0
Std-Dev-Cor	0
Std-Dev-Tra	0
Std-Dev-Time	0
MIP-Sag	0
MIP-Cor	0
MIP-Tra	0
MIP-Time	0
Save original images	1

Sequence

Introduction	1
Dimension	3D
Elliptical scanning	0
Averaging mode	Long term
Asymmetric echo	Allowed
Bandwidth	130 [Hz/Px]
Echo spacing	9.6 [ms]

RF pulse type	Fast
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	1

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\ICBM\PRODUCTION\ICBM3\SAG MPRAGE 8 CHANNEL

Scan Time: 8:08 Voxel size: 1.0x1.0x1.0 [mm] Rel. SNR: 1.00 USER: tfl_scale

Routine

Slab group 1	
Slabs	1
Dist. factor	50 [%]
Position	L0.3 A51.7 H12.9 [mm]
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
Slice oversampling	0 [%]
Slices per slab	160
FoV read	256 [mm]
FoV phase	100.0 [%]
Slice thickness	1 [mm]
TR	1900 [ms]
TE	4.38 [ms]
Averages	1
Concatenations	1
Filter	None
Coil elements	PH1,PH2,PH3,...

Contrast

Magn. preparation	Non-sel. IR
TI	1100 [ms]
Flip angle	15 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Water suppr.	None
Measurements	1

Resolution

Base resolution	256
Phase resolution	100 [%]
Slice resolution	100 [%]
Phase partial Fourier	Off
Slice partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	Off
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	Off
Interpolation	0

PAT mode	None

Geometry

Multi-slice mode	Sequential
Series	Ascending

System

Save uncombined	0
Scan at current TP	0
Scan region position	H
Scan region position	0 [mm]
MSMA	S - C - T
Sagittal	L >> R
Coronal	A >> P
Transversal	F >> H
8 Channel Head / PH5	1
8 Channel Head / PH6	1
8 Channel Head / PH7	1
8 Channel Head / PH8	1
CP Spine Array / SP3	0

CP Spine Array / SP4	0
CP Spine Array / SP5	0
CP Spine Array / SP6	0
CP Spine Array / SP1	0
CP Spine Array / SP2	0
8 Channel Head / PH1	1
8 Channel Head / PH2	1
8 Channel Head / PH3	1
8 Channel Head / PH4	1
Body	0

Shim mode	Tune up
Adjust with body coil	0
Confirm freq. adjustment	0
Assume Silicone	0
Ref. amplitude [1H]	180.000 [V]
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0 [deg]
R >> L	350 [mm]
A >> P	263 [mm]
F >> H	350 [mm]

Physio

1st Signal/Mode	None

Dark blood	0

Resp. control	Off

Inline

Subtract	0
Std-Dev-Sag	0
Std-Dev-Cor	0
Std-Dev-Tra	0
Std-Dev-Time	0
MIP-Sag	0
MIP-Cor	0
MIP-Tra	0
MIP-Time	0
Save original images	1

Sequence

Introduction	1
Dimension	3D
Elliptical scanning	0
Averaging mode	Long term
Asymmetric echo	Allowed
Bandwidth	130 [Hz/Px]
Echo spacing	9.6 [ms]

RF pulse type	Fast
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	1

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\ICBM\PRODUCTION\ICBM3\SAG MPRAGE 8 CHANNEL

Scan Time: 8:08 Voxel size: 1.0x1.0x1.0 [mm] Rel. SNR: 1.00 USER: tfl_scale

Routine

Slab group 1	
Slabs	1
Dist. factor	50 [%]
Position	L0.3 A51.7 H12.9 [mm]
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
Slice oversampling	0 [%]
Slices per slab	160
FoV read	256 [mm]
FoV phase	100.0 [%]
Slice thickness	1 [mm]
TR	1900 [ms]
TE	4.38 [ms]
Averages	1
Concatenations	1
Filter	None
Coil elements	PH1,PH2,PH3,...

Contrast

Magn. preparation	Non-sel. IR
TI	1100 [ms]
Flip angle	15 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Water suppr.	None
Measurements	1

Resolution

Base resolution	256
Phase resolution	100 [%]
Slice resolution	100 [%]
Phase partial Fourier	Off
Slice partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	Off
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	Off
Interpolation	0

PAT mode	None

Geometry

Multi-slice mode	Sequential
Series	Ascending

System

Save uncombined	0
Scan at current TP	0
Scan region position	H
Scan region position	0 [mm]
MSMA	S - C - T
Sagittal	L >> R
Coronal	A >> P
Transversal	F >> H
8 Channel Head / PH5	1
8 Channel Head / PH6	1
8 Channel Head / PH7	1
8 Channel Head / PH8	1
CP Spine Array / SP3	0

CP Spine Array / SP4	0
CP Spine Array / SP5	0
CP Spine Array / SP6	0
CP Spine Array / SP1	0
CP Spine Array / SP2	0
8 Channel Head / PH1	1
8 Channel Head / PH2	1
8 Channel Head / PH3	1
8 Channel Head / PH4	1
Body	0

Shim mode	Tune up
Adjust with body coil	0
Confirm freq. adjustment	0
Assume Silicone	0
Ref. amplitude [1H]	180.000 [V]
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0 [deg]
R >> L	350 [mm]
A >> P	263 [mm]
F >> H	350 [mm]

Physio

1st Signal/Mode	None

Dark blood	0

Resp. control	Off

Inline

Subtract	0
Std-Dev-Sag	0
Std-Dev-Cor	0
Std-Dev-Tra	0
Std-Dev-Time	0
MIP-Sag	0
MIP-Cor	0
MIP-Tra	0
MIP-Time	0
Save original images	1

Sequence

Introduction	1
Dimension	3D
Elliptical scanning	0
Averaging mode	Long term
Asymmetric echo	Allowed
Bandwidth	130 [Hz/Px]
Echo spacing	9.6 [ms]

RF pulse type	Fast
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	1

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\ICBM\PRODUCTION\ICBM3\SAG DOUBLE ECHO

Scan Time: 8:30 Voxel size: 1.0x1.0x1.4 [mm] Rel. SNR: 1.00 SIEMENS: tse

Routine

Slice group 1	
Slices	126
Dist. factor	0 [%]
Position	R9.4 A1.5 F29.8 [mm]
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
FoV read	256 [mm]
FoV phase	100.0 [%]
Slice thickness	1.4 [mm]
TR	3300 [ms]
TE[1]	17 [ms]
TE[2]	100 [ms]
Averages	1
Concatenations	7
Filter	None
Coil elements	PH1,PH2,PH3,...

Contrast

TD	0 [ms]
MTC	0
Magn. preparation	None
Flip angle	180 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Fat sat. mode	Strong
Water suppr.	None
Measurements	1

Resolution

Base resolution	256
Phase resolution	100 [%]
Phase partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	Off
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	Off
Interpolation	0

PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	27

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Special sat.	None

System

Save uncombined	0
Scan at current TP	0
Scan region position	H
Scan region position	0 [mm]
MSMA	S - C - T
Sagittal	L >> R
Coronal	A >> P
Transversal	F >> H
8 Channel Head / PH5	1
8 Channel Head / PH6	1

8 Channel Head / PH7	1
8 Channel Head / PH8	1
CP Spine Array / SP3	0
CP Spine Array / SP4	0
CP Spine Array / SP5	0
CP Spine Array / SP6	0
CP Spine Array / SP1	0
CP Spine Array / SP2	0
8 Channel Head / PH1	1
8 Channel Head / PH2	1
8 Channel Head / PH3	1
8 Channel Head / PH4	1
Body	0

Shim mode	Tune up
Adjust with body coil	0
Confirm freq. adjustment	0
Assume Silicone	0
Ref. amplitude [1H]	180.000 [V]
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0 [deg]
R >> L	350 [mm]
A >> P	263 [mm]
F >> H	350 [mm]

Physio

1st Signal/Mode	None

Dark blood	0

Resp. control	Off

Inline

Subtract	0
Std-Dev-Sag	0
Std-Dev-Cor	0
Std-Dev-Tra	0
Std-Dev-Time	0
MIP-Sag	0
MIP-Cor	0
MIP-Tra	0
MIP-Time	0
Save original images	1

Sequence

Introduction	1
Dimension	2D
Compensate T2 decay	0
Averaging mode	Long term
Contrasts	2
Bandwidth	95 [Hz/Px]
Flow comp.	No
Allowed delay	10 [s]
Echo spacing	16.6 [ms]

Turbo factor	5
RF pulse type	Normal
Gradient mode	Fast

Table of contents

\\USER				
	ICBM			
		PRODUCTION		
			ICBM3	
				Three Plane Loc-trufisp
				SAG DOUBLE ECHO
				ep2d_diff_WIP_96x96PAT
				SAG MPRAGE 8 CHANNEL
				SAG MPRAGE 8 CHANNEL
				SAG MPRAGE 8 CHANNEL
				SAG MPRAGE 8 CHANNEL
				SAG DOUBLE ECHO