

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\localizer

Scan Time: 9.2 [s] Voxel size: 2.2x1.1x10.0 [mm] Rel. SNR: 1.00 SIEMENS: gre

Routine

Slice group 1	
Slices	1
Dist. factor	20 [%]
Position	L0.0 A60.0 H0.0 [mm]
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Slice group 2	
Slices	1
Dist. factor	20 [%]
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Slice group 3	
Slices	1
Dist. factor	20 [%]
Position	Isocenter
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0 [deg]
Phase oversampling	0 [%]
FoV read	280 [mm]
FoV phase	100.0 [%]
Slice thickness	10 [mm]
TR	20 [ms]
TE	5 [ms]
Averages	1
Concatenations	3
Filter	Elliptical filter
Coil elements	PH1,PH2,PH3,...

Contrast

TD	0 [ms]
MTC	0
Magn. preparation	None
Flip angle	40 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Water suppr.	None
Measurements	1

Resolution

Base resolution	256
Phase resolution	50 [%]
Phase partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	Off
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	On
Interpolation	1

PAT mode	None

Geometry

Multi-slice mode	Sequential
Series	Interleaved

Saturation mode	Standard
Special sat.	None

System

Save uncombined	0
Scan at current TP	1
MSMA	S - C - T
Sagittal	R >> L
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
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]	200.000 [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

Tagging	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

Wash - In	0
Wash - Out	0
TTP	0
PEI	0
MIP - time	0

Sequence

Introduction	1
Dimension	2D
Phase stabilisation	0
Averaging mode	Short term
Asymmetric echo	Off
Contrasts	1
Bandwidth	180 [Hz/Px]
Flow comp.	No

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RF pulse type
Gradient mode
Excitation
RF spoiling

Fast
Normal
Slice-sel.
1

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\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\tfl_ADNI-MPRAGE

Scan Time: 9:38 Voxel size: 1.3x1.3x1.2 [mm] Rel. SNR: 1.00 USER: tfl_ADNI

Routine

Slab group 1	
Slabs	1
Dist. factor	50 [%]
Position	L0.0 A50.0 H0.0 [mm]
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
Slice oversampling	30 [%]
Slices per slab	160
FoV read	240 [mm]
FoV phase	100.0 [%]
Slice thickness	1.2 [mm]
TR	3000 [ms]
TE	3.54 [ms]
Averages	1
Concatenations	1
Filter	Normalize
Coil elements	PH1,PH2,PH3,...

Contrast

Magn. preparation	Non-sel. IR
TI	1000 [ms]
Flip angle	8 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Water suppr.	None
Measurements	1

Resolution

Base resolution	192
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	On
Unfiltered images	1
Filter 4	
Elliptical filter	Off
Interpolation	0

PAT mode	None

Geometry

Multi-slice mode	Single shot
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	R >> L
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

8 Channel Head / PH1	1
8 Channel Head / PH2	1
8 Channel Head / PH3	1
8 Channel Head / PH4	1
Body	0

Shim mode	Standard
Adjust with body coil	0
Confirm freq. adjustment	0
Assume Silicone	0
Ref. amplitude [1H]	200.000 [V]
Adjust volume	
Position	L0.0 A50.0 H0.0 [mm]
Orientation	Sagittal
Rotation	0 [deg]
F >> H	240 [mm]
A >> P	240 [mm]
R >> L	192 [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	Off
Bandwidth	180 [Hz/Px]
Echo spacing	8.5 [ms]

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

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\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\gre_ADNI-headcoil
 Scan Time: 0:42 Voxel size: 2.3x2.3x2.5 [mm] Rel. SNR: 1.00 USER: gre_ADNI

Routine

Slab group 1	
Slabs	1
Dist. factor	20 [%]
Position	L0.0 A50.0 H0.0 [mm]
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
Slice oversampling	0 [%]
Slices per slab	96
FoV read	300 [mm]
FoV phase	100.0 [%]
Slice thickness	2.5 [mm]
TR	3.3 [ms]
TE	1.08 [ms]
Averages	1
Concatenations	1
Filter	Large FoV
Coil elements	PH1,PH2,PH3,...

Contrast

MTC	0
Magn. preparation	None
Flip angle	2 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Water suppr.	None
Measurements	1

Resolution

Base resolution	128
Phase resolution	100 [%]
Slice resolution	100 [%]
Phase partial Fourier	Off
Slice partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	On
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	Off
Interpolation	0

PAT mode	None

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Saturation mode	Standard
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	R >> L
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
8 Channel Head / PH1	1
8 Channel Head / PH2	1
8 Channel Head / PH3	1
8 Channel Head / PH4	1
Body	0

Shim mode	Standard
Adjust with body coil	0
Confirm freq. adjustment	0
Assume Silicone	0
Ref. amplitude [1H]	200.000 [V]
Adjust volume	
Position	L0.0 A50.0 H0.0 [mm]
Orientation	Sagittal
Rotation	0 [deg]
F >> H	300 [mm]
A >> P	300 [mm]
R >> L	240 [mm]

Physio

1st Signal/Mode	None
Segments	1

Tagging	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

Wash - In	0
Wash - Out	0
TTP	0
PEI	0
MIP - time	0

Sequence

Introduction	1
Dimension	3D
Elliptical scanning	0
Phase stabilisation	0
Averaging mode	Long term
Asymmetric echo	Off
Contrasts	1
Bandwidth	980 [Hz/Px]
Flow comp.	No

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

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\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\gre_ADNI-bodycoil
 Scan Time: 0:42 Voxel size: 2.3x2.3x2.5 [mm] Rel. SNR: 1.00 USER: gre_ADNI

Routine

Slab group 1	
Slabs	1
Dist. factor	20 [%]
Position	L0.0 A50.0 H0.0 [mm]
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
Slice oversampling	0 [%]
Slices per slab	96
FoV read	300 [mm]
FoV phase	100.0 [%]
Slice thickness	2.5 [mm]
TR	3.3 [ms]
TE	1.08 [ms]
Averages	1
Concatenations	1
Filter	Large FoV
Coil elements	BC

Contrast

MTC	0
Magn. preparation	None
Flip angle	2 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Water suppr.	None
Measurements	1

Resolution

Base resolution	128
Phase resolution	100 [%]
Slice resolution	100 [%]
Phase partial Fourier	Off
Slice partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	On
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	Off
Interpolation	0

PAT mode	None

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Saturation mode	Standard
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	R >> L
Coronal	A >> P
Transversal	F >> H
8 Channel Head / PH5	0
8 Channel Head / PH6	0

8 Channel Head / PH7	0
8 Channel Head / PH8	0
8 Channel Head / PH1	0
8 Channel Head / PH2	0
8 Channel Head / PH3	0
8 Channel Head / PH4	0
Body	1

Shim mode	Standard
Adjust with body coil	0
Confirm freq. adjustment	0
Assume Silicone	0
Ref. amplitude [1H]	200.000 [V]
Adjust volume	
Position	L0.0 A50.0 H0.0 [mm]
Orientation	Sagittal
Rotation	0 [deg]
F >> H	300 [mm]
A >> P	300 [mm]
R >> L	240 [mm]

Physio

1st Signal/Mode	None
Segments	1

Tagging	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

Wash - In	0
Wash - Out	0
TTP	0
PEI	0
MIP - time	0

Sequence

Introduction	1
Dimension	3D
Elliptical scanning	0
Phase stabilisation	0
Averaging mode	Long term
Asymmetric echo	Off
Contrasts	1
Bandwidth	980 [Hz/Px]
Flow comp.	No

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

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\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\PD-T2-TSE-ADNI
 Scan Time: 5:08 Voxel size: 0.9x0.9x3.0 [mm] Rel. SNR: 1.00 SIEMENS: tse

Routine

Slice group 1	
Slices	48
Dist. factor	0 [%]
Position	L0.0 A50.0 H0.0 [mm]
Orientation	Transversal
Phase enc. dir.	R >> L
Rotation	90 [deg]
Phase oversampling	0 [%]
FoV read	240 [mm]
FoV phase	89.1 [%]
Slice thickness	3 [mm]
TR	3000 [ms]
TE[1]	12 [ms]
TE[2]	96 [ms]
Averages	1
Concatenations	3
Filter	Large FoV, ...
Coil elements	PH1,PH2,PH3,...

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	Tune up
Adjust with body coil	0
Confirm freq. adjustment	0
Assume Silicone	0
Ref. amplitude [1H]	200.000 [V]
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0 [deg]
R >> L	350 [mm]
A >> P	263 [mm]
F >> H	350 [mm]

Contrast

TD	0 [ms]
MTC	0
Magn. preparation	None
Flip angle	150 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Fat sat. mode	Strong
Water suppr.	None
Measurements	1

Physio

1st Signal/Mode	None
Dark blood	0
Resp. control	Off

Resolution

Base resolution	256
Phase resolution	100 [%]
Phase partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	On
Filter 3	
Normalize	On
Unfiltered images	0
Filter 4	
Elliptical filter	Off
Interpolation	0
<hr/>	
PAT mode	None

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	163 [Hz/Px]
Flow comp.	No
Allowed delay	30 [s]
Echo spacing	12 [ms]
<hr/>	
Turbo factor	7
RF pulse type	Low SAR
Gradient mode	Normal

Geometry

Multi-slice mode	Interleaved
Series	Interleaved
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Special sat.	Parallel F
Gap	10 [mm]
Thickness	50 [mm]

System

Save uncombined	0
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

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\RS-FMRI-BW2004

Scan Time: 9:36 Voxel size: 3.3x3.3x3.0 [mm] Rel. SNR: 1.00 SIEMENS: ep2d_bold

Routine

Slice group 1	
Slices	36
Dist. factor	10 [%]
Position	L0.0 A50.0 H0.0 [mm]
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
FoV read	211 [mm]
FoV phase	100.0 [%]
Slice thickness	3 [mm]
TR	2850 [ms]
TE	60 [ms]
Averages	1
Concatenations	1
Filter	None
Coil elements	PH1,PH2,PH3,...

Contrast

MTC	0
Flip angle	90 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Measurements	200
Delay in TR	0 [ms]
Multiple series	0

Resolution

Base resolution	64
Phase resolution	100 [%]
Phase partial Fourier	Off
Filter 1	
Raw filter	Off
Interpolation	0

PAT mode	None
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Geometry

Multi-slice mode	Interleaved
Series	Ascending

Special sat.	None
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System

Scan at current TP	0
Scan region position	H
Scan region position	0 [mm]
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]	200.000 [V]

Adjust volume

Position	L0.0 A50.0 H0.0 [mm]
Orientation	Transversal
Rotation	0 [deg]
R >> L	211 [mm]
A >> P	211 [mm]
F >> H	119 [mm]

Physio

1st Signal/Mode	None
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BOLD

t-Test	0
Threshold	4.00
Window	Growing
Dynamic t-maps	0
Starting ignore meas	0
Paradigm size	1
Meas	Ignore
Motion correction	0
Spatial filter	0

Sequence

Introduction	0
Averaging mode	Long term
Bandwidth	2004 [Hz/Px]
Free echo spacing	0
Echo spacing	0.56 [ms]

EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\RS-FMRI-BW1562

Scan Time: 10:05 Voxel size: 3.3x3.3x3.0 [mm] Rel. SNR: 1.00 SIEMENS: ep2d_bold

Routine

Slice group 1	
Slices	36
Dist. factor	10 [%]
Position	L0.0 A50.0 H0.0 [mm]
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
FoV read	211 [mm]
FoV phase	100.0 [%]
Slice thickness	3 [mm]
TR	3010 [ms]
TE	60 [ms]
Averages	1
Concatenations	1
Filter	None
Coil elements	PH1,PH2,PH3,...

Contrast

MTC	0
Flip angle	90 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Measurements	200
Delay in TR	0 [ms]
Multiple series	0

Resolution

Base resolution	64
Phase resolution	100 [%]
Phase partial Fourier	Off
Filter 1	
Raw filter	Off
Interpolation	0

PAT mode None

Geometry

Multi-slice mode	Interleaved
Series	Ascending

Special sat. None

System

Scan at current TP	0
Scan region position	H
Scan region position	0 [mm]
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]	200.000 [V]

Adjust volume

Position	L0.0 A50.0 H0.0 [mm]
Orientation	Transversal
Rotation	0 [deg]
R >> L	211 [mm]
A >> P	211 [mm]
F >> H	119 [mm]

Physio

1st Signal/Mode None

BOLD

t-Test	0
Threshold	4.00
Window	Growing
Dynamic t-maps	0
Starting ignore meas	0
Paradigm size	1
Meas	Ignore
Motion correction	0
Spatial filter	0

Sequence

Introduction	0
Averaging mode	Long term
Bandwidth	1562 [Hz/Px]
Free echo spacing	0
Echo spacing	0.7 [ms]

EPI factor 64

RF pulse type Normal

Gradient mode Fast

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\DTI-6directions-2.5x2.5x3
 + Scan Time: 3:17 Voxel size: 2.5x2.5x3.0 [mm] Rel. SNR: 1.00 SIEMENS: ep2d_diff

Routine

Slice group 1	
Slices	48
Dist. factor	0 [%]
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
FoV read	320 [mm]
FoV phase	75.0 [%]
Slice thickness	3 [mm]
TR	6800 [ms]
TE	87 [ms]
Averages	4
Concatenations	1
Filter	Large FoV
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	128
Phase resolution	100 [%]
Phase partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	On
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	Off
Interpolation	0

PAT mode	None

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]	200.000 [V]
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0 [deg]
R >> L	320 [mm]
A >> P	240 [mm]
F >> H	144 [mm]

Physio

1st Signal/Mode	None
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Diff

Diffusion mode	MDDW
Diff. weightings	2
b-value[1]	0 [s/mm ²]
b-value[2]	900 [s/mm ²]
Diff. weighted images	1
Trace weighted images	0
Average ADC maps	0
Individual ADC maps	0
Noise level	40
Diff. directions	6

Sequence

Introduction	0
Averaging mode	Long term
Bandwidth	1562 [Hz/Px]
Free echo spacing	0
Echo spacing	0.7 [ms]

EPI factor	96
RF pulse type	Normal
Gradient mode	Fast

SIEMENS MAGNETOM Sonata syngo MR 2004A

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\DTI-12directions-2.5x2.5x3
 + Scan Time: 3:12 Voxel size: 2.5x2.5x3.0 [mm] Rel. SNR: 1.00 SIEMENS: ep2d_diff

Routine

Slice group 1	
Slices	48
Dist. factor	0 [%]
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0 [deg]
Phase oversampling	0 [%]
FoV read	320 [mm]
FoV phase	75.0 [%]
Slice thickness	3 [mm]
TR	7100 [ms]
TE	94 [ms]
Averages	2
Concatenations	1
Filter	Large FoV
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	128
Phase resolution	100 [%]
Phase partial Fourier	Off
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	On
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	Off
Interpolation	0

PAT mode	None

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]	200.000 [V]
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0 [deg]
R >> L	320 [mm]
A >> P	240 [mm]
F >> H	144 [mm]

Physio

1st Signal/Mode	None
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Diff

Diffusion mode	MDDW
Diff. weightings	2
b-value[1]	0 [s/mm ²]
b-value[2]	900 [s/mm ²]
Diff. weighted images	1
Trace weighted images	0
Average ADC maps	0
Individual ADC maps	0
Noise level	40
Diff. directions	12

Sequence

Introduction	0
Averaging mode	Long term
Bandwidth	1562 [Hz/Px]
Free echo spacing	0
Echo spacing	0.7 [ms]

EPI factor	96
RF pulse type	Normal
Gradient mode	Fast