SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\aa_scout
TA:0:14 PAT:3 Voxel size:1.6×1.6×1.6 mm Rel. SNR:1.00 :fl

Properties

Prio Recon	Off
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
Wait for user to start	On
Start measurements	single

Routine

Nr. of slab groups	1
Slabs	1
Dist. factor	20 %
Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	A >> P
Phase oversampling	0 %
Slice oversampling	0.0 %
FoV read	260 mm
FoV phase	100.0 %
Slice thickness	1.6 mm
TR	3.15 ms
TE	1.37 ms
Averages	1
Concatenations	1
Filter	Prescan Normalize
Coil elements	HEA;HEP
AutoAlign	Head

Contrast

Flip angle	8 deg
Averaging mode	Short term
Measurements	1
Reconstruction	Magnitude

Resolution

Base resolution	160
Phase resolution	100 %
Phase partial Fourier	6/8
PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	24
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	Off
Accel. factor 3D	1
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	Off
Slice resolution	69 %
Slice partial Fourier	6/8

Geometry

Nr. of slab groups	1
Slabs	1
Dist. factor	20 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	0 %
Slice oversampling	0.0 %
Slices per slab	128
Multi-slice mode	Sequential
Series	Ascending
Nr. of sat. regions	0
Position mode	L-P-H
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Coil Select Mode	Off - AutoCoilSelect
B0 Shim mode	Tune up
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	350 mm
A >> P	263 mm
F >> H	350 mm
Frequency 1H	123.259066 MHz
Correction factor	1
SRFExcit 1H	66.963 V
Gain	Low
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

Inline

Distortion correction	Off

Sequence

Introduction	On
Dimension	3D
Averaging mode	Short term
Multi-slice mode	Sequential
Asymmetric echo	Weak
Contrasts	1
Bandwidth	540 Hz/Px
RF pulse type	Fast
Gradient mode	Normal
Excitation	Non-sel.
RF spoiling	On
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms
Mode	Off

BOLD

Time to center	6.2 s
Subtract	Off
StdDev	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On
Distortion Corr.	Off
Contrasts	1
Save original images	On

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\mprage
TA:5:59 PAT:2 Voxel size:1.0×1.0×1.0 mm Rel. SNR:1.00 :tfl

Properties

Prio Recon	Off
Load to viewer	On
Inline movie	Off
Auto store images	On
Load to stamp segments	On
Load images to graphic segments	Off
Auto open inline display	Off
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slab groups	1
Slabs	1
Dist. factor	50 %
Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	A >> P
AutoAlign	Head > Basis
Phase oversampling	0 %
Slice oversampling	0.0 %
FoV read	256 mm
FoV phase	100.0 %
Slice thickness	1.00 mm
TR	2500.0 ms
TE	3.41 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(3D), Prescan Normalize
Coil elements	HEA;HEP

Contrast

Magn. preparation	Non-sel. IR
TI	1100 ms
Flip angle	7 deg
Fat suppr.	None
Water suppr.	None
Averaging mode	Long term
Measurements	1
Reconstruction	Magnitude
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	32
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	On
Accel. factor 3D	1
Mode	3D
Unfiltered images	On
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	Off
Slice resolution	100 %
Slice partial Fourier	Off

Geometry

Nr. of slab groups	1
Slabs	1
Dist. factor	50 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	0 %
Slice oversampling	0.0 %
Slices per slab	176
Multi-slice mode	Single shot
Series	Ascending
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	None
Water suppr.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
AutoAlign	Head > Basis
Coil Select Mode	Off - AutoCoilSelect
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
F >> H	256 mm
A >> P	256 mm
R >> L	176 mm
Frequency 1H	123.259066 MHz
Correction factor	1
SLoopIRns1 1H	646.756 V
Gain	Low
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	Non-sel. IR
TI	1100 ms
Dark blood	Off
Resp. control	Off

Inline

Distortion correction	Off

Sequence

Introduction	On
Dimension	3D
Elliptical scanning	Off
Averaging mode	Long term
Multi-slice mode	Single shot
Reordering	Linear
Asymmetric echo	Off
Bandwidth	190 Hz/Px
Flow comp.	No
Echo spacing	7.9 ms
Turbo factor	176
RF pulse type	Fast
Gradient mode	Fast
Excitation	Non-sel.
RF spoiling	On
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms
Mode	Off

BOLD

Subtract	Off
StdDev	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On
Distortion Corr.	On
Mode	3D
Unfiltered images	On
Save original images	On

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\stop3
TA:3:30 PAT:2 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	On
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	10 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.00 mm
TR	2000 ms
TE	27.00 ms
Multi-band accel. factor	3
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	90
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	54
Reference scan mode	Single-shot
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	10 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	542.085 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	1786 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.67 ms
EPI factor	100
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\stop4
TA:3:30 PAT:2 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	10 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.00 mm
TR	2000 ms
TE	27.00 ms
Multi-band accel. factor	3
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	90
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	54
Reference scan mode	Single-shot
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	10 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	542.085 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	1786 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.67 ms
EPI factor	100
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\fieldmap
TA:2:11 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :fm_r

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	R >> L
AutoAlign	Head > Brain
Phase oversampling	0 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.0 mm
TR	639.0 ms
TE 1	4.37 ms
Averages	1
Concatenations	1
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Flip angle	60 deg
Fat suppr.	None
Averaging mode	Long term
Measurements	1
Reconstruction	Magn./Phase
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
Image Filter	Off
Distortion Corr.	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	R >> L
Phase oversampling	0 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	None
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Off - AutoCoilSelect
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	90.00 deg
A >> P	200 mm
R >> L	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
01GreFCE 1H	215.002 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

Inline

Distortion correction	Off

Sequence

Introduction	On
Dimension	2D
Averaging mode	Long term
Multi-slice mode	Interleaved
Asymmetric echo	Off
Contrasts	2
Bandwidth	1515 Hz/Px
Flow comp.	Yes
RF pulse type	Normal
Gradient mode	Fast
RF spoiling	On
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms
Mode	Off

BOLD

Distortion Corr.	Off
Contrasts	2

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\cyb1
TA:4:30 PAT:2 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	10 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.00 mm
TR	2000 ms
TE	27.00 ms
Multi-band accel. factor	3
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	120
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	54
Reference scan mode	Single-shot
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	10 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	542.085 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	1786 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.67 ms
EPI factor	100
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\vid1
TA:3:30 PAT:2 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	10 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.00 mm
TR	2000 ms
TE	27.00 ms
Multi-band accel. factor	3
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	90
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	54
Reference scan mode	Single-shot
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	10 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	542.085 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	1786 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.67 ms
EPI factor	100
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\vid2
TA:3:30 PAT:2 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	10 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.00 mm
TR	2000 ms
TE	27.00 ms
Multi-band accel. factor	3
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	90
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	54
Reference scan mode	Single-shot
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	10 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	542.085 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	1786 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.67 ms
EPI factor	100
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\stop5
TA:3:30 PAT:2 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	10 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.00 mm
TR	2000 ms
TE	27.00 ms
Multi-band accel. factor	3
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	90
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	54
Reference scan mode	Single-shot
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	10 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	542.085 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	1786 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.67 ms
EPI factor	100
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\stop6
TA:3:30 PAT:2 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	10 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.00 mm
TR	2000 ms
TE	27.00 ms
Multi-band accel. factor	3
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	90
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	54
Reference scan mode	Single-shot
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	10 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	542.085 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	1786 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.67 ms
EPI factor	100
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\cyb2
TA:3:50 PAT:2 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	10 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.00 mm
TR	2000 ms
TE	27.00 ms
Multi-band accel. factor	3
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	100
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	54
Reference scan mode	Single-shot
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	10 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	542.085 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	1786 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.67 ms
EPI factor	100
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\stop7
TA:3:30 PAT:2 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	10 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.00 mm
TR	2000 ms
TE	27.00 ms
Multi-band accel. factor	3
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	90
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	54
Reference scan mode	Single-shot
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	10 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	542.085 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	1786 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.67 ms
EPI factor	100
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\stop8
TA:3:30 PAT:2 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	10 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.00 mm
TR	2000 ms
TE	27.00 ms
Multi-band accel. factor	3
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	90
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	54
Reference scan mode	Single-shot
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	10 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	542.085 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	1786 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.67 ms
EPI factor	100
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\stop9
TA:3:30 PAT:2 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	10 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.00 mm
TR	2000 ms
TE	27.00 ms
Multi-band accel. factor	3
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	90
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	54
Reference scan mode	Single-shot
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	10 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	542.085 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	1786 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.67 ms
EPI factor	100
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\stop10
TA:3:30 PAT:2 Voxel size:2.0×2.0×2.0 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	10 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.00 mm
TR	2000 ms
TE	27.00 ms
Multi-band accel. factor	3
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	90 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	90
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	100
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	54
Reference scan mode	Single-shot
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	72
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	10 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	144 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	542.085 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	1786 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.67 ms
EPI factor	100
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\logstarter
TA:0.8 s Rel. SNR:1.00 :fid

Properties	
Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine	
Nr. of slice groups	0
TR	750 ms
TE	0.35 ms
Averages	1
Filter	None
Coil elements	BC

Contrast	
Flip angle	90 deg

Resolution	
Base resolution	1
Phase resolution	100 %
Image Filter	Off
Distortion Corr.	Off
Vector size	512
Prescan Normalize	Off
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	Off

Geometry	
Nr. of slice groups	0
Nr. of sat. regions	0
Position mode	L-P-H

System

Body	On
HEP	Off
HEA	Off
Position mode	L-P-H
Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Select Mode	Default
B0 Shim mode	Tune up
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	350 mm
A >> P	263 mm
F >> H	350 mm
Frequency 1H	123.259066 MHz
Correction factor	1
ss_rf_exc 1H	452.000 V
Gain	Low
Table position	0 mm
Adj. water suppr.	Off
Img. Scale. Cor.	1.000

Physio

Inline

Distortion correction	Off

Sequence

Bandwidth	1000 Hz
Gradient mode	Normal
Log external	On
Log external 2	Off
Log respiration	On
Log pulse	On
Log ekg	Off
TX/RX Nucleus	1H
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	BC
Preparation scans	0

BOLD

Distortion Corr.	Off

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\resting_bold_mb6_2.5mm_tr780
TA:6:50 PAT:Off Voxel size:2.5×2.5×2.5 mm Rel. SNR:1.00 :epfid

Properties

Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine

Nr. of slice groups	1
Slices	60
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	0 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	2.50 mm
TR	780 ms
TE	30.80 ms
Multi-band accel. factor	6
Filter	Prescan Normalize
Coil elements	HEA;HEP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	55 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Measurements	515
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off

Resolution

Base resolution	80
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	None
Distortion Corr.	Off
Hamming	Off
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off

Geometry

Nr. of slice groups	1
Slices	60
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	0 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	None
Special sat.	None
Table position	P

System

Body	Off
HEP	On
HEA	On
Position mode	L-P-H
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
Coil Select Mode	Default
B0 Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	150 mm
Frequency 1H	123.259066 MHz
Correction factor	1
MBExc 1H	615.223 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000

Physio

1st Signal/Mode	None
Magn. preparation	None

Inline

Distortion correction	Off

Sequence

Introduction	Off
Averaging mode	Long term
Multi-slice mode	Interleaved
Contrasts	1
Bandwidth	2232 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	0.59 ms
EPI factor	80
Gradient mode	Fast*
RF spoiling	Off
Online multi-band recon.	Online
Physio recording	Off
Triggering scheme	Standard
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HEA;HEP
Acquisition duration	0 ms

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Motion correction	Off
Spatial filter	Off
Delay in TR	0 ms
Distortion Corr.	Off
Contrasts	1

SIEMENS MAGNETOM Skyra syngo MR D13C

\\USER\Pfeifer\TDS\TDS\logstopper
TA:0.8 s Rel. SNR:1.00 :fid

Properties	
Prio Recon	Off
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
Wait for user to start	Off
Start measurements	single

Routine	
Nr. of slice groups	0
TR	750 ms
TE	0.35 ms
Averages	1
Filter	None
Coil elements	BC

Contrast	
Flip angle	90 deg

Resolution	
Base resolution	1
Phase resolution	100 %
Image Filter	Off
Distortion Corr.	Off
Vector size	512
Prescan Normalize	Off
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	Off

Geometry	
Nr. of slice groups	0
Nr. of sat. regions	0
Position mode	L-P-H

System

Body	On
HEP	Off
HEA	Off
Position mode	L-P-H
Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Select Mode	Default
B0 Shim mode	Tune up
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto
? Ref. amplitude 1H	0.000 V
Position	Isocenter
Rotation	0.00 deg
R >> L	350 mm
A >> P	263 mm
F >> H	350 mm
Frequency 1H	123.259066 MHz
Correction factor	1
ss_rf_exc 1H	452.000 V
Gain	Low
Table position	0 mm
Adj. water suppr.	Off
Img. Scale. Cor.	1.000

Physio

Inline

Distortion correction	Off

Sequence

Bandwidth	1000 Hz
Gradient mode	Normal
TX/RX Nucleus	1H
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	BC
Preparation scans	0

BOLD

Distortion Corr.	Off