

SIEMENS MAGNETOM Skyra syngo MR D11

\\USER\Siemens_3T_Skyra_D11_HR\ADNI 2\HUMAN\localizer
 TA: 0:12 PAT: Off Voxel size: 1.5x1.5x8.0 mm Rel. SNR: 1.00 : fl

Properties

Prior Recon Off
 Before measurement
 After measurement
 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 3
 Slices 1
 Dist. factor 20 %
 Position Isocenter
 Orientation Sagittal
 Phase enc. dir. A >> P
 AutoAlign ---
 Phase oversampling 0 %
 FoV read 280 mm
 FoV phase 100.0 %
 Slice thickness 8.0 mm
 TR 20.0 ms
 TE 5.00 ms
 Averages 1
 Concatenations 3
 Filter Raw filter, Distortion Corr. (2D),

Prescan Normalize

Coil elements HE1-4

Contrast

TD 0 ms
 MTC Off
 Magn. preparation None
 Flip angle 40 deg
 Fat suppr. None
 Water suppr. None
 SWI Off
 Averaging mode Short term
 Measurements 1
 Reconstruction Magnitude
 Multiple series Each measurement

Resolution

Base resolution 192
 Phase resolution 100 %
 Phase partial Fourier Off
 Interpolation Off
 PAT mode None
 Image Filter Off
 Distortion Corr. On
 TD 0 ms
 Mode 2D
 Unfiltered images Off
 Unfiltered images Off
 Prescan Normalize On

Siemens_3T_Skyra_D11_HR.txt

Normalize	Off
B1 filter	Off
Raw filter	On
Intensity	Weak
Slope	25
Elliptical filter	Off
Geometry	
Nr. of slice groups	3
Slices	1
Dist. factor	20 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	0 %
Multi-slice mode	Sequential
Series	Ascending
Saturation mode	Standard
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	None
Water suppr.	None
Special sat.	None
Special sat.	None
Set-n-Go Protocol	Off
Table position	P
Inline Composing	Off
Tim CT mode	Off
System	
Body	Off
HE1	On
HE3	On
NE1	Off
HE2	On
HE4	On
NE2	Off
Position mode	L-P-H
Positioning mode	ISO
Table position	F
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	---
Auto Coil Select	Default
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	123.200000 MHz
Correction factor	1
SRFExcit 1H	107.818 V
Gain	High
Table position	0 mm

Img. Scale Cor.	1.000
Physio	
1st Signal/Mode	None
Segments	1
Tagging	None
Magn. preparation	None
Dark blood	Off
Resp. control	Off
Inline	
Inline Composing	Off
Distortion correction	Off
Sequence	
Introduction	Off
Dimension	2D
Phase stabilization	Off
Averaging mode	Short term
Multi-slice mode	Sequential
Asymmetric echo	Off
Contrasts	1
Bandwidth	180 Hz/Px
Flow comp.	No
Allowed delay	0 s
RF pulse type	Normal
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HE1-4
Acquisition duration	0 ms
Mode	Off
BOLD	
Subtract	Off
Liver registration	Off
Save images	On
Autoscaling	Off
Scaling factor	1
Offset	0
Subtrahend	1
Subtraction indices	
StdDev	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
Radial MIP	Off
Save original images	On
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
MapIt	None
Contrasts	1
Save original images	On
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off

Siemens_3T_Skyra_D11_HR.txt

Number of radial views	1
Axis of radial views	L-R
MPR Sag	Off
MPR Cor	Off
MPR Tra	Off

SIEMENS MAGNETOM Skyra syngo MR D11

\\USER\Siemens_3T_Skyra_D11_HR\ADNI 2\HUMAN\MPRAGE
 TA: 9:14 PAT: Off Voxel size: 1.0x1.0x1.2 mm Rel. SNR: 1.00 : tfl

Properties

Prio Recon	Off
Before measurement	
After measurement	
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	---
Phase oversampling	0 %
Slice oversampling	0.0 %
FoV read	256 mm
FoV phase	93.8 %
Slice thickness	1.20 mm
TR	2300.0 ms
TE	2.98 ms
Averages	1
Concatenations	1
Filter	Distortion Corr. (3D), Prescan Normalize

Coil elements	HE1-4
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Contrast

Magn. preparation	Non-sel. IR
TI	900 ms
Flip angle	9 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	None
Image Filter	Off
Distortion Corr.	On
Mode	3D

Siemens_3T_Skyra_D11_HR.txt

Unfiltered images	Off
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	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	None
Water suppr.	None
Special sat.	None
Set-n-Go Protocol	Off
Table position	P
Inline Composing	Off
System	
Body	Off
HE1	On
HE3	On
NE1	Off
HE2	On
HE4	On
NE2	Off
SP5	Off
SP6	Off
SP7	Off
SP8	Off
SP1	Off
SP2	Off
SP3	Off
SP4	Off
Position mode	L-P-H
Positioning mode	ISO
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	L >> R
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
AutoAlign	---
Auto Coil Select	Off
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

Siemens_3T_Skyra_D11_HR.txt

Position	Isocenter
Rotation	0.00 deg
F >> H	256 mm
A >> P	240 mm
R >> L	212 mm
Frequency 1H	123.200000 MHz
Correction factor	1
SLoopIRns1 1H	509.370 V
Gain	Low
Table position	0 mm
Img. Scale. Cor.	1.000
Physio	
1st Signal /Mode	None
Magn. preparation	Non-sel. IR
TI	900 ms
Dark blood	Off
Resp. control	Off
Inline	
Inline Composing	Off
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	240 Hz/Px
Flow comp.	No
Echo spacing	7.1 ms
Turbo factor	176
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	HE1-4
Acquisition duration	0 ms
Mode	Off
BOLD	
Subtract	Off
Save images	On
Autoscaling	Off
Scaling factor	1
Offset	0
Subtrahend	1
Subtraction indices	
StdDev	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
Radial MIP	Off
Save original images	On
Distortion Corr.	On
Mode	3D

Siemens_3T_Skyra_D11_HR.txt

Unfiltered images Off
 Save original images On
 Number of radial views 1
 Axis of radial views L-R
 MPR Sag Off
 MPR Cor Off
 MPR Tra Off

SIEMENS MAGNETOM Skyra syngo MR D11

 \\USER\Siemens_3T_Skyra_D11_HR\ADNI 2\HUMAN\MPRAGE_GRAPPA2
 TA: 5:12 PAT: 2 Voxel size: 1.1x1.1x1.2 mm Rel. SNR: 1.00 : tfl

Properties

Prio Recon Off
 Before measurement
 After measurement
 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 ---
 Phase oversampling 0 %
 Slice oversampling 0.0 %
 FoV read 270 mm
 FoV phase 93.8 %
 Slice thickness 1.20 mm
 TR 2300.0 ms
 TE 2.95 ms
 Averages 1
 Concatenations 1
 Filter Distortion Corr. (3D), Prescan Normalize

Coil elements HE1-4

Contrast

Magn. preparation Non-sel. IR
 TI 900 ms
 Flip angle 9 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

Siemens_3T_Skyra_D11_HR.txt

Ref. lines PE	32
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	On
Accel. factor 3D	1
Mode	3D
Unfiltered images	Off
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
Set-n-Go Protocol	Off
Table position	P
Inline Composing	Off
System	
Body	Off
HE1	On
HE3	On
NE1	Off
HE2	On
HE4	On
NE2	Off
SP5	Off
SP6	Off
SP7	Off
SP8	Off
SP1	Off
SP2	Off
SP3	Off
SP4	Off
Position mode	L-P-H
Positioning mode	ISO
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	L >> R
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
AutoAlign	---
AutoCoil Select	Off
Shim mode	Standard

Siemens_3T_Skyra_D11_HR.txt

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	270 mm
A >> P	254 mm
R >> L	212 mm
Frequency 1H	123.200000 MHz
Correction factor	1
SLoopIRns1 1H	509.370 V
Gain	Low
Table position	0 mm
Img. Scale. Cor.	1.000
Physio	
1st Signal /Mode	None
Magn. preparation	Non-sel. IR
TI	900 ms
Dark blood	Off
Resp. control	Off
Inline	
Inline Composing	Off
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	240 Hz/Px
Flow comp.	No
Echo spacing	7 ms
Turbo factor	176
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	HE1-4
Acquisition duration	0 ms
Mode	Off
BOLD	
Subtract	Off
Save images	On
Autoscaling	Off
Scaling factor	1
Offset	0
Subtrahend	1
Subtraction indices	
StdDev	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Ti me	Off
MI P-Sag	Off
MI P-Cor	Off

Siemens_3T_Skyra_D11_HR.txt

MIP-Tra	Off
MIP-Time	Off
Radial MIP	Off
Save original images	On
Distortion Corr.	On
Mode	3D
Unfiltered images	Off
Save original images	On
Number of radial views	1
Axis of radial views	L-R
MPR Sag	Off
MPR Cor	Off
MPR Tra	Off

SIEMENS MAGNETOM Skyra syngo MR D11

 \\USER\Siemens_3T_Skyra_D11_HR\ADNI 2\HUMAN\AX_T2_FLAIR
 TA: 4:05 PAT: 2 Voxel size: 0.9x0.9x5.0 mm Rel. SNR: 1.00 :tir

Properties

Prio Recon	Off
Before measurement	
After measurement	
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 slice groups	1
Slices	35
Dist. factor	0 %
Position	Isocenter
Orientati on	Transversal
Phase enc. dir.	R >> L
AutoAlign	---
Phase oversampling	0 %
FoV read	220 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	9000.0 ms
TE	91.0 ms
Averages	1
Concatenati ons	3
Filter	Distortion Corr. (2D), Prescan

Normalize, Elliptical filter

Coil elements	HE1-4
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Contrast

TD	0.0 ms
MTC	Off
Magn. preparati on	Slice-sel. IR
TI	2500 ms
Freeze suppressed tissue	On
Flip angle	150 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off
Averaging mode	Long term
Measurements	1

Siemens_3T_Skyra_D11_HR.txt

Reconstruction	Magnitude
Multiple series	Each measurement
Resolution	
Base resolution	256
Phase resolution	100 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	47
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	On
TD	0.0 ms
Mode	2D
Unfiltered images	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane
Geometry	
Nr. of slice groups	1
Slices	35
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
Water suppr.	None
Special sat.	None
Special sat.	None
Set-n-Go Protocol	Off
Table position	P
Inline Compositing	Off
Restore magn.	Off
Tim CT mode	Off
System	
Body	Off
HE1	On
HE3	On
NE1	Off
HE2	On
HE4	On
NE2	Off
SP5	Off
SP6	Off
SP7	Off
SP8	Off
SP1	Off
SP2	Off
SP3	Off
SP4	Off
Position mode	L-P-H
Positioning mode	ISO
Table position	F

Siemens_3T_Skyra_D11_HR.txt

Table position	0 mm
MSMA	S - C - T
Sagittal	L >> R
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
AutoAlign	---
Auto Coil Select	Off
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	220 mm
R >> L	220 mm
F >> H	175 mm
Frequency 1H	123.200000 MHz
Correction factor	1
SLoopRsel 1H	339.580 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000
Physio	
1st Signal /Mode	None
Magn. preparation	Slice-sel. IR
TI	2500 ms
Dark blood	Off
Trajectory	Cartesian
Resp. control	Off
Inline	
Inline Composing	Off
Distortion correction	Off
Sequence	
Introduction	On
Dimension	2D
Compensate T2 decay	Off
Averaging mode	Long term
Multi-slice mode	Interleaved
Reduce Motion Sens.	Off
Contrasts	1
Bandwidth	222 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	8.31 ms
Define	Turbo factor
Turbo factor	19
Echo trains per slice	8
RF pulse type	Fast
Gradient mode	Fast
Hyperecho	Off
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HE1-4
Acquisition duration	0 ms
Mode	Off
BOLD	
Subtract	Off

Siemens_3T_Skyra_D11_HR.txt

Save images	On
Autoscaling	Off
Scaling factor	1
Offset	0
Subtrahend	1
Subtraction indices	
StdDev	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
Radial MIP	Off
Save original images	On
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Contrasts	1
Save original images	On
Number of radial views	1
Axis of radial views	L-R
MPR Sag	Off
MPR Cor	Off
MPR Tra	Off

SIEMENS MAGNETOM Skyra syngo MR D11

 \\USER\Siemens_3T_Skyra_D11_HR\ADNI 2\HUMAN\AX_T2_STAR
 TA: 4: 11 PAT: Off Voxel size: 0.9x0.9x4.0 mm Rel. SNR: 1.00 : fl_r

Properties

Prio Recon	Off
Before measurement	
After measurement	
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 slice groups	1
Slices	44
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	R >> L
AutoAlign	---
Phase oversampling	0 %
FoV read	220 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	650.0 ms
TE	20.00 ms
Averages	1
Concatenations	2
Filter	Distortion Corr. (2D), Prescan

Siemens_3T_Skyra_D11_HR.txt

Normalize, Elliptical filter	
Coil elements	HE1-4
Contrast	
TD	0 ms
MTC	Off
Magn. preparation	None
Flip angle	20 deg
Fat suppr.	None
Water suppr.	None
SWI	Off
Averaging mode	Long term
Measurements	1
Reconstruction	Magnitude
Multiple series	Each measurement
Resolution	
Base resolution	256
Phase resolution	75 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	None
Image Filter	Off
Distortion Corr.	On
TD	0 ms
Mode	2D
Unfiltered images	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane
Geometry	
Nr. of slice groups	1
Slices	44
Dist. factor	0 %
Position	Isocenter
Phase enc. dir.	R >> L
Phase oversampling	0 %
Multi-slice mode	Interleaved
Series	Interleaved
Saturation mode	Standard
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	None
Water suppr.	None
Special sat.	None
Special sat.	None
Set-n-Go Protocol	Off
Table position	P
Inline Compositing	Off
Tim CT mode	Off
System	
Body	Off
HE1	On
HE3	On
NE1	Off
HE2	On
HE4	On
NE2	Off
Position mode	L-P-H
Positioning mode	ISO
Table position	F

Siemens_3T_Skyra_D11_HR.txt

Table position	0 mm
MSMA	S - C - T
Sagittal	L >> R
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
AutoAlign	---
Auto Coil Select	Default
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	123.200000 MHz
Correction factor	1
SRFExcit 1H	92.684 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000
Physio	
1st Signal /Mode	None
Segments	1
Tagging	None
Magn. preparation	None
Dark blood	Off
Resp. control	Off
Inline	
Inline Composing	Off
Distortion correction	Off
Sequence	
Introduction	On
Dimension	2D
Phase stabilization	Off
Averaging mode	Long term
Multi-slice mode	Interleaved
Asymmetric echo	Off
Contrasts	1
Bandwidth	200 Hz/Px
Flow comp.	Slice/Read
Allowed delay	20 s
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-select.
RF spoiling	On
TX/RX delta frequency	0 Hz
TX Nucl eus	None
TX delta frequency	0 Hz
Coil elements	HE1-4
Acquisition duration	0 ms
Mode	Off
BOLD	
Subtract	Off
Liver registration	Off
Save images	On
Autoscaling	Off

Siemens_3T_Skyra_D11_HR.txt

Scaling factor	1
Offset	0
Subtrahend	1
Subtraction indices	
StdDev	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
Radial MIP	Off
Save original images	On
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
MapIt	None
Contrasts	1
Save original images	On
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Number of radial views	1
Axis of radial views	L-R
MPR Sag	Off
MPR Cor	Off
MPR Tra	Off

SIEMENS MAGNETOM Skyra syngo MR D11

 \\USER\Siemens_3T_Skyra_D11_HR\ADNI_2\HUMAN\ASL_PERFUSION
 TA: 6:02 PAT: Off Voxel size: 3.8x3.8x4.0 mm Rel. SNR: 1.00 : epfi d

Properties	
Prio Recon	Off
Before measurement	
After measurement	
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 slice groups	1
Slices	24
Dist. factor	25 %
Position	Isocenter
Orientati on	Transversal
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
FoV read	240 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	3400 ms

Siemens_3T_Skyra_D11_HR.txt

TE	13.0 ms
Averages	1
Concatenations	1
Filter	Distortion Corr. (2D), Prescan Normalize
Coil elements	HE1-4
Contrast	
Flip angle	90 deg
Fat suppr.	Fat sat.
Fat sat. mode	Strong
Averaging mode	Long term
Measurements	105
Delay in TR	0 ms
Reconstruction	Magnitude
Multiple series	Off
Perfusion mode	PI CORE Q2T
Flow limit	100.0 cm/s
Bolus Duration	700 ms
Inversion Time	syngo. MR. ProtBasic. Interop. ValueArray
Inversion Array Size	1
Resolution	
Base resolution	64
Phase resolution	100 %
Phase partial Fourier	6/8
Interpolation	Off
PAT mode	None
Distortion Corr.	On
Hamming	Off
Mode	2D
Prescan Normalize	On
Raw filter	Off
Elliptical filter	Off
Geometry	
Nr. of slice groups	1
Slices	24
Dist. factor	25 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	0 %
Multi-slice mode	Interleaved
Series	Ascending
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	Fat sat.
Special sat.	Parallel F
Gap	25.4 mm
Thickness	100 mm
Fat sat. mode	Strong
Special sat.	Parallel F
Set-n-Go Protocol	Off
Table position	P
Inline Composing	Off
System	
Body	Off
HE1	On
HE3	On
NE1	Off
HE2	On
HE4	On
NE2	Off
Position mode	L-P-H
Positioning mode	ISO
Table position	H

Siemens_3T_Skyra_D11_HR.txt

Table position	0 mm
MSMA	S - C - T
Sagittal	L >> R
Coronal	P >> A
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	---
Auto Coil Select	Off
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	240 mm
A >> P	240 mm
F >> H	119 mm
Frequency 1H	123.200000 MHz
Correction factor	1
Pass FSCSatNS 1H	83.814 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000
Physio	
1st Signal /Mode	None
Inline	
Inline Composing	Off
Distortion correction	Off
Sequence	
Introducti on	On
Averaging mode	Long term
Multi-slice mode	Interleaved
Bandwidth	2368 Hz/Px
Free echo spacing	Off
Echo spacing	0.5 ms
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HE1-4
Acquisition duration	0 ms
BOLD	
GLM Statistics	Off
Dynamic t-maps	Off
Starting ignore meas	0
Ignore after transition	0
Model transition states	Off
Temp. highpass filter	On
Threshold	4.00
Paradigm size	4
Motion correction	On
Spatial filter	On
Filter Width	2.0 mm
Delay in TR	0 ms
Distortion Corr.	On
Mode	2D
Interpolation	3D-K-space

SIEMENS MAGNETOM Skyra syngo MR D11

 \\USER\Siemens_3T_Skyra_D11_HR\ADNI 2\HUMAN\Axial T2 TSE with Fat Sat
 TA: 3:26 PAT: Off Voxel size: 0.9x0.9x4.0 mm Rel. SNR: 1.00 : tse

Properties

Prio Recon Off
 Before measurement
 After measurement
 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 44
 Dist. factor 0 %
 Position Isocenter
 Orientation Transversal
 Phase enc. dir. R >> L
 AutoAlign ---
 Phase oversampling 0 %
 FoV read 240 mm
 FoV phase 90.6 %
 Slice thickness 4.0 mm
 TR 4000.0 ms
 TE 78.0 ms
 Averages 1
 Concatenations 3
 Filter Distortion Corr. (2D), Prescan

Normalize, Elliptical filter

Coil elements HE1-4

Contrast

TD 0.0 ms
 MTC Off
 Magn. preparation None
 Flip angle 150 deg
 Fat suppr. Fat sat.
 Fat sat. mode Strong
 Water suppr. None
 Restore magn. Off
 Averaging mode Long term
 Measurements 1
 Reconstruction Magnitude
 Multiple series Each measurement

Resolution

Base resolution 256
 Phase resolution 100 %
 Phase partial Fourier Off
 Trajectory Cartesian
 Interpolation Off
 PAT mode None
 Image Filter Off
 Distortion Corr. On
 TD 0.0 ms
 Mode 2D
 Unfiltered images Off
 Unfiltered images Off

Siemens_3T_Skyra_D11_HR.txt

Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane
Geometry	
Nr. of slice groups	1
Slices	44
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.	Fat sat.
Water suppr.	None
Special sat.	None
Fat sat. mode	Strong
Special sat.	None
Set-n-Go Protocol	Off
Table position	P
Inline Composing	Off
Restore magn.	Off
Tim CT mode	Off
System	
Body	Off
HE1	On
HE3	On
NE1	Off
HE2	On
HE4	On
NE2	Off
SP5	Off
SP6	Off
SP7	Off
SP8	Off
SP1	Off
SP2	Off
SP3	Off
SP4	Off
Position mode	L-P-H
Positioning mode	REF
Table position	F
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	---
AutoCoil Select	Off
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

Siemens_3T_Skyra_D11_HR.txt

Rotati on	90.00 deg
A >> P	240 mm
R >> L	218 mm
F >> H	176 mm
Frequency 1H	123.200000 MHz
Correcti on factor	1
SLoopFCSatNS 1H	95.922 V
Gain	High
Table posi ti on	0 mm
Img. Scale. Cor.	1.000
Physi o	
1st Signal /Mode	None
Magn. preparati on	None
Dark blood	Off
Trajectory	Cartesi an
Resp. control	Off
Inl ine	
Inl ine Composi ng	Off
Di storti on correcti on	Off
Sequence	
Introducti on	On
Di mensi on	2D
Compensate T2 decay	Off
Averagi ng mode	Long term
Mul ti -slice mode	Interleaved
Reduce Moti on Sens.	On
Contrasts	1
Bandwi dth	190 Hz/Px
Flow comp.	No
Al l owed del ay	60 s
Echo spacing	11.1 ms
Defi ne	Turbo factor
Turbo factor	15
Echo trains per slice	16
RF pulse type	Low SAR
Gradient mode	Normal
Hyperecho	Off
TX/RX del ta frequency	0 Hz
TX Nucl eus	None
TX del ta frequency	0 Hz
Coil el ements	HE1-4
Acqui si ti on durati on	0 ms
Mode	Off
BOLD	
Subtract	Off
Save i mages	On
Autoscal i ng	Off
Scal i ng factor	1
Offset	0
Subtrahend	1
Subtracti on i ndi ces	
StdDev	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Ti me	Off
MI P-Sag	Off
MI P-Cor	Off
MI P-Tra	Off
MI P-Ti me	Off
Radi al MI P	Off
Save ori gi nal i mages	On
Di storti on Corr.	On

Siemens_3T_Skyra_D11_HR.txt

Mode 2D
 Unfiltered images Off
 Contrasts 1
 Save original images On
 Number of radial views 1
 Axis of radial views L-R
 MPR Sag Off
 MPR Cor Off
 MPR Tra Off

SIEMENS MAGNETOM Skyra syngo MR D11

 \\USER\Siemens_3T_Skyra_D11_HR\ADNI 2\HUMAN\HighResHippo
 TA: 8:11 PAT: Off Voxel size: 0.4x0.4x2.0 mm Rel. SNR: 1.00 : tse

Properties

Prio Recon Off
 Before measurement
 After measurement
 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 30
 Dist. factor 0 %
 Position L6.5 P19.4 F15.6 mm
 Orientation C > T-31.1 > S1.9
 Phase enc. dir. R >> L
 AutoAlign ---
 Phase oversampling 100 %
 FoV read 175 mm
 FoV phase 100.0 %
 Slice thickness 2.0 mm
 TR 8020.0 ms
 TE 50.0 ms
 Averages 1
 Concatenations 1
 Filter Distortion Corr. (2D), Elliptical filter

Coil elements HE1-4

Contrast

MTC Off
 Magn. preparation None
 Flip angle 122 deg
 Fat suppr. None
 Water suppr. None
 Restore magn. Off
 Averaging mode Long term
 Measurements 1
 Reconstruction Magnitude
 Multiple series Each measurement

Resolution

Base resolution 448
 Phase resolution 100 %
 Phase partial Fourier Off
 Trajectory Cartesian

Siemens_3T_Skyra_D11_HR.txt

Interpolation	Off
PAT mode	None
Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane
Geometry	
Nr. of slice groups	1
Slices	30
Dist. factor	0 %
Position	L6.5 P19.4 F15.6 mm
Phase enc. dir.	R >> L
Phase oversampling	100 %
Multi-slice mode	Interleaved
Series	Interleaved
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	None
Water suppr.	None
Special sat.	None
Special sat.	None
Set-n-Go Protocol	Off
Table position	P
Inline Compositing	Off
Restore magn.	Off
Tim CT mode	Off
System	
Body	Off
HE1	On
HE3	On
NE1	Off
HE2	On
HE4	On
NE2	Off
Position mode	L-P-H
Positioning mode	FIX
Table position	F
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	---
Auto Coil Select	Default
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	L6.5 P19.4 F15.6 mm
Rotation	-2.20 deg
F >> H	175 mm
R >> L	175 mm

Siemens_3T_Skyra_D11_HR.txt

A >> P	60 mm
Frequency 1H	123.200000 MHz
Correction factor	1
VExcit 1H	360.522 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000
Physio	
1st Signal /Mode	None
Magn. preparation	None
Dark blood	Off
Trajectory	Cartesian
Resp. control	Off
Inline	
Inline Composing	Off
Distortion correction	Off
Sequence	
Introduction	On
Dimension	2D
Compensate T2 decay	Off
Averaging mode	Long term
Multi-slice mode	Interleaved
Reduce Motion Sens.	Off
Contrasts	1
Bandwidth	100 Hz/Px
Flow comp.	No
Allowed delay	180 s
Echo spacing	16.5 ms
Define	Turbo factor
Turbo factor	15
Echo trains per slice	60
RF pulse type	Fast
Gradient mode	Normal
Hyperecho	Off
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HE1-4
Acquisition duration	0 ms
Mode	Off
BOLD	
Subtract	Off
Save images	On
Autoscaling	Off
Scaling factor	1
Offset	0
Subtrahend	1
Subtraction indices	
StdDev	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
Radial MIP	Off
Save original images	On
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Contrasts	1

Siemens_3T_Skyra_D11_HR.txt

Save original images	On
Number of radial views	1
Axis of radial views	L-R
MPR Sag	Off
MPR Cor	Off
MPR Tra	Off

SIEMENS MAGNETOM Skyra syngo MR D11

 \\USER\Siemens_3T_Skyra_D11_HR\ADNI 2\HUMAN\gre_fiel_d_mapping
 TA: 2: 07 Voxel size: 1.7x1.7x3.0 mm Rel. SNR: 1.00 : fm_r

Properties

Prio Recon	Off
Before measurement	
After measurement	
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	On
Start measurements	single

Routine

Nr. of slice groups	1
Slices	45
Dist. factor	25 %
Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	H >> F
AutoAlign	---
Phase oversampling	0 %
FoV read	212 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	488.0 ms
TE 1	4.92 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	HE1-4

Contrast

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

Resolution

Base resolution	128
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
Image Filter	Off
Distortion Corr.	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	Off

Siemens_3T_Skyra_D11_HR.txt

```

Geometry
  Nr. of slice groups      1
  Slices                   45
  Dist. factor             25 %
  Position                 Isocenter
  Phase enc. dir.         H >> F
  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
  Set-n-Go Protocol       Off
  Table position         P
  Inline Composing       Off

System
  Body                     Off
  HE1                      On
  HE3                      On
  NE1                      Off
  HE2                      On
  HE4                      On
  NE2                      Off
  SP5                      Off
  SP6                      Off
  SP7                      Off
  SP8                      Off
  SP1                      Off
  SP2                      Off
  SP3                      Off
  SP4                      Off
  Position mode           L-P-H
  Positioning mode       FIX
  Table position         H
  Table position         0 mm
  MSMA                     S - C - T
  Sagittal                 L >> R
  Coronal                  P >> A
  Transversal              F >> H
  Save uncombined         Off
  Coil Combine Mode       Sum of Squares
  AutoAlign               ---
  Auto Coil Select        Off
  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                   212 mm
  F >> H                   212 mm
  R >> L                   168 mm
  Frequency 1H            123.200000 MHz
  Correction factor       1
  01GreFCE 1H            278.052 V
  Gain                    High
  Table position         0 mm
  Img. Scale. Cor.       1.000

```

Physio		
Inline		
Inline Composing		Off
Distortion correction		Off
Sequence		
Introduction		On
Dimension		2D
Averaging mode		Long term
Multi-slice mode		Interleaved
Asymmetric echo		Off
Contrasts		2
Bandwidth		260 Hz/Px
Flow comp.		Yes
RF pulse type		Fast
Gradient mode		Fast
RF spoiling		On
TX/RX delta frequency		0 Hz
TX Nucleus		None
TX delta frequency		0 Hz
Coil elements		HE1-4
Acquisition duration		0 ms
Mode		Off
BOLD		
Distortion Corr.		Off
Contrasts		2

SIEMENS MAGNETOM Skyra syngo MR D11

 \\USER\Siemens_3T_Skyra_D11_HR\ADNI 2\PHANTOM\localizer
 TA: 0:10 PAT: Off Voxel size: 1.5x1.5x8.0 mm Rel. SNR: 1.00 : fl

Properties		
Prio Recon		Off
Before measurement		
After measurement		
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		3
Slices		1
Dist. factor		20 %
Position		Isocenter
Orientation		Sagittal
Phase enc. dir.		A >> P
AutoAlign		---
Phase oversampling		0 %
FoV read		280 mm
FoV phase		100.0 %
Slice thickness		8.0 mm
TR		20.0 ms
TE		5.00 ms
Averages		1
Concatenations		3
Filter		Raw filter, Distortion Corr. (2D)
Coil elements		HE1-4
Contrast		

Siemens_3T_Skyra_D11_HR.txt

TD	0 ms
MTC	Off
Magn. preparation	None
Flip angle	40 deg
Fat suppr.	None
Water suppr.	None
SWI	Off
Averaging mode	Short term
Measurements	1
Reconstruction	Magnitude
Multiple series	Each measurement
Resolution	
Base resolution	192
Phase resolution	75 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	None
Image Filter	Off
Distortion Corr.	On
TD	0 ms
Mode	2D
Unfiltered images	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off
Raw filter	On
Intensity	Weak
Slope	25
Elliptical filter	Off
Geometry	
Nr. of slice groups	3
Slices	1
Dist. factor	20 %
Position	Isocenter
Phase enc. dir.	A >> P
Phase oversampling	0 %
Multi-slice mode	Sequential
Series	Ascending
Saturation mode	Standard
Nr. of sat. regions	0
Position mode	L-P-H
Fat suppr.	None
Water suppr.	None
Special sat.	None
Special sat.	None
Set-n-Go Protocol	Off
Table position	P
Inline Compositing	Off
Tim CT mode	Off
System	
Body	Off
HE1	On
HE3	On
NE1	Off
HE2	On
HE4	On
NE2	Off
Position mode	L-P-H
Positioning mode	ISO
Table position	F
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L

Siemens_3T_Skyra_D11_HR.txt

Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
AutoAlign	---
Auto Coil Select	Default
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	123.200000 MHz
Correction factor	1
SRFExcit 1H	107.818 V
Gain	High
Table position	0 mm
Img. Scale. Cor.	1.000
Physio	
1st Signal /Mode	None
Segments	1
Tagging	None
Magn. preparation	None
Dark blood	Off
Resp. control	Off
Inline	
Inline Compositing	Off
Distortion correction	Off
Sequence	
Introduction	On
Dimension	2D
Phase stabilisation	Off
Averaging mode	Short term
Multi-slice mode	Sequential
Asymmetric echo	Off
Contrasts	1
Bandwidth	180 Hz/Px
Flow comp.	No
Allowed delay	0 s
RF pulse type	Normal
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz
Coil elements	HE1-4
Acquisition duration	0 ms
Mode	Off
BOLD	
Subtract	Off
Liver registration	Off
Save images	On
Autoscaling	Off
Scaling factor	1
Offset	0
Subtrahend	1

Siemens_3T_Skyra_D11_HR.txt

Subtraction indices	
StdDev	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
Radial MIP	Off
Save original images	On
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
MapIt	None
Contrasts	1
Save original images	On
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Number of radial views	1
Axis of radial views	L-R
MPR Sag	Off
MPR Cor	Off
MPR Tra	Off

SIEMENS MAGNETOM Skyra syngo MR D11

 \\USER\Siemens_3T_Skyra_D11_HR\ADNI 2\PHANTOM\MPRAGE_GRAPPA2_3D_DISS_COR
 TA: 5:12 PAT: 2 Voxel size: 1.1x1.1x1.3 mm Rel. SNR: 1.00 : tfl

Properties

Prior Recon	Off
Before measurement	
After measurement	
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 slab groups	1
Slabs	1
Dist. factor	50 %
Position	L2.0 P12.2 H0.1 mm
Orientation	Sagittal
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
Slice oversampling	0.0 %
FoV read	270 mm
FoV phase	93.8 %
Slice thickness	1.30 mm
TR	2300.0 ms
TE	2.95 ms
Averages	1

Siemens_3T_Skyra_D11_HR.txt

Concatenations	1
Filter	Distortion Corr. (3D), Prescan Normalize
Coil elements	HE1-4
Contrast	
Magn. preparation	Non-sel. IR
TI	900 ms
Flip angle	9 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	Off
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	L2.0 P12.2 H0.1 mm
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
Set-n-Go Protocol	Off
Table position	P
Inline Composing	Off
System	
Body	Off
HE1	On
HE3	On
NE1	Off
HE2	On
HE4	On
NE2	Off

Siemens_3T_Skyra_D11_HR.txt

SP5	Off
SP6	Off
SP7	Off
SP8	Off
SP1	Off
SP2	Off
SP3	Off
SP4	Off
Position mode	L-P-H
Positioning mode	ISO
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	---
AutoCoil Select	Off
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	L2.0 P12.2 H0.1 mm
Rotation	0.00 deg
F >> H	270 mm
A >> P	254 mm
R >> L	229 mm
Frequency 1H	123.200000 MHz
Correction factor	1
SLoopIRns1 1H	509.370 V
Gain	Low
Table position	0 mm
Img. Scale. Cor.	1.000
Physio	
1st Signal /Mode	None
Magn. preparation	Non-sel. IR
TI	900 ms
Dark blood	Off
Resp. control	Off
Inline	
Inline Composing	Off
Distortion correction	Off
Sequence	
Introduction	On
Dimension	3D
Elliptical scanning	Off
Averaging mode	Long term
Multi-slice mode	Single shot
Reordering	Li near
Asymmetric echo	Off
Bandwidth	240 Hz/Px
Flow comp.	No
Echo spacing	7 ms
Turbo factor	176
RF pulse type	Fast
Gradient mode	Normal
Excitation	Non-sel.
RF spoiling	On

Siemens_3T_Skyra_D11_HR.txt

	TX/RX delta frequency	0 Hz
	TX Nucleus	None
	TX delta frequency	0 Hz
	Coil elements	HE1-4
	Acquisition duration	0 ms
	Mode	Off
BOLD	Subtract	Off
	Save images	On
	Autoscaling	Off
	Scaling factor	1
	Offset	0
	Subtrahend	1
	Subtraction indices	
	StdDev	Off
	Std-Dev-Sag	Off
	Std-Dev-Cor	Off
	Std-Dev-Tra	Off
	Std-Dev-Ti me	Off
	MIP-Sag	Off
	MIP-Cor	Off
	MIP-Tra	Off
	MIP-Ti me	Off
	Radial MIP	Off
	Save original images	On
	Distortion Corr.	On
	Mode	3D
	Unfiltered images	Off
	Save original images	On
	Number of radial views	1
	Axis of radial views	L-R
	MPR Sag	Off
	MPR Cor	Off
	MPR Tra	Off

SIEMENS MAGNETOM Skyra syngo MR D11

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			MPRAGE
			MPRAGE_GRAPPA2
			AX_T2_FLAIR
			AX_T2_STAR
			ASL_PERFUSION
			Axial T2 TSE with Fat Sat
			HighResHippo
			gre_field_mapping
		PHANTOM	Localizer
			MPRAGE_GRAPPA2_3D_DIS_COR