

SIEMENS MAGNETOM Investigational_Device_7T syngo MR B17

\\USER\RESEARCH\GCO-13-1510-J.Xu\20180511_CSC_GMWM_Challenge\medic_C2-3_3TE1st_0p3x3mm_
TA: 2:47 PAT: 3 Voxel size: 0.3x0.3x3.0 mm Rel. SNR: 1.00 USER: eja_gre_qmt

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
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	9
Dist. factor	100 %
Position	L1.1 A22.6 F19.7
Orientation	T > C3.0 > S-1.6
Phase enc. dir.	R >> L
Rotation	90.00 deg
Phase oversampling	0 %
FoV read	156 mm
FoV phase	59.4 %
Slice thickness	3.00 mm
TR	225 ms
TE 1	3.28 ms
TE 2	9.23 ms
TE 3	15.18 ms
Averages	4
Concatenations	1
Filter	None
Coil elements	C10,12,13,15,16,18,19,22;Ch2

Contrast

MTC	Off
Magn. preparation	None
Flip angle	17 deg
Fat suppr.	None
Water suppr.	None
SWI	Off
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	512
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	128
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off

Raw filter	Off
Elliptical filter	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved
Saturation mode	Standard
Special sat.	None
Table position	H
Table position	0 mm
Inline Composing	Off

System

C15	On
C16	On
C17	Off
C18	On
C19	On
C20	Off
C21	Off
C22	On
Ch1	Off
Ch2	On
Ch3	On
Ch4	Off
Ch5	On
Ch6	On
Ch7	On
Ch8	On
Ch9	On
C10	On
C11	Off
C12	On
C13	On
C14	Off

Positioning mode	FIX
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 Silicone	Off
! Ref. amplitude 1H	250.000 V
Adjustment Tolerance	Auto
Adjust volume	
! Position	L2.3 A20.1 F19.5
! Orientation	Sagittal
! Rotation	-7.20 deg
! F >> H	50 mm
! A >> P	20 mm
! R >> L	20 mm

Physio

1st Signal/Mode	None
Segments	1
Tagging	None
Dark blood	Off

Inline

Subtract	Off
Liver registration	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On
<hr/>	
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
<hr/>	
MapIt	None
Contrasts	3

Sequence

Introduction	Off
Dimension	2D
Phase stabilisation	Off
Reordering	Linear
Asymmetric echo	Allowed
Bandwidth 1	260 Hz/Px
Bandwidth 2	260 Hz/Px
Bandwidth 3	260 Hz/Px
Flow comp. 1	Slice
Flow comp. 2	No
Flow comp. 3	No
Readout mode	Monopolar
<hr/>	
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On
<hr/>	
B0/B1 mapping	None
FFT scale factor	1.00
Trigger per meas.	Off
<hr/>	
TX/RX Nucleus	1H
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz

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\\USER\RESEARCH\GCO-13-1510-J.Xu\20180511_CSC_GMWM_Challenge\medic_C2-3_3TE2nd_0p3x3mm

TA: 2:47 PAT: 3 Voxel size: 0.3x0.3x3.0 mm Rel. SNR: 1.00 USER: eja_gre_qmt

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
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	9
Dist. factor	100 %
Position	L1.1 A22.6 F19.7
Orientation	T > C3.0 > S-1.6
Phase enc. dir.	R >> L
Rotation	90.00 deg
Phase oversampling	0 %
FoV read	156 mm
FoV phase	59.4 %
Slice thickness	3.00 mm
TR	225 ms
TE 1	5.28 ms
TE 2	11.23 ms
TE 3	17.18 ms
Averages	4
Concatenations	1
Filter	None
Coil elements	C10,12,13,15,16,18,19,22;Ch2

Contrast

MTC	Off
Magn. preparation	None
Flip angle	17 deg
Fat suppr.	None
Water suppr.	None
SWI	Off
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	512
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	128
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off

Raw filter	Off
Elliptical filter	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved
Saturation mode	Standard
Special sat.	None
Table position	H
Table position	0 mm
Inline Composing	Off

System

C15	On
C16	On
C17	Off
C18	On
C19	On
C20	Off
C21	Off
C22	On
Ch1	Off
Ch2	On
Ch3	On
Ch4	Off
Ch5	On
Ch6	On
Ch7	On
Ch8	On
Ch9	On
C10	On
C11	Off
C12	On
C13	On
C14	Off

Positioning mode	FIX
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 Silicone	Off
! Ref. amplitude 1H	250.000 V
Adjustment Tolerance	Auto
Adjust volume	
! Position	L2.3 A20.1 F19.5
! Orientation	Sagittal
! Rotation	-7.20 deg
! F >> H	50 mm
! A >> P	20 mm
! R >> L	20 mm

Physio

1st Signal/Mode	None
Segments	1
Tagging	None
Dark blood	Off

Inline

Subtract	Off
Liver registration	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On
<hr/>	
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
<hr/>	
MapIt	None
Contrasts	3

Sequence

Introduction	Off
Dimension	2D
Phase stabilisation	Off
Reordering	Linear
Asymmetric echo	Allowed
Bandwidth 1	260 Hz/Px
Bandwidth 2	260 Hz/Px
Bandwidth 3	260 Hz/Px
Flow comp. 1	Slice
Flow comp. 2	No
Flow comp. 3	No
Readout mode	Monopolar
<hr/>	
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On
<hr/>	
B0/B1 mapping	None
FFT scale factor	1.00
Trigger per meas.	Off
<hr/>	
TX/RX Nucleus	1H
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz

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\\USER\RESEARCH\GCO-13-1510-J.Xu\20180511_CSC_GMWM_Challenge\medic_C2-3_3TE3rd_0p3x3mm_

TA: 2:47 PAT: 3 Voxel size: 0.3x0.3x3.0 mm Rel. SNR: 1.00 USER: eja_gre_qmt

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
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	9
Dist. factor	100 %
Position	L1.1 A22.6 F19.7
Orientation	T > C3.0 > S-1.6
Phase enc. dir.	R >> L
Rotation	90.00 deg
Phase oversampling	0 %
FoV read	156 mm
FoV phase	59.4 %
Slice thickness	3.00 mm
TR	225 ms
TE 1	7.28 ms
TE 2	13.23 ms
TE 3	19.18 ms
Averages	4
Concatenations	1
Filter	None
Coil elements	C10,12,13,15,16,18,19,22;Ch2

Contrast

MTC	Off
Magn. preparation	None
Flip angle	17 deg
Fat suppr.	None
Water suppr.	None
SWI	Off
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	512
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	128
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off

Raw filter	Off
Elliptical filter	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved
Saturation mode	Standard
Special sat.	None
Table position	H
Table position	0 mm
Inline Composing	Off

System

C15	On
C16	On
C17	Off
C18	On
C19	On
C20	Off
C21	Off
C22	On
Ch1	Off
Ch2	On
Ch3	On
Ch4	Off
Ch5	On
Ch6	On
Ch7	On
Ch8	On
Ch9	On
C10	On
C11	Off
C12	On
C13	On
C14	Off

Positioning mode	FIX
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 Silicone	Off
! Ref. amplitude 1H	250.000 V
Adjustment Tolerance	Auto
Adjust volume	
! Position	L2.3 A20.1 F19.5
! Orientation	Sagittal
! Rotation	-7.20 deg
! F >> H	50 mm
! A >> P	20 mm
! R >> L	20 mm

Physio

1st Signal/Mode	None
Segments	1
Tagging	None
Dark blood	Off

Inline

Subtract	Off
Liver registration	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On
<hr/>	
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
<hr/>	
MapIt	None
Contrasts	3

Sequence

Introduction	Off
Dimension	2D
Phase stabilisation	Off
Reordering	Linear
Asymmetric echo	Allowed
Bandwidth 1	260 Hz/Px
Bandwidth 2	260 Hz/Px
Bandwidth 3	260 Hz/Px
Flow comp. 1	Slice
Flow comp. 2	No
Flow comp. 3	No
Readout mode	Monopolar
<hr/>	
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On
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B0/B1 mapping	None
FFT scale factor	1.00
Trigger per meas.	Off
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TX/RX Nucleus	1H
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz

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\\USER\RESEARCH\GCO-13-1510-J.Xu\20180511_CSC_GMWM_Challenge\medic_C2-3_3TE1st_0p3x3mm_

TA: 2:47 PAT: 3 Voxel size: 0.3x0.3x3.0 mm Rel. SNR: 1.00 USER: eja_gre_qmt

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
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	9
Dist. factor	100 %
Position	L1.1 A22.6 F19.7
Orientation	T > C3.0 > S-1.6
Phase enc. dir.	R >> L
Rotation	90.00 deg
Phase oversampling	0 %
FoV read	156 mm
FoV phase	59.4 %
Slice thickness	3.00 mm
TR	225 ms
TE 1	3.28 ms
TE 2	9.23 ms
TE 3	15.18 ms
Averages	4
Concatenations	1
Filter	None
Coil elements	C10,12,13,15,16,18,19,22;Ch2

Contrast

MTC	Off
Magn. preparation	None
Flip angle	17 deg
Fat suppr.	None
Water suppr.	None
SWI	Off
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	512
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	128
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off

Raw filter	Off
Elliptical filter	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved
Saturation mode	Standard
Special sat.	None
Table position	H
Table position	0 mm
Inline Composing	Off

System

C15	On
C16	On
C17	Off
C18	On
C19	On
C20	Off
C21	Off
C22	On
Ch1	Off
Ch2	On
Ch3	On
Ch4	Off
Ch5	On
Ch6	On
Ch7	On
Ch8	On
Ch9	On
C10	On
C11	Off
C12	On
C13	On
C14	Off

Positioning mode	FIX
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 Silicone	Off
! Ref. amplitude 1H	250.000 V
Adjustment Tolerance	Auto
Adjust volume	
! Position	L2.3 A20.1 F19.5
! Orientation	Sagittal
! Rotation	-7.20 deg
! F >> H	50 mm
! A >> P	20 mm
! R >> L	20 mm

Physio

1st Signal/Mode	None
Segments	1
Tagging	None
Dark blood	Off

Inline

Subtract	Off
Liver registration	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On
<hr/>	
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
<hr/>	
MapIt	None
Contrasts	3

Sequence

Introduction	Off
Dimension	2D
Phase stabilisation	Off
Reordering	Linear
Asymmetric echo	Allowed
Bandwidth 1	260 Hz/Px
Bandwidth 2	260 Hz/Px
Bandwidth 3	260 Hz/Px
Flow comp. 1	Slice
Flow comp. 2	No
Flow comp. 3	No
Readout mode	Monopolar
<hr/>	
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On
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B0/B1 mapping	None
FFT scale factor	1.00
Trigger per meas.	Off
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TX/RX Nucleus	1H
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz

SIEMENS MAGNETOM Investigational_Device_7T syngo MR B17

\\USER\RESEARCH\GCO-13-1510-J.Xu\20180511_CSC_GMWM_Challenge\medic_C2-3_3TE2nd_0p3x3mm					
TA: 2:47	PAT: 3	Voxel size: 0.3x0.3x3.0 mm	Rel. SNR: 1.00	USER: eja_gre_qmt	

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
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	9
Dist. factor	100 %
Position	L1.1 A22.6 F19.7
Orientation	T > C3.0 > S-1.6
Phase enc. dir.	R >> L
Rotation	90.00 deg
Phase oversampling	0 %
FoV read	156 mm
FoV phase	59.4 %
Slice thickness	3.00 mm
TR	225 ms
TE 1	5.28 ms
TE 2	11.23 ms
TE 3	17.18 ms
Averages	4
Concatenations	1
Filter	None
Coil elements	C10,12,13,15,16,18,19,22;Ch2

Contrast

MTC	Off
Magn. preparation	None
Flip angle	17 deg
Fat suppr.	None
Water suppr.	None
SWI	Off
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	512
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	128
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off

Raw filter	Off
Elliptical filter	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved
Saturation mode	Standard
Special sat.	None
Table position	H
Table position	0 mm
Inline Composing	Off

System

C15	On
C16	On
C17	Off
C18	On
C19	On
C20	Off
C21	Off
C22	On
Ch1	Off
Ch2	On
Ch3	On
Ch4	Off
Ch5	On
Ch6	On
Ch7	On
Ch8	On
Ch9	On
C10	On
C11	Off
C12	On
C13	On
C14	Off

Positioning mode	FIX
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 Silicone	Off
! Ref. amplitude 1H	250.000 V
Adjustment Tolerance	Auto
Adjust volume	
! Position	L2.3 A20.1 F19.5
! Orientation	Sagittal
! Rotation	-7.20 deg
! F >> H	50 mm
! A >> P	20 mm
! R >> L	20 mm

Physio

1st Signal/Mode	None
Segments	1
Tagging	None
Dark blood	Off

Inline

Subtract	Off
Liver registration	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On
<hr/>	
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
<hr/>	
MapIt	None
Contrasts	3

Sequence

Introduction	Off
Dimension	2D
Phase stabilisation	Off
Reordering	Linear
Asymmetric echo	Allowed
Bandwidth 1	260 Hz/Px
Bandwidth 2	260 Hz/Px
Bandwidth 3	260 Hz/Px
Flow comp. 1	Slice
Flow comp. 2	No
Flow comp. 3	No
Readout mode	Monopolar
<hr/>	
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On
<hr/>	
B0/B1 mapping	None
FFT scale factor	1.00
Trigger per meas.	Off
<hr/>	
TX/RX Nucleus	1H
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz

SIEMENS MAGNETOM Investigational_Device_7T syngo MR B17

\\USER\RESEARCH\GCO-13-1510-J.Xu\20180511_CSC_GMWM_Challenge\medic_C2-3_3TE3rd_0p3x3mm_

TA: 2:47 PAT: 3 Voxel size: 0.3x0.3x3.0 mm Rel. SNR: 1.00 USER: eja_gre_qmt

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
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	9
Dist. factor	100 %
Position	L1.1 A22.6 F19.7
Orientation	T > C3.0 > S-1.6
Phase enc. dir.	R >> L
Rotation	90.00 deg
Phase oversampling	0 %
FoV read	156 mm
FoV phase	59.4 %
Slice thickness	3.00 mm
TR	225 ms
TE 1	7.28 ms
TE 2	13.23 ms
TE 3	19.18 ms
Averages	4
Concatenations	1
Filter	None
Coil elements	C10,12,13,15,16,18,19,22;Ch2

Contrast

MTC	Off
Magn. preparation	None
Flip angle	17 deg
Fat suppr.	None
Water suppr.	None
SWI	Off
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	512
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	128
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off

Raw filter	Off
Elliptical filter	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved
Saturation mode	Standard
Special sat.	None
Table position	H
Table position	0 mm
Inline Composing	Off

System

C15	On
C16	On
C17	Off
C18	On
C19	On
C20	Off
C21	Off
C22	On
Ch1	Off
Ch2	On
Ch3	On
Ch4	Off
Ch5	On
Ch6	On
Ch7	On
Ch8	On
Ch9	On
C10	On
C11	Off
C12	On
C13	On
C14	Off

Positioning mode	FIX
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 Silicone	Off
! Ref. amplitude 1H	250.000 V
Adjustment Tolerance	Auto
Adjust volume	
! Position	L2.3 A20.1 F19.5
! Orientation	Sagittal
! Rotation	-7.20 deg
! F >> H	50 mm
! A >> P	20 mm
! R >> L	20 mm

Physio

1st Signal/Mode	None
Segments	1
Tagging	None
Dark blood	Off

Inline

Subtract	Off
Liver registration	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On
<hr/>	
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
<hr/>	
MapIt	None
Contrasts	3

Sequence

Introduction	Off
Dimension	2D
Phase stabilisation	Off
Reordering	Linear
Asymmetric echo	Allowed
Bandwidth 1	260 Hz/Px
Bandwidth 2	260 Hz/Px
Bandwidth 3	260 Hz/Px
Flow comp. 1	Slice
Flow comp. 2	No
Flow comp. 3	No
Readout mode	Monopolar
<hr/>	
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On
<hr/>	
B0/B1 mapping	None
FFT scale factor	1.00
Trigger per meas.	Off
<hr/>	
TX/RX Nucleus	1H
TX/RX delta frequency	0 Hz
TX Nucleus	None
TX delta frequency	0 Hz