

SIEMENS MAGNETOM Espree syngo MR B17

\\USER\\breast\\library\\Kaiser1.5T\\Lokalizer
 TA: 0:17 PAT: Off Voxel size: 1.6x1.6x10.0 mm Rel. SNR: 1.00 SIEMENS: gre

Properties		
Prio Recon	Off	Averaging mode
Before measurement		Reconstruction
After measurement		Measurements
Load to viewer	On	Multiple series
Inline movie	Off	Short term
Auto store images	On	Magnitude
Load to stamp segments	Off	1
Load images to graphic segments	Off	Each measurement
Auto open inline display	Off	Resolution
Start measurement without further preparation	Off	Base resolution
Wait for user to start	Off	Phase resolution
Start measurements	single	Phase partial Fourier
		Interpolation
Routine		PAT mode
Slice group 1		Matrix Coil Mode
Slices	1	Image Filter
Dist. factor	20 %	Distortion Corr.
Position	L82.6 P1.0 H0.0	Prescan Normalize
Orientation	Sagittal	Normalize
Phase enc. dir.	A >> P	B1 filter
Rotation	0.00 deg	Raw filter
Slice group 2		Elliptical filter
Slices	1	Mode
Dist. factor	20 %	Inplane
Position	R79.7 P3.9 H0.0	Geometry
Orientation	Sagittal	Multi-slice mode
Phase enc. dir.	A >> P	Series
Rotation	0.00 deg	Saturation mode
Slice group 3		Standard
Slices	1	Special sat.
Dist. factor	20 %	Set-n-Go Protocol
Position	L0.0 A50.0 H0.0	Off
Orientation	Coronal	Table position
Phase enc. dir.	R >> L	H
Rotation	0.00 deg	Table position
Slice group 4		0 mm
Slices	1	Inline Composing
Dist. factor	20 %	Off
Position	Isocenter	Tim CT mode
Orientation	Transversal	Off
Phase enc. dir.	A >> P	System
Rotation	0.00 deg	Body
Phase oversampling	0 %	BL
FoV read	400 mm	BR
FoV phase	100.0 %	Positioning mode
Slice thickness	10.0 mm	REF
TR	15 ms	MSMA
TE	5.15 ms	S - C - T
Averages	1	Sagittal
Concatenations	4	Coronal
Filter	Elliptical filter	Transversal
Coil elements	BL;BR	Coil Combine Mode
Contrast		Adaptive Combine
TD	0 ms	AutoAlign
MTC	Off	---
Magn. preparation	None	Auto Coil Select
Flip angle	40 deg	Default
Fat suppr.	None	Shim mode
Water suppr.	None	Tune up
SWI	Off	Adjust with body coil
		Off
		Confirm freq. adjustment
		Off
		Assume Silicone
		Off
		? Ref. amplitude 1H
		0.000 V
		Adjustment Tolerance
		Auto
		Adjust volume
		Position
		Isocenter
		Orientation
		Transversal
		Rotation
		0.00 deg
		R >> L
		308 mm
		A >> P
		270 mm
		F >> H
		308 mm
		Physio
		1st Signal/Mode
		None
		Segments
		1

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Tagging	None
Dark blood	Off
Resp. control	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
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Maplt	None
Contrasts	1
Sequence	
Introduction	On
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Off
Bandwidth	140 Hz/Px
Flow comp.	No
RF pulse type	Fast
Gradient mode	Normal
Excitation	Slice-sel.
RF spoiling	On
Algorithm	Undefined
Sleep interv.	0.0 ms

SIEMENS MAGNETOM Espree syngo MR B17

\\USER\\breast\\library\\Kaiser1.5T\\t1-flash2d-cor grappa

TA: 0:43 PAT: 2 Voxel size: 1.5x1.4x3.0 mm Rel. SNR: 1.00 SIEMENS: gre

Properties		Normalize	Off
Prio Recon	Off	B1 filter	Off
Before measurement		Raw filter	Off
After measurement		Elliptical filter	On
Load to viewer	On	Mode	Inplane
Inline movie	Off	Geometry	
Auto store images	On	Multi-slice mode	Interleaved
Load to stamp segments	Off	Series	Interleaved
Load images to graphic segments	On	Saturation mode	Standard
Auto open inline display	Off	Special sat.	None
Start measurement without further preparation	On	Set-n-Go Protocol	
Wait for user to start	Off	Table position	Off
Start measurements	single	Table position	H
Routine		Inline Composing	0 mm
Slice group 1		Tim CT mode	Off
Slices	33	System	
Dist. factor	30 %	Body	Off
Position	L1.0 A44.6 F11.6	BL	On
Orientation	Coronal	BR	On
Phase enc. dir.	F >> H	Positioning mode	REF
Rotation	90.00 deg	MSMA	S - C - T
Phase oversampling	0 %	Sagittal	R >> L
FoV read	350 mm	Coronal	A >> P
FoV phase	100.0 %	Transversal	F >> H
Slice thickness	3.0 mm	Coil Combine Mode	Adaptive Combine
TR	113 ms	AutoAlign	---
TE	4.50 ms	Auto Coil Select	Default
Averages	1	Shim mode	Standard
Concatenations	3	Adjust with body coil	Off
Filter	Prescan Normalize, Elliptical filter	Confirm freq. adjustment	Off
Coil elements	BL;BR	Assume Silicone	Off
Contrast		? Ref. amplitude 1H	0.000 V
TD	0 ms	Adjustment Tolerance	Auto
MTC	Off	Adjust volume	
Magn. preparation	None	! Position	L1.0 A44.6 F11.6
Flip angle	80 deg	! Orientation	Coronal
Fat suppr.	None	! Rotation	90.00 deg
Water suppr.	None	! R >> L	280 mm
SWI	Off	! F >> H	200 mm
Averaging mode		! A >> P	150 mm
Reconstruction	Short term	Physio	
Measurements	Magnitude	1st Signal/Mode	None
Multiple series	1	Segments	1
Resolution		Tagging	None
Base resolution	256	Dark blood	Off
Phase resolution	90 %	Resp. control	
Phase partial Fourier	Off	Off	
Interpolation	On	Inline	
PAT mode	GRAPPA	Subtract	Off
Accel. factor PE	2	Liver registration	Off
Ref. lines PE	24	Std-Dev-Sag	Off
Matrix Coil Mode	CP	Std-Dev-Cor	Off
Reference scan mode	Integrated	Std-Dev-Tra	Off
Image Filter	Off	Std-Dev-Time	Off
Distortion Corr.	Off	MIP-Sag	Off
Unfiltered images	Off	MIP-Cor	Off
Prescan Normalize	On	MIP-Tra	Off
		MIP-Time	Off

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Save original images	On
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Maplt	None
Contrasts	1
Sequence	
Introduction	Off
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Off
Bandwidth	170 Hz/Px
Flow comp.	No
RF pulse type	Fast
Gradient mode	Fast*
Excitation	Slice-sel.
RF spoiling	On
Algorithm	Undefined
Sleep interv.	0.0 ms

SIEMENS MAGNETOM Espree syngo MR B17

\USER\breast\library\Kaiser1.5T\t1-flash2d-tra grappa

TA: 0:26 PAT: 2 Voxel size: 3.4x2.7x3.0 mm Rel. SNR: 1.00 SIEMENS: gre

Properties		Normalize	Off
Prio Recon	Off	B1 filter	Off
Before measurement		Raw filter	Off
After measurement		Elliptical filter	On
Load to viewer	On	Mode	Inplane
Inline movie	Off	Geometry	
Auto store images	On	Multi-slice mode	Interleaved
Load to stamp segments	Off	Series	Interleaved
Load images to graphic segments	On	Saturation mode	Standard
Auto open inline display	Off	Special sat.	None
Start measurement without further preparation	On	Set-n-Go Protocol	
Wait for user to start	Off	Table position	Off
Start measurements	single	Table position	H
Routine		Inline Composing	0 mm
Slice group 1		Tim CT mode	Off
Slices	44	System	
Dist. factor	0 %	Body	Off
Position	L1.0 A16.5 F3.5	BL	On
Orientation	Transversal	BR	On
Phase enc. dir.	R >> L	Positioning mode	REF
Rotation	90.00 deg	MSMA	S - C - T
Phase oversampling	0 %	Sagittal	R >> L
FoV read	350 mm	Coronal	A >> P
FoV phase	100.0 %	Transversal	F >> H
Slice thickness	3.0 mm	Coil Combine Mode	Adaptive Combine
TR	113 ms	AutoAlign	---
TE	4.56 ms	Auto Coil Select	Default
Averages	1	Shim mode	Standard
Concatenations	4	Adjust with body coil	Off
Filter	Prescan Normalize, Elliptical filter	Confirm freq. adjustment	Off
Coil elements	BL;BR	Assume Silicone	Off
Contrast		? Ref. amplitude 1H	0.000 V
TD	0 ms	Adjustment Tolerance	Auto
MTC	Off	Adjust volume	
Magn. preparation	None	! Position	L1.0 A16.5 F3.5
Flip angle	80 deg	! Orientation	Transversal
Fat suppr.	None	! Rotation	90.00 deg
Water suppr.	None	! A >> P	200 mm
SWI	Off	! R >> L	280 mm
Averaging mode		! F >> H	132 mm
Reconstruction	Short term	Physio	
Measurements	Magnitude	1st Signal/Mode	None
Multiple series	1	Segments	1
Resolution		Tagging	None
Base resolution	128	Dark blood	Off
Phase resolution	80 %	Resp. control	
Phase partial Fourier	7/8	Off	
Interpolation	Off	Inline	
PAT mode	GRAPPA	Subtract	Off
Accel. factor PE	2	Liver registration	Off
Ref. lines PE	24	Std-Dev-Sag	Off
Matrix Coil Mode	CP	Std-Dev-Cor	Off
Reference scan mode	Integrated	Std-Dev-Tra	Off
Image Filter	Off	Std-Dev-Time	Off
Distortion Corr.	Off	MIP-Sag	Off
Unfiltered images	Off	MIP-Cor	Off
Prescan Normalize	On	MIP-Tra	Off
		MIP-Time	Off

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Save original images	On
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Maplt	None
Contrasts	1
Sequence	
Introduction	Off
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Off
Bandwidth	170 Hz/Px
Flow comp.	No
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On
Algorithm	Undefined
Sleep interv.	0.0 ms

SIEMENS MAGNETOM Espreo syngo MR B17

\USER\breast\library\Kaiser1.5T\t1-flash2d-tra_DYN

TA: 6:49 PAT: 2 Voxel size: 1.2x0.9x3.0 mm Rel. SNR: 1.00 SIEMENS: gre

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

Image Filter	Off
Distortion Corr.	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Interleaved
Series	Interleaved
Saturation mode	Standard
Special sat.	None
Set-n-Go Protocol	Off
Table position	H
Table position	0 mm
Inline Composing	Off
Tim CT mode	Off

System

Body	Off
BL	On
BR	On
Positioning mode	FIX
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
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	0.000 V
Adjustment Tolerance	Auto
Adjust volume	
! Position	L1.0 A16.5 F3.5
! Orientation	Transversal
! Rotation	90.00 deg
! A >> P	200 mm
! R >> L	280 mm
! F >> H	200 mm

Physio

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

Inline

Subtract	On
Liver registration	Off
Autoscaling	On
Subtrahend	1
Std-Dev-Sag	Off
Std-Dev-Cor	Off

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Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
MapIt	None
Contrasts	1

Sequence

Introduction	Off
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Off
Bandwidth	170 Hz/Px
Flow comp.	No
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On
Algorithm	Undefined
Sleep interv.	0.0 ms

SIEMENS MAGNETOM Espree syngo MR B17

\USER\breast\library\Kaiser1.5T\t2_tse_tra_512 grappa

TA: 1:41 PAT: 3 Voxel size: 0.8x0.7x3.0 mm Rel. SNR: 1.00 SIEMENS: tse

Properties		Normalize	Off
Prio Recon	Off	B1 filter	Off
Before measurement		Raw filter	Off
After measurement		Elliptical filter	On
Load to viewer	On	Mode	Inplane
Inline movie	Off	Geometry	
Auto store images	On	Multi-slice mode	Interleaved
Load to stamp segments	Off	Series	Interleaved
Load images to graphic segments	Off	Special sat.	None
Auto open inline display	Off	Set-n-Go Protocol	
Start measurement without further preparation	On	Table position	H
Wait for user to start	Off	Table position	0 mm
Start measurements	single	Inline Composing	Off
Routine		Tim CT mode	Off
Slice group 1		System	
Slices	44	Body	Off
Dist. factor	0 %	BL	On
Position	L1.0 A16.5 F3.5	BR	On
Orientation	Transversal	Positioning mode	FIX
Phase enc. dir.	R >> L	MSMA	S - C - T
Rotation	90.00 deg	Sagittal	R >> L
Phase oversampling	0 %	Coronal	A >> P
FoV read	350 mm	Transversal	F >> H
FoV phase	100.0 %	Coil Combine Mode	Adaptive Combine
Slice thickness	3.0 mm	AutoAlign	---
TR	9080 ms	Auto Coil Select	Default
TE	197 ms	Shim mode	Tune up
Averages	1	Adjust with body coil	Off
Concatenations	1	Confirm freq. adjustment	Off
Filter	Prescan Normalize, Elliptical filter	Assume Silicone	Off
Coil elements	BL;BR	? Ref. amplitude 1H	0.000 V
Contrast		Adjustment Tolerance	Auto
MTC	Off	Adjust volume	
Magn. preparation	None	Position	Isocenter
Flip angle	150 deg	Orientation	Transversal
Fat suppr.	None	Rotation	0.00 deg
Water suppr.	None	R >> L	308 mm
Restore magn.	Off	A >> P	270 mm
Averaging mode	Long term	F >> H	308 mm
Reconstruction	Magnitude	Physio	
Measurements	1	1st Signal/Mode	None
Multiple series	Each measurement	Dark blood	Off
Resolution		Resp. control	Off
Base resolution	512	Inline	
Phase resolution	85 %	Subtract	Off
Phase partial Fourier	Off	Std-Dev-Sag	Off
Trajectory	Cartesian	Std-Dev-Cor	Off
Interpolation	Off	Std-Dev-Tra	Off
PAT mode	GRAPPA	Std-Dev-Time	Off
Accel. factor PE	3	MIP-Sag	Off
Ref. lines PE	38	MIP-Cor	Off
Matrix Coil Mode	Auto (Triple)	MIP-Tra	Off
Reference scan mode	Integrated	MIP-Time	Off
Image Filter	Off	Save original images	On
Distortion Corr.	Off	Sequence	
Unfiltered images	Off	Introduction	On
Prescan Normalize	On		

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Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	Off
Contrasts	1
Bandwidth	160 Hz/Px
Flow comp.	No
Allowed delay	0 s
Echo spacing	11.6 ms
Define	Turbo factor
Turbo factor	17
Echo trains per slice	10
RF pulse type	Normal
Gradient mode	Normal
Algorithm	Undefined
Sleep interv.	0.0 ms

SIEMENS MAGNETOM Espree syngo MR B17

\\USER\\breast\\library\\Kaiser1.5T\\tirm
 TA: 1:58 PAT: 2 Voxel size: 1.1x0.9x3.0 mm Rel. SNR: 1.00 SIEMENS: 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
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	44
Dist. factor	0 %
Position	L1.0 A16.5 F3.5
Orientation	Transversal
Phase enc. dir.	R >> L
Rotation	90.00 deg
Phase oversampling	0 %
FoV read	350 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	2770 ms
TE	69.0 ms
Averages	1
Concatenations	2
Filter	Prescan Normalize, Elliptical filter
Coil elements	BL;BR

Contrast

TD	0.0 ms
MTC	Off
Magn. preparation	Slice-sel. IR
TI	150 ms
Freeze suppressed tissue	Off
Flip angle	150 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	384
Phase resolution	85 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	34
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off

Distortion Corr.	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Interleaved
Series	Interleaved
Special sat.	None
Set-n-Go Protocol	Off
Table position	H
Table position	0 mm
Inline Composing	Off
Tim CT mode	Off

System

Body	Off
BL	On
BR	On
Positioning mode	FIX
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
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	0.000 V
Adjustment Tolerance	Auto
Adjust volume	
Position	L1.0 A16.5 F3.5
Orientation	Transversal
Rotation	90.00 deg
A >> P	350 mm
R >> L	350 mm
F >> H	132 mm

Physio

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

Inline

Subtract	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

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Sequence

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	Off
Contrasts	1
Bandwidth	250 Hz/Px
Flow comp.	No
Allowed delay	0 s
Echo spacing	8.64 ms
<hr/>	
Define	Turbo factor
Turbo factor	9
Echo trains per slice	20
RF pulse type	Normal
Gradient mode	Fast
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Algorithm	Undefined
Sleep interv.	0.0 ms

SIEMENS MAGNETOM Espree syngo MR B17

\\USER\\breast\\library\\Kaiser1.5T\\t1-flash2d-cor grappa

TA: 0:43 PAT: 2 Voxel size: 1.5x1.4x3.0 mm Rel. SNR: 1.00 SIEMENS: gre

Properties		Normalize	Off
Prio Recon	Off	B1 filter	Off
Before measurement		Raw filter	Off
After measurement		Elliptical filter	On
Load to viewer	On	Mode	Inplane
Inline movie	Off	Geometry	
Auto store images	On	Multi-slice mode	Interleaved
Load to stamp segments	Off	Series	Interleaved
Load images to graphic segments	Off	Saturation mode	Standard
Auto open inline display	Off	Special sat.	None
Start measurement without further preparation	On	Set-n-Go Protocol	
Wait for user to start	Off	Table position	Off
Start measurements	single	Table position	H
Routine		Inline Composing	0 mm
Slice group 1		Tim CT mode	Off
Slices	33	System	
Dist. factor	30 %	Body	Off
Position	L1.0 A44.6 F11.6	BL	On
Orientation	Coronal	BR	On
Phase enc. dir.	F >> H	Positioning mode	FIX
Rotation	90.00 deg	MSMA	S - C - T
Phase oversampling	0 %	Sagittal	R >> L
FoV read	350 mm	Coronal	A >> P
FoV phase	100.0 %	Transversal	F >> H
Slice thickness	3.0 mm	Coil Combine Mode	Adaptive Combine
TR	113 ms	AutoAlign	---
TE	4.50 ms	Auto Coil Select	Default
Averages	1	Shim mode	Standard
Concatenations	3	Adjust with body coil	Off
Filter	Prescan Normalize, Elliptical filter	Confirm freq. adjustment	Off
Coil elements	BL;BR	Assume Silicone	Off
Contrast		? Ref. amplitude 1H	0.000 V
TD	0 ms	Adjustment Tolerance	Auto
MTC	Off	Adjust volume	
Magn. preparation	None	! Position	L1.0 A44.6 F11.6
Flip angle	80 deg	! Orientation	Coronal
Fat suppr.	None	! Rotation	90.00 deg
Water suppr.	None	! R >> L	280 mm
SWI	Off	! F >> H	200 mm
Averaging mode		! A >> P	150 mm
Reconstruction	Short term	Physio	
Measurements	Magnitude	1st Signal/Mode	None
Multiple series	1	Segments	1
Resolution		Tagging	None
Base resolution	256	Dark blood	Off
Phase resolution	90 %	Resp. control	
Phase partial Fourier	Off	Off	
Interpolation	On	Inline	
PAT mode	GRAPPA	Subtract	Off
Accel. factor PE	2	Liver registration	Off
Ref. lines PE	24	Std-Dev-Sag	Off
Matrix Coil Mode	CP	Std-Dev-Cor	Off
Reference scan mode	Integrated	Std-Dev-Tra	Off
Image Filter	Off	Std-Dev-Time	Off
Distortion Corr.	Off	MIP-Sag	Off
Unfiltered images	Off	MIP-Cor	Off
Prescan Normalize	On	MIP-Tra	Off
		MIP-Time	Off

SIEMENS MAGNETOM Espree syngo MR B17

Save original images	On
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Maplt	None
Contrasts	1
Sequence	
Introduction	Off
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Off
Bandwidth	170 Hz/Px
Flow comp.	No
RF pulse type	Fast
Gradient mode	Fast*
Excitation	Slice-sel.
RF spoiling	On
Algorithm	Undefined
Sleep interv.	0.0 ms

SIEMENS MAGNETOM Espree syngo MR B17

\USER\breast\library\Kaiser1.5T\ep2d_diff_192_WE_3mm_short3

TA: 2:47 PAT: 2 Voxel size: 1.8x1.8x3.0 mm Rel. SNR: 1.00 SIEMENS: ep2d_diff

Properties		Series	Interleaved
Prio Recon	Off	Special sat.	None
Before measurement		Set-n-Go Protocol	Off
After measurement		Table position	H
Load to viewer	On	Table position	0 mm
Inline movie	Off	Inline Composing	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		System	
Slice group 1		Body	Off
Slices	44	BL	On
Dist. factor	0 %	BR	On
Position	L1.0 A16.5 F3.5	Positioning mode	FIX
Orientation	Transversal	MSMA	S - C - T
Phase enc. dir.	A >> P	Sagittal	R >> L
Rotation	0.00 deg	Coronal	A >> P
Phase oversampling	0 %	Transversal	F >> H
FoV read	344 mm	Coil Combine Mode	Adaptive Combine
FoV phase	100.0 %	AutoAlign	---
Slice thickness	3.0 mm	Auto Coil Select	Off
TR	6200 ms	Shim mode	Standard
TE	88 ms	Adjust with body coil	Off
Averages	6	Confirm freq. adjustment	On
Concatenations	1	Assume Silicone	Off
Filter	Distortion Corr.(2D), Prescan	? Ref. amplitude 1H	0.000 V
	Normalize	Adjustment Tolerance	Auto
Coil elements	BL;BR	Adjust volume	
		! Position	R3.9 A26.2 H7.7
		! Orientation	Coronal
		! Rotation	90.00 deg
		! R >> L	209 mm
		! F >> H	96 mm
		! A >> P	97 mm
Contrast		Physio	
MTC	Off	1st Signal/Mode	None
Magn. preparation	None	Resp. control	Off
Fat suppr.	Water excit. normal	Diff	
Averaging mode	Long term	Diffusion mode	3-Scan Trace
Reconstruction	Magnitude	Diff. weightings	2
Delay in TR	0 ms	b-value 1	0 s/mm ²
		b-value 2	800 s/mm ²
		Diff. weighted images	Off
		Trace weighted images	On
		Average ADC maps	On
		Individual ADC maps	Off
		FA maps	Off
		Mosaic	Off
		Tensor	Off
		Noise level	30
		Diff. directions	3
Resolution		Sequence	
Base resolution	192	Introduction	Off
Phase resolution	100 %	Bandwidth	1370 Hz/Px
Phase partial Fourier	5/8	Free echo spacing	Off
Interpolation	Off	Echo spacing	0.95 ms
PAT mode	GRAPPA	EPI factor	192
Accel. factor PE	2	RF pulse type	Normal
Ref. lines PE	24	Gradient mode	Fast
Matrix Coil Mode	Auto (Triple)		
Reference scan mode	Separate		
Distortion Corr.	On	Algorithm	Undefined
Mode	2D		
Unfiltered images	Off		
Prescan Normalize	On		
Raw filter	Off		
Elliptical filter	Off		
Hamming	Off		
Geometry			
Multi-slice mode	Interleaved		

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| Sleep interv. 0.0 ms