\\USER\FMRIB Developer\Johanna\180514_spine\jv_gre_10TE_2mm

TA: 5:53   PAT: Off   Voxel size: 0.4×0.4×2.0 mm   Rel. SNR: 1.00   USER: jv_gre_DS

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	On
Start measurements	single

Routine

Slice group 1	
Slices	25
Dist. factor	0 %
Position	R1.4 A15.1 H2.7
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	0 %
FoV read	146 mm
FoV phase	81.3 %
Slice thickness	2.0 mm
TR	1040 ms
TE 1	4.12 ms
TE 2	7.81 ms
TE 3	11.5 ms
TE 4	15.19 ms
TE 5	18.88 ms
TE 6	22.57 ms
TE 7	26.26 ms
TE 8	29.95 ms
TE 9	33.64 ms
TE 10	37.33 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	CSP

Contrast

MTC	Off
Magn. preparation	None
Flip angle	58 deg
Fat suppr.	None
Water suppr.	None
SWI	Off
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution

Base resolution	416
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	None
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
Tim CT mode	Off

System

CSP	On
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	475.000 V
Adjustment Tolerance	Auto
Adjust volume	
! Position	L4.1 A1.3 H2.8
! Orientation	Transversal
! Rotation	0.00 deg
! R >> L	74 mm
! A >> P	53 mm
! F >> H	72 mm

Physio

1st Signal/Mode	None
Segments	1
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

MapIt	None
Contrasts	10

Sequence

Introduction	On
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Off
Bandwidth 1	300 Hz/Px
Bandwidth 2	300 Hz/Px
Bandwidth 3	300 Hz/Px
Bandwidth 4	300 Hz/Px
Bandwidth 5	300 Hz/Px
Bandwidth 6	300 Hz/Px
Bandwidth 7	300 Hz/Px
Bandwidth 8	300 Hz/Px
Bandwidth 9	300 Hz/Px
Bandwidth 10	300 Hz/Px
Flow comp. 1	No
Flow comp. 2	No
Flow comp. 3	No
Flow comp. 4	No
Flow comp. 5	No
Flow comp. 6	No
Flow comp. 7	No
Flow comp. 8	No
Flow comp. 9	No
Flow comp. 10	No
Readout mode	Bipolar

RF pulse type	Normal
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On

Dynamic shim mode	none
Shim update time	2000 us
Trigger mode	all
Write shims	Off
Navigator mode	none