

<b>Table of contents</b>
--------------------------

\\QUALIFIED USER				
	Spinal_Cord			
		Cervical		
			Structural	
				<a href="#">megre2d_5echoes_monopolar</a>

\\QUALIFIED USER\Spinal\_Cord\Cervical\Structural\megre2d\_5echoes\_monopolar

TA: 9:28 PM: ISO Voxel size: 0.5×0.5×5.0 mmPAT: 2 Rel. SNR: 1.00 : fl\_r

**Properties**

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graphic segments	Off
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	Off
Start measurements	Single measurement

**Routine**

Slice group	1
Slices	16
Dist. factor	0 %
Position	L0.0 A13.2 F13.0 mm
Orientation	T > C-7.4
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
FoV read	192 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	926.0 ms
TE 1	6.86 ms
TE 2	13.14 ms
TE 3	19.42 ms
TE 4	25.7 ms
TE 5	31.98 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	HC7;NC1,2

**Contrast - Common**

TR	926.0 ms
TE 1	6.86 ms
TE 2	13.14 ms
TE 3	19.42 ms
TE 4	25.7 ms
TE 5	31.98 ms
MTC	Off
Magn. preparation	None
Flip angle	44 deg
Fat suppr.	Fat sat.
Water suppr.	None
SWI	Off

**Contrast - Dynamic**

Averages	1
Averaging mode	Long term
Reconstruction	Magn./Phase
Measurements	3
Pause after meas. 1	0.0 s
Pause after meas. 2	0.0 s
Multiple series	Each measurement

**Resolution - Common**

FoV read	192 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
Base resolution	384
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off

**Resolution - iPAT**

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Reference scan mode	Integrated

**Resolution - Filter Image**

Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Prescan Normalize	On
Unfiltered images	On
Normalize	Off
B1 filter	Off

**Resolution - Filter Rawdata**

Raw filter	Off
Elliptical filter	On

**Geometry - Common**

Slice group	1
Slices	16
Dist. factor	0 %
Position	L0.0 A13.2 F13.0 mm
Orientation	T > C-7.4
Phase enc. dir.	A >> P
FoV read	192 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	926.0 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	1

**Geometry - AutoAlign**

Slice group	1
Position	L0.0 A13.2 F13.0 mm
Orientation	T > C-7.4
Phase enc. dir.	A >> P
AutoAlign	---
Initial Position	L0.0 A13.2 F13.0
Phase	-11.4 mm
Read	0.0 mm
Shift	-14.6 mm
Initial Rotation	0.00 deg
Initial Orientation	T > C
T > C	-7.4
> S	0.0

**Geometry - Saturation**

Saturation mode	Standard
-----------------	----------

**Geometry - Saturation**

Sat. region	1
Thickness	100 mm
Position	L0.0 A94.8 H13.3 mm
Orientation	C > T8.0
Water suppr.	None
Special sat.	None

**Geometry - Tim Planning Suite**

Set-n-Go Protocol	Off
Table position	F
Table position	13 mm
Inline Composing	Off

**System - Miscellaneous**

Positioning mode	ISO
Table position	F
Table position	13 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
AutoAlign	---
Coil Select Mode	On - AutoCoilSelect

**System - Adjustments**

B0 Shim mode	Standard
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

**System - Adjust Volume**

! Position	R2.0 A12.6 F14.4 mm
! Orientation	T > C-7.5 > S0.7
! Rotation	0.14 deg
! A >> P	176 mm
! R >> L	52 mm
! F >> H	84 mm
Reset	Off

**System - pTx Volumes**

B1 Shim mode	TrueForm
Excitation	Slice-sel.

**System - Tx/Rx**

Frequency 1H	123.248983 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

**Physio - Signal1**

1st Signal/Mode	None
TR	926.0 ms
Concatenations	1
Segments	1

**Physio - Cardiac**

Magn. preparation	None
Fat suppr.	Fat sat.
Dark blood	Off
FoV read	192 mm
FoV phase	100.0 %
Phase resolution	100 %

**Physio - PACE**

Resp. control	Off
Concatenations	1

**Inline - Common**

Subtract	Off
Measurements	3
StdDev	Off
Liver registration	Off
Save original images	On

**Inline - MIP**

MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

**Inline - Soft Tissue**

Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Measurements	3
Pause after meas. 1	0.0 s
Pause after meas. 2	0.0 s

**Inline - Composing**

Inline Composing	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off

**Inline - MapIt**

Save original images	On
MapIt	None
Flip angle	44 deg
Measurements	3
Contrasts	5
TR	926.0 ms
TE 1	6.86 ms
TE 2	13.14 ms
TE 3	19.42 ms
TE 4	25.7 ms
TE 5	31.98 ms

**Sequence - Part 1**

Introduction	On
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Off
Contrasts	5
Flow comp. 1	Yes
Readout mode	Monopolar
Multi-slice mode	Interleaved

**Sequence - Part 1**

Bandwidth 1	260 Hz/Px
Bandwidth 2	260 Hz/Px
Bandwidth 3	260 Hz/Px
Bandwidth 4	260 Hz/Px
Bandwidth 5	260 Hz/Px

**Sequence - Part 2**

Segments	1
Acoustic noise reduction	None
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On

**Sequence - Assistant**

Mode	Off
Allowed delay	0 s