

\\USER\Brain\Project\SO_AC_049[Allen Cheong]64\MRS_WATER REFERENCE_TR1500

TA: 1:12 min Coil Selection: Auto Vol: 22×22×22 mm³ Rel. SNR: 1.00**Properties**

Start measurement without further preparation	On
Wait for User to Start	On
Start measurements	Single Measurement
Prio Recon	Off
Auto Open Inline Display	Off
Auto Close Inline Display	Off
Load Images to MR View&GO	On
Auto Store Images	On
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
Graphic segment	Default
Inline Movie	Off

Routine

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
Vol R >> L	22 mm
Vol A >> P	22 mm
Vol F >> H	22 mm
TR	1500.0 ms
TE	68.00 ms
Averages	16

Contrast - Common

TR	1500.0 ms
TE	68.00 ms
Flip Angle	90 deg
Preparation Scans	16
Averages	16
Water Suppression	None
Edit Frequency	1.90 ppm
Edit Bandwidth	70 Hz
Edit Mirror Frequency	7.50 ppm

Resolution - Common

Vector Size	2048
Normalize	Prescan

Geometry - Common

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
Vol A >> P	22 mm
Vol R >> L	22 mm
Vol F >> H	22 mm
Saturation Region	1
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm
Saturation Region	2
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm
Saturation Region	3
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm

Geometry - Common

Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm
Saturation Region	4
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm
Saturation Region	5
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm
Saturation Region	6
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm
Saturation Region	7
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	Isocenter
L	0.0 mm
P	0.0 mm
H	0.0 mm
Initial Orientation	Transversal
Initial Rotation	0.00 deg

System - Miscellaneous

Coil Selection	Auto Coil Select
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Advanced
B1 Shim	TrueForm
CoilShim	Off
Adjustment Tolerance	Auto
Adjust with Body Coil	Off
Confirm Frequency	When Changed
Assume Silicone	Off
Adj. Water Suppr.	On

System - Adjust Volume

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
A >> P	22 mm
R >> L	22 mm
F >> H	22 mm
Reset	Off

System - pTx

B1 Shim	TrueForm
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System - Tx/Rx

Frequency 1H	123.258138 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Sequence - Common

Sequence Name	svs_edit
Preparation Scans	16
Delta Frequency	-2.80 ppm
Ref. Scan Mode	Off
Phase Cycling	Eight Step
Bandwidth	2000 Hz
Acquisition Duration	1024 ms
Remove Oversampling	On
Freq. Corr. Accumulation	On

\\USER\Brain\Project\SO_AC_049[Allen Cheong]64\MRS_TR1500

TA: 9:12 min Coil Selection: Auto Vol: 22×22×22 mm³ Rel. SNR: 1.00**Properties**

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Wait for User to Start	Off
Start measurements	Single Measurement
Prio Recon	Off
Auto Open Inline Display	Off
Auto Close Inline Display	Off
Load Images to MR View&GO	On
Auto Store Images	On
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
Graphic segment	Default
Inline Movie	Off

Routine

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
Vol R >> L	22 mm
Vol A >> P	22 mm
Vol F >> H	22 mm
TR	1500.0 ms
TE	68.00 ms
Averages	176

Contrast - Common

TR	1500.0 ms
TE	68.00 ms
Flip Angle	90 deg
Preparation Scans	16
Averages	176
Water Suppression	Water Saturation
Water Suppr. BW	35 Hz
Edit Frequency	1.90 ppm
Edit Bandwidth	70 Hz
Edit Mirror Frequency	7.50 ppm

Resolution - Common

Vector Size	2048
Normalize	Prescan

Geometry - Common

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
Vol A >> P	22 mm
Vol R >> L	22 mm
Vol F >> H	22 mm
Saturation Region	1
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm
Saturation Region	2
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm
Saturation Region	3
Thickness	20.00 mm

Geometry - Common

Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm
Saturation Region	4
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm
Saturation Region	5
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm
Saturation Region	6
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm
Saturation Region	7
Thickness	20.00 mm
Position	L30.0 P0.0 H0.0 mm
Orientation	Sagittal
Sat. Delta Freq.	-3.40 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	Isocenter
L	0.0 mm
P	0.0 mm
H	0.0 mm
Initial Orientation	Transversal
Initial Rotation	0.00 deg

System - Miscellaneous

Coil Selection	Auto Coil Select
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H

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Adjustment Strategy	Standard
B0 Shim	Advanced
B1 Shim	TrueForm
CoilShim	Off
Adjustment Tolerance	Auto
Adjust with Body Coil	Off
Confirm Frequency	When Changed
Assume Silicone	Off
Adj. Water Suppr.	On

System - Adjust Volume

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Orientation	Transversal
Rotation	0.00 deg
A >> P	22 mm
R >> L	22 mm
F >> H	22 mm
Reset	Off

System - pTx

B1 Shim	TrueForm
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System - Tx/Rx

Frequency 1H	123.258138 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Sequence - Common

Sequence Name	svs_edit
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Delta Frequency	-2.80 ppm
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Phase Cycling	Eight Step
Bandwidth	2000 Hz
Acquisition Duration	1024 ms
Remove Oversampling	On
Freq. Corr. Accumulation	On