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\\USER\Zanetta\Epilepsy\Human_03222025\$RESEARCH_DEVELOPMENT_BAETE

TA: 0.2 s PM: REF Rel. SNR: 1.00 : fid

Properties

Prio recon	Off
Load images to viewer	Off
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	On
Wait for user to start	Off
Start measurements	Single measurement

Routine

TR	200 ms
TE	0.15 ms
Averages	1
Filter	None
Coil elements	HE2,4;NE2;SP1

Contrast

TR	200 ms
TE	0.15 ms
Pulse Duration	0.10 ms
Averages	1
Flip angle	0 deg
Pulse type	Rectangular
Water suppr.	None
Measurements	1

Resolution - Common

Prescan Normalize	Off
Vector size	128

Geometry - AutoAlign

Initial Position	Isocenter
Phase	0 mm
Read	0 mm
Shift	0 mm
Initial Rotation	0.00 deg
Initial Orientation	Transversal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Save single averages	Off
Coil Select Mode	On - AutoCoilSelect

System - Adjustments

B0 Shim mode	Tune up
B1 Shim mode	TrueForm
Adj. water suppr.	Off
Adjust with body coil	Off
Confirm freq. adjustment	Off

System - Adjustments

Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
A >> P	263 mm
R >> L	350 mm
F >> H	350 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz
Correction factor	1
Gain	Low
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	200 ms

Sequence - Common

Preparation scans	0
Phase cycling	None
Acquisition delay	0.1 ms
Bandwidth	1000 Hz
Acquisition duration	128 ms
Remove oversampling	Off

Sequence - Nuclei

TX/RX Nucleus	1H
TX/RX delta frequency	0 Hz
NOE type	None
TX Nucleus	None
TX delta frequency	0 Hz
Decoupling type	None
Coil elements	HE2,4;NE2;SP1

\\USER\Zanetta\Epilepsy\Human_03222025\SCOUT

TA: 0:15 PM: REF Voxel size: 1.1×1.1×5.0 mmPAT: 2 Rel. SNR: 1.00 : h

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	On
Wait for user to start	Off
Start measurements	Single measurement

Routine

Slice group	1
Slices	5
Dist. factor	0 %
Position	L0.9 P7.7 H33.6 mm
Orientation	Coronal
Phase enc. dir.	R >> L
Slice group	2
Slices	5
Dist. factor	0 %
Position	L0.9 P9.1 H33.6 mm
Orientation	Sagittal
Phase enc. dir.	A >> P
Slice group	3
Slices	5
Dist. factor	0 %
Position	L0.8 P9.1 H32.0 mm
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
FoV read	220 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	1000.0 ms
TE	105 ms
Averages	1
Concatenations	15
Filter	Prescan Normalize, Elliptical filter
Coil elements	HE1-4

Contrast - Common

TR	1000.0 ms
TE	105 ms
TD	0.0 ms
MTC	Off
Magn. preparation	None
Flip angle	120 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off

Contrast - Dynamic

Averages	1
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1

Contrast - Dynamic

Multiple series	Each measurement

Resolution - Common

FoV read	220 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
Base resolution	192
Phase resolution	100 %
Phase partial Fourier	5/8
Interpolation	Off

Resolution - iPAT

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	27
Reference scan mode	Integrated

Resolution - Filter Image

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

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	On

Geometry - Common

Slice group	1
Slices	5
Dist. factor	0 %
Position	L0.9 P7.7 H33.6 mm
Orientation	Coronal
Phase enc. dir.	R >> L
Slice group	2
Slices	5
Dist. factor	0 %
Position	L0.9 P9.1 H33.6 mm
Orientation	Sagittal
Phase enc. dir.	A >> P
Slice group	3
Slices	5
Dist. factor	0 %
Position	L0.8 P9.1 H32.0 mm
Orientation	Transversal
Phase enc. dir.	A >> P
FoV read	220 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	1000.0 ms
Multi-slice mode	Single shot
Series	Interleaved
Concatenations	15

Geometry - AutoAlign

Slice group	1
Position	L0.9 P7.7 H33.6 mm
Orientation	Coronal

Geometry - AutoAlign

Phase enc. dir.	R >> L
Slice group	2
Position	L0.9 P9.1 H33.6 mm
Orientation	Sagittal
Phase enc. dir.	A >> P
Slice group	3
Position	L0.8 P9.1 H32.0 mm
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	---
Initial Position	L0.9 P7.7 H33.6
Phase	0.9 mm
Read	-33.6 mm
Shift	7.7 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

Geometry - Saturation

Fat suppr.	None
Water suppr.	None
Restore magn.	Off
Special sat.	None

Geometry - Navigator

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table position	H
Table position	0 mm
Inline Composing	Off

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	L >> R
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
AutoAlign	---
Coil Select Mode	On - AutoCoilSelect

System - Adjustments

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

System - Adjust Volume

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
A >> P	263 mm
R >> L	350 mm
F >> H	350 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 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	1000.0 ms
Concatenations	15

Physio - Cardiac

Magn. preparation	None
Fat suppr.	None
Dark blood	Off
FoV read	220 mm
FoV phase	100.0 %
Phase resolution	100 %

Physio - PACE

Resp. control	Off
Concatenations	15

Inline - Common

Subtract	Off
Measurements	1
StdDev	Off
Save original images	On

Inline - MIP

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

Inline - Composing

Inline Composing	Off
Distortion Corr.	Off

Sequence - Part 1

Introduction	Off
Dimension	2D
Contrasts	1
Flow comp.	No
Multi-slice mode	Single shot
Echo spacing	6.16 ms
Bandwidth	357 Hz/Px

Sequence - Part 2

RF pulse type	Normal
Gradient mode	Fast
Hyperecho	On
Turbo factor	192

Sequence - Assistant

Mode	Off
Allowed delay	30 s

\\USER\Zanetta\Epilepsy\Human_03222025\BRAIN MAPPING AX 3D MPR

TA: 5:06 PM: FIX Voxel size: 1.0×1.0×1.0 mmPAT: 2 Rel. SNR: 1.00 : tfl

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

Slab group	1
Slabs	1
Dist. factor	50 %
Position	R3.0 A19.7 H15.0 mm
Orientation	T > C3.2 > S0.7
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
Slice oversampling	33.3 %
Slices per slab	192
FoV read	256 mm
FoV phase	100.0 %
Slice thickness	1.00 mm
TR	2200.0 ms
TE	3.17 ms
Averages	1
Concatenations	1
Filter	Normalize
Coil elements	HE1-4;NE2;SP1

Contrast - Common

TR	2200.0 ms
TE	3.17 ms
Magn. preparation	Slice-sel. IR
TI	900 ms
Flip angle	9 deg
Fat suppr.	None
Water suppr.	None

Contrast - Dynamic

Averages	1
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution - Common

FoV read	256 mm
FoV phase	100.0 %
Slice thickness	1.00 mm
Base resolution	256
Phase resolution	100 %
Slice resolution	100 %
Phase partial Fourier	Off
Slice partial Fourier	Off
Interpolation	Off

Resolution - iPAT

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Accel. factor 3D	1
Reference scan mode	Integrated

Resolution - Filter Image

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

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slab group	1
Slabs	1
Dist. factor	50 %
Position	R3.0 A19.7 H15.0 mm
Orientation	T > C3.2 > S0.7
Phase enc. dir.	A >> P
Slice oversampling	33.3 %
Slices per slab	192
FoV read	256 mm
FoV phase	100.0 %
Slice thickness	1.00 mm
TR	2200.0 ms
Multi-slice mode	Single shot
Series	Interleaved
Concatenations	1

Geometry - AutoAlign

Slab group	1
Position	R3.0 A19.7 H15.0 mm
Orientation	T > C3.2 > S0.7
Phase enc. dir.	A >> P
AutoAlign	---
Initial Position	R3.0 A19.7 H15.0
Phase	-18.9 mm
Read	2.8 mm
Shift	16.1 mm
Initial Rotation	0.00 deg
Initial Orientation	T > C
T > C	3.2
> S	0.7

Geometry - Navigator

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table position	H
Table position	0 mm
Inline Composing	Off

System - Miscellaneous

Positioning mode	FIX

System - Miscellaneous

Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	L >> R
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	On - Coil Memory

System - Adjustments

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

System - Adjust Volume

Position	R3.0 A19.7 H15.0 mm
Orientation	T > C3.2 > S0.7
Rotation	0.00 deg
A >> P	256 mm
R >> L	256 mm
F >> H	192 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm
Excitation	Slab-sel.

System - Tx/Rx

Frequency 1H	123.261693 MHz
Correction factor	1
Gain	Low
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2200.0 ms
Concatenations	1

Physio - Cardiac

Magn. preparation	Slice-sel. IR
TI	900 ms
Fat suppr.	None
Dark blood	Off
FoV read	256 mm
FoV phase	100.0 %
Phase resolution	100 %

Physio - PACE

Resp. control	Off
Concatenations	1

Inline - Common

Subtract	Off

Inline - Common

Measurements	1
StdDev	Off
Save original images	On

Inline - MIP

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

Inline - Composing

Inline Composing	Off
Distortion Corr.	Off

Inline - MapIt

Save original images	On
MapIt	None
Flip angle	9 deg
Measurements	1
TR	2200.0 ms
TE	3.17 ms

Sequence - Part 1

Introduction	Off
Dimension	3D
Elliptical scanning	Off
Reordering	Linear
Asymmetric echo	Off
Flow comp.	No
Multi-slice mode	Single shot
Echo spacing	6.5 ms
Bandwidth	260 Hz/Px

Sequence - Part 2

RF pulse type	Fast
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	On
Incr. Gradient spoiling	Off
Turbo factor	256

Sequence - Assistant

Mode	Off

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_4satbands_RFAOFF_PA

TA: 13:12 PM: REF Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol F >> H	27 mm
Vol A >> P	27 mm
TR	2000 ms
TE	68 ms
Averages	196
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	196
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol R >> L	27 mm
Vol A >> P	27 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A98.9 H4.8 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P7.6 F12.1 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P1.2 H60.0 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm

Geometry - Common

Sat. region	4
Thickness	40 mm
Position	L0.0 A26.1 H0.2 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A26.1 H78.4 mm
Orientation	T > C18.4
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A65.1 H22.8
Phase	-10.6 mm
Read	-22.8 mm
Shift	-65.1 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	27 mm
F >> H	27 mm
A >> P	27 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz
Gain	High
Img. Scale Cor.	1.000

System - Tx/Rx

Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	-1.7 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_5satbands_RFAOFF_PA

TA: 0:16 PM: REF Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol F >> H	27 mm
Vol A >> P	27 mm
TR	2000 ms
TE	68 ms
Averages	2
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	2
Flip angle	90 deg
Water suppr.	Only RF off
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol R >> L	27 mm
Vol A >> P	27 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A98.9 H4.8 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P7.6 F12.1 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P1.2 H60.0 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm

Geometry - Common

Sat. region	4
Thickness	40 mm
Position	L0.0 A26.1 H0.2 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A26.1 H78.4 mm
Orientation	T > C18.4
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A65.1 H22.8
Phase	-10.6 mm
Read	-22.8 mm
Shift	-65.1 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	27 mm
F >> H	27 mm
A >> P	27 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz
Gain	High
Img. Scale Cor.	1.000

System - Tx/Rx

Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	0.0 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_5satbands_RFAOFF_PA_30iso

TA: 13:12 PM: REF Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A63.7 H23.5 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	68 ms
Averages	196
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	196
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A63.7 H23.5 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A97.5 H5.5 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P9.0 F11.4 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P4.0 H60.7 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm
Sat. region	4
Thickness	40 mm
Position	L0.0 A24.7 H1.6 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A23.2 H79.6 mm
Orientation	T > C18.4
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A63.7 H23.5
Phase	-10.6 mm
Read	-23.5 mm
Shift	-63.7 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A63.7 H23.5 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	30 mm
F >> H	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz

System - Tx/Rx

Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	-1.7 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_5satbands_RFAOFF_PA_30iso_nows

TA: 0:16 PM: REF Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A63.7 H23.5 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	68 ms
Averages	2
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	2
Flip angle	90 deg
Water suppr.	Only RF off
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A63.7 H23.5 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A97.5 H5.5 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P9.0 F11.4 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P4.0 H60.7 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm
Sat. region	4
Thickness	40 mm
Position	L0.0 A24.7 H1.6 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A23.2 H79.6 mm
Orientation	T > C18.4
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A63.7 H23.5
Phase	-10.6 mm
Read	-23.5 mm
Shift	-63.7 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A63.7 H23.5 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	30 mm
F >> H	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz

System - Tx/Rx

Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	0.0 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_5satbandsSHIFT_RFAOFF_PA_30iso_172avgs

TA: 11:36 PM: REF Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A63.7 H23.5 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	68 ms
Averages	172
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	172
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A63.7 H23.5 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A97.5 H5.5 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P9.0 F11.4 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P1.2 H60.7 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm
Sat. region	4
Thickness	40 mm
Position	L0.0 A24.7 H1.6 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A48.7 H80.7 mm
Orientation	T > C31.1
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A63.7 H23.5
Phase	-10.6 mm
Read	-23.5 mm
Shift	-63.7 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A63.7 H23.5 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	30 mm
F >> H	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz

System - Tx/Rx

Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	-1.7 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_5satbandsSHIFT_RFAOFF_PA_30iso_172_nows

TA: 0:16 PM: REF Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A63.7 H23.5 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	68 ms
Averages	2
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	2
Flip angle	90 deg
Water suppr.	Only RF off
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A63.7 H23.5 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A97.5 H5.5 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P9.0 F11.4 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P1.2 H60.7 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm
Sat. region	4
Thickness	40 mm
Position	L0.0 A24.7 H1.6 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A48.7 H80.7 mm
Orientation	T > C31.1
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A63.7 H23.5
Phase	-10.6 mm
Read	-23.5 mm
Shift	-63.7 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A63.7 H23.5 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	30 mm
F >> H	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz

System - Tx/Rx

Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	0.0 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_5satbands_RFAOFF_PA_172avg

TA: 11:36 PM: REF Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol F >> H	27 mm
Vol A >> P	27 mm
TR	2000 ms
TE	68 ms
Averages	172
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	172
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol R >> L	27 mm
Vol A >> P	27 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A98.9 H4.8 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P7.6 F12.1 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P1.2 H60.0 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm
Sat. region	4
Thickness	40 mm
Position	L0.0 A26.1 H0.2 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A26.1 H78.4 mm
Orientation	T > C18.4
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A65.1 H22.8
Phase	-10.6 mm
Read	-22.8 mm
Shift	-65.1 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	27 mm
F >> H	27 mm
A >> P	27 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz

System - Tx/Rx

Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	-1.7 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_5satbands_RFAOFF_PA_172avg_nows

TA: 0:16 PM: REF Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol F >> H	27 mm
Vol A >> P	27 mm
TR	2000 ms
TE	68 ms
Averages	2
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	2
Flip angle	90 deg
Water suppr.	Only RF off
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol R >> L	27 mm
Vol A >> P	27 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A98.9 H4.8 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P7.6 F12.1 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P1.2 H60.0 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm
Sat. region	4
Thickness	40 mm
Position	L0.0 A26.1 H0.2 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A26.1 H78.4 mm
Orientation	T > C18.4
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A65.1 H22.8
Phase	-10.6 mm
Read	-22.8 mm
Shift	-65.1 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	27 mm
F >> H	27 mm
A >> P	27 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz

System - Tx/Rx

Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	0.0 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_5satbands_RFAOFF_APHF_172avg

TA: 11:36 PM: REF Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol F >> H	27 mm
Vol A >> P	27 mm
TR	2000 ms
TE	68 ms
Averages	172
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	172
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol R >> L	27 mm
Vol A >> P	27 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A98.9 H4.8 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P7.6 F12.1 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P1.2 H60.0 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm
Sat. region	4
Thickness	40 mm
Position	L0.0 A26.1 H0.2 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A26.1 H78.4 mm
Orientation	T > C18.4
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A65.1 H22.8
Phase	-10.6 mm
Read	-22.8 mm
Shift	-65.1 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	27 mm
F >> H	27 mm
A >> P	27 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz

System - Tx/Rx

Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	-1.7 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_5satbands_RFAOFF_APHF_172avg

TA: 0:16 PM: REF Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol F >> H	27 mm
Vol A >> P	27 mm
TR	2000 ms
TE	68 ms
Averages	2
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	2
Flip angle	90 deg
Water suppr.	Only RF off
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol R >> L	27 mm
Vol A >> P	27 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A98.9 H4.8 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P7.6 F12.1 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P1.2 H60.0 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm
Sat. region	4
Thickness	40 mm
Position	L0.0 A26.1 H0.2 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A26.1 H78.4 mm
Orientation	T > C18.4
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A65.1 H22.8
Phase	-10.6 mm
Read	-22.8 mm
Shift	-65.1 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	27 mm
F >> H	27 mm
A >> P	27 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz

System - Tx/Rx

Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	0.0 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_5satbands_RFAOFF_APHF ML_172avg

TA: 11:36 PM: REF Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol F >> H	27 mm
Vol A >> P	27 mm
TR	2000 ms
TE	68 ms
Averages	172
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	172
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol R >> L	27 mm
Vol A >> P	27 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A98.9 H4.8 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P7.6 F12.1 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P1.2 H60.0 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm
Sat. region	4
Thickness	40 mm
Position	L0.0 A26.1 H0.2 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A26.1 H78.4 mm
Orientation	T > C18.4
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A65.1 H22.8
Phase	-10.6 mm
Read	-22.8 mm
Shift	-65.1 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	Med >> Lat
Coronal	A >> P
Transversal	H >> F
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	27 mm
F >> H	27 mm
A >> P	27 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz

System - Tx/Rx

Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	-1.7 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_5satbands_RFAOFF_PAML_172avg

TA: 11:36 PM: REF Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol F >> H	27 mm
Vol A >> P	27 mm
TR	2000 ms
TE	68 ms
Averages	172
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	172
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol R >> L	27 mm
Vol A >> P	27 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A98.9 H4.8 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P7.6 F12.1 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P1.2 H60.0 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm
Sat. region	4
Thickness	40 mm
Position	L0.0 A26.1 H0.2 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A26.1 H78.4 mm
Orientation	T > C18.4
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A65.1 H22.8
Phase	-10.6 mm
Read	-22.8 mm
Shift	-65.1 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	Med >> Lat
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	27 mm
F >> H	27 mm
A >> P	27 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz

System - Tx/Rx

Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	-1.7 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_edit_859G_mPFC_Cor_5satbands_RFAOFF_PAML_172avg_nows

TA: 0:16 PM: REF Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svs_ed

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	On
Start measurements	Single measurement

Routine

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol F >> H	27 mm
Vol A >> P	27 mm
TR	2000 ms
TE	68 ms
Averages	2
Filter	None
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	68 ms
Averages	2
Flip angle	90 deg
Water suppr.	Only RF off
Water suppr. BW	70 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0 deg
Vol F >> H	27 mm
Vol R >> L	27 mm
Vol A >> P	27 mm
Sat. region	1
Thickness	30 mm
Position	L0.0 A98.9 H4.8 mm
Orientation	C > T0.1
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	40 mm
Position	R16.7 P7.6 F12.1 mm
Orientation	T > C2.9
Sat. delta frequ.	0.00 ppm
Sat. region	3
Thickness	40 mm
Position	L0.0 P1.2 H60.0 mm
Orientation	T > C-1.1
Sat. delta frequ.	0.00 ppm
Sat. region	4
Thickness	40 mm
Position	L0.0 A26.1 H0.2 mm
Orientation	C > T0.5
Sat. delta frequ.	0.00 ppm
Sat. region	5
Thickness	35 mm
Position	L0.0 A26.1 H78.4 mm
Orientation	T > C18.4
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R10.6 A65.1 H22.8
Phase	-10.6 mm
Read	-22.8 mm
Shift	-65.1 mm
Initial Rotation	0.00 deg
Initial Orientation	Coronal

System - Miscellaneous

Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	Med >> Lat
Coronal	P >> A
Transversal	F >> H
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R10.6 A65.1 H22.8 mm
Orientation	Coronal
Rotation	0.00 deg
R >> L	27 mm
F >> H	27 mm
A >> P	27 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz

System - Tx/Rx

Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Sequence - Common

Preparation scans	4
Delta frequency	0.0 ppm
Ref. scan mode	Off
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On

Sequence - Special

RFA	Off
Edit Pulse Frequency	1.90 ppm
Edit Pulse Bandwidth	44.00 Hz
Edit Center Frequency	4.70 ppm

\\USER\Zanetta\Epilepsy\Human_03222025\svs_se_30_PCC_196_2000TR_2mmiso

TA: 6:34 PM: FIX Vol: 22 ×22 ×22 mmRel. SNR: 1.00 : svs_se

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	On
Start measurements	Single measurement

Routine

Position	R11.9 A66.3 H24.2 mm
Orientation	Coronal
Rotation	-0.402877 deg
Vol F >> H	22 mm
Vol F >> H	22 mm
Vol A >> P	22 mm
TR	2000 ms
TE	30 ms
Averages	196
Filter	Prescan Normalize
Coil elements	HE1-4

Contrast

TR	2000 ms
TE	30 ms
Averages	196
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	50 Hz
Spectral suppr.	None
Measurements	1

Resolution - Common

Prescan Normalize	On
Vector size	2048

Geometry - Common

Position	R11.9 A66.3 H24.2 mm
Orientation	Coronal
Rotation	-0.402877 deg
Vol F >> H	22 mm
Vol R >> L	22 mm
Vol A >> P	22 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R11.9 A66.3 H24.2
Phase	-12.1 mm
Read	-24.1 mm
Shift	-66.3 mm
Initial Rotation	-0.40 deg
Initial Orientation	Coronal

Geometry - Navigator

System - Miscellaneous

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Save single averages	Off
AutoAlign	---
Coil Select Mode	On - AutoCoilSelect

System - Adjustments

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Adj. water suppr.	On
Adjust with body coil	Off
Confirm freq. adjustment	On
Only after freq. change	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R11.9 A66.3 H24.2 mm
Orientation	Coronal
Rotation	-0.40 deg
R >> L	22 mm
F >> H	22 mm
A >> P	22 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.261693 MHz
Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2000 ms

Physio - PACE

Resp. control	Off

Sequence - Common

Preparation scans	0
Delta frequency	-2.3 ppm
Ref. scan mode	Inline correction
No. of ref. scans	1
Phase cycling	Auto
Bandwidth	2000 Hz
Acquisition duration	1024 ms
Remove oversampling	On