\\Physicist\LAMB\BT SUBJECTS\BT400\fastestmap frontal

TA: 0:12 PM: FIX Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : fastmp

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

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	49.20 ms
Averages	1
Filter	None
Coil elements	HC1-6

Contrast

TR	2000 ms
TE	49.20 ms
Tau	5.00 ms
Averages	1
Excite flip angle	90 deg
Refocus flip angle	180 deg
Measurements	1

Resolution - Common

Vector size	256

Geometry - Common

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R3.8 A52.0 H45.5
R	3.8 mm
A	52 mm
H	45.5 mm
Initial Rotation	-89.26 deg
Initial Orientation	C > T
C > T	-17.4
> S	0.9

System - Miscellaneous

Positioning mode	FIX
Table position	H

System - Miscellaneous

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

System - Adjustments

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

System - Adjust Volume

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.26 deg
F >> H	30 mm
R >> L	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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	2000 ms

Sequence - Common

Delta frequency	0.0 ppm
Phase cycling	None
Bandwidth	100000 Hz
Acquisition duration	2 ms

Sequence - Special

Type of fit	Full 6-proj
Vol fit factor	100 %
Force spherical fit Vol	Off Force spherical fit Vol
Save plots to database	Off
Refocus pulses	Normal
Excite pulse duration	6400 us
Refocus pulse duration	6400 us
Bar FoV	384 mm
Bar thickness	10.0 mm

Sequence - Special

Inversion pulse	Off
Multi-echo acquisition	On
Number of echoes	4

\\Physicist\LAMB\BT SUBJECTS\BT400\fastestmap

TA: 0:12 PM: FIX Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : fastmp

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

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	49.20 ms
Averages	1
Filter	None
Coil elements	HC1-6

Contrast

TR	2000 ms
TE	49.20 ms
Tau	5.00 ms
Averages	1
Excite flip angle	90 deg
Refocus flip angle	180 deg
Measurements	1

Resolution - Common

Vector size	256

Geometry - Common

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R3.8 A52.0 H45.5
R	3.8 mm
A	52 mm
H	45.5 mm
Initial Rotation	-89.26 deg
Initial Orientation	C > T
C > T	-17.4
> S	0.9

System - Miscellaneous

Positioning mode	FIX
Table position	H

System - Miscellaneous

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

System - Adjustments

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

System - Adjust Volume

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.26 deg
F >> H	30 mm
R >> L	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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	2000 ms

Sequence - Common

Delta frequency	0.0 ppm
Phase cycling	None
Bandwidth	100000 Hz
Acquisition duration	2 ms

Sequence - Special

Type of fit	Full 6-proj
Vol fit factor	100 %
Force spherical fit Vol	Off Force spherical fit Vol
Save plots to database	Off
Refocus pulses	Normal
Excite pulse duration	6400 us
Refocus pulse duration	6400 us
Bar FoV	384 mm
Bar thickness	10.0 mm

Sequence - Special

Inversion pulse	Off
Multi-echo acquisition	On
Number of echoes	4

\\Physicist\LAMB\BT SUBJECTS\BT400\fastestmap

TA: 0:12 PM: FIX Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : fastmp

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

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	49.20 ms
Averages	1
Filter	None
Coil elements	HC1-6

Contrast

TR	2000 ms
TE	49.20 ms
Tau	5.00 ms
Averages	1
Excite flip angle	90 deg
Refocus flip angle	180 deg
Measurements	1

Resolution - Common

Vector size	256

Geometry - Common

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R3.8 A52.0 H45.5
R	3.8 mm
A	52 mm
H	45.5 mm
Initial Rotation	-89.26 deg
Initial Orientation	C > T
C > T	-17.4
> S	0.9

System - Miscellaneous

Positioning mode	FIX
Table position	H

System - Miscellaneous

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

System - Adjustments

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

System - Adjust Volume

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.26 deg
F >> H	30 mm
R >> L	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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	2000 ms

Sequence - Common

Delta frequency	0.0 ppm
Phase cycling	None
Bandwidth	100000 Hz
Acquisition duration	2 ms

Sequence - Special

Type of fit	Full 6-proj
Vol fit factor	100 %
Force spherical fit Vol	Off Force spherical fit Vol
Save plots to database	Off
Refocus pulses	Normal
Excite pulse duration	6400 us
Refocus pulse duration	6400 us
Bar FoV	384 mm
Bar thickness	10.0 mm

Sequence - Special

Inversion pulse	Off
Multi-echo acquisition	On
Number of echoes	4

\\Physicist\LAMB\BT SUBJECTS\BT400\svs_hermes_frontal_water

TA: 0:24 PM: FIX Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : mgs_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	Off
Start measurements	Single measurement

Routine

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	80 ms
Averages	8
Filter	None
Coil elements	HC1-6

Contrast

TR	2000 ms
TE	80 ms
Averages	8
Flip angle	90 deg
Water suppr.	Only RF off
Water suppr. BW	50 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm
Sat. region	1
Thickness	20 mm
Position	L0.4 A25.8 H83.1 mm
Orientation	T > C17.2 > S-0.3
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R3.8 A52.0 H45.5
R	3.8 mm
A	52 mm
H	45.5 mm
Initial Rotation	-89.26 deg
Initial Orientation	C > T
C > T	-17.4

Geometry - AutoAlign

> S	0.9

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	Default

System - Adjustments

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

System - Adjust Volume

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.26 deg
F >> H	30 mm
R >> L	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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

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

Sequence - Special

Editing Sequence:	HERMES_GABA_GSH_EtOH
Edit Pulse1 Frequency	1.90 ppm
Edit Pulse2 Frequency	4.56 ppm
Edit Pulse3 Frequency	3.67 ppm
Edit Off Frequency	7.50 ppm

\\Physicist\LAMB\BT SUBJECTS\BT400\svs_hermes_frontal

TA: 8:40 PM: FIX Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : mgs_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	On
Wait for user to start	Off
Start measurements	Single measurement

Routine

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	80 ms
Averages	256
Filter	None
Coil elements	HC1-6

Contrast

TR	2000 ms
TE	80 ms
Averages	256
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	50 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm
Sat. region	1
Thickness	20 mm
Position	L0.4 A25.8 H83.1 mm
Orientation	T > C17.2 > S-0.3
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R3.8 A52.0 H45.5
R	3.8 mm
A	52 mm
H	45.5 mm
Initial Rotation	-89.26 deg
Initial Orientation	C > T
C > T	-17.4

Geometry - AutoAlign

> S	0.9

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	Default

System - Adjustments

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

System - Adjust Volume

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.26 deg
F >> H	30 mm
R >> L	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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

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

Sequence - Special

Editing Sequence:	HERMES_GABA_GSH_EtOH
Edit Pulse1 Frequency	1.90 ppm
Edit Pulse2 Frequency	4.56 ppm
Edit Pulse3 Frequency	3.67 ppm
Edit Off Frequency	7.50 ppm

\\Physicist\LAMB\BT SUBJECTS\BT400\fastestmap frontal

TA: 0:12 PM: FIX Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : fastmp

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

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	49.20 ms
Averages	1
Filter	None
Coil elements	HC1-6

Contrast

TR	2000 ms
TE	49.20 ms
Tau	5.00 ms
Averages	1
Excite flip angle	90 deg
Refocus flip angle	180 deg
Measurements	1

Resolution - Common

Vector size	256

Geometry - Common

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R3.8 A52.0 H45.5
R	3.8 mm
A	52 mm
H	45.5 mm
Initial Rotation	-89.26 deg
Initial Orientation	C > T
C > T	-17.4
> S	0.9

System - Miscellaneous

Positioning mode	FIX
Table position	H

System - Miscellaneous

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

System - Adjustments

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

System - Adjust Volume

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.26 deg
F >> H	30 mm
R >> L	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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	2000 ms

Sequence - Common

Delta frequency	0.0 ppm
Phase cycling	None
Bandwidth	100000 Hz
Acquisition duration	2 ms

Sequence - Special

Type of fit	Full 6-proj
Vol fit factor	100 %
Force spherical fit Vol	Off Force spherical fit Vol
Save plots to database	Off
Refocus pulses	Normal
Excite pulse duration	6400 us
Refocus pulse duration	6400 us
Bar FoV	384 mm
Bar thickness	10.0 mm

Sequence - Special

Inversion pulse	Off
Multi-echo acquisition	On
Number of echoes	4

\\Physicist\LAMB\BT SUBJECTS\BT400\fastestmap

TA: 0:12 PM: FIX Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : fastmp

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

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	49.20 ms
Averages	1
Filter	None
Coil elements	HC1-6

Contrast

TR	2000 ms
TE	49.20 ms
Tau	5.00 ms
Averages	1
Excite flip angle	90 deg
Refocus flip angle	180 deg
Measurements	1

Resolution - Common

Vector size	256

Geometry - Common

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R3.8 A52.0 H45.5
R	3.8 mm
A	52 mm
H	45.5 mm
Initial Rotation	-89.26 deg
Initial Orientation	C > T
C > T	-17.4
> S	0.9

System - Miscellaneous

Positioning mode	FIX
Table position	H

System - Miscellaneous

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

System - Adjustments

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

System - Adjust Volume

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.26 deg
F >> H	30 mm
R >> L	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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	2000 ms

Sequence - Common

Delta frequency	0.0 ppm
Phase cycling	None
Bandwidth	100000 Hz
Acquisition duration	2 ms

Sequence - Special

Type of fit	Full 6-proj
Vol fit factor	100 %
Force spherical fit Vol	Off Force spherical fit Vol
Save plots to database	Off
Refocus pulses	Normal
Excite pulse duration	6400 us
Refocus pulse duration	6400 us
Bar FoV	384 mm
Bar thickness	10.0 mm

Sequence - Special

Inversion pulse	Off
Multi-echo acquisition	On
Number of echoes	4

\\Physicist\LAMB\BT SUBJECTS\BT400\fastestmap

TA: 0:12 PM: FIX Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : fastmp

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

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	49.20 ms
Averages	1
Filter	None
Coil elements	HC1-6

Contrast

TR	2000 ms
TE	49.20 ms
Tau	5.00 ms
Averages	1
Excite flip angle	90 deg
Refocus flip angle	180 deg
Measurements	1

Resolution - Common

Vector size	256

Geometry - Common

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R3.8 A52.0 H45.5
R	3.8 mm
A	52 mm
H	45.5 mm
Initial Rotation	-89.26 deg
Initial Orientation	C > T
C > T	-17.4
> S	0.9

System - Miscellaneous

Positioning mode	FIX
Table position	H

System - Miscellaneous

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

System - Adjustments

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

System - Adjust Volume

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.26 deg
F >> H	30 mm
R >> L	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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	2000 ms

Sequence - Common

Delta frequency	0.0 ppm
Phase cycling	None
Bandwidth	100000 Hz
Acquisition duration	2 ms

Sequence - Special

Type of fit	Full 6-proj
Vol fit factor	100 %
Force spherical fit Vol	Off Force spherical fit Vol
Save plots to database	Off
Refocus pulses	Normal
Excite pulse duration	6400 us
Refocus pulse duration	6400 us
Bar FoV	384 mm
Bar thickness	10.0 mm

Sequence - Special

Inversion pulse	Off
Multi-echo acquisition	On
Number of echoes	4

\\Physicist\LAMB\BT SUBJECTS\BT400\svs_hermes_frontal_water

TA: 0:24 PM: FIX Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : mgs_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	Off
Start measurements	Single measurement

Routine

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	80 ms
Averages	8
Filter	None
Coil elements	HC1-6

Contrast

TR	2000 ms
TE	80 ms
Averages	8
Flip angle	90 deg
Water suppr.	Only RF off
Water suppr. BW	50 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm
Sat. region	1
Thickness	20 mm
Position	L0.4 A25.8 H83.1 mm
Orientation	T > C17.2 > S-0.3
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R3.8 A52.0 H45.5
R	3.8 mm
A	52 mm
H	45.5 mm
Initial Rotation	-89.26 deg
Initial Orientation	C > T
C > T	-17.4

Geometry - AutoAlign

> S	0.9

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	Default

System - Adjustments

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

System - Adjust Volume

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.26 deg
F >> H	30 mm
R >> L	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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

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

Sequence - Special

Editing Sequence:	HERMES_GABA_GSH_EtOH
Edit Pulse1 Frequency	1.90 ppm
Edit Pulse2 Frequency	4.56 ppm
Edit Pulse3 Frequency	3.67 ppm
Edit Off Frequency	7.50 ppm

\\Physicist\LAMB\BT SUBJECTS\BT400\svs_hermes_frontal

TA: 8:40 PM: FIX Vol: 30 ×30 ×30 mmRel. SNR: 1.00 : mgs_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	On
Wait for user to start	Off
Start measurements	Single measurement

Routine

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol R >> L	30 mm
Vol A >> P	30 mm
TR	2000 ms
TE	80 ms
Averages	256
Filter	None
Coil elements	HC1-6

Contrast

TR	2000 ms
TE	80 ms
Averages	256
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	50 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.258694 deg
Vol R >> L	30 mm
Vol F >> H	30 mm
Vol A >> P	30 mm
Sat. region	1
Thickness	20 mm
Position	L0.4 A25.8 H83.1 mm
Orientation	T > C17.2 > S-0.3
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R3.8 A52.0 H45.5
R	3.8 mm
A	52 mm
H	45.5 mm
Initial Rotation	-89.26 deg
Initial Orientation	C > T
C > T	-17.4

Geometry - AutoAlign

> S	0.9

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	Default

System - Adjustments

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

System - Adjust Volume

Position	R3.8 A52.0 H45.5 mm
Orientation	C > T-17.4 > S0.9
Rotation	-89.26 deg
F >> H	30 mm
R >> L	30 mm
A >> P	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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

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

Sequence - Special

Editing Sequence:	HERMES_GABA_GSH_EtOH
Edit Pulse1 Frequency	1.90 ppm
Edit Pulse2 Frequency	4.56 ppm
Edit Pulse3 Frequency	3.67 ppm
Edit Off Frequency	7.50 ppm

\\Physicist\LAMB\BT SUBJECTS\BT400\fastestmap rt insula

TA: 0:12 PM: FIX Vol: 45 ×20 ×30 mmRel. SNR: 1.00 : fastmp

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

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	-8.473153 deg
Vol R >> L	20 mm
Vol R >> L	20 mm
Vol F >> H	30 mm
TR	2000 ms
TE	49.20 ms
Averages	1
Filter	None
Coil elements	HC3-6

Contrast

TR	2000 ms
TE	49.20 ms
Tau	5.00 ms
Averages	1
Excite flip angle	90 deg
Refocus flip angle	180 deg
Measurements	1

Resolution - Common

Vector size	256

Geometry - Common

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	-8.473153 deg
Vol R >> L	20 mm
Vol A >> P	45 mm
Vol F >> H	30 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R38.4 A22.6 H11.8
R	38.4 mm
A	22.6 mm
H	11.8 mm
Initial Rotation	81.53 deg
Initial Orientation	T > C
T > C	19.5
> S	-2.1

System - Miscellaneous

Positioning mode	FIX
Table position	H

System - Miscellaneous

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

System - Adjustments

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

System - Adjust Volume

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	81.53 deg
R >> L	20 mm
A >> P	45 mm
F >> H	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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	2000 ms

Sequence - Common

Delta frequency	0.0 ppm
Phase cycling	None
Bandwidth	100000 Hz
Acquisition duration	2 ms

Sequence - Special

Type of fit	Full 6-proj
Vol fit factor	100 %
Force spherical fit Vol	Off Force spherical fit Vol
Save plots to database	Off
Refocus pulses	Normal
Excite pulse duration	6400 us
Refocus pulse duration	6400 us
Bar FoV	384 mm
Bar thickness	10.0 mm

Sequence - Special

Inversion pulse	Off
Multi-echo acquisition	On
Number of echoes	4

\\Physicist\LAMB\BT SUBJECTS\BT400\fastestmap

TA: 0:12 PM: FIX Vol: 45 ×20 ×30 mmRel. SNR: 1.00 : fastmp

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

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	-8.473153 deg
Vol R >> L	20 mm
Vol R >> L	20 mm
Vol F >> H	30 mm
TR	2000 ms
TE	49.20 ms
Averages	1
Filter	None
Coil elements	HC3-6

Contrast

TR	2000 ms
TE	49.20 ms
Tau	5.00 ms
Averages	1
Excite flip angle	90 deg
Refocus flip angle	180 deg
Measurements	1

Resolution - Common

Vector size	256

Geometry - Common

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	-8.473153 deg
Vol R >> L	20 mm
Vol A >> P	45 mm
Vol F >> H	30 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R38.4 A22.6 H11.8
R	38.4 mm
A	22.6 mm
H	11.8 mm
Initial Rotation	81.53 deg
Initial Orientation	T > C
T > C	19.5
> S	-2.1

System - Miscellaneous

Positioning mode	FIX
Table position	H

System - Miscellaneous

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

System - Adjustments

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

System - Adjust Volume

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	81.53 deg
R >> L	20 mm
A >> P	45 mm
F >> H	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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	2000 ms

Sequence - Common

Delta frequency	0.0 ppm
Phase cycling	None
Bandwidth	100000 Hz
Acquisition duration	2 ms

Sequence - Special

Type of fit	Full 6-proj
Vol fit factor	100 %
Force spherical fit Vol	Off Force spherical fit Vol
Save plots to database	Off
Refocus pulses	Normal
Excite pulse duration	6400 us
Refocus pulse duration	6400 us
Bar FoV	384 mm
Bar thickness	10.0 mm

Sequence - Special

Inversion pulse	Off
Multi-echo acquisition	On
Number of echoes	4

\\Physicist\LAMB\BT SUBJECTS\BT400\fastestmap

TA: 0:12 PM: FIX Vol: 45 ×20 ×30 mmRel. SNR: 1.00 : fastmp

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

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	-8.473153 deg
Vol R >> L	20 mm
Vol R >> L	20 mm
Vol F >> H	30 mm
TR	2000 ms
TE	49.20 ms
Averages	1
Filter	None
Coil elements	HC3-6

Contrast

TR	2000 ms
TE	49.20 ms
Tau	5.00 ms
Averages	1
Excite flip angle	90 deg
Refocus flip angle	180 deg
Measurements	1

Resolution - Common

Vector size	256

Geometry - Common

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	-8.473153 deg
Vol R >> L	20 mm
Vol A >> P	45 mm
Vol F >> H	30 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R38.4 A22.6 H11.8
R	38.4 mm
A	22.6 mm
H	11.8 mm
Initial Rotation	81.53 deg
Initial Orientation	T > C
T > C	19.5
> S	-2.1

System - Miscellaneous

Positioning mode	FIX
Table position	H

System - Miscellaneous

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

System - Adjustments

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

System - Adjust Volume

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	81.53 deg
R >> L	20 mm
A >> P	45 mm
F >> H	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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	2000 ms

Sequence - Common

Delta frequency	0.0 ppm
Phase cycling	None
Bandwidth	100000 Hz
Acquisition duration	2 ms

Sequence - Special

Type of fit	Full 6-proj
Vol fit factor	100 %
Force spherical fit Vol	Off Force spherical fit Vol
Save plots to database	Off
Refocus pulses	Normal
Excite pulse duration	6400 us
Refocus pulse duration	6400 us
Bar FoV	384 mm
Bar thickness	10.0 mm

Sequence - Special

Inversion pulse	Off
Multi-echo acquisition	On
Number of echoes	4

\\Physicist\LAMB\BT SUBJECTS\BT400\svs_hermes_rt_insula_water

TA: 0:24 PM: FIX Vol: 45 ×20 ×30 mmRel. SNR: 1.00 : mgs_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	Off
Start measurements	Single measurement

Routine

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	-8.473153 deg
Vol R >> L	20 mm
Vol R >> L	20 mm
Vol F >> H	30 mm
TR	2000 ms
TE	80 ms
Averages	8
Filter	None
Coil elements	HC3-6

Contrast

TR	2000 ms
TE	80 ms
Averages	8
Flip angle	90 deg
Water suppr.	Only RF off
Water suppr. BW	50 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	-8.473153 deg
Vol R >> L	20 mm
Vol A >> P	45 mm
Vol F >> H	30 mm
Sat. region	1
Thickness	20 mm
Position	L0.3 A17.0 H46.4 mm
Orientation	T > C20.1 > S-0.3
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	20 mm
Position	L0.3 A54.7 F21.5 mm
Orientation	C > T-21.5 > S0.2
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R38.4 A22.6 H11.8
R	38.4 mm

Geometry - AutoAlign

A	22.6 mm
H	11.8 mm
Initial Rotation	81.53 deg
Initial Orientation	T > C
T > C	19.5
> S	-2.1

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	Default

System - Adjustments

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

System - Adjust Volume

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	81.53 deg
R >> L	20 mm
A >> P	45 mm
F >> H	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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

Sequence - Common

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

Sequence - Common

Remove oversampling	On

Sequence - Special

RFA	Off
Editing Sequence:	HERMES_GABA_GSH_EtOH
Edit Pulse1 Frequency	1.90 ppm
Edit Pulse2 Frequency	4.56 ppm
Edit Pulse3 Frequency	3.67 ppm
Edit Off Frequency	7.50 ppm

\\Physicist\LAMB\BT SUBJECTS\BT400\svs_hermes_rt_insula

TA: 8:40 PM: FIX Vol: 45 ×20 ×30 mmRel. SNR: 1.00 : mgs_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	On
Wait for user to start	Off
Start measurements	Single measurement

Routine

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	-8.473153 deg
Vol R >> L	20 mm
Vol R >> L	20 mm
Vol F >> H	30 mm
TR	2000 ms
TE	80 ms
Averages	256
Filter	None
Coil elements	HC3-6

Contrast

TR	2000 ms
TE	80 ms
Averages	256
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	50 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	-8.473153 deg
Vol R >> L	20 mm
Vol A >> P	45 mm
Vol F >> H	30 mm
Sat. region	1
Thickness	20 mm
Position	L0.3 A17.0 H46.4 mm
Orientation	T > C20.1 > S-0.3
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	20 mm
Position	L0.3 A54.7 F21.5 mm
Orientation	C > T-21.5 > S0.2
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R38.4 A22.6 H11.8
R	38.4 mm

Geometry - AutoAlign

A	22.6 mm
H	11.8 mm
Initial Rotation	81.53 deg
Initial Orientation	T > C
T > C	19.5
> S	-2.1

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	Default

System - Adjustments

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

System - Adjust Volume

Position	R38.4 A22.6 H11.8 mm
Orientation	T > C19.5 > S-2.1
Rotation	81.53 deg
R >> L	20 mm
A >> P	45 mm
F >> H	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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

Sequence - Common

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

Sequence - Common

Remove oversampling	On

Sequence - Special

RFA	Off
Editing Sequence:	HERMES_GABA_GSH_EtOH
Edit Pulse1 Frequency	1.90 ppm
Edit Pulse2 Frequency	4.56 ppm
Edit Pulse3 Frequency	3.67 ppm
Edit Off Frequency	7.50 ppm

\\Physicist\LAMB\BT SUBJECTS\BT400\svs_hermes_rt_insula_water

TA: 0:24 PM: FIX Vol: 45 ×20 ×30 mmRel. SNR: 1.00 : mgs_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	Off
Start measurements	Single measurement

Routine

Position	R35.6 A22.6 H15.1 mm
Orientation	T > C19.6 > S-1.2
Rotation	-6.021627 deg
Vol R >> L	20 mm
Vol R >> L	20 mm
Vol F >> H	30 mm
TR	2000 ms
TE	80 ms
Averages	8
Filter	None
Coil elements	HC3-6

Contrast

TR	2000 ms
TE	80 ms
Averages	8
Flip angle	90 deg
Water suppr.	Only RF off
Water suppr. BW	50 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R35.6 A22.6 H15.1 mm
Orientation	T > C19.6 > S-1.2
Rotation	-6.021627 deg
Vol R >> L	20 mm
Vol A >> P	45 mm
Vol F >> H	30 mm
Sat. region	1
Thickness	20 mm
Position	L0.3 A17.0 H46.4 mm
Orientation	T > C20.1 > S-0.3
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	20 mm
Position	L0.3 A54.7 F21.5 mm
Orientation	C > T-21.5 > S0.2
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R35.6 A22.6 H15.1
R	35.6 mm

Geometry - AutoAlign

A	22.6 mm
H	15.1 mm
Initial Rotation	83.98 deg
Initial Orientation	T > C
T > C	19.6
> S	-1.2

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	Default

System - Adjustments

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

System - Adjust Volume

Position	R35.6 A22.6 H15.1 mm
Orientation	T > C19.6 > S-1.2
Rotation	83.98 deg
R >> L	20 mm
A >> P	45 mm
F >> H	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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

Sequence - Common

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

Sequence - Common

Remove oversampling	On

Sequence - Special

RFA	Off
Editing Sequence:	HERMES_GABA_GSH_EtOH
Edit Pulse1 Frequency	1.90 ppm
Edit Pulse2 Frequency	4.56 ppm
Edit Pulse3 Frequency	3.67 ppm
Edit Off Frequency	7.50 ppm

\\Physicist\LAMB\BT SUBJECTS\BT400\svs_hermes_rt_insula

TA: 8:40 PM: FIX Vol: 45 ×20 ×30 mmRel. SNR: 1.00 : mgs_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	On
Wait for user to start	Off
Start measurements	Single measurement

Routine

Position	R35.6 A22.6 H15.1 mm
Orientation	T > C19.6 > S-1.2
Rotation	-6.021627 deg
Vol R >> L	20 mm
Vol R >> L	20 mm
Vol F >> H	30 mm
TR	2000 ms
TE	80 ms
Averages	256
Filter	None
Coil elements	HC3-6

Contrast

TR	2000 ms
TE	80 ms
Averages	256
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	50 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	R35.6 A22.6 H15.1 mm
Orientation	T > C19.6 > S-1.2
Rotation	-6.021627 deg
Vol R >> L	20 mm
Vol A >> P	45 mm
Vol F >> H	30 mm
Sat. region	1
Thickness	20 mm
Position	L0.3 A17.0 H46.4 mm
Orientation	T > C20.1 > S-0.3
Sat. delta frequ.	0.00 ppm
Sat. region	2
Thickness	20 mm
Position	L0.3 A54.7 F21.5 mm
Orientation	C > T-21.5 > S0.2
Sat. delta frequ.	0.00 ppm

Geometry - AutoAlign

AutoAlign	---
Initial Position	R35.6 A22.6 H15.1
R	35.6 mm

Geometry - AutoAlign

A	22.6 mm
H	15.1 mm
Initial Rotation	83.98 deg
Initial Orientation	T > C
T > C	19.6
> S	-1.2

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	Default

System - Adjustments

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

System - Adjust Volume

Position	R35.6 A22.6 H15.1 mm
Orientation	T > C19.6 > S-1.2
Rotation	83.98 deg
R >> L	20 mm
A >> P	45 mm
F >> H	30 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 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

Sequence - Common

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

Sequence - Common

Remove oversampling	On

Sequence - Special

RFA	Off
Editing Sequence:	HERMES_GABA_GSH_EtOH
Edit Pulse1 Frequency	1.90 ppm
Edit Pulse2 Frequency	4.56 ppm
Edit Pulse3 Frequency	3.67 ppm
Edit Off Frequency	7.50 ppm

\\Physicist\LAMB\BT SUBJECTS\BT400\fMRI_DistortionMap_PA

TA: 0:14 PM: FIX Voxel size: 2.4×2.4×2.4 mmPAT: Off Rel. SNR: 1.00 : epse

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	On
Start measurements	Single measurement

Routine

Slice group	1
Slices	60
Dist. factor	0 %
Position	R4.0 A10.1 H13.3 mm
Orientation	T > C-21.3 > S0.9
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
FoV read	216 mm
FoV phase	100.0 %
Slice thickness	2.4 mm
TR	7030 ms
TE	80.0 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	HC1-7

Contrast - Common

TR	7030 ms
TE	80.0 ms
MTC	Off
Magn. preparation	None
Fat suppr.	Fat sat.
Fat sat. mode	Weak

Contrast - Dynamic

Averages	1
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Delay in TR	0 ms
Multiple series	Off

Resolution - Common

FoV read	216 mm
FoV phase	100.0 %
Slice thickness	2.4 mm
Base resolution	90
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off

Resolution - iPAT

Accel. mode	None

Resolution - Filter Image

Distortion Corr.	Off
Prescan Normalize	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off
Hamming	Off

Geometry - Common

Slice group	1
Slices	60
Dist. factor	0 %
Position	R4.0 A10.1 H13.3 mm
Orientation	T > C-21.3 > S0.9
Phase enc. dir.	A >> P
FoV read	216 mm
FoV phase	100.0 %
Slice thickness	2.4 mm
TR	7030 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	1

Geometry - AutoAlign

Slice group	1
Position	R4.0 A10.1 H13.3 mm
Orientation	T > C-21.3 > S0.9
Phase enc. dir.	A >> P
AutoAlign	---
Initial Position	R4.0 A10.1 H13.3
R	4.0 mm
A	10.1 mm
H	13.3 mm
Initial Rotation	0.00 deg
Initial Orientation	T > C
T > C	-21.3
> S	0.9

Geometry - Saturation

Fat suppr.	Fat sat.
Fat sat. mode	Weak
Special sat.	None

Geometry - Tim Planning Suite

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

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
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off

System - Miscellaneous

AutoAlign	---
Coil Select Mode	Off - All

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	R4.0 A10.1 H13.3 mm
Orientation	T > C-21.3 > S0.9
Rotation	0.00 deg
A >> P	216 mm
R >> L	216 mm
F >> H	144 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	2.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	7030 ms
Concatenations	1

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
Multi-slice mode	Interleaved
Free echo spacing	On
Echo spacing	0.51 ms
Bandwidth	2778 Hz/Px

Sequence - Part 2

EPI factor	90

Sequence - Part 2

RF pulse type	Normal
Gradient mode	Performance

Sequence - Special

Dummy Scans	1
Reverse Phase Encoding	On

\\Physicist\LAMB\BT SUBJECTS\BT400\fMRI_DistortionMap_AP

TA: 0:14 PM: FIX Voxel size: 2.4×2.4×2.4 mmPAT: Off Rel. SNR: 1.00 : epse

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	60
Dist. factor	0 %
Position	R4.0 A10.1 H13.3 mm
Orientation	T > C-21.3 > S0.9
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
FoV read	216 mm
FoV phase	100.0 %
Slice thickness	2.4 mm
TR	7030 ms
TE	80.0 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	HC1-7

Contrast - Common

TR	7030 ms
TE	80.0 ms
MTC	Off
Magn. preparation	None
Fat suppr.	Fat sat.
Fat sat. mode	Weak

Contrast - Dynamic

Averages	1
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Delay in TR	0 ms
Multiple series	Off

Resolution - Common

FoV read	216 mm
FoV phase	100.0 %
Slice thickness	2.4 mm
Base resolution	90
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off

Resolution - iPAT

Accel. mode	None

Resolution - Filter Image

Distortion Corr.	Off
Prescan Normalize	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off
Hamming	Off

Geometry - Common

Slice group	1
Slices	60
Dist. factor	0 %
Position	R4.0 A10.1 H13.3 mm
Orientation	T > C-21.3 > S0.9
Phase enc. dir.	A >> P
FoV read	216 mm
FoV phase	100.0 %
Slice thickness	2.4 mm
TR	7030 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	1

Geometry - AutoAlign

Slice group	1
Position	R4.0 A10.1 H13.3 mm
Orientation	T > C-21.3 > S0.9
Phase enc. dir.	A >> P
AutoAlign	---
Initial Position	R4.0 A10.1 H13.3
R	4.0 mm
A	10.1 mm
H	13.3 mm
Initial Rotation	0.00 deg
Initial Orientation	T > C
T > C	-21.3
> S	0.9

Geometry - Saturation

Fat suppr.	Fat sat.
Fat sat. mode	Weak
Special sat.	None

Geometry - Tim Planning Suite

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

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
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off

System - Miscellaneous

AutoAlign	---
Coil Select Mode	Off - All

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	R4.0 A10.1 H13.3 mm
Orientation	T > C-21.3 > S0.9
Rotation	0.00 deg
A >> P	216 mm
R >> L	216 mm
F >> H	144 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm

System - Tx/Rx

Frequency 1H	123.252665 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	2.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	7030 ms
Concatenations	1

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
Multi-slice mode	Interleaved
Free echo spacing	On
Echo spacing	0.51 ms
Bandwidth	2778 Hz/Px

Sequence - Part 2

EPI factor	90

Sequence - Part 2

RF pulse type	Normal
Gradient mode	Performance

Sequence - Special

Dummy Scans	1
Reverse Phase Encoding	Off

\\Physicist\LAMB\BT SUBJECTS\BT400\fMRI_nback

TA: 10:04 PM: FIX Voxel size: 2.4×2.4×2.4 mmPAT: 6 Rel. SNR: 1.00 : epfid

Properties

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

Routine

Slice group	1
Slices	60
Dist. factor	0 %
Position	R4.0 A10.1 H13.3 mm
Orientation	T > C-21.3 > S0.9
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
FoV read	216 mm
FoV phase	100.0 %
Slice thickness	2.4 mm
TR	800 ms
TE	30.0 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	HC1-7

Contrast - Common

TR	800 ms
TE	30.0 ms
MTC	Off
Flip angle	52 deg
Fat suppr.	Fat sat.

Contrast - Dynamic

Averages	1
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	750
Delay in TR	0 ms
Multiple series	Off

Resolution - Common

FoV read	216 mm
FoV phase	100.0 %
Slice thickness	2.4 mm
Base resolution	90
Phase resolution	100 %
Phase partial Fourier	Off
Interpolation	Off

Resolution - iPAT

Accel. mode	Slice accel.
Accel. factor PE	1
Ref. lines PE	22

Resolution - iPAT

Accel. factor slice	6
Reference scan mode	EPI/separate

Resolution - Filter Image

Distortion Corr.	Off
Prescan Normalize	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off
Hamming	Off

Geometry - Common

Slice group	1
Slices	60
Dist. factor	0 %
Position	R4.0 A10.1 H13.3 mm
Orientation	T > C-21.3 > S0.9
Phase enc. dir.	A >> P
FoV read	216 mm
FoV phase	100.0 %
Slice thickness	2.4 mm
TR	800 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	1

Geometry - AutoAlign

Slice group	1
Position	R4.0 A10.1 H13.3 mm
Orientation	T > C-21.3 > S0.9
Phase enc. dir.	A >> P
AutoAlign	---
Initial Position	R4.0 A10.1 H13.3
R	4.0 mm
A	10.1 mm
H	13.3 mm
Initial Rotation	0.00 deg
Initial Orientation	T > C
T > C	-21.3
> S	0.9

Geometry - Saturation

Fat suppr.	Fat sat.
Special sat.	None

Geometry - Tim Planning Suite

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

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

System - Miscellaneous

Coil Combine Mode	Sum of Squares
Matrix Optimization	Off
AutoAlign	---
Coil Select Mode	Off - All

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	R4.0 A10.1 H13.3 mm
Orientation	T > C-21.3 > S0.9
Rotation	0.00 deg
A >> P	216 mm
R >> L	216 mm
F >> H	144 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm
Excitation	Standard

System - Tx/Rx

Frequency 1H	123.252665 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	Pulse/Trigger
Average cycle	899 ± 161 ms
Average cycle	No Signal ms
Acquisition window	833 ms
Trigger pulse	1
Trigger delay	0 ms
TR	800 ms
Concatenations	1
Phases	1

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	Off
Temp. highpass filter	Off
Threshold	4.00
Paradigm size	3
Meas[1]	Baseline
Meas[2]	Baseline
Meas[3]	Active
Motion correction	Off
Spatial filter	Off
Measurements	750
Delay in TR	0 ms
Multiple series	Off

Sequence - Part 1

Introduction	Off
Multi-slice mode	Interleaved
Free echo spacing	Off
Echo spacing	0.51 ms
Bandwidth	2778 Hz/Px

Sequence - Part 2

EPI factor	90
RF pulse type	Normal
Gradient mode	Fast
Excitation	Standard

Sequence - pTX Pulses

Sequence - Special

Dummy Scans	0
K-space streaming	None
Physio recording	Continuous
Reverse Phase Encoding	On