

\\Wissenschaft\\[REDACTED]\\fMRI\\AAHead_Scout

TA: 0:14 PM: REF Voxel size: 1.6×1.6×1.6 mmPAT: 3 Rel. SNR: 1.00 : fl

Properties

Pro recon	Off
Load mages to v ewer	On
In ne mov e	Off
Auto store mages	On
Load mages to stamp segments	Off
Load mages to graph c segments	On
Auto open n ne d sp ay	Off
Auto c ose n ne d sp ay	Off
Start measurement w thout further preparat on	On
Wa t for user to start	Off
Start measurements	S ng e measurement

Routine

S ab group	1
S abs	1
D st. factor	20 %
Pos t on	L0.0 A10.0 H0.0 mm
Or entat on	Sag tta
Phase enc. d r.	A >> P
Phase oversamp ng	0 %
S ce oversamp ng	0.0 %
S ces per s ab	128
FoV read	260 mm
FoV phase	100.0 %
S ce th ckness	1.6 mm
TR	3.15 ms
TE	1.37 ms
Averages	1
Concatenat ons	1
F ter	D st on Corr.(2D)
Co e ements	HE1-4

Contrast - Common

TR	3.15 ms
TE	1.37 ms
F p ang e	8 deg

Contrast - Dynamic

Averages	1
Averag ng mode	Short term
Reconstruct on	Magn tude
Measurements	1

Resolution - Common

FoV read	260 mm
FoV phase	100.0 %
S ce th ckness	1.6 mm
Base reso ut on	160
Phase reso ut on	100 %
S ce reso ut on	69 %
Phase part a Four er	6/8
S ce part a Four er	6/8
Trajectory	Cartes an

Resolution - iPAT

PAT mode	GRAPPA
Acce . factor PE	3
Ref. nes PE	24
Acce . factor 3D	1

Resolution - iPAT

Reference scan mode	Integrated
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Resolution - Filter Image

Image F ter	Off
D st on Corr.	On
Mode	2D
Unf tered mages	Off
Prescan Norma ze	Off
Norma ze	Off
B1 f ter	Off

Resolution - Filter Rawdata

Raw f ter	Off
E pt ca f ter	Off

Geometry - Common

S ab group	1
S abs	1
D st. factor	20 %
Pos t on	L0.0 A10.0 H0.0 mm
Or entat on	Sag tta
Phase enc. d r.	A >> P
S ce oversamp ng	0.0 %
S ces per s ab	128
FoV read	260 mm
FoV phase	100.0 %
S ce th ckness	1.6 mm
TR	3.15 ms
Mu t -s ce mode	Sequent a
Ser es	Ascend ng
Concatenat ons	1

Geometry - AutoAlign

S ab group	1
Pos t on	L0.0 A10.0 H0.0 mm
Or entat on	Sag tta
Phase enc. d r.	A >> P
In t a Pos t on	Isocenter
L	0.0 mm
P	0.0 mm
H	0.0 mm
In t a Rotat on	0.00 deg
In t a Or entat on	Transversa

Geometry - Tim Planning Suite

Set-n-Go Protoco	Off
Tab e post on	H
Tab e post on	0 mm
In ne Compos ng	Off

System - Miscellaneous

Pos t on ng mode	REF
Tab e post on	H
Tab e post on	0 mm
MSMA	S - C - T
Sag tta	R >> L
Corona	A >> P
Transversa	F >> H
Co Comb ne Mode	Adapt ve Comb ne
Save uncomb ned	Off

System - Miscellaneous

Matrix Optimization	Off
Co-Select Mode	Off - AutoCo-Select

System - Adjustments

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

System - Adjust Volume

Position	Isocenter
Orientat ion	Transversa
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
Excitation	Non-select

System - Tx/Rx

Frequency 1H	123.252572 MHz
Correction factor	1
Gain	Low
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - PACE

Resp. control	Off
Concatenations	1

Inline - Common

F-p angle	8 deg
Measurements	1
Time to center	6.2 s

Inline - Inline

Subtract	Off
Measurements	1
StdDev	Off
Save original images	On

Inline - MIP

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

Inline - Composing

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

Sequence - Part 1

Introduction	On
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Sequence - Part 1

Dimens ion	3D
Asymmetric echo	Weak
Contrasts	1
Multislice mode	Sequential
Bandwidth	540 Hz/Px

Sequence - Part 2

RF pulse type	Fast
Gradient mode	Normal
Excitation	Non-select
RF spacing	On

Sequence - Assistant

Mode	Off
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\\Wissenschaft\\[redacted]\\fMRI\\t1_mprage_sag

TA: 9:22 PM: REF Voxel size: 1.0×1.0×1.0 mmPAT: Off Rel. SNR: 1.00 : tfl

Properties

Pro recon	Off
Load images to viewer	On
In line move	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

S ab group	1
S abs	1
D st. factor	50 %
Pos t on	Isocenter
Or entat on	Sag tta
Phase enc. d r.	A >> P
AutoA gn	Head > Bra n
Phase oversamp ng	0 %
S ce oversamp ng	0.0 %
S ces per s ab	192
FoV read	256 mm
FoV phase	100.0 %
S ce th ckness	1.00 mm
TR	2500.0 ms
TE	4.25 ms
Averages	1
Concatenat ons	1
F ter	D stort on Corr.(3D), Prescan Norma ze
Co e ements	HE1-4;NE1,2

Contrast - Common

TR	2500.0 ms
TE	4.25 ms
Magn. preparat on	Non-se . IR
TI	1100 ms
F p ang e	7 deg
Fat suppr.	Water exc t. fast
Water suppr.	None

Contrast - Dynamic

Averages	1
Averag ng mode	Long term
Reconstruct on	Magn tude
Measurements	1
Mu t p e ser es	Each measurement

Resolution - Common

FoV read	256 mm
FoV phase	100.0 %
S ce th ckness	1.00 mm
Base reso ut on	256
Phase reso ut on	100 %
S ce reso ut on	100 %
Phase part a Four er	7/8
S ce part a Four er	Off

Resolution - Common

Interpo at on	Off
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Resolution - iPAT

PAT mode	None
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Resolution - Filter Image

Image F ter	Off
D stort on Corr.	On
Mode	3D
Unf tered mages	On
Prescan Norma ze	On
Unf tered mages	Off
Norma ze	Off
B1 f ter	Off

Resolution - Filter Rawdata

Raw f ter	Off
E pt ca f ter	Off

Geometry - Common

S ab group	1
S abs	1
D st. factor	50 %
Pos t on	Isocenter
Or entat on	Sag tta
Phase enc. d r.	A >> P
S ce oversamp ng	0.0 %
S ces per s ab	192
FoV read	256 mm
FoV phase	100.0 %
S ce th ckness	1.00 mm
TR	2500.0 ms
Mu t-s ce mode	Sequent a
Ser es	Ascend ng
Concatenat ons	1

Geometry - AutoAlign

S ab group	1
Pos t on	Isocenter
Or entat on	Sag tta
Phase enc. d r.	A >> P
AutoA gn	Head > Bra n
In t a Post on	Isocenter
L	0.0 mm
P	0.0 mm
H	0.0 mm
In t a Rotat on	0.00 deg
In t a Or entat on	Transversa

Geometry - Navigator**Geometry - Tim Planning Suite**

Set-n-Go Protoco	Off
Tab e pos t on	H
Tab e pos t on	0 mm
In ne Compos ng	Off

System - Miscellaneous

Pos t on ng mode	REF
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System - Miscellaneous

Tab e post on	H
Tab e post on	0 mm
MSMA	S - C - T
Sag tta	R >> L
Corona	A >> P
Transversa	F >> H
Co Comb ne Mode	Adapt ve Comb ne
Save uncomb ned	Off
Matr x Opt m zat on	Off
AutoA gn	Head > Bra n
Co Se ect Mode	Defau t

System - Adjustments

B0 Sh m mode	Standard
B1 Sh m mode	TrueForm
Adjust w th body co	Off
Conf rm freq. adjustment	Off
Assume Dom nant Fat	Off
Assume S cone	Off
Adjustment To erance	Auto

System - Adjust Volume

Pos t on	Isocenter
Or entat on	Sag tta
Rotat on	0.00 deg
A >> P	256 mm
F >> H	256 mm
R >> L	192 mm
Reset	Off

System - pTx Volumes

B1 Sh m mode	TrueForm
Exc tat on	Non-se .

System - Tx/Rx

Frequency 1H	123.252572 MHz
Correct on factor	1
Ga n	Low
Img. Sca e Cor.	1.000
Reset	Off
? Ref. amp tude 1H	0.000 V

Physio - Signal1

1st S gna /Mode	None
TR	2500.0 ms
Concatenat ons	1

Physio - Cardiac

Magn. preparat on	Non-se . IR
TI	1100 ms
Fat suppr.	Water exc t. fast
Dark b ood	Off
FoV read	256 mm
FoV phase	100.0 %
Phase reso ut on	100 %

Physio - PACE

Resp. contro	Off
Concatenat ons	1

Inline - Common

Subtract	Off
Measurements	1

Inline - Common

StdDev	Off
Save or g na mages	On

Inline - MIP

MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-T me	Off
Save or g na mages	On

Inline - Composing

In ne Compos ng	Off
D stort on Corr.	On
Mode	3D
Unf tered mages	On

Sequence - Part 1

Introduct on	On
D mens on	3D
E pt ca scann ng	Off
Reorder ng	L near
Asymmetr c echo	Off
F ow comp.	No
Mu t -s ce mode	Sequent a
Echo spac ng	11.1 ms
Bandw dth	160 Hz/Px

Sequence - Part 2

RF pu se type	Norma
Grad ent mode	Wh sper
Exc tat on	Non-se .
RF spo ng	On
Incr. Grad ent spo ng	Off
Turbo factor	192

Sequence - Assistant

Mode	Off
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\\Wissenschaft\\[redacted]\\fMRI\\ep2d_bold_Test

TA: 8.0 s PM: FIX Voxel size: 3.0×3.0×3.0 mmPAT: Off Rel. SNR: 1.00 : epfid

Properties

Pro recon	Off
Load images to viewer	On
In line move	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graphic segments	Off
Auto open in line display	On
Auto close in line display	Off
Start measurement without further preparation	Off
Wait for user to start	On
Start measurements	Single measurement

Routine

Sequence group	1
Scenes	33
Dist. factor	15 %
Position	L0.0 A4.0 H14.9 mm
Orientation	Transversa
Phase encoding	A >> P
AutoAlign	Head > Brain
Phase oversampling	0 %
FoV read	192 mm
FoV phase	100.0 %
Sequence thickness	3.0 mm
TR	2010 ms
TE	30.0 ms
Averages	1
Concatenations	1
Filter	Raw filter
Comments	HE1-4;NE2

Contrast - Common

TR	2010 ms
TE	30.0 ms
MTC	Off
Flip angle	78 deg
Fat suppression	Fat sat.

Contrast - Dynamic

Averages	1
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	2
Delay in TR	0 ms
Multiplexing	Off

Resolution - Common

FoV read	192 mm
FoV phase	100.0 %
Sequence thickness	3.0 mm
Base resolution	64
Phase resolution	100 %
Phase partitioning	Off
Interpolation	Off

Resolution - iPAT

Acceleration mode	None
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Resolution - Filter Image

Distortion Correction	Off
Prescan Normalization	Off

Resolution - Filter Rawdata

Raw filter	On
Edge detection	Off
Hanning	Off

Geometry - Common

Sequence group	1
Scenes	33
Dist. factor	15 %
Position	L0.0 A4.0 H14.9 mm
Orientation	Transversa
Phase encoding	A >> P
FoV read	192 mm
FoV phase	100.0 %
Sequence thickness	3.0 mm
TR	2010 ms
Multiplexing mode	Interleaved
Slices	Interleaved
Concatenations	1

Geometry - AutoAlign

Sequence group	1
Position	L0.0 A4.0 H14.9 mm
Orientation	Transversa
Phase encoding	A >> P
AutoAlign	Head > Brain
Isocenter	Isocenter
L	0.0 mm
P	0.0 mm
H	0.0 mm
Isocenter Rotation	0.00 deg
Isocenter Orientation	Transversa

Geometry - Saturation

Fat suppression	Fat sat.
Spectral saturation	None

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table position	H
Table position	0 mm
In-line Composition	Off

System - Miscellaneous

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transverse	F >> H
Combination Mode	Sum of Squares
Matrix Optimization	Off
AutoAlign	Head > Brain
Correction Mode	Off - AutoCorrection

System - Adjustments

B0 Sh m mode	Advanced
B1 Sh m mode	TrueForm
Adjust w th body co	Off
Conf rm freq. adjustment	Off
Assume Dom nant Fat	Off
Assume S cone	Off
Adjustment To erance	Auto

Sequence - Part 2

Exc tat on	Standard
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Sequence - pTX Pulses**System - Adjust Volume**

Pos t on	L0.0 A4.0 H14.9 mm
Or entat on	Transversa
Rotat on	0.00 deg
A >> P	192 mm
R >> L	192 mm
F >> H	114 mm
Reset	Off

System - pTx Volumes

B1 Sh m mode	TrueForm
Exc tat on	Standard

System - Tx/Rx

Frequency 1H	123.252572 MHz
Correct on factor	1
Ga n	H gh
Img. Sca e Cor.	1.000
Reset	Off
? Ref. amp tude 1H	0.000 V

Physio - Signal1

1st S gna /Mode	None
TR	2010 ms
Concatenat ons	1

BOLD

GLM Stat st cs	Off
Dynam c t-maps	Off
Ignore meas. at start	0
Ignore after trans t on	0
Mode trans t on states	On
Temp. h ghpass f ter	On
Thresho d	4.00
Parad gm s ze	3
Meas[1]	Base ne
Meas[2]	Base ne
Meas[3]	Act ve
Mot on correct on	Off
Spat a f ter	Off
Measurements	2
De ay n TR	0 ms
Mu t p e ser es	Off

Sequence - Part 1

Introduct on	Off
Mu t -s ce mode	Inter eaved
Free echo spac ng	Off
Echo spac ng	0.49 ms
Bandw dth	2368 Hz/Px

Sequence - Part 2

EPI factor	64
RF pu se type	Norma
Grad ent mode	Fast

bart_run1

\\Wissenschaft\\[redacted]\\fMRI\\ep2d_bold

TA: 12:48 PM: FIX Voxel size: 3.0×3.0×3.0 mmPAT: Off Rel. SNR: 1.00 : epfid

Properties

Pro recon	Off
Load images to viewer	On
In line move	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graph c segments	Off
Auto open n ne d sp ay	On
Auto close n ne d sp ay	Off
Start measurement without further preparation	Off
Wait for user to start	On
Start measurements	Single measurement

Routine

Sequence group	1
Scenes	33
Dst. factor	15 %
Position	Isocenter
Orientation	Transversa
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Phase oversampling	0 %
FoV read	192 mm
FoV phase	100.0 %
Sequence thickness	3.0 mm
TR	2010 ms
TE	30.0 ms
Averages	1
Concatenations	1
Filter	Raw filter
Comments	HE1-4

Contrast - Common

TR	2010 ms
TE	30.0 ms
MTC	Off
Flip angle	78 deg
Fat suppr.	Fat sat.

Contrast - Dynamic

Averages	1
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	380
Delay n TR	0 ms
Multiples	Off

Resolution - Common

FoV read	192 mm
FoV phase	100.0 %
Sequence thickness	3.0 mm
Base resolution	64
Phase resolution	100 %
Phase partition factor	Off
Interpolation	Off

Resolution - iPAT

Acceleration mode	None
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Resolution - Filter Image

Dstort on Corr.	Off
Prescan Normalization	Off

Resolution - Filter Rawdata

Raw filter	On
Endpoint filter	Off
Hanning	Off

Geometry - Common

Sequence group	1
Scenes	33
Dst. factor	15 %
Position	Isocenter
Orientation	Transversa
Phase enc. dir.	A >> P
FoV read	192 mm
FoV phase	100.0 %
Sequence thickness	3.0 mm
TR	2010 ms
Multislice mode	Interleaved
Slices	Interleaved
Concatenations	1

Geometry - AutoAlign

Sequence group	1
Position	Isocenter
Orientation	Transversa
Phase enc. dir.	A >> P
AutoAlign	Head > Brain
Initial Position	Isocenter
L	0.0 mm
P	0.0 mm
H	0.0 mm
Initial Rotation	0.00 deg
Initial Orientation	Transversa

Geometry - Saturation

Fat suppr.	Fat sat.
Spectral sat.	None

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table position	H
Table position	0 mm
In-line Compositing	Off

System - Miscellaneous

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transverse	F >> H
Combination Mode	Sum of Squares
Matrix Optimization	Off
AutoAlign	Head > Brain
Correction Mode	Off - AutoCorrection

System - Adjustments

B0 Sh m mode	Advanced
B1 Sh m mode	TrueForm
Adjust w th body co	Off
Conf rm freq. adjustment	Off
Assume Dom nant Fat	Off
Assume S cone	Off
Adjustment To erance	Auto

Sequence - Part 2

Exc tat on	Standard
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Sequence - pTX Pulses**System - Adjust Volume**

Pos t on	Isocenter
Or entat on	Transversa
Rotat on	0.00 deg
A >> P	192 mm
R >> L	192 mm
F >> H	114 mm
Reset	Off

System - pTx Volumes

B1 Sh m mode	TrueForm
Exc tat on	Standard

System - Tx/Rx

Frequency 1H	123.252572 MHz
Correct on factor	1
Ga n	H gh
Img. Sca e Cor.	1.000
Reset	Off
? Ref. amp tude 1H	0.000 V

Physio - Signal1

1st S gna /Mode	None
TR	2010 ms
Concatenat ons	1

BOLD

GLM Stat st cs	Off
Dynam c t-maps	Off
Ignore meas. at start	0
Ignore after trans t on	0
Mode trans t on states	On
Temp. h ghpass f ter	On
Thresho d	4.00
Parad gm s ze	3
Meas[1]	Base ne
Meas[2]	Base ne
Meas[3]	Act ve
Mot on correct on	Off
Spat a f ter	Off
Measurements	380
De ay n TR	0 ms
Mu t p e ser es	Off

Sequence - Part 1

Introduct on	Off
Mu t -s ce mode	Inter eaved
Free echo spac ng	Off
Echo spac ng	0.49 ms
Bandw dth	2368 Hz/Px

Sequence - Part 2

EPI factor	64
RF pu se type	Norma
Grad ent mode	Fast

bart_run2

\\Wissenschaft\ [redacted] \fMRI\ep2d_bold

TA: 12:48 PM: FIX Voxel size: 3.0×3.0×3.0 mmPAT: Off Rel. SNR: 1.00 : epfid

Properties

Pro recon	Off
Load images to viewer	On
In line move	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graph c segments	Off
Auto open n ne d sp ay	Off
Auto c ose n ne d sp ay	Off
Start measurement w thout further preparat on	Off
Wa t for user to start	On
Start measurements	S ng e measurement

Routine

S ce group	1
S ces	33
D st. factor	15 %
Pos t on	Isocenter
Or entat on	Transversa
Phase enc. d r.	A >> P
AutoA gn	Head > Bra n
Phase oversamp ng	0 %
FoV read	192 mm
FoV phase	100.0 %
S ce th ckness	3.0 mm
TR	2010 ms
TE	30.0 ms
Averages	1
Concatenat ons	1
F ter	Raw f ter
Co e ements	HE1-4

Contrast - Common

TR	2010 ms
TE	30.0 ms
MTC	Off
F p ang e	78 deg
Fat suppr.	Fat sat.

Contrast - Dynamic

Averages	1
Averag ng mode	Long term
Reconstruct on	Magn tude
Measurements	380
De ay n TR	0 ms
Mu t p e ser es	Off

Resolution - Common

FoV read	192 mm
FoV phase	100.0 %
S ce th ckness	3.0 mm
Base reso ut on	64
Phase reso ut on	100 %
Phase part a Four er	Off
Interpo at on	Off

Resolution - iPAT

Acce . mode	None
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Resolution - Filter Image

D st on Corr.	Off
Prescan Norma ze	Off

Resolution - Filter Rawdata

Raw f ter	On
E pt ca f ter	Off
Hamm ng	Off

Geometry - Common

S ce group	1
S ces	33
D st. factor	15 %
Pos t on	Isocenter
Or entat on	Transversa
Phase enc. d r.	A >> P
FoV read	192 mm
FoV phase	100.0 %
S ce th ckness	3.0 mm
TR	2010 ms
Mu t -s ce mode	Inter eaved
Ser es	Inter eaved
Concatenat ons	1

Geometry - AutoAlign

S ce group	1
Pos t on	Isocenter
Or entat on	Transversa
Phase enc. d r.	A >> P
AutoA gn	Head > Bra n
Int a Post on	Isocenter
L	0.0 mm
P	0.0 mm
H	0.0 mm
Int a Rotat on	0.00 deg
Int a Or entat on	Transversa

Geometry - Saturation

Fat suppr.	Fat sat.
Spec a sat.	None

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Tab e pos t on	H
Tab e pos t on	0 mm
In ne Compos ng	Off

System - Miscellaneous

Pos t on ng mode	FIX
Tab e pos t on	H
Tab e pos t on	0 mm
MSMA	S - C - T
Sag tta	R >> L
Corona	A >> P
Transversa	F >> H
Co Comb ne Mode	Sum of Squares
Matr x Opt m zat on	Off
AutoA gn	Head > Bra n
Co Se ect Mode	Off - AutoCo Se ect

System - Adjustments

B0 Sh m mode	Advanced
B1 Sh m mode	TrueForm
Adjust w th body co	Off
Conf rm freq. adjustment	Off
Assume Dom nant Fat	Off
Assume S cone	Off
Adjustment To erance	Auto

System - Adjust Volume

Pos t on	Isocenter
Or entat on	Transversa
Rotat on	0.00 deg
A >> P	192 mm
R >> L	192 mm
F >> H	114 mm
Reset	Off

System - pTx Volumes

B1 Sh m mode	TrueForm
Exc tat on	Standard

System - Tx/Rx

Frequency 1H	123.252572 MHz
Correct on factor	1
Ga n	H gh
Img. Sca e Cor.	1.000
Reset	Off
? Ref. amp tude 1H	0.000 V

Physio - Signal1

1st S gna /Mode	None
TR	2010 ms
Concatenat ons	1

BOLD

GLM Stat st cs	Off
Dynam c t-maps	Off
Ignore meas. at start	0
Ignore after trans t on	0
Mode trans t on states	On
Temp. h ghpass f ter	On
Thresho d	4.00
Parad gm s ze	16
Meas[1]	Base ne
Meas[2]	Base ne
Meas[3]	Base ne
Meas[4]	Base ne
Meas[5]	Base ne
Meas[6]	Base ne
Meas[7]	Base ne
Meas[8]	Base ne
Meas[9]	Act ve
Meas[10]	Act ve
Meas[11]	Act ve
Meas[12]	Act ve
Meas[13]	Act ve
Meas[14]	Act ve
Meas[15]	Act ve
Meas[16]	Act ve
Mot on correct on	Off
Spat a f ter	Off
Measurements	380
De ay n TR	0 ms
Mu t p e ser es	Off

Sequence - Part 1

Introduct on	Off
Mu t -s ce mode	Inter eaved
Free echo spac ng	Off
Echo spac ng	0.49 ms
Bandw dth	2368 Hz/Px

Sequence - Part 2

EPI factor	64
RF pu se type	Norma
Grad ent mode	Fast
Exc tat on	Standard

Sequence - pTX Pulses

delay discounting task

\\Wissenschaft\ [redacted] \fMRI\ep2d_bold

TA: 14:08 PM: FIX Voxel size: 3.0×3.0×3.0 mmPAT: Off Rel. SNR: 1.00 : epfid

Properties

Pro recon	Off
Load images to viewer	On
In line move	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graphic segments	Off
Auto open in line display	Off
Auto close in line display	Off
Start measurement without further preparation	Off
Wait for user to start	On
Start measurements	Single measurement

Routine

Sequence group	1
Scenes	33
Dst. factor	15 %
Position	Isocenter
Orientation	Transversa
Phase encoding	A >> P
AutoAlign	Head > Brain
Phase oversampling	0 %
FoV read	192 mm
FoV phase	100.0 %
Section thickness	3.0 mm
TR	2010 ms
TE	30.0 ms
Averages	1
Concatenations	1
Filter	Raw filter
Comments	HE1-4

Contrast - Common

TR	2010 ms
TE	30.0 ms
MTC	Off
Flip angle	78 deg
Fat suppress.	Fat sat.

Contrast - Dynamic

Averages	1
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	420
Delay in TR	0 ms
Multiples	Off

Resolution - Common

FoV read	192 mm
FoV phase	100.0 %
Section thickness	3.0 mm
Base resolution	64
Phase resolution	100 %
Phase partition	Off
Interpolation	Off

Resolution - iPAT

Acceleration mode	None
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Resolution - Filter Image

Dstort on Corr.	Off
Prescan Normalization	Off

Resolution - Filter Rawdata

Raw filter	On
Endpoint filter	Off
Hanning	Off

Geometry - Common

Sequence group	1
Scenes	33
Dst. factor	15 %
Position	Isocenter
Orientation	Transversa
Phase encoding	A >> P
FoV read	192 mm
FoV phase	100.0 %
Section thickness	3.0 mm
TR	2010 ms
Multislice mode	Interleaved
Slices	Interleaved
Concatenations	1

Geometry - AutoAlign

Sequence group	1
Position	Isocenter
Orientation	Transversa
Phase encoding	A >> P
AutoAlign	Head > Brain
Initial Position	Isocenter
L	0.0 mm
P	0.0 mm
H	0.0 mm
Initial Rotation	0.00 deg
Initial Orientation	Transversa

Geometry - Saturation

Fat suppress.	Fat sat.
Spectral sat.	None

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table position	H
Table position	0 mm
In-line Composition	Off

System - Miscellaneous

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transverse	F >> H
Combination Mode	Sum of Squares
Matrix Optimization	Off
AutoAlign	Head > Brain
Correction Mode	Off - AutoCorrection

System - Adjustments

B0 Sh m mode	Advanced
B1 Sh m mode	TrueForm
Adjust w th body co	Off
Conf rm freq. adjustment	Off
Assume Dom nant Fat	Off
Assume S cone	Off
Adjustment To erance	Auto

System - Adjust Volume

Pos t on	Isocenter
Or entat on	Transversa
Rotat on	0.00 deg
A >> P	192 mm
R >> L	192 mm
F >> H	114 mm
Reset	Off

System - pTx Volumes

B1 Sh m mode	TrueForm
Exc tat on	Standard

System - Tx/Rx

Frequency 1H	123.252572 MHz
Correct on factor	1
Ga n	H gh
Img. Sca e Cor.	1.000
Reset	Off
? Ref. amp tude 1H	0.000 V

Physio - Signal1

1st S gna /Mode	None
TR	2010 ms
Concatenat ons	1

BOLD

GLM Stat st cs	Off
Dynam c t-maps	Off
Ignore meas. at start	0
Ignore after trans t on	0
Mode trans t on states	On
Temp. h ghpass f ter	On
Thresho d	4.00
Parad gm s ze	16
Meas[1]	Base ne
Meas[2]	Base ne
Meas[3]	Base ne
Meas[4]	Base ne
Meas[5]	Base ne
Meas[6]	Base ne
Meas[7]	Base ne
Meas[8]	Base ne
Meas[9]	Act ve
Meas[10]	Act ve
Meas[11]	Act ve
Meas[12]	Act ve
Meas[13]	Act ve
Meas[14]	Act ve
Meas[15]	Act ve
Meas[16]	Act ve
Mot on correct on	Off
Spat a f ter	Off
Measurements	420
De ay n TR	0 ms
Mu t p e ser es	Off

Sequence - Part 1

Introduct on	Off
Mu t -s ce mode	Inter eaved
Free echo spac ng	Off
Echo spac ng	0.49 ms
Bandw dth	2368 Hz/Px

Sequence - Part 2

EPI factor	64
RF pu se type	Norma
Grad ent mode	Fast
Exc tat on	Standard

Sequence - pTX Pulses