

**Table of contents**

\USER

NEURO

3T-7T

INTERCEPT-BOLD

[mbep2d\\_bold\\_RL\\_HCP\\_1p6\\_run2](#)

\\USER\NEURO\3T-7T\INTERCEPT-BOLD\mbep2d\_bold\_RL\_HCP\_1p6\_run2

TA: 19:22 PM: FIX Voxel size: 1.6×1.6×1.6 mmPAT: 2 Rel. SNR: 1.00 : epfid

**Properties**

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

**Routine**

Slice group	1
Slices	85
Dist. factor	0 %
Position	L2.1 P14.9 H22.6 mm
Orientation	T > C-18.5 > S-1.8
Phase enc. dir.	R >> L
AutoAlign	Head > Basis
Phase oversampling	0 %
FoV read	228 mm
FoV phase	100.0 %
Slice thickness	1.60 mm
TR	1080 ms
TE	25.20 ms
Multi-band accel. factor	5
Filter	Raw filter
Coil elements	A32

**Contrast - Common**

TR	1080 ms
TE	25.20 ms
MTC	Off
Magn. preparation	None
Flip angle	38 deg
Fat suppr.	Fat sat.

**Contrast - Dynamic**

Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1053
Delay in TR	0 ms
Multiple series	Off

**Resolution - Common**

FoV read	228 mm
FoV phase	100.0 %
Slice thickness	1.60 mm
Base resolution	142
Phase resolution	100 %
Phase partial Fourier	7/8
Interpolation	Off

**Resolution - iPAT**

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Reference scan mode	Single-shot

**Resolution - Filter Image**

Distortion Corr.	Off
Prescan Normalize	Off

**Resolution - Filter Rawdata**

Raw filter	On
Elliptical filter	Off
Hamming	Off

**Geometry - Common**

Slice group	1
Slices	85
Dist. factor	0 %
Position	L2.1 P14.9 H22.6 mm
Orientation	T > C-18.5 > S-1.8
Phase enc. dir.	R >> L
FoV read	228 mm
FoV phase	100.0 %
Slice thickness	1.60 mm
TR	1080 ms
Multi-slice mode	Interleaved
Series	Interleaved
Multi-band accel. factor	5

**Geometry - AutoAlign**

Slice group	1
Position	L2.1 P14.9 H22.6 mm
Orientation	T > C-18.5 > S-1.8
Phase enc. dir.	R >> L
AutoAlign	Head > Basis
Initial Position	L2.1 P14.9 H22.6
L	2.1 mm
P	14.9 mm
H	22.6 mm
Initial Rotation	89.40 deg
Initial Orientation	T > C
T > C	-18.5
> S	-1.8

**Geometry - Saturation**

Fat suppr.	Fat sat.
Special sat.	None

**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	Sum of Squares
Matrix Optimization	Off
AutoAlign	Head > Basis
Coil Select Mode	Default

**System - Adjustments**

B0 Shim mode	Brain
B1 Shim mode	TrueForm
Confirm freq. adjustment	Off
Assume Dominant Fat	Off

**System - Adjustments**

Assume Silicone	Off
Adjustment Tolerance	Auto

**System - Adjust Volume**

! Position	L0.0 P0.0 H7.0 mm
! Orientation	Sagittal
! Rotation	0.00 deg
! A >> P	240 mm
! F >> H	200 mm
! R >> L	176 mm
Reset	Off

**System - Tx/Rx**

Frequency 1H	297.191438 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	1080 ms
Multi-band accel. factor	5

**BOLD**

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Meas[1]	Baseline
Meas[2]	Baseline
Meas[3]	Baseline
Meas[4]	Baseline
Meas[5]	Baseline
Meas[6]	Baseline
Meas[7]	Baseline
Meas[8]	Baseline
Meas[9]	Baseline
Meas[10]	Baseline
Meas[11]	Active
Meas[12]	Active
Meas[13]	Active
Meas[14]	Active
Meas[15]	Active
Meas[16]	Active
Meas[17]	Active
Meas[18]	Active
Meas[19]	Active
Meas[20]	Active
Motion correction	On
Spatial filter	Off
Measurements	1053
Delay in TR	0 ms
Multiple series	Off

**Sequence - Part 1**

Introduction	Off
Contrasts	1
Flow comp.	No

**Sequence - Part 1**

Multi-slice mode	Interleaved
Free echo spacing	Off
Echo spacing	0.7 ms
Bandwidth	1956 Hz/Px

**Sequence - Part 2**

EPI factor	142
Gradient mode	Fast*
RF spoiling	Off

**Sequence - Special**

Excite pulse duration	5120 us
Single-band images	Off
MB LeakBlock kernel	On
MB dual kernel	Off
MB RF phase scramble	On
SENSE1 coil combine	On
Invert RO/PE polarity	Off
PF omits higher k-space	Off
Disable freq. update	Off
Force equal slice timing	Off
Online multi-band recon.	Online
FFT scale factor	1.00
Fat saturation FA	110.0 deg
Physio recording	Off
Triggering scheme	Every Slice