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| --- | --- |
| **Head Scout** | |
| TA: 0:17 PM: REF Voxel size: 1.6×1.6×1.6 mmPAT: 2 Rel. SNR: 1.00 : fl | |
| **Properties** | |
| Prio Recon. | Off |
| Load to viewer | On |
| Inline movie | Off |
| Auto store images | On |
| Load to stamp segments | Off |
| Load 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 | Off |
| Start measurements | Single |
| **Routine** | |
| Slab group | 1 |
| Slabs | 1 |
| Dist. factor | 20% |
| Position | L0.0 P20.0 H0.0 mm |
| Orientation | Sagittal |
| Phase enc. dir | A >> P |
| Phase oversampling | 0% |
| Slice oversampling | 0.0% |
| Slices per slab | 128 |
| FoV read | 260 mm |
| FoV phase | 100.0% |
| Slice thickness | 1.6 mm |
| TR | 3.15 ms |
| TE | 1.37 ms |
| Averages | 1 |
| Concatenations | 1 |
| Filter | None |
| Coil elements | HC1-6 |
| **Contrast - general** | |
| TR | 3.15 ms |
| TE | 1.37 ms |
| Flip angle | 8 deg |
| **Contrast - dynamic** | |
| Averages | 1 |
| Averaging mode | Short term |
| Reconstruction | Magnitude |
| Measurements | 1 |
| **Resolution - general** | |
| FoV read | 260 mm |
| FoV phase | 100.0% |
| Slice thickness | 1.6 mm |
| Base resolution | 160 |
| Phase resolution | 100% |
| Slice resolution | 69% |
| Phase partial Fourier | 6/8 |
| Slice partial Fourier | 6/8 |
| Trajectory | Cartesian |
| **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 norm. | Off |
| Unfiltered images | Off |
| Normalize | Off |
| B1 filter | Off |
| **Resolution - filter raw data** | |
| Raw filter | Off |
| Elliptical filter | Off |
| **Geometry - general** | |
| Slab group | 1 |
| Slabs | 1 |
| Dist. factor | 20% |
| Position | L0.0 P20.0 H0.0 mm |
| Orientation | Sagittal |
| Phase enc. dir | A >> P |
| Slice oversampling | 0.0% |
| Slices per slab | 128 |
| FoV read | 260 mm |
| FoV phase | 100.0% |
| Slice thickness | 1.6 mm |
| TR | 3.15 ms |
| Multi-slice mode | Sequential |
| Series | Ascending |
| Concatenations | 1 |
| **Geometry - AutoAlign** | |
| Slab group | 1 |
| Position | L0.0 P20.0 H0.0 mm |
| Orientation | Sagittal |
| Phase enc. dir | A >> P |
| Initial position | Isocentre |
| L | 0.0 mm |
| P | 0.0 mm |
| H | 0.0 mm |
| Initial rotation | 0.0 deg |
| Initial orientation | Transversal |
| **System - Misc** | |
| Positioning mode | REF |
| Table position | H |
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Coil Combine Mode | Adaptative Combine |
| Save uncombined | Off |
| Optimisation | Off |
| Coil selection | Off - AutoCoilSelect |
| **System - Adjustment** | |
| B0 shim mode | Tune-Up |
| B1 shim mode | TrueForm |
| Adjust with body coil | Off |
| Confirm freq. adjustment | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |
| **System - Adjustment volume** | |
| Position | Isocentre |
| Orientation | Transversal |
| Rotation | 0.00 deg |
| A >> P | 263 mm |
| R >> L | 350 mm |
| F >> H | 350 mm |
| Reset | Off |
| **System - pTx Volume** | |
| B1 shim mode | TrueForm |
| Excitation | Non-sel |
| **System - Tx/Rx** | |
| Frequency 1H | 123.225865 MHz |
| Correction factor | 1 |
| Gain | Low |
| Image Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. Amplitude 1H | 0.000 V |
| **Physio - PACE** | |
| Resp. control | Off |
| Concatenations | 1 |
| **Inline - General** | |
| Flip angle | 8 deg |
| Measurements | 1 |
| Time to k-space center | 7.5 s |
| **Inline - Inline** | |
| Subtraction | 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** | |
| Distortion corr. | Off |
| **Sequence - Part 1** | |
| Introduction | On |
| Dimension | 3D |
| Asymetric echo | Weak |
| Contrasts | 1 |
| Multi-slice mode | Sequential |
| Bandwidth | 540 Hz/Px |
| **Sequence - Part 2** | |
| RF pulse type | Fast |
| Gradient mode | Normal |
| Excitation | Non-sel |
| RF spoiling | On |
| **Sequence - Assistence** | |
| Mode | Off |

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| **Functional GRE EPI** | |
| TA:20:42 PM: FIX Voxel size:2.0x2.0x2.0 mmPAT: 6 Rel. SNR:1.00 :epfid | |
| **Properties** | |
| Prio Recon. | Off |
| Load to viewer | On |
| Inline movie | Off |
| Auto store images | On |
| Load to stamp segments | Off |
| Load 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 |
| **Routine** | |
| Slab group | 1 |
| Slabs | 78 |
| Dist. factor | 0% |
| Position | L0.0 A5.4 F4.1 mm |
| Orientation | T > S2.3 > C-1.6 |
| Phase enc. dir | A >> P |
| AutoAlign | Head > Brain |
| Phase oversampling | 0% |
| FoV read | 208 mm |
| FoV phase | 86.5% |
| Slice thickness | 2.0 mm |
| TR | 1230 ms |
| TE | 32.0 ms |
| Averages | 1 |
| Concatenations | 1 |
| Filter | Prescan normalisation |
| Coil elements | HC1-7 |
| **Contrast - general** | |
| TR | 1230 ms |
| TE | 32.0 ms |
| MTC | Off |
| Flip angle | 65 deg |
| Fat suppr. | Fat sat. |
| **Contrast - dynamic** | |
| Averages | 1 |
| Averaging mode | Long term |
| Reconstruction | Magnitude |
| Measurements | 1000 |
| Delay in TR | 0 ms |
| Multiple series | Off |
| **Resolution - general** | |
| FoV read | 208 mm |
| FoV phase | 86.5% |
| Slice thickness | 2.0 mm |
| Base resolution | 104 |
| Phase resolution | 100% |
| Phase partial Fourier | 7/8 |
| Interpolation | Off |
| **Resolution - iPAT** | |
| Acceleration mode | Slice |
| Accel. factor PE | 1 |
| Ref. lines PE | 12 |
| Accel. factor slice | 6 |
| Reference scan mode | EPI/separate |
| **Resolution - filter image** | |
| Image filter | Off |
| Prescan norm. | On |
| **Resolution - filter raw data** | |
| Raw filter | Off |
| Elliptical filter | Off |
| Hamming | Off |
| **Geometry - general** | |
| Slab group | 1 |
| Slabs | 78 |
| Dist. factor | 0% |
| Position | L0.0 A5.4 F4.1 mm |
| Orientation | T > S2.3 > C-1.6 |
| Phase enc. dir | A >> P |
| FoV read | 208 mm |
| FoV phase | 86.5% |
| Slice thickness | 2.0 mm |
| TR | 1230 ms |
| Multi-slice mode | Interleaved |
| Series | Interleaved |
| Concatenations | 1 |
| **Geometry - AutoAlign** | |
| Slab group | 1 |
| Position | L0.0 A5.4 F4.1 mm |
| Orientation | T > S2.3 > C-1.6 |
| Phase enc. dir | A >> P |
| AutoAlign | Head > Brain |
| Initial position | L0.0 A5.4 F4.1 mm |
| L | 0.0 mm |
| A | 5.4 mm |
| F | 4.1 mm |
| Initial rotation | 0.09 deg |
| Initial orientation | T > S |
| T > S | 2.3 |
| > C | -1.6 |
| **Geometry - Saturation** | |
| Fat suppr. | Fat sat. |
| Special sat. | None |
| **System - Misc** | |
| Positioning mode | REF |
| 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 |
| Optimisation | Speed |
| AutoAlign | Head > Brain |
| Coil selection | Default |
| **System - Adjustment** | |
| 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 - Adjustment volume** | |
| Position | L0.0 A5.4 F4.1 mm |
| Orientation | T > S2.3 > C-1.6 |
| Rotation | 0.09 deg |
| A >> P | 180 mm |
| R >> L | 208 mm |
| F >> H | 156 mm |
| Reset | Off |
| **System - pTx Volume** | |
| B1 shim mode | TrueForm |
| Excitation | Standard |
| **System - Tx/Rx** | |
| Frequency 1H | 123.225865 MHz |
| Correction factor | 1 |
| Gain | High |
| Image Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. Amplitude 1H | 0.000 V |
| **Physio - Signal 1** | |
| 1st Signal/Mode | None |
| TR | 1230 ms |
| Concatenations | 1 |
| **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 | 40 (20 baseline, 20 active) |
| Motion correction | Off |
| Spatial filter | Off |
| Measurements | 1000 |
| Delay in TR | 0 ms |
| Multiple series | Off |
| **Sequence - Part 1** | |
| Introduction | On |
| Multi-slice mode | Interleaved |
| Free echo spacing | Off |
| Echo spacing | 0.69 ms |
| Bandwidth | 1780 Hz/Px |
| **Sequence - Part 2** | |
| EPI factor | 90 |
| RF pulse type | Normal |
| Gradient mode | Fast |
| Excitation | Standard |

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| **Reference GRE (no SMS)** | |
| TA:0.24 PM: FIX Voxel size:2.0x2.0x2.0 mmPAT: Off Rel. SNR:1.00 :epfid | |
| **Properties** | |
| Prio Recon. | Off |
| Load to viewer | On |
| Inline movie | Off |
| Auto store images | On |
| Load to stamp segments | Off |
| Load 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 |
| **Routine** | |
| Slab group | 1 |
| Slabs | 78 |
| Dist. factor | 0% |
| Position | L0.0 A5.4 F4.1 mm |
| Orientation | T > S2.3 > C-1.6 |
| Phase enc. dir | A >> P |
| AutoAlign | Head > Brain |
| Phase oversampling | 0% |
| FoV read | 208 mm |
| FoV phase | 86.5% |
| Slice thickness | 2.0 mm |
| TR | 7530 ms |
| TE | 32.0 ms |
| Averages | 1 |
| Concatenations | 1 |
| Filter | Prescan normalisation |
| Coil elements | HC1-7 |
| **Contrast - general** | |
| TR | 7530 ms |
| TE | 32.0 ms |
| MTC | Off |
| Flip angle | 65 deg |
| Fat suppr. | Fat sat. |
| **Contrast - dynamic** | |
| Averages | 1 |
| Averaging mode | Long term |
| Reconstruction | Magnitude |
| Measurements | 2 |
| Delay in TR | 0 ms |
| Multiple series | Off |
| **Resolution - general** | |
| FoV read | 208 mm |
| FoV phase | 86.5% |
| Slice thickness | 2.0 mm |
| Base resolution | 104 |
| Phase resolution | 100% |
| Phase partial Fourier | 7/8 |
| Interpolation | Off |
| **Resolution - iPAT** | |
| Acceleration mode | None |
| **Resolution - filter image** | |
| Image filter | Off |
| Prescan norm. | On |
| **Resolution - filter raw data** | |
| Raw filter | Off |
| Elliptical filter | Off |
| Hamming | Off |
| **Geometry - general** | |
| Slab group | 1 |
| Slabs | 78 |
| Dist. factor | 0% |
| Position | L0.0 A5.4 F4.1 mm |
| Orientation | T > S2.3 > C-1.6 |
| Phase enc. dir | A >> P |
| FoV read | 208 mm |
| FoV phase | 86.5% |
| Slice thickness | 2.0 mm |
| TR | 7530 ms |
| Multi-slice mode | Interleaved |
| Series | Interleaved |
| Concatenations | 1 |
| **Geometry - AutoAlign** | |
| Slab group | 1 |
| Position | L0.0 A5.4 F4.1 mm |
| Orientation | T > S2.3 > C-1.6 |
| Phase enc. dir | A >> P |
| AutoAlign | Head > Brain |
| Initial position | L0.0 A5.4 F4.1 mm |
| L | 0.0 mm |
| A | 5.4 mm |
| F | 4.1 mm |
| Initial rotation | 0.09 deg |
| Initial orientation | T > S |
| T > S | 2.3 |
| > C | -1.6 |
| **Geometry - Saturation** | |
| Fat suppr. | Fat sat. |
| Special sat. | None |
| **System - Misc** | |
| 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 |
| Optimisation | Speed |
| AutoAlign | Head > Brain |
| Coil selection | Default |
| **System - Adjustment** | |
| 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 - Adjustment volume** | |
| Position | L0.0 A5.4 F4.1 mm |
| Orientation | T > S2.3 > C-1.6 |
| Rotation | 0.09 deg |
| A >> P | 180 mm |
| R >> L | 208 mm |
| F >> H | 156 mm |
| Reset | Off |
| **System - pTx Volume** | |
| B1 shim mode | TrueForm |
| Excitation | Standard |
| **System - Tx/Rx** | |
| Frequency 1H | 123.225865 MHz |
| Correction factor | 1 |
| Gain | High |
| Image Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. Amplitude 1H | 0.000 V |
| **Physio - Signal 1** | |
| 1st Signal/Mode | None |
| TR | 7530 ms |
| Concatenations | 1 |
| **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 | 40 (20 baseline, 20 active) |
| Motion correction | Off |
| Spatial filter | Off |
| Measurements | 2 |
| Delay in TR | 0 ms |
| Multiple series | Off |
| **Sequence - Part 1** | |
| Introduction | On |
| Multi-slice mode | Interleaved |
| Free echo spacing | Off |
| Echo spacing | 0.69 ms |
| Bandwidth | 1780 Hz/Px |
| **Sequence - Part 2** | |
| EPI factor | 90 |
| RF pulse type | Normal |
| Gradient mode | Fast |
| Excitation | Standard |

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| **Reference SE (no SMS; AP & PA)** | |
| TA:0:50 PM: FIX Voxel size:2.0x2.0x2.0 mmPAT: Off Rel. SNR:1.00 :epse | |
| **Properties** | |
| Prio Recon. | Off |
| Load to viewer | On |
| Inline movie | Off |
| Auto store images | On |
| Load to stamp segments | Off |
| Load 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 |
| **Routine** | |
| Slab group | 1 |
| Slabs | 78 |
| Dist. factor | 0% |
| Position | L0.0 A5.4 F4.1 mm |
| Orientation | T > S2.3 > C-1.6 |
| Phase enc. dir | A >> P (P >> A) |
| AutoAlign | Head > Brain |
| Phase oversampling | 0% |
| FoV read | 208 mm |
| FoV phase | 86.5% |
| Slice thickness | 2.0 mm |
| TR | 16200 ms |
| TE | 93.0 ms |
| Concatenations | 1 |
| Filter | Raw data, Prescan normalisation |
| Coil elements | HC1-7 |
| **Contrast - general** | |
| TR | 16200 ms |
| TE | 93.0 ms |
| MTC | Off |
| Magn. preparation | None |
| Fat suppr. | Fat sat. |
| Fat suppr. mode | Strong |
| **Contrast - dynamic** | |
| Averaging mode | Long term |
| Reconstruction | Magnitude |
| Measurements | 1 |
| Delay in TR | 0 ms |
| Multiple series | Off |
| **Resolution - general** | |
| FoV read | 208 mm |
| FoV phase | 86.5% |
| Slice thickness | 2.0 mm |
| Base resolution | 104 |
| Phase resolution | 100% |
| Phase partial Fourier | 7/8 |
| Interpolation | Off |
| **Resolution - iPAT** | |
| Acceleration mode | None |
| **Resolution - filter image** | |
| Distortion Corr. | Off |
| Prescan norm. | On |
| Dynamic field corr. | Off |
| **Resolution - filter raw data** | |
| Raw filter | On |
| Elliptical filter | Off |
| **Geometry - general** | |
| Slab group | 1 |
| Slabs | 78 |
| Dist. factor | 0% |
| Position | L0.0 A5.4 F4.1 mm |
| Orientation | T > S2.3 > C-1.6 |
| Phase enc. dir | A >> P |
| FoV read | 208 mm |
| FoV phase | 86.5% |
| Slice thickness | 2.0 mm |
| TR | 16200 ms |
| Multi-slice mode | Interleaved |
| Series | Interleaved |
| Concatenations | 1 |
| **Geometry - AutoAlign** | |
| Slab group | 1 |
| Position | L0.0 A5.4 F4.1 mm |
| Orientation | T > S2.3 > C-1.6 |
| Phase enc. dir | A >> P (P >> A) |
| AutoAlign | Head > Brain |
| Initial position | L0.0 A5.4 F4.1 mm |
| L | 0 mm |
| A | 5.4 mm |
| F | 4.1 mm |
| Initial rotation | 0.09 deg (-179.91 deg) |
| Initial orientation | T > S |
| T > S | 2.3 |
| > C | -1.6 |
| **Geometry - Saturation** | |
| Fat suppr. | Fat sat. |
| Fat suppr. mode | Strong |
| Special sat. | None |
| **System - Misc** | |
| 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 | Adaptative combine |
| Optimisation | Off |
| AutoAlign | Head > Brain |
| Coil selection | Default |
| **System - Adjustment** | |
| 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 - Adjustment volume** | |
| Position | L0.0 A5.4 F4.1 mm |
| Orientation | T > S2.3 > C-1.6 |
| Rotation | 0.09 deg (-179.91 deg) |
| A >> P | 180 mm |
| R >> L | 208 mm |
| F >> H | 156 mm |
| Reset | Off |
| **System - pTx Volume** | |
| B1 shim mode | TrueForm |
| Excitation | Standard |
| **System - Tx/Rx** | |
| Frequency 1H | 123.225865 MHz |
| Correction factor | 1 |
| Gain | High |
| Image Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. Amplitude 1H | 0.000 V |
| **Physio - Signal 1** | |
| 1st Signal/Mode | None |
| TR | 16200 ms |
| Concatenations | 1 |
| **Physio – PACE** |  |
| Rsp. control | Off |
| Concatenations | 1 |
| **Diff – Neuro** |  |
| Diffusion mode | Free |
| Diff. directions | 6 |
| Diff. scheme | Bipolar |
| Diff. weightings | 1 |
| b-value | 0 s/mm² |
| b-value | 2 |
| Diff. weighted images | On |
| Trace weighted images | Off |
| ADC maps | Off |
| FA maps | Off |
| Mosaic | Off |
| Tensor | Off |
| Noise level | 40 |
| **Diff – Body** |  |
| Diffusion mode | Free |
| Diff. directions | 6 |
| Diff. scheme | Bipolar |
| Diff. weightings | 1 |
| b-value | 0 s/mm² |
| b-value | 2 |
| Diff. weighted images | On |
| Trace weighted images | Off |
| ADC maps | Off |
| Exponential ADC maps | Off |
| FA maps | Off |
| Invert grey scale | Off |
| Calculated image | Off |
| b-value >= | 0 s/mm² |
| Noise level | 40 |
| **Diff – Composing** |  |
| Distortion corr. | Off |
| **Sequence - Part 1** | |
| Introduction | On |
| Optimisation | None |
| Multi-slice mode | Interleaved |
| Free echo spacing | On |
| Echo spacing | 0.69 ms |
| Bandwidth | 1780 Hz/Px |
| **Sequence - Part 2** | |
| EPI factor | 90 |
| RF pulse type | Normal |
| Gradient mode | Fast |
| Excitation | Standard |

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| **T1** | |
| TA: 5:12 PM: FIX Voxel size: 1.1×1.1×1.2 mmPAT: 2 Rel. SNR: 1.00 : tfl | |
| **Properties** | |
| Prio Recon. | Off |
| Load to viewer | On |
| Inline movie | Off |
| Auto store images | On |
| Load to stamp segments | Off |
| Load 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 |
| **Routine** | |
| Slab group | 1 |
| Slabs | 1 |
| Dist. factor | 50% |
| Position | Isocentre |
| Orientation | Sagittal |
| Phase enc. dir | A >> P |
| AutoAlign | Head > Brain |
| Phase oversampling | 0% |
| Slice oversampling | 0.0% |
| Slices per slab | 176 |
| FoV read | 270 mm |
| FoV phase | 93.8% |
| Slice thickness | 1.2 mm |
| TR | 2300.0 ms |
| TE | 2.95 ms |
| Averages | 1 |
| Concatenations | 1 |
| Filter | Normalisation |
| Coil elements | HC1-7; NC1,2 |
| **Contrast - general** | |
| TR | 2300.0 ms |
| TE | 2.95 ms |
| Magn. preparation | Non-sel. IR |
| TI | 900 ms |
| Flip angle | 9 deg |
| Fat suppr. | None |
| Water suppr. | None |
| **Contrast - dynamic** | |
| Averages | 1 |
| Averaging mode | Long term |
| Reconstruction | Magnitude |
| Measurements | 1 |
| Multiple series | Off |
| **Resolution - general** | |
| FoV read | 270 mm |
| FoV phase | 93.8% |
| Slice thickness | 1.2 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 | 32 |
| Accel. factor 3D | 1 |
| Reference scan mode | Integrated |
| **Resolution - filter image** | |
| Image filter | Off |
| Distortion corr. | Off |
| Prescan norm. | Off |
| Normalize | On |
| B1 filter | Off |
| **Resolution - filter raw data** | |
| Raw filter | Off |
| Elliptical filter | Off |
| **Geometry - general** | |
| Slab group | 1 |
| Slabs | 1 |
| Dist. factor | 50% |
| Position | Isocentre |
| Orientation | Sagittal |
| Phase enc. dir | A >> P |
| AutoAlign | Head > Brain |
| Slice oversampling | 0.0% |
| Slices per slab | 176 |
| FoV read | 270 mm |
| FoV phase | 93.8% |
| Slice thickness | 1.2 mm |
| TR | 2300.0 ms |
| Multi-slice mode | Single shot |
| Series | Interleaved |
| Concatenations | 1 |
| **Geometry - AutoAlign** | |
| Slab group | 1 |
| Position | Isocentre |
| Orientation | Sagittal |
| Phase enc. dir | A >> P |
| Initial position | Isocentre |
| L | 0.0 mm |
| P | 0.0 mm |
| H | 0.0 mm |
| Initial rotation | 0.00 deg |
| Initial orientation | Transversal |
| **System - Misc** | |
| 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 | Adaptative Combine |
| Save uncombined | Off |
| Optimisation | Off |
| AutoAlign | Head > Brain |
| Coil selection | Off - AutoCoilSelect |
| **System - Adjustment** | |
| 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 - Adjustment volume** | |
| Position | Isocentre |
| Orientation | Sagittal |
| Rotation | 0.00 deg |
| A >> P | 254 mm |
| R >> L | 270 mm |
| F >> H | 212 mm |
| Reset | Off |
| **System - pTx Volume** | |
| B1 shim mode | TrueForm |
| Excitation | Non-sel |
| **System - Tx/Rx** | |
| Frequency 1H | 123.225865 MHz |
| Correction factor | 1 |
| Gain | Low |
| Image Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. Amplitude 1H | 0.000 V |
| **Physio - Signal 1** | |
| 1st Signal/Mode | Non-sel IR |
| TR | 2400 ms |
| Concatenations | 1 |
| **Physio - Heart** | |
| Magn. preparation | Non-sel. IR |
| TI | 900 ms |
| Fat suppr. | None |
| Dark blood | Off |
| FoV read | 270 mm |
| FoV phase | 93.8% |
| Phase resolution | 100% |
| **Physio - PACE** | |
| Resp. control | Off |
| Concatenations | 1 |
| **Inline - General** | |
| Subtraction | 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** | |
| Distortion corr. | Off |
| **Sequence - Part 1** | |
| Introduction | On |
| Dimension | 3D |
| Elliptical scanning | Off |
| Reordering | Linear |
| Asymetric echo | Off |
| Flow comp. | No |
| Multi-slice mode | Single shot |
| Echo spacing | 7 ms |
| Bandwidth | 240 Hz/Px |
| **Sequence - Part 2** | |
| RF pulse type | Fast |
| Gradient mode | Normal |
| Excitation | Non-sel |
| RF spoiling | On |
| Mode | Off |
| Turbo factor | 176 |
| **Sequence - Assistence** | |
| Mode | Off |