

SIEMENS MAGNETOM TrioTim syngo MR 2006T

\\USER\INVESTIGATORS\HST_583\PhysicsClass\tse_IR1

TA: 0:26 PAT: Off Voxel size: 1.9x1.9x5.0 [mm] Rel. SNR: 1.00 SIEMENS: tse

Routine

| | |
|--------------------|-----------------------|
| Slice group 1 | |
| Slices | 1 |
| Dist. factor | 50 [%] |
| Position | R0.7 A10.8 H12.2 [mm] |
| Orientation | T > C-10.3 |
| Phase enc. dir. | R >> L |
| Rotation | 90 [deg] |
| Phase oversampling | 0 [%] |
| FoV read | 240 [mm] |
| FoV phase | 75.0 [%] |
| Slice thickness | 5 [mm] |
| TR | 3000 [ms] |
| TE | 12 [ms] |
| Averages | 1 |
| Concatenations | 1 |
| Filter | None |
| Coil elements | HEA;HEP |

Contrast

| | |
|-------------------|---------------|
| MTC | Off |
| Magn. preparation | Slice-sel. IR |
| TI | 1000 [ms] |
| Flip angle | 180 [deg] |
| Reconstruction | Real |
| Fat suppr. | None |
| Fat sat. mode | Strong |
| Water suppr. | None |
| Measurements | 1 |

Resolution

| | |
|-----------------------|-----------|
| Base resolution | 128 |
| Phase resolution | 100 [%] |
| Phase partial Fourier | Off |
| Filter 1 | |
| Raw filter | Off |
| Filter 2 | |
| Large FoV | Off |
| Filter 3 | |
| Prescan Normalize | Off |
| Filter 4 | |
| Normalize | Off |
| Filter 5 | |
| Elliptical filter | Off |
| Interpolation | Off |
| PAT mode | None |
| Matrix Coil Mode | Auto (CP) |

Geometry

| | |
|------------------|-------------|
| Multi-slice mode | Interleaved |
| Series | Interleaved |
| Special sat. | None |

System

| | |
|----------------------|-----------|
| Body | Off |
| HEP | On |
| HEA | On |
| Save uncombined | Off |
| Scan at current TP | Off |
| Scan region position | H |
| Scan region position | 0 [mm] |
| MSMA | S - C - T |
| Sagittal | R >> L |

| | |
|--------------------------|-------------|
| Coronal | A >> P |
| Transversal | F >> H |
| Shim mode | Tune up |
| Adjust with body coil | Off |
| Confirm freq. adjustment | Off |
| Assume Silicone | Off |
| Ref. amplitude [1H] | 330.070 [V] |
| Adjust volume | |
| Position | Isocenter |
| Orientation | Transversal |
| Rotation | 0 [deg] |
| R >> L | 350 [mm] |
| A >> P | 263 [mm] |
| F >> H | 350 [mm] |

Physio

| | |
|-----------------|------|
| 1st Signal/Mode | None |
| Dark blood | Off |
| Resp. control | Off |

Inline

| | |
|----------------------|---|
| Subtract | 0 |
| Std-Dev-Sag | 0 |
| Std-Dev-Cor | 0 |
| Std-Dev-Tra | 0 |
| Std-Dev-Time | 0 |
| MIP-Sag | 0 |
| MIP-Cor | 0 |
| MIP-Tra | 0 |
| MIP-Time | 0 |
| Save original images | 1 |

Sequence

| | |
|---------------------|-------------|
| Introduction | On |
| Dimension | 2D |
| Compensate T2 decay | Off |
| Averaging mode | Short term |
| Contrasts | 1 |
| Bandwidth | 130 [Hz/Px] |
| Flow comp. | No |
| Allowed delay | 0 [s] |
| Echo spacing | 11.7 [ms] |
| Turbo factor | 15 |
| RF pulse type | Normal |
| Gradient mode | Fast |
| Hyperecho | Off |