

# SIEMENS MAGNETOM TrioTim syngo MR 2006T

\\USER\INVESTIGATORS\HST\_583\PhysicsClass\FLASH\_T2star\_TE6

+ TA: 9.6 [s]      Voxel size: 2.0x2.0x5.0 [mm]      Rel. SNR: 1.00      USER: FLASH

## Routine

|                    |                       |
|--------------------|-----------------------|
| Slice group 1      |                       |
| Slices             | 1                     |
| Dist. factor       | 20 [%]                |
| Position           | R0.7 A10.8 H12.2 [mm] |
| Orientation        | T > C-10.3            |
| Phase enc. dir.    | A >> P                |
| Rotation           | 0 [deg]               |
| Phase oversampling | 0 [%]                 |
| FoV read           | 256 [mm]              |
| FoV phase          | 100.0 [%]             |
| Slice thickness    | 5 [mm]                |
| TR                 | 100 [ms]              |
| TE                 | 6 [ms]                |
| Averages           | 1                     |
| Concatenations     | 1                     |
| Filter             | Raw filter            |
| Coil elements      | HEA;HEP               |

## Contrast

|                |           |
|----------------|-----------|
| MTC            | Off       |
| Flip angle     | 15 [deg]  |
| Reconstruction | Magnitude |
| Fat suppr.     | None      |
| Water suppr.   | None      |
| Measurements   | 1         |

## Resolution

|                       |         |
|-----------------------|---------|
| Base resolution       | 128     |
| Phase resolution      | 100 [%] |
| Phase partial Fourier | 6/8     |
| Filter 1              |         |
| Raw filter            | On      |
| Intensity             | Weak    |
| Slope                 | 25      |
| Filter 2              |         |
| Large FoV             | Off     |
| Filter 3              |         |
| Prescan Normalize     | Off     |
| Filter 4              |         |
| Normalize             | Off     |
| Filter 5              |         |
| Elliptical filter     | Off     |
| Interpolation         | Off     |

## Geometry

|                  |             |
|------------------|-------------|
| Multi-slice mode | Sequential  |
| 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    |
| Matrix Coil Mode     | Auto (CP) |
| Shim mode            | Tune up   |

|                          |             |
|--------------------------|-------------|
| Adjust with body coil    | Off         |
| Confirm freq. adjustment | Off         |
| Assume Silicone          | Off         |
| Ref. amplitude [1H]      | 319.952 [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 |
|-----------------|------|

## 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   | Off           |
| Dimension      | 2D            |
| Averaging mode | Long term     |
| Contrasts      | 1             |
| Bandwidth      | 300 [Hz/Px]   |
| Gradient mode  | Fast          |
| RF spoiling    | On            |
| Online ICE     | Off           |
| Selection box  | Second Choice |
| Spoil me!      | On            |
| Test Time      | 10 ms         |
| dARRAY [1]     | 1 [UnitArr]   |
| dARRAY [2]     | 12 [UnitArr]  |
| dARRAY [3]     | 22 [UnitArr]  |