# SIEMENS MAGNETOM TrioTim syngo MR B15

\\USER\BNU_cst\Zang.Yufeng\peng.zulai_6thHos_20090805\ge_func_31x31x35_240_RS

TA: 8:06    PAT: Off    Voxel size: 3.1×3.1×3.5 mm    Rel. SNR: 1.00    SIEMENS: ep2d_bold

## Properties

| | |
|---|---|
| Prio Recon | Off |
| Before measurement | |
| After measurement | |
| Load to viewer | On |
| Inline movie | Off |
| Auto store images | On |
| Load to stamp segments | Off |
| Load images to graphic segments | Off |
| Auto open inline display | Off |
| AutoAlign Spine | Off |
| Start measurement without further preparation | On |
| Wait for user to start | On |
| Start measurements | single |

## Routine

| | |
|---|---|
| Slice group 1 | |
| Slices | 33 |
| Dist. factor | 20 % |
| Position | R2.0 A26.4 H10.8 |
| Orientation | Transversal |
| Phase enc. dir. | A >> P |
| Rotation | 0.00 deg |
| Phase oversampling | 0 % |
| FoV read | 200 mm |
| FoV phase | 100.0 % |
| Slice thickness | 3.5 mm |
| TR | 2000 ms |
| TE | 30 ms |
| Averages | 1 |
| Concatenations | 1 |
| Filter | None |
| Coil elements | HEA;HEP |

## Contrast

| | |
|---|---|
| MTC | Off |
| Flip angle | 90 deg |
| Fat suppr. | Fat sat. |
| Averaging mode | Long term |
| Reconstruction | Magnitude |
| Measurements | 240 |
| Delay in TR | 0 ms |
| Multiple series | Off |

## Resolution

| | |
|---|---|
| Base resolution | 64 |
| Phase resolution | 100 % |
| Phase partial Fourier | Off |
| Interpolation | Off |
| PAT mode | None |
| Matrix Coil Mode | Auto (CP) |
| Distortion Corr. | Off |
| Prescan Normalize | Off |
| Raw filter | On |
| Elliptical filter | Off |
| Hamming | Off |

## Geometry

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

## System

| | |
|---|---|
| Body | Off |
| HEP | On |
| HEA | On |
| Positioning mode | FIX |
| Table position | H |
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | P >> A |
| Transversal | F >> H |
| Coil Combine Mode | Sum of Squares |
| Auto Coil Select | Default |
| Shim mode | Standard |
| Adjust with body coil | Off |
| Confirm freq. adjustment | Off |
| Assume Silicone | Off |
| Ref. amplitude 1H | 335.349 V |
| Adjustment Tolerance | Auto |
| Adjust volume | |
| Position | R2.0 A26.4 H10.8 |
| Orientation | Transversal |
| Rotation | 0.00 deg |
| R >> L | 200 mm |
| A >> P | 200 mm |
| F >> H | 138 mm |

## Physio

| | |
|---|---|
| 1st Signal/Mode | None |

## BOLD

| | |
|---|---|
| GLM Statistics | Off |
| Dynamic t-maps | Off |
| Starting ignore meas | 0 |
| Ignore after transition | 0 |
| Model transition states | On |
| Temp. highpass filter | On |
| Threshold | 4.00 |
| Paradigm size | 1 |
| Meas | Baseline |
| Motion correction | Off |
| Spatial filter | Off |

## Sequence

| | |
|---|---|
| Introduction | On |
| Bandwidth | 2520 Hz/Px |
| Free echo spacing | Off |
| Echo spacing | 0.46 ms |
| EPI factor | 64 |
| RF pulse type | Normal |
| Gradient mode | Fast |