

# SIEMENS MAGNETOM Allegra syngo MR 2004A

\\USER\BRAIN\_SUF\DBS\DBS PRE-IMPLANT ONLY\FGATIR 3D-IR Axial  
 Scan Time: 11:14    Voxel size: 0.8x0.8x1.0 [mm]    Rel. SNR: 1.00    SIEMENS: tfl

## Routine

Slab group 1	
Slabs	1
Dist. factor	50 [%]
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	R >> L
Rotation	90 [deg]
Phase oversampling	0 [%]
Slice oversampling	0 [%]
Slices per slab	160
FoV read	240 [mm]
FoV phase	80.0 [%]
Slice thickness	1 [mm]
TR	3000 [ms]
TE	4.39 [ms]
Averages	1
Concatenations	1
Filter	Large FoV, ...
Coil elements	HE

## Contrast

Magn. preparation	Non-sel. IR
TI	409 [ms]
Flip angle	8 [deg]
Reconstruction	Magnitude
Fat suppr.	None
Water suppr.	None
Measurements	1

## Resolution

Base resolution	320
Phase resolution	100 [%]
Slice resolution	100 [%]
Phase partial Fourier	7/8
Slice partial Fourier	6/8
Filter 1	
Raw filter	Off
Filter 2	
Large FoV	On
Filter 3	
Normalize	Off
Filter 4	
Elliptical filter	On
Interpolation	0
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PAT mode	None

## Geometry

Multi-slice mode	Single shot
Series	Interleaved

## System

Save uncombined	0
Scan at current TP	0
Scan region position	H
Scan region position	0 [mm]
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Head 3T / HE	1
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Shim mode	Standard
Confirm freq. adjustment	0
Assume Silicone	0

Ref. amplitude [1H]	126.364 [V]
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	90 [deg]
A >> P	240 [mm]
R >> L	192 [mm]
F >> H	160 [mm]

## Physio

1st Signal/Mode	None
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Dark blood	0
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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	1
Dimension	3D
Elliptical scanning	0
Averaging mode	Long term
Asymmetric echo	Allowed
Bandwidth	130 [Hz/Px]
Echo spacing	9.7 [ms]
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RF pulse type	Fast
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	1