\\USER\projects\imagen\_fu2\imagen2,session1\localizer

TA: 0:21 PAT: Off Voxel size: 1.1×1.0×7.0 mm Rel. SNR: 1.00 SIEMENS: gre			
Properties		Phase partial Fourier Interpolation	Off On
Prio Recon	Off		
Before measurement		PAT mode	None
After measurement	0-	Matrix Coil Mode	CP
Load to viewer	On Off	Image Filter	Off
Inline movie	Off	Distortion Corr.	On
Auto store images	On O#	Mode	2D
Load to stamp segments	Off	Unfiltered images	Off
Load images to graphic	Off	Unfiltered images	Off
segments	Off	Prescan Normalize	On
Auto open inline display Start measurement without	Off	Normalize	Off
further preparation	Oil	B1 filter	Off
Wait for user to start	Off	Raw filter	Off
Start measurements	single	Elliptical filter	On
Start measurements	Sirigie	Mode	Inplane
Routine		Coomotry	
Slice group 1		Geometry  Multi-slice mode	Sequential
Slices	3	Series	Interleaved
Dist. factor	114 %	Jelle2	miterieaveu
Position	Isocenter	Saturation mode	Standard
Orientation	Sagittal	Special sat.	None
Phase enc. dir.	A >> P		
Rotation	0.00 deg	Set-n-Go Protocol	Off
Slice group 2		Table position	H
Slices	1	Table position	0 mm
Dist. factor	20 %	Inline Composing	Off
Position	Isocenter	•	
Orientation	Transversal	System	
Phase enc. dir.	A >> P	Body	Off
Rotation	0.00 deg	HEP	On
Slice group 3		HEA	On
Slices	1	Positioning mode	REF
Dist. factor	20 %	MSMA	S - C - T
Position	Isocenter	Sagittal	L >> R
Orientation	Coronal	Coronal	P >> A
Phase enc. dir.	R >> L	Transversal	F >> H
Rotation	0.00 deg	Coil Combine Mode	Sum of Squares
Phase oversampling	0 %	AutoAlign	
FoV read	250 mm	Auto Coil Select	Default
FoV phase	100.0 %		
Slice thickness	7.0 mm	Shim mode	Tune up
TR TE	8.6 ms	Adjust with body coil	Off
	4.00 ms 2	Confirm freq. adjustment	Off Off
Averages	5	Assume Silicone	Off
Concatenations Filter	Distortion Corr.(2D), Prescan	? Ref. amplitude 1H	0.000 V
Fille	Normalize, Elliptical filter	Adjustment Tolerance Adjust volume	Auto
Coil elements	HEA;HEP	Position	Isocenter
1	1167,1161	Orientation	Transversal
Contrast		Rotation	0.00 deg
TD	0 ms	Rotation R >> L	350 mm
MTC	Off	A >> P	263 mm
Magn. preparation	None	F >> H	350 mm
Flip angle	20 deg	<u>I</u>	300
Fat suppr.	None	Physio	
Water suppr.	None	1st Signal/Mode	None
Averaging mode	Short term	Segments	1
Reconstruction	Magnitude	Tagging	None
Measurements	1	Dark blood	Off
Multiple series	Each measurement	Daik blood	OII
•	Edon modduement	Resp. control	Off
Resolution		Inline	
Base resolution	256	Subtract	Off
Phase resolution	90 %	·	Oil
		1/∔	

1/+

Liver registration	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off

Ocquence	
Introduction	On
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Allowed
Contrasts	1
Bandwidth	320 Hz/Px
Flow comp.	No
Allowed delay	0 s
RF pulse type	Normal
Gradient mode	Normal
Excitation	Slice-sel.
RF spoiling	On

\\USER\projects\imagen\_fu2\imagen2,session1\ADNI MPRAGE

	AT: Off Voxel size: 1.1×1.1	41.1 mm Rel. SNR: 1.00	SIEMENS: tfl
Properties		Prescan Normalize	On
Prio Recon	Off	Normalize	Off
Before measurement	Oil	B1 filter	Off
After measurement		Raw filter	Off
Load to viewer	On	Elliptical filter	Off
Inline movie	Off	Geometry	
	On	Multi-slice mode	Cinale shot
Auto store images	Off	Series	Single shot Interleaved
Load to stamp segments	Off	Series	·····
Load images to graphic	Oli		
segments	Off	Set-n-Go Protocol	Off
Auto open inline display		Table position	H
Start measurement without	On	Table position	11 mm
further preparation	0.5	Inline Composing	Off
Wait for user to start	On	System	
Start measurements	single	Body	Off
Routine		HEP	On
Slab group 1		·   HEA	On
Slabs	1		
Dist. factor	50 %	Positioning mode	ISO
Position	R4.7 A3.1 H10.8	MSMA	S - C - T
Orientation	Sagittal	Sagittal	L >> R
Phase enc. dir.	A >> P	Coronal	P >> A
Rotation	0.00 deg	Transversal	F >> H
Phase oversampling	0.00 deg 0 %	Save uncombined	Off
Slice oversampling	0.0 %	Coil Combine Mode	Sum of Squares
Slices per slab	160	AutoAlign	<del></del>
FoV read	280 mm	Auto Coil Select	Default
FoV phase Slice thickness	93.8 %	Shim mode	Standard
	1.10 mm	Adjust with body coil	Off
TR	2300 ms	Confirm freq. adjustment	Off
TE	2.93 ms	Assume Silicone	Off
Averages	1	? Ref. amplitude 1H	0.000 V
Concatenations	1	Adjustment Tolerance	Auto
Filter	Distortion Corr.(2D), Prescan	Adjust volume	
	Normalize	Position	R4.7 A3.1 H10.8
Coil elements	HEA;HEP	Orientation	Sagittal
Contrast		Rotation	0.00 deg
Magn. preparation	Non-sel. IR	F >> H	280 mm
TI	900 ms	A >> P	263 mm
Flip angle	9 deg	R >> L	176 mm
Fat suppr.	None	Dharis	
Water suppr.	None	Physio	Niere
·····		1st Signal/Mode	None
Averaging mode	Long term	Dark blood	Off
Reconstruction	Magnitude		
Measurements	1	Resp. control	Off
Multiple series	Off	Inline	
Resolution		Subtract	Off
Base resolution	256	Std-Dev-Sag	Off
		Std-Dev-Cor	Off
Phase resolution	100 %	Std-Dev-Col	Off
Slice resolution	100 %	Std-Dev-Time	Off
Phase partial Fourier	Off	MIP-Sag	Off
Slice partial Fourier	Off	MIP-Cor	Off
Interpolation	Off	MIP-Tra	Off
PAT mode	None		
Matrix Coil Mode	CP	MIP-Time	Off
		Save original images	On
Image Filter	Off	1	
Distortion Corr.	On	Sequence	
Mode	2D	Introduction	On
Unfiltered images	On	Dimension	3D
Unfiltered images	Off	Elliptical scanning	Off

	Asymmetric echo Bandwidth Flow comp. Echo spacing	Off 240 Hz/Px No 6.9 ms
	RF pulse type Gradient mode Excitation	Fast Normal Non-sel.
ı	RF spoiling	On

\\USER\projects\imagen\_fu2\imagen2,session1\T2

TA: 2:46	PAT: 2 Voxel size: 0.8×0.8×4	I.0 mm Rel. SNR: 1.00	SIEMENS: tse
		Unfiltered images	Off
Properties		- Unfiltered images	Off
Prio Recon	Off	Prescan Normalize	On
Before measurement		Normalize	Off
After measurement		B1 filter	Off
Load to viewer	On		_
Inline movie	Off	Raw filter	Off
Auto store images	On	Elliptical filter	Off
Load to stamp segments	Off	Geometry	
Load images to graphic	Off	Multi-slice mode	Interleaved
segments	0.11	Series	Interleaved
Auto open inline display	Off		
Start measurement without	On	Special sat.	None
	On		
further preparation	0	Set-n-Go Protocol	Off
Wait for user to start	On	Table position	Н
Start measurements	single	Table position	11 mm
Routine		Inline Composing	Off
Slice group 1		. I miline Composing	Oli
Slices	36	System	
Dist. factor	0 %	Body	Off
		HEP	On
Position	R4.7 A3.1 H10.8	HEA	On
Orientation	T > C-14.9	IILA	
Phase enc. dir.	L >> R	Positioning mode	ISO
Rotation	-90.00 deg	MSMA	S-C-T
Phase oversampling	0 %	Sagittal	L >> R
FoV read	240 mm	Coronal	P >> A
FoV phase	75.0 %	Transversal	F >> H
Slice thickness	4.0 mm	Coil Combine Mode	Sum of Squares
TR	4380 ms		
TE	61 ms	AutoAlign	
Averages	1	Auto Coil Select	Default
Concatenations	2	Shim mode	Standard
Filter	Distortion Corr.(2D), Prescan	Adjust with body coil	Off
i iitei	Normalize	Confirm freq. adjustment	Off
Coil elements	HEA;HEP	Assume Silicone	Off
Con elements	пен,пер	? Ref. amplitude 1H	0.000 V
Contrast		Adjustment Tolerance	
TD	0.0 ms	1	Auto
MTC	Off	Adjust volume	D 4 7 4 0 4 114 0 0
Magn. preparation	None	Position	R4.7 A3.1 H10.8
Flip angle	180 deg	Orientation	T > C-14.9
	None	Rotation	-90.00 deg
Fat suppr.		A >> P	240 mm
Water suppr.	None	R >> L	180 mm
Restore magn.	On	F >> H	144 mm
Averaging mode	Short term	n .	
Reconstruction	Magnitude	Physio	
Measurements	1	1st Signal/Mode	None
	Each measurement	Dark blood	Off
Multiple series	Each measurement	Dark blood	
Resolution		Resp. control	Off
Base resolution	320		
Phase resolution	100 %	Inline	
Phase partial Fourier	Off	Subtract	Off
		Std-Dev-Sag	Off
Trajectory	Cartesian	Std-Dev-Cor	Off
Interpolation	On	Std-Dev-Tra	Off
PAT mode	GRAPPA	Std-Dev-Time	Off
Accel. factor PE	2	MIP-Sag	Off
Ref. lines PE	30	MIP-Cor	Off
Matrix Coil Mode	CP	MIP-Tra	Off
		MIP-Time	Off
Reference scan mode	Integrated	Save original images	On
Image Filter	Off	Save Original inlages	OII
Distortion Corr.	On	0	
Mode	2D	Sequence	
1	<del></del>	Introduction	Off
		<b>-</b> /	

Dimension 2D
Compensate T2 decay On
Reduce Motion Sens. Off
Contrasts 1

Bandwidth 195 Hz/Px
Flow comp. No
Allowed delay 120 s
Echo spacing 10.2 ms

Define Turbo factor

Turbo factor 15
Echo trains per slice 9
RF pulse type Normal
Gradient mode Fast

\\USER\projects\imagen\_fu2\imagen2,session1\FLAIR

Price Recon	TA: 2:24 P	AT: Off Voxel size: 1.9×0.9×	4.0 mm Rel. SNR: 1.00	SIEMENS: tse
Prescan Normalize			L Unfiltered images	Off
Pro Necon   Off   Before measurement   After measurement   After measurement   After measurement   After measurement   After measurement   After measurement   Before measurement   Cond to viewer   Off	Properties			
Before measurement   After measurement   Load to viewer   On Infine movie   Off   Auto store images   Off   Start measurement without   On   Wait for user to start   Off   Start measurements   Off   Table position   H   Table p	Prio Recon	Off		_
After measurement   Load to viewer   On   Inline move   On   Continue move   Continue move   On   Continue move   Co	Before measurement			
Load to stemp segments			1.7	
Inline move   Orf   Geometry   Auto store images   Or   Auto store images   Or   Orf   Series   Interfeaved   Series   Interfeaved   Series   Interfeaved   Series   Interfeaved   Series   Series   Interfeaved   Series   Interfeaved   Interfeaved   Series   Interfeaved   Series   Interfeaved   Interfeaved   Series   Interfeaved   Series   Interfeaved   Series   Interfeaved   Series   Interfeaved   Series   Interfeaved   Series   Interfeaved   Interfeaved   Series   Interfeaved   Series   Interfeaved   Interfeaved   Interfeaved   Series   Interfeaved   Interf	Load to viewer	On		
Auto store images   Condition   Comments		_	Elliptical filter	Off
Load to stamp segments   Off   Segments   Coad images to graphic segments   Off   Segments   Off   Segments   Segments   Off   Start measurement without turther preparation   Wait for user to start   Off   Table position   H Table positio		_	Geometry	
Load images to graphic segments   Auto open inline display   Series   Interfeaved				Interleaved
Sepecial sat.   None				
Auto open inline display Start measurement without further preparation Wait for user to start         Off         Special sat.         None           Wait for user to start Start measurements         single         Set-n-Go Protocol         Off           Routine         Table position         H         H           Slice group 1         Silce group 1         Silce group 1         System           Slice so Dist. factor         0 %         Body         Off           Position         R4.7 A3.1 H10.8         HEP         On           Phase enc. dir.         L >> R         MSMA         S-C - T           Rotation         0 %         Sagittal         L >> R           FOV pase oversampling         0 %         Sagittal         L >> R           FOV phase         100.0 %         Sagittal         L >> R           Slice thickness         4.0 mm         Coil Combine Mode         Sum of Squares           Averagas         1         Coil Combine Mode         Sum of Squares           Averagas         1         Auto Coil Select         Default           Coil elements         HEA;HEP         Adjust with body coil         Off           Coil elements         HEA;HEP         Adjust with body coil         Off           Contrast		Oli		
Set-n-Go Protocol   Set-n-Go Protocol   Table position   H   Table position   Table position   Table position   H   Table position   Table position   Table position   H   Table position   Tabl		0#	Special sat.	
further preparation         Set-n-Go Protocol         Off           Start measurements         single           Routine         Table position         11 mm           Slices group 1         36         Body Off           Slices Dist. factor         0 %         Position         R4.7 A3.1 H10.8           Position         R4.7 A3.1 H10.8         HEP         On           Phase enc. dir.         L >> R         HEP         On           Rotation         -90.00 deg         HEP         On           Phase enc. dir.         L >> R         AWAR         S-C - T           Rotation         -90.00 deg         Sagittal         L >> R           FoV read         240 mm         Torocatenations         F> > H           TE         119.0 ms         Auto Align				
Mail for user to start   Single   Sin		On	Set-n-Go Protocol	Off
Manufactor   Single   Single   Signature   Table position   11 mm   Inline Composing   Off				_
Inline Composing   Off				
Silice   S	Start measurements	single		
Silsca group 1   Silsca group 1   Silsca group 1   Silsca s   36	Douting		Inline Composing	Off
Silces   S			System	
Dist. factor		00		Off
Position				
Positioning mode   ISO				
Phase enc. dir.         L >> R           Rotation         -90.00 deg           Phase oversampling         0 %           FoV phase         100.0 %           Sice thickness         4.0 mm           TR         8000 ms           TE         119.0 ms           Averages         1           Concatenations         3           Filter         Distortion Corr.(2D), Prescan Normalize           Coil elements         HEA;HEP           Coil elements         HEA;HEP           Auto Coil Select         Default           Coil elements         HEA;HEP           Coil elements         REa;HEP           Coil eleme		R4.7 A3.1 H10.8	HEA	<b>On</b>
Phase enc. dir.         L >> R           Rotation         -90.00 deg           Phase oversampling         0 %           FoV read         240 mm           FoV plase         100.0 %           Slice thickness         4.0 mm           TR         8000 ms           TE         119.0 ms           Averages         1           Concatenations         3           Filter         Distortion Corr.(2D), Prescan Normalize           Coil elements         HEA;HEP           Coil elements         HEA;HEP           Contrast         Adjust with body coil         Off           Contrast         7 Ref. amplitude 1H         0.000 V           MTC         Off         Adjust volume           Position         Auto Adjust volume           Position         R4,7 A3.1 H10.8           Orientation         T > C-14.9           Magn, preparation         Slice-sel. IR         Rotation         -90.00 deg           Till Propertion         Abroad         A > P         240 mm           Freeze suppressed tissue         Filip angle         150 deg         F > H         144 mm           Fat suppr.         None         Physio         1st Signal/Mode <t< td=""><td>Orientation</td><td>T &gt; C-14.9</td><td>Positioning mode</td><td>ISO</td></t<>	Orientation	T > C-14.9	Positioning mode	ISO
Rotation	Phase enc. dir.	L >> R		
Phase oversampling         0 %         Coronal         P >> A           FoV read         240 mm         Tornaversal         F >> H           FoV phase         100.0 %         Coil Combine Mode         Sum of Squares           Slice thickness         4.0 mm         AutoAlign            TR         8000 ms         Auto Coil Select         Default           TE         119.0 ms         Auto Coil Select         Default           Averages         1         Shim mode         Standard           Concatenations         3         Shim mode         Standard           Filter         Distortion Corr.(2D), Prescan Normalize         Auto Coil Select         Default           Coil elements         HEA;HEP         Shim mode         Standard           Adjust with body coil         Off         Off           Coil elements         HEA;HEP         Prescressed           Coil elements         HEA;HEP         Prescressed           Coil elements         HEA;HEP         Prescressed           Coil elements         HEA;HEP         Prescressed         Auto Coil Select         Default           Coil elements         Dolor me         Rest. amplitude 1H         Auto Coil Select         Auto Coil Select         Def		-90.00 dea		
FoV read				
FoV phase				
Silce thickness				
TR   TE   119.0 ms   Auto Coil Select   Default			Coil Combine Mode	Sum of Squares
TE		_	AutoAlign	
TE			Auto Coil Select	Default
Adjust with body coil   Off	TE	119.0 ms		
Filter	Averages	1		
Normalize	Concatenations	3	Adjust with body coil	Off
Normalize	Filter	Distortion Corr.(2D), Prescan	Confirm freq. adjustment	Off
Coil elements				Off
Contrast  TD	Coil elements			
Adjust volume	Oon elements	1127,1121		
D	Contrast			71010
MTC         Off         Orientation         T.S14.9           Magn. preparation         Slice-sel. IR         Rotation         -90.00 deg           TI         2000 ms         A >> P         240 mm           Freeze suppressed tissue         Off         R >> L         240 mm           Flip angle         150 deg         F >> H         144 mm           Fat suppr.         None         Physio           Water suppr.         None         Physio           Restore magn.         Off         Ist Signal/Mode         None           Averaging mode         Long term         Dark blood         Off           Reconstruction         Magnitude         Resp. control         Off           Resp. control         Off         Resp. control         Off           Resolution         256         Std-Dev-Sog         Off           Base resolution         50 %         Std-Dev-Sag         Off           Std-Dev-Sag         Off         Std-Dev-Tra         Off           Phase partial Fourier         Off         Std-Dev-Tra         Off           Trajectory         Cartesian         MIP-Sag         Off           Introduction         MIP-Time         Off           Matr	TD	0.0 ms		D4 7 A2 4 H40 9
Magn. preparation         Slice-sel. IR         Rotation         190.00 deg           TI         2000 ms         A > P         240 mm           Freeze suppressed tissue         Off         R > L         240 mm           Fip angle         150 deg         F > H         144 mm           Fat suppr.         None         Physio           Water suppr.         None         Physio           Restore magn.         Off         Ist Signal/Mode         None           Averaging mode         Long term         Dark blood         Off           Resolution         Magnitude         Magnitude         Resp. control         Off           Measurements         1         Inline         Subtract         Off           Resolution         256         Std-Dev-Cor         Off           Phase resolution         50 %         Std-Dev-Cor         Off           Phase partial Fourier         Off         Std-Dev-Time         Off           Interpolation         On         MIP-Sag         Off           Interpolation         On         MIP-Cor         Off           Matrix Coil Mode         CP         MIP-Time         Off           Image Filter         Off         Sequence				
Tilde				
Freeze suppressed tissue         Off         R >> L         240 mm           Flip angle         150 deg         F >> H         144 mm           Fat suppr.         None         Physio           Water suppr.         None         Physio           Restore magn.         Off         1st Signal/Mode         None           Averaging mode         Long term         Dark blood         Off           Reconstruction         Magnitude         Resp. control         Off           Multiple series         Each measurement         Inline           Resolution         Subtract         Off           Base resolution         256         Std-Dev-Sag         Off           Phase resolution         50 %         Std-Dev-Cor         Off           Phase partial Fourier         Off         Std-Dev-Tra         Off           Trajectory         Cartesian         MIP-Sag         Off           Interpolation         On         MIP-Cor         Off           PAT mode         None         MIP-Tra         Off           Matrix Coil Mode         CP         MIP-Time         Off           Image Filter         Off         Sequence           Distortion Corr.         On         In				
Flip angle   150 deg   F >> H   144 mm   Fat suppr.   None   None   Restore magn.   Off   1st Signal/Mode   None   Averaging mode   Long term   Resourt ment   Nultiple series   Each measurement   Base resolution   50 %   Std-Dev-Cor   Off   Phase partial Fourier   Off   Std-Dev-Time   Off   Trajectory   Interpolation   On   Mip-Time   Off   Matrix Coil Mode   2D   Introduction   Off   Introduction   Sequence   Interpolation   On   Interpolation   Save original images   Off   Introduction   Off   Interpolation   Off   Introduction   Off   Introduction   Off   Introduction   Off   Introduction   Off   Introduction   Off   Introduction   Introduc	· ·		A >> P	240 mm
Fat suppr. Water suppr. None Water suppr. Restore magn. Off Sit Signal/Mode None  Averaging mode Reconstruction Magnitude Measurements 1 Inline  Resolution Saber resolution 50 % Std-Dev-Cor Off Std-Dev-Tra Off Std-Dev-Tra Off Std-Dev-Time Off Std-Dev-Time Off Milp-Sag Off Milp-Cor Off Milp-Sag Off Milp-Cor Off Milp-Tra Off Milp-Tra Off Milp-Tra Off Milp-Tra Off Milp-Tra Off Milp-Tra Off Save original images On Mode 2D Introduction Off Sequence Introduction Off Sequence Introduction Off Sequence Introduction Off Sequence Introduction Off Introduction Off Sequence Introduction Off Off Sequence Introduction Off Off Sequence Introduction Off Interoduction Off Interoduction Interoduction Interoduction Interoduction Introduction Interoduction Interoduction Introduction Introduction Interoduction Introduction Introducti			R >> L	240 mm
Water suppr.       None       Physio         Restore magn.       Off       1st Signal/Mode       None         Averaging mode       Long term       Dark blood       Off         Reconstruction       Magnitude       Resp. control       Off         Multiple series       Each measurement       Inline         Resolution       Subtract       Off         Base resolution       50 %       Std-Dev-Sag       Off         Phase partial Fourier       Off       Std-Dev-Cor       Off         Trajectory       Cartesian       Std-Dev-Tra       Off         Interpolation       On       MIP-Sag       Off         MIP-Sag       Off       MIP-Cor       Off         Matrix Coil Mode       CP       MIP-Tra       Off         Image Filter       Off       Save original images       On         Introduction Corr.       On       Sequence         Introduction       Off		•	F >> H	144 mm
Restore magn. Off			DI :	
Averaging mode				
Reconstruction Magnitude Measurements 1 Multiple series Each measurement Inline  Resolution  Base resolution 50 % Std-Dev-Sag Off Std-Dev-Cor Off Std-Dev-Tra Off Std-Dev-Tra Off Std-Dev-Tra Off MIP-Sag Off MIP-Sag Off MIP-Cor Off MIP-Tra Off MIP-Tra Off MIP-Tra Off MIP-Tra Off MIP-Tra Off Save original images On Mode 2D Introduction Off  Sequence Introduction Off Sequence Introduction Off MIP-Introduction Off MIP-Introduction Off Off MIP-Introduction Off Off Off Off MIP-Introduction Off Off Off Off Off Off Off Off Off Of	Restore magn.	Off	1st Signal/Mode	None
Reconstruction Magnitude Measurements 1 Multiple series Each measurement Inline  Resolution  Base resolution 50 % Std-Dev-Sag Off Std-Dev-Cor Off Std-Dev-Tra Off Std-Dev-Tra Off Std-Dev-Tra Off MIP-Sag Off MIP-Sag Off MIP-Cor Off MIP-Tra Off MIP-Tra Off MIP-Tra Off MIP-Tra Off MIP-Tra Off Save original images On Mode 2D Introduction Off  Sequence Introduction Off Sequence Introduction Off MIP-Introduction Off MIP-Introduction Off Off MIP-Introduction Off Off Off Off MIP-Introduction Off Off Off Off Off Off Off Off Off Of	A. como mino en manda	Longitoria	Dark blood	Off
Measurements     1       Multiple series     Each measurement       Resolution     Inline       Base resolution     256       Phase resolution     50 %       Phase partial Fourier     Off       Trajectory     Cartesian       Interpolation     On       PAT mode     None       MIP-Cor     Off       MIP-Tra     Off       MIP-Tra     Off       MIP-Time     Off       Save original images     On       Mode     2D       Introduction     Off       Introduction     Off			Dark blood	
Measurements       1         Multiple series       Each measurement         Resolution       Subtract       Off         Base resolution       50 %       Std-Dev-Sag       Off         Phase partial Fourier       Off       Std-Dev-Tra       Off         Trajectory       Cartesian       MIP-Sag       Off         Interpolation       On       MIP-Cor       Off         PAT mode       None       MIP-Tra       Off         Matrix Coil Mode       CP       MIP-Time       Off         Image Filter       Off       Save original images       On         Mode       2D       Introduction       Off         Introduction       Off		_	Resp. control	Off
Resolution  Base resolution 256 Phase resolution 50 % Phase partial Fourier Off Trajectory Cartesian Interpolation On  PAT mode None Matrix Coil Mode CP  Image Filter Off Distortion Corr. Mode Mode 2D  Std-Dev-Cor Off Std-Dev-Tra Off Std-Dev-Tra Off MIP-Sag Off MIP-Sag Off MIP-Tra Off MIP-Tra Off Save original images On  Sequence Introduction Off		1		
Base resolution 256 Phase resolution 50 % Phase partial Fourier Off Trajectory Cartesian Interpolation On MIP-Cor Off MIP-Cor Off MIP-Tra Off Save original images On  Mode 2D  Introduction Off  Std-Dev-Sag Off Std-Dev-Cor Off Std-Dev-Time Off MIP-Sag Off MIP-Sag Off MIP-Cor Off MIP-Tra Off Save original images On  Sequence Introduction Off	Multiple series	Each measurement	Inline	
Base resolution 256 Phase resolution 50 % Phase partial Fourier Off Trajectory Cartesian Interpolation On MIP-Cor Off MIP-Cor Off MIP-Tra Off Save original images On  Sequence Introduction Off  Std-Dev-Cor Off MIP-Sag Off MIP-Sag Off MIP-Tra Off MIP-Tra Off Save original images On  Sequence Introduction Off	Decolution		Subtract	Off
Base resolution 50 % Phase partial Fourier Off Trajectory Cartesian MIP-Sag Off MIP-Cor Off MIP-Tra Off Save original images On Mode 2D  Interpolation Off  Std-Dev-Cor Off Std-Dev-Tra Off Std-Dev-Time Off Std-Dev-Time Off Std-Dev-Time Off Std-Dev-Tra Off MIP-Sag Off MIP-Cor Off MIP-Tra Off Save original images On Introduction Off  Sequence Introduction Off			- Std-Dev-Sag	Off
Phase resolution 50 % Phase partial Fourier Off Trajectory Cartesian MIP-Sag Off MIP-Cor Off MIP-Tra Off Save original images On Mode 2D  Introduction Off  Sequence Introduction Off				Off
Phase partial Fourier Off Trajectory Cartesian MIP-Sag Off Interpolation On MIP-Cor Off PAT mode None MIP-Tra Off Matrix Coil Mode CP MIP-Time Off Save original images On Distortion Corr. On Mode 2D Institute of images Off MIP-Time Off Save original images On Introduction Off				
Irajectory Cartesian MIP-Sag Off MIP-Cor Off MIP-Tra Off MIP-Time Off MIP-Time Off Save original images On  Mode 2D  Introduction Off  MIP-Sag Off MIP-Cor Off MIP-Tra Off MIP-Tra Off Save original images On  Sequence Introduction Off		Off		
Interpolation On MIP-Sag Off MIP-Cor Off MIP-Cor Off MIP-Tra Off MIP-Tra Off MIP-Time Off MIP-Time Off Save original images On Distortion Corr. On Mode 2D Introduction Off Introduction Off	Trajectory	Cartesian		
PAT mode None MIP-Tra Off Matrix Coil Mode CP MIP-Time Off Save original images On Distortion Corr. On Mode 2D Institute of images Off Introduction Off		On		
Matrix Coil Mode CP MIP-Time Off Save original images On Distortion Corr. On Mode 2D Sequence Introduction Off				=
Save original images On  Image Filter Off  Distortion Corr. On  Mode 2D  Introduction Off	PAT mode			
Image Filter Off Distortion Corr. On Mode 2D Instituted images On Introduction Off	Matrix Coil Mode	CP	MIP-Time	Off
Image Filter Off Distortion Corr. On Mode 2D Introduction Off Introduction Off			Save original images	On
Mode 2D Introduction Off			I	
Mode 2D Introduction Off			Sequence	
	Mode	2D		Off
- Dilliension ZD	Unfiltered images	Off		
	-		Difficusion	20

Compensate T2 decay Off Reduce Motion Sens. Off Contrasts 1

Bandwidth 195 Hz/Px
Flow comp. No
Allowed delay 60 s
Echo spacing 9.92 ms

Define Turbo factor

Turbo factor 27
Echo trains per slice 5
RF pulse type Normal
Gradient mode Normal

## \\USER\projects\imagen\_fu2\imagen2,session1\EPI\_MID\_FU

TA: 7:07 PAT: 2 Voxel size: 3.4x3.4x2.4 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

Properties		Series	Descending
Prio Recon	Off	Special sat.	None
Before measurement After measurement		Set-n-Go Protocol	Off
Load to viewer	On	Table position	Н
Inline movie	Off	Table position	11 mm
Auto store images	On	Inline Composing	Off
Load to stamp segments	Off	System	
Load images to graphic	Off	Body	Off
segments		HEP	On
Auto open inline display	Off	HEA	On
Start measurement without	On		
further preparation		Positioning mode	ISO
Wait for user to start	On	MSMA	S - C - T
Start measurements	single	Sagittal	L >> R
Routine		Coronal	P >> A
		Transversal	F >> H
Slice group 1 Slices	40	Coil Combine Mode	Sum of Squares
Dist. factor	40 42 %	AutoAlign	 D ( )
Position	R4.7 A3.1 H10.8	Auto Coil Select	Default
Orientation	T > C-14.9	Shim mode	Standard
Phase enc. dir.	1 > C-14.9 A >> P	Adjust with body coil	Off
Rotation	0.00 deg	Confirm freq. adjustment	Off
Phase oversampling	0.00 deg 0 %	Assume Silicone	Off
FoV read	220 mm	? Ref. amplitude 1H	0.000 V
FoV phase	100.0 %	Adjustment Tolerance	Auto
Slice thickness	2.4 mm	Adjust volume	
TR	2200 ms	Position	R4.7 A3.1 H10.8
TE	30 ms	Orientation	T > C-14.9
Averages	1	Rotation	0.00 deg
Concatenations	1	R >> L	220 mm
Filter	Prescan Normalize	A >> P	220 mm
Coil elements	HEA;HEP	F >> H	136 mm
1		Physio	
Contrast MTC	Off	1st Signal/Mode	None
Flip angle	75 deg	•	110110
Fat suppr.	Fat sat.	BOLD	
i at suppi.	ı aı saı.	GLM Statistics	Off
Averaging mode	Long term	Dynamic t-maps	Off
Reconstruction	Magnitude	Starting ignore meas	0
Measurements	191	Ignore after transition	0
Delay in TR	0 ms	Model transition states	Off
Multiple series	Off	Temp. highpass filter	Off
Resolution		Threshold Paradigm size	4.00 20
Base resolution	64	<del></del>	20 Baseline
Phase resolution	100 %	Meas[1] Meas[2]	Baseline Baseline
Phase partial Fourier	Off	Meas[2] Meas[3]	Baseline
Interpolation	Off	Meas[4]	Baseline
		Meas[4] Meas[5]	Baseline
PAT mode	GRAPPA	Meas[6]	Baseline
Accel. factor PE	2	Meas[7]	Baseline
Ref. lines PE	24	Meas[8]	Baseline
Matrix Coil Mode	CP	Meas[9]	Baseline
Reference scan mode	Separate	Meas[0] Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Unfiltered images	Off	Meas[12]	Active
Prescan Normalize	On	Meas[13]	Active
Raw filter	On	Meas[14]	Active
Elliptical filter	Off	Meas[15]	Active
Hamming	Off	Meas[16]	Active
•		Meas[17]	Active
Geometry	Interiory!	Meas[18]	Active
Multi-slice mode	Interleaved		

Meas[19]	Active
Meas[20]	Active
Motion correction	Off
Spatial filter	Off

Introduction Bandwidth Free echo spacing Echo spacing	Off 2298 Hz/Px On 0.52 ms
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

# \\USER\projects\imagen\_fu2\imagen2,session1\EPI\_Face\_FU

TA: 7:31 PAT: 2 Voxel size: 3.4x3.4x2.4 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

Properties		Series	Descending
Prio Recon	Off	Special sat.	None
Before measurement After measurement		Set-n-Go Protocol	Off
Load to viewer	On	Table position	Н
Inline movie	Off	Table position	11 mm
Auto store images	On	Inline Composing	Off
Load to stamp segments	Off	System	
Load images to graphic	Off	Body	Off
segments		HEP	On
Auto open inline display	Off	HEA	On
Start measurement without	On		
further preparation		Positioning mode	ISO
Wait for user to start	On	MSMA	S-C-T
Start measurements	single	Sagittal Coronal	L >> R P >> A
Routine		Transversal	F >> A F >> H
Slice group 1		Coil Combine Mode	Sum of Squares
Slices	40	AutoAlign	
Dist. factor	42 %	Auto Coil Select	Default
Position	R4.7 A3.1 H10.8		
Orientation	T > C-14.9	Shim mode	Standard
Phase enc. dir.	A >> P	Adjust with body coil	Off
Rotation	0.00 deg	Confirm freq. adjustment	Off
Phase oversampling	0 %	Assume Silicone	Off
FoV read	220 mm	? Ref. amplitude 1H	0.000 V
FoV phase	100.0 %	Adjustment Tolerance	Auto
Slice thickness	2.4 mm	Adjust volume Position	R4.7 A3.1 H10.8
TR	2200 ms	Orientation	T > C-14.9
ŢĒ	30 ms	Rotation	0.00 deg
Averages	1	R >> L	220 mm
Concatenations	1 Dragger Naveralina	A >> P	220 mm
Filter Coil elements	Prescan Normalize HEA;HEP	F >> H	136 mm
1	HEA,HEH	ı	
Contrast	~"	Physio 1st Signal/Mode	None
MTC	Off	1	None
Flip angle Fat suppr.	75 deg Fat sat.	BOLD	
rat suppr.	Fai Sai. 	GLM Statistics	Off
Averaging mode	Long term	Dynamic t-maps	Off
Reconstruction	Magnitude	Starting ignore meas	0
Measurements	202	Ignore after transition  Model transition states	0
Delay in TR	0 ms	Temp. highpass filter	Off Off
Multiple series	Off	Temp. highpass liller Threshold	4.00
Resolution		Paradigm size	20
Base resolution	64	Meas[1]	Baseline
Phase resolution	100 %	Meas[2]	Baseline
Phase partial Fourier	Off	Meas[3]	Baseline
Interpolation	Off	Meas[4]	Baseline
PAT mode	GRAPPA	Meas[5]	Baseline
Accel. factor PE	2	Meas[6]	Baseline
Ref. lines PE	24	Meas[7]	Baseline
Matrix Coil Mode	CP	Meas[8]	Baseline
Reference scan mode	Separate	Meas[9]	Baseline
		Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Unfiltered images	Off	Meas[12]	Active
Prescan Normalize	On	Meas[13]	Active
Raw filter	On Off	Meas[14]	Active
Elliptical filter	Off Off	Meas[15]	Active
Hamming	Oii	Meas[16]	Active Active
Geometry		Meas[17] —— Meas[18]	Active
Multi-slice mode	Interleaved	10000[10]	, 1000

Meas[19]	Active
Meas[20]	Active
Motion correction	Off
Spatial filter	Off

Introduction Bandwidth Free echo spacing Echo spacing	Off 2298 Hz/Px On 0.52 ms
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

#### \\USER\projects\imagen\_fu2\imagen2,session1\EPI\_SST\_FU

TA: 12:54 PAT: 2 Voxel size: 3.4×3.4×2.4 mm Rel. SNR: 1.00 SIEMENS: ep2d\_bold

Properties		Series	Descending
Prio Recon	Off	Special sat.	None
Before measurement			
After measurement		Set-n-Go Protocol	Off
Load to viewer	On	Table position	H
Inline movie	Off	Table position Inline Composing	11 mm Off
Auto store images	On	Inline Composing	OII
Load to stamp segments	Off	System	
Load images to graphic	Off	Body	Off
segments	0.4	HEP	On
Auto open inline display	Off	HEA	On
Start measurement without	On	Positioning mode	ISO
further preparation	0.5	MSMA	S - C - T
Wait for user to start Start measurements	On	Sagittal	L >> R
Start measurements	single	Coronal	P >> A
Routine		Transversal	F >> H
Slice group 1		Coil Combine Mode	Sum of Squares
Slices	40	AutoAlign	
Dist. factor	42 %	Auto Coil Select	Default
Position	R4.7 A3.1 H10.8	Chima mande	Ctandord
Orientation	T > C-14.9	Shim mode	Standard Off
Phase enc. dir.	A >> P	Adjust with body coil	Off
Rotation	0.00 deg	Confirm freq. adjustment Assume Silicone	Off
Phase oversampling	0 %	? Ref. amplitude 1H	0.000 V
FoV read	220 mm	Adjustment Tolerance	Auto
FoV phase	100.0 %	Adjust volume	Adio
Slice thickness	2.4 mm	Position	R4.7 A3.1 H10.8
TR TE	2200 ms	Orientation	T > C-14.9
Averages	30 ms	Rotation	0.00 deg
Concatenations	1	R >> L	220 mm
Filter	Prescan Normalize	A >> P	220 mm
Coil elements	HEA;HEP	F >> H	136 mm
Contrast	1127 (,1121	Physio	
MTC	Off	1st Signal/Mode	None
Flip angle	75 deg		
Fat suppr.	Fat sat.	BOLD	
		GLM Statistics	Off
Averaging mode	Long term	Dynamic t-maps	Off
Reconstruction	Magnitude	Starting ignore meas Ignore after transition	0
Measurements	349	Model transition states	Off
Delay in TR	0 ms	Temp. highpass filter	Off
Multiple series	Off	Threshold	4.00
Resolution		_ Paradigm size	20
Base resolution	64	Meas[1]	Baseline
Phase resolution	100 %	Meas[2]	Baseline
Phase partial Fourier	Off	Meas[3]	Baseline
Interpolation	Off	Meas[4]	Baseline
DAT mode	CDADDA	Meas[5]	Baseline
PAT mode	GRAPPA	Meas[6]	Baseline
Accel. factor PE Ref. lines PE	2 24	Meas[7]	Baseline
Matrix Coil Mode	CP	Meas[8]	Baseline
Reference scan mode		Meas[9]	Baseline
	Separate	Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Unfiltered images	Off	Meas[12]	Active
Prescan Normalize	On	Meas[13]	Active
Raw filter	On	Meas[14]	Active
Elliptical filter	Off	Meas[15]	Active
Hamming	Off	Meas[16]	Active
Geometry		Meas[17]	Active
Multi-slice mode	Interleaved	_	Active
550 111040			

Meas[19]	Active
Meas[20]	Active
Motion correction	Off
Spatial filter	Off

Introduction	Off
Bandwidth	2298 Hz/Px
Free echo spacing	On
Echo spacing	0.52 ms
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

\\USER\projects\imagen\_fu2\imagen2,session1\B0 map

SIEMENS: gre\_field\_mapping

Voxel size: 4.0×4.0×4.0 mm Rel. SNR: 1.00

TA: 0:45

Series

		1	
roperties		Special sat.	None
Prio Recon	Off	Set-n-Go Protocol	Off
Before measurement		Table position	H
After measurement		Table position	11 mm
Load to viewer	On	Inline Composing	Off
Inline movie	Off	I milite Composing	Oli
Auto store images	On	System	
Load to stamp segments	Off	Body	Off
Load images to graphic	Off	HEP	On
segments		HEA	On
Auto open inline display	Off		
Start measurement without	On	Positioning mode	FIX
further preparation		MSMA	S - C - T
Wait for user to start	On	Sagittal	L >> R
Start measurements	single	Coronal	P >> A
	3 -	Transversal	F >> H
outine		Save uncombined	Off
Slice group 1		Coil Combine Mode	Adaptive Combine
Slices	36	AutoAlign	
Dist. factor	0 %	Auto Coil Select	Default
Position	R4.7 A3.1 H10.8		
Orientation	T > C-14.9	Shim mode	Standard
Phase enc. dir.	A >> P	Adjust with body coil	Off
Rotation	0.00 deg	Confirm freq. adjustment	Off
Phase oversampling	0 %	Assume Silicone	Off
FoV read	256 mm	? Ref. amplitude 1H	0.000 V
FoV phase	87.5 %	Adjustment Tolerance	Auto
Slice thickness	4.0 mm	Adjust volume	
TR	378 ms	Position	R4.7 A3.1 H10.8
TE 1	4.63 ms	Orientation	T > C-14.9
TE 2	7.09 ms	Rotation	0.00 deg
Averages	1	R >> L	256 mm
Concatenations	1	A >> P	224 mm
Filter	Raw filter	F >> H	144 mm
Coil elements	HEA;HEP	1	
	I ILA,I ILF	Composing	
Contrast MTC	Off	Sequence	
Flip angle	40 deg	Introduction	On
	<u> </u>	Dimension	2D
Fat suppr.	None	Asymmetric echo	Off
Averaging mode	Short term	Contrasts	2
Reconstruction	Magn./Phase	Bandwidth	260 Hz/Px
Measurements	1	Flow comp.	Yes
Multiple series	Each measurement	DE pulso time	Normal
Resolution		RF pulse type Gradient mode	Normal Fast
Base resolution	64	RF spoiling	On
Phase resolution	6 <del>4</del> 100 %	spomis	<b>.</b>
Phase partial Fourier	Off		
Interpolation	Off		
Matrix Coil Mode	Auto (CP)		
Image Filter	Off		
Distortion Corr.	Off		
Prescan Normalize	Off		
Normalize	Off		
B1 filter	Off		
Raw filter	On		
	Medium		
Intensity			
Slope	48 Off		
Elliptical filter	Off		
Geometry			
Multi-slice mode	Interleaved		
F. O. M. O. O.			

Interleaved

#### \\USER\projects\imagen\_fu2\imagen2,session1\DTI Rel. SNR: 1.00 TA: 9:45 PAT: 2 Voxel size: 2.4x2.4x2.4 mm SIEMENS: ep2d diff Interleaved Series **Properties** Prio Recon Off Special sat. None Before measurement After measurement Set-n-Go Protocol Off Load to viewer On Table position Н Inline movie Off Table position 11 mm Auto store images On Inline Composing Off Load to stamp segments Off System Load images to graphic Off Off Body seaments HEP On Auto open inline display Off HEA On Start measurement without Off further preparation Positioning mode FIX Wait for user to start Off **MSMA** S - C - T Start measurements single Sagittal L >> R Coronal P >> A Routine Transversal F >> H Slice group 1 Coil Combine Mode Adaptive Combine Slices 60 AutoAlign Dist. factor 0 % Auto Coil Select Default Position R4.7 A3.1 H10.8 Orientation T > C-14.9Shim mode Standard Phase enc. dir. A >> P Adjust with body coil Off 0.00 deg Rotation Off Confirm freq. adjustment Phase oversampling 0 % Assume Silicone Off FoV read 307 mm ? Ref. amplitude 1H 0.000 V FoV phase 100.0 % Adjustment Tolerance Auto 2.4 mm Slice thickness Adjust volume TR 15000 ms Position R4.7 A3.1 H10.8 TE 104 ms Orientation T > C-14.9**Averages** 0.00 deg Rotation Concatenations R >> L 307 mm Filter Raw filter, Prescan Normalize 307 mm A >> P HEA;HEP Coil elements F >> H 144 mm Contrast Physio Off MTC 1st Signal/Mode None Magn. preparation None Resp. control Off Fat suppr. Fat sat. Diff Averaging mode Long term Diffusion mode Reconstruction Magnitude Free Diff. weightings Delay in TR 0 ms b-value 1300 s/mm<sup>2</sup> Multiple series Off Diff. weighted images On Resolution Trace weighted images Off 128 Base resolution Average ADC maps Off Phase resolution 100 % Individual ADC maps Off Phase partial Fourier Off FA maps Off Interpolation Off Mosaic Off Tensor Off PAT mode **GRAPPA** Noise level 40 Accel. factor PE 2 Diff. directions 36 Ref. lines PE 24 Matrix Coil Mode Auto (Triple) Sequence Separate Reference scan mode Introduction Off Distortion Corr. Off 1860 Hz/Px Bandwidth Prescan Normalize On Free echo spacing On Raw filter On Echo spacing 0.60 ms Intensity Strong EPI factor 128 Slope 64 RF pulse type Normal Elliptical filter Off

Hamming

Multi-slice mode

Geometry

Off

Interleaved

Gradient mode

Fast

\\USER\projects\imagen_fu2\imagen2,session1\EPI_Rest_FU				
TA: 6:07	PAT: 2	Voxel size: 3.4x3.4x2.4 mm	Rel. SNR: 1.00	SIEMENS: ep2d_bold

Properties		Series	Descending
Prio Recon	Off	Special sat.	None
Before measurement After measurement		Set-n-Go Protocol	Off
Load to viewer	On	Table position	Н
Inline movie	Off	Table position	11 mm
Auto store images	On	Inline Composing	Off
Load to stamp segments	Off	System	
Load images to graphic	Off	Body	Off
segments		HEP	On
Auto open inline display	Off	HEA	On
Start measurement without	On		
further preparation		Positioning mode	ISO
Wait for user to start	On	MSMA Sogittal	S - C - T L >> R
Start measurements	single	Sagittal Coronal	L >> K P >> A
Routine		Transversal	F>> H
Slice group 1		Coil Combine Mode	Sum of Squares
Slices	40	AutoAlign	
Dist. factor	42 %	Auto Coil Select	Default
Position	R4.7 A3.1 H10.8		
Orientation	T > C-14.9	Shim mode	Standard
Phase enc. dir.	A >> P	Adjust with body coil	Off
Rotation	0.00 deg	Confirm freq. adjustment	Off
Phase oversampling	0 %	Assume Silicone	Off
FoV read	220 mm	? Ref. amplitude 1H	0.000 V
FoV phase	100.0 %	Adjustment Tolerance	Auto
Slice thickness	2.4 mm	Adjust volume Position	R4.7 A3.1 H10.8
TR	2200 ms	Orientation	T > C-14.9
ŢE	30 ms	Rotation	0.00 deg
Averages	1	R >> L	220 mm
Concatenations	1 Dragger Normalina	A >> P	220 mm
Filter Coil elements	Prescan Normalize HEA;HEP	F >> H	136 mm
1	HEA,HEF	ı	
Contrast	~	Physio 1st Signal/Mode	None
MTC	Off	1	None
Flip angle Fat suppr.	75 deg Fat sat.	BOLD	
Fat Suppr.	Fai Sai. 	GLM Statistics	Off
Averaging mode	Long term	Dynamic t-maps	Off
Reconstruction	Magnitude	Starting ignore meas	0
Measurements	164	Ignore after transition	0
Delay in TR	0 ms	Model transition states	Off Off
Multiple series	Off	Temp. highpass filter Threshold	4.00
Resolution		Paradigm size	20
Base resolution	64	Meas[1]	Baseline
Phase resolution	100 %	Meas[1]	Baseline
Phase partial Fourier	Off	Meas[3]	Baseline
Interpolation	Off	Meas[4]	Baseline
PAT mode	GRAPPA	Meas[5]	Baseline
Accel. factor PE	GRAPPA 2	Meas[6]	Baseline
Ref. lines PE	24	Meas[7]	Baseline
Matrix Coil Mode	CP	Meas[8]	Baseline
Reference scan mode	Separate	Meas[9]	Baseline
		Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Unfiltered images	Off	Meas[12]	Active
Prescan Normalize	On	Meas[13]	Active
Raw filter	On O#	Meas[14]	Active
Elliptical filter	Off	Meas[15]	Active
Hamming	Off	Meas[16]	Active
Geometry		Meas[17] Meas[18]	Active Active
Multi-slice mode	Interleaved	weas[10]	TOUTE

Meas[19]	Active
Meas[20]	Active
Motion correction	Off
Spatial filter	Off

Introduction	Off
Bandwidth	2298 Hz/Px
Free echo spacing	On
Echo spacing	0.52 ms
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast