

ADNI GO - ADNI 2 Human6 (9) 35:15.4

3 Plane Localizer 00:31.5

Ref\_HC\_8 00:29.7

MPRAGE 09:06.7

MPRAGE SENSE2 05:34.2

Resting State fMRI 07:03.0

Axial T2-TSE with Fat Sat 02:42.0

Axial T2-FLAIR 04:03.0

Axial T2-Star 04:22.6

Field Mapping 01:22.7

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	00:31.5	Nucleus	H1	Scan type	Imaging
Rel. signal level (%)	100	Coil selection	SENSE-Head-8	Scan mode	M2D
Act. TR/TE (ms)	11 / 4.6	element selection	SENSE	technique	FFE
ACQ matrix M x P	256 x 128	connection	d	Contrast enhancement	T1
ACQ voxel MPS (mm)	0.98 / 1.95 / 10.0	Dual coil	no	Acquisition mode	cartesian
REC voxel MPS (mm)	0.98 / 0.98 / 10.0	Multi coil	no	Fast Imaging mode	TFE
Scan percentage (%)	50	Homogeneity correction	none	shot mode	multishot
TFE shots	2	CLEAR	no	TFE factor	64
TFE dur. shot / acq (ms)	1166.2 / 712.7	FOV FH (mm)	250	startup echoes	default
TFE shot interval (ms)	1166.209	AP (mm)	250	shot interval	shortest
Min. TI delay	402.6041	stack RL (mm)	50	profile order	linear
Act. WFS (pix) / BW (Hz)	3.494 / 124.3	Voxel size FH (mm)	0.9765625	Echoes	1
Min. WFS (pix) / Max. BW (Hz)	1.044 / 415.8	AP (mm)	1.953125	partial echo	yes
Min. TR/TE (ms)	11 / 2.4	Slice thickness (mm)	10	shifted echo	no
SAR / head	< 9 % / 0.3 W/kg	Recon voxel size (mm)	0.9765625	TE	in-phase
Whole body / level	0.0 W/kg / normal	RFOV (%)	100	(ms)	4.605216
B1 rms [uT]	0.688144	Fold-over suppression	no	Flip angle (deg)	15
PNS / level	16 % / normal	Matrix scan	256	TR	shortest
Sound Pressure Level (dB)	-3.014811	reconstruction	256	Halfscan	no
<b>MOTION</b>		Scan percentage (%)	50	Water-fat shift	user defined
Cardiac synchronization	no	SENSE	no	(pixels)	3.5
Respiratory compensation	no	k-t BLAST	no	Shim	default
Navigator respiratory comp	no	Stacks	3	Fat suppression	no
Flow compensation	no	current	A	Water suppression	no
fMRI echo stabilisation	no	type	parallel	TFE prepulse	invert
Motion smoothing	no	slices	3	slice selection	no
NSA	1	slice thickness (mm)	10	shared	no
<b>DYN/ANG</b>		slice gap	user defined	delay	user defined
Angio / Contrast enh.	no	gap (mm)	10	(ms)	800
Quantitative flow	no	slice orientation	sagittal	PSIR	no
Manual start	no	fold-over direction	AP	MTC	no
Dynamic study	no	fat shift direction	F	T2prep	no
Arterial Spin labeling	no	Slice scan order	default	Research prepulse	no
<b>POST/PROC</b>		Stack scan order	ascend	Diffusion mode	no
Preparation phases	auto	Move table per stack	no	Elastography mode	no
Manual Offset Freq.	no	Stack alignment	no	SAR mode	high
SmartPlan survey	no	Stack display order	no	B1 mode	default
B0 field map/Dixon	no	PlanAlign	no	PNS mode	low
B1 field map	no	REST slabs	0	Gradient mode	regular
MIP/MPR	no	Catheter tracking	no	SofTone mode	no
Images	M, no, no, no	Interactive positioning	no		
Autoview image	M	Allow table movement	no		
Calculated images	no, no, no, no	<b>OFFC/ANG</b>			
Reference tissue	Grey matter	Stacks	3		
Preset window contrast	soft	current	A		
Reconstruction mode	real time	Stack Offc. AP (P=+mm)	-20		
Save raw data	no	RL (L=+mm)	0		
Hardcopy protocol	no	FH (H=+mm)	20		
Ringing filtering	rectangular	Ang. AP (deg)	0		
Geometry correction	default	RL (deg)	0		
		FH (deg)	0		

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	00:29.7	Coil selection	SENSE-Head-8	Coil selection	SENSE-Head-8
Rel. signal level (%)	100	element selection	SENSE	element selection	SENSE
Act. TR/TE (ms)	4.0 / 0.79	connection	d	connection	d
ACQ matrix M x P	96 x 49	Dual coil	no	Dual coil	no
ACQ voxel MPS (mm)	4.69 / 6.04 / 6.00	Fold-over suppression	yes	Fold-over suppression	yes
REC voxel MPS (mm)	4.69 / 4.69 / 3.00	Stack Offc. AP (P=+mm)	-8.602485	Stack Offc. AP (P=+mm)	-8.602485
Scan percentage (%)	77.60416	RL (L=+mm)	0	RL (L=+mm)	0
Packages	1	FH (H=+mm)	14.21405	FH (H=+mm)	14.21405
Act. WFS (pix) / BW (Hz)	0.214 / 2025.1	Respiratory compensation	no	Respiratory compensation	no
Min. WFS (pix) / Max. BW (Hz)	0.208 / 2083.3	NSA	3	NSA	3
SAR / local torso	< 2 % / 0.2 W/kg	Manual start	no	Manual start	no
Whole body / level	0.0 W/kg / normal	OFFC/ANG			
B1 rms [uT]	0.2545432	Coil selection	SENSE-Head-8		
PNS / level	30 % / normal	element selection	SENSE		
Sound Pressure Level (dB)	18.40919	connection	d		
MOTION		Dual coil	no		
Coil selection	SENSE-Head-8	Fold-over suppression	yes		
element selection	SENSE	Stack Offc. AP (P=+mm)	-8.602485		
connection	d	RL (L=+mm)	0		
Dual coil	no	FH (H=+mm)	14.21405		
Fold-over suppression	yes	Respiratory compensation	no		
Stack Offc. AP (P=+mm)	-8.602485	NSA	3		
RL (L=+mm)	0	Manual start	no		
FH (H=+mm)	14.21405				
Respiratory compensation	no				
NSA	3				
Manual start	no				
DYN/ANG					
Coil selection	SENSE-Head-8				
element selection	SENSE				
connection	d				
Dual coil	no				
Fold-over suppression	yes				
Stack Offc. AP (P=+mm)	-8.602485				
RL (L=+mm)	0				
FH (H=+mm)	14.21405				
Respiratory compensation	no				
NSA	3				
Manual start	no				
POST/PROC					
Coil selection	SENSE-Head-8				
element selection	SENSE				
connection	d				
Dual coil	no				
Fold-over suppression	yes				
Stack Offc. AP (P=+mm)	-8.602485				
RL (L=+mm)	0				
FH (H=+mm)	14.21405				
Respiratory compensation	no				
NSA	3				
Manual start	no				

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	09:06.7	Nucleus	H1	Scan type	Imaging
Rel. signal level (%)	100	Coil selection	SENSE-Head-8	Scan mode	3D
Act. TR/TE (ms)	6.8 / 3.1	element selection	SENSE	technique	FFE
ACQ matrix M x P	256 x 240	connection	d	Contrast enhancement	T1
ACQ voxel MPS (mm)	1.00 / 1.00 / 1.20	Dual coil	no	Acquisition mode	cartesian
REC voxel MPS (mm)	1.00 / 1.00 / 1.20	CLEAR	yes	Fast Imaging mode	TFE
Scan percentage (%)	100	body tuned	no	3D non-selective	no
TFE shots	218	FOV FH (mm)	256	shot mode	multishot
TFE dur. shot / acq (ms)	1725.0 / 1633.3	AP (mm)	240	TFE factor	240
Min. TI delay	849.9592	RL (mm)	204	3D free factor	no
Act. WFS (pix) / BW (Hz)	1.801 / 241.1	Voxel size FH (mm)	1	startup echoes	default
Min. WFS (pix) / Max. BW (Hz)	0.494 / 879.9	AP (mm)	1	shot interval	user defined
SAR / head	< 10 % / 0.3 W/kg	RL (mm)	1.2	(ms)	2500
Whole body / level	0.0 W/kg / normal	Recon voxel size (mm)	1	profile order	linear
B1 rms [uT]	0.7330732	RFOV (%)	93.75	turbo direction	Y
PNS / level	59 % / normal	Fold-over suppression	no	Echoes	1
Sound Pressure Level (dB)	12.53296	Slice oversampling	default	partial echo	no
<b>MOTION</b>		Matrix scan	256	shifted echo	no
Cardiac synchronization	no	reconstruction	256	TE	shortest
Respiratory compensation	no	Scan percentage (%)	100	Flip angle (deg)	9
Navigator respiratory comp	no	SENSE	yes	TR	shortest
Flow compensation	no	P reduction (AP)	1	Halfscan	no
fMRI echo stabilisation	no	P os factor	1	Water-fat shift	user defined
Motion smoothing	no	S reduction (RL)	1	(pixels)	1.8
NSA	1	k-t BLAST	no	Shim	auto
<b>DYN/ANG</b>		Overcontiguous slices	no	Fat suppression	no
Angio / Contrast enh.	no	Stacks	1	Water suppression	no
Quantitative flow	no	slices	170	TFE prepulse	invert
CENTRA	no	slice thickness (mm)	1.2	slice selection	no
Manual start	no	slice orientation	sagittal	delay	user defined
Dynamic study	no	fold-over direction	AP	(ms)	900
Arterial Spin labeling	no	fat shift direction	F	PSIR	no
<b>POST/PROC</b>		Chunks	1	MTC	no
Preparation phases	auto	PlanAlign	no	T2prep	no
Manual Offset Freq.	no	REST slabs	0	Research prepulse	no
SmartPlan survey	no	Catheter tracking	no	Diffusion mode	no
B0 field map/Dixon	no	Interactive positioning	no	Elastography mode	no
B1 field map	no	Allow table movement	no	SAR mode	high
MIP/MPR	no	<b>OFFC/ANG</b>		B1 mode	default
Images	M, no, no, no	Stacks	1	PNS mode	low
Autoview image	M	Stack Offc. AP (P=+mm)	-7.38014	Gradient mode	maximum
Calculated images	no, no, no, no	RL (L=+mm)	1.671578	SoftTone mode	no
Reference tissue	Grey matter	FH (H=+mm)	15.46823		
Preset window contrast	soft	Ang. AP (deg)	-1.783733		
Reconstruction mode	real time	RL (deg)	-0.07435598		
Save raw data	no	FH (deg)	-2.387414		
Hardcopy protocol	no				
Ringling filtering	rectangular				
Geometry correction	default				
Elliptical k-space shutter	default				

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	05:34.2	Nucleus	H1	Scan type	Imaging
Rel. signal level (%)	100	Coil selection	SENSE-Head-8	Scan mode	3D
Act. TR/TE (ms)	6.8 / 3.1	element selection	SENSE	technique	FFE
ACQ matrix M x P	244 x 227	connection	d	Contrast enhancement	T1
ACQ voxel MPS (mm)	1.11 / 1.11 / 1.20	Dual coil	no	Acquisition mode	cartesian
REC voxel MPS (mm)	1.05 / 1.05 / 1.20	CLEAR	yes	Fast Imaging mode	TFE
Scan percentage (%)	100	body tuned	no	3D non-selective	no
TFE factor	234	FOV FH (mm)	270	shot mode	single-shot
TFE dur. shot / acq (ms)	1702.6 / 1586.7	AP (mm)	253.125	TFE startup echoes	default
Min. TI delay	827.6914	RL (mm)	204	shot interval	user defined
Act. WFS (pix) / BW (Hz)	1.811 / 239.9	Voxel size FH (mm)	1.11	(ms)	2500
Min. WFS (pix) / Max. BW (Hz)	0.468 / 927.2	AP (mm)	1.11	profile order	linear
SAR / head	< 10 % / 0.3 W/kg	RL (mm)	1.2	turbo direction	Y
Whole body / level	0.0 W/kg / normal	Recon voxel size (mm)	1.054688	Echoes	1
B1 rms [uT]	0.7506021	RFOV (%)	93.75	partial echo	no
PNS / level	60 % / normal	Fold-over suppression	no	shifted echo	no
Sound Pressure Level (dB)	13.623	Slice oversampling	default	TE	shortest
<b>MOTION</b>		Matrix scan	244	Flip angle (deg)	9
Cardiac synchronization	no	reconstruction	256	TR	shortest
Respiratory compensation	no	Scan percentage (%)	100	Halfscan	no
Navigator respiratory comp	no	SENSE	yes	Water-fat shift	user defined
Flow compensation	no	P reduction (AP)	1	(pixels)	1.8
fMRI echo stabilisation	no	P os factor	1.5	Shim	auto
Motion smoothing	no	S reduction (RL)	1.8	Fat suppression	no
NSA	1	k-t BLAST	no	Water suppression	no
<b>DYN/ANG</b>		Overcontiguous slices	no	TFE prepulse	invert
Angio / Contrast enh.	no	Stacks	1	slice selection	no
Quantitative flow	no	slices	170	delay	user defined
CENTRA	no	slice thickness (mm)	1.2	(ms)	900
Manual start	no	slice orientation	sagittal	PSIR	no
Dynamic study	no	fold-over direction	AP	MTC	no
Arterial Spin labeling	no	fat shift direction	F	T2prep	no
<b>POST/PROC</b>		Chunks	1	Research prepulse	no
Preparation phases	auto	PlanAlign	no	Diffusion mode	no
Manual Offset Freq.	no	REST slabs	0	Elastography mode	no
SmartPlan survey	no	Catheter tracking	no	SAR mode	high
B0 field map/Dixon	no	Interactive positioning	no	B1 mode	default
B1 field map	no	Allow table movement	no	PNS mode	low
MIP/MPR	no	<b>OFFC/ANG</b>		Gradient mode	maximum
Images	M, no, no, no	Stacks	1	SoftTone mode	no
Autoview image	M	Stack Offc. AP (P=+mm)	-7.38014		
Calculated images	no, no, no, no	RL (L=+mm)	1.671578		
Reference tissue	Grey matter	FH (H=+mm)	15.46823		
Preset window contrast	soft	Ang. AP (deg)	-1.783733		
Reconstruction mode	real time	RL (deg)	-0.07435598		
Save raw data	no	FH (deg)	-2.387414		
Hardcopy protocol	no				
Ringling filtering	rectangular				
Geometry correction	default				
Elliptical k-space shutter	default				

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	07:03.0	Nucleus	H1	Scan type	Imaging
Rel. signal level (%)	100	Coil selection	SENSE-Head-8	Scan mode	MS
Act. TR/TE (ms)	3000 / 30	element selection	SENSE	technique	FFE
Dyn. scan time	00:03.0	connection	d	Contrast enhancement	no
ACQ matrix M x P	64 x 59	Dual coil	no	Acquisition mode	cartesian
ACQ voxel MPS (mm)	3.31 / 3.37 / 3.31	Homogeneity correction	none	Fast Imaging mode	EPI
REC voxel MPS (mm)	3.31 / 3.31 / 3.31	CLEAR	no	shot mode	single-shot
Scan percentage (%)	98.33334	FOV RL (mm)	212	Echoes	1
Packages	1	AP (mm)	198.75	partial echo	no
Min. slice gap (mm)	0	FH (mm)	159	shifted echo	no
EPI factor	59	Voxel size RL (mm)	3.3125	TE	user defined
Act. WFS (pix) / BW (Hz)	18.047 / 24.1	AP (mm)	3.3125	(ms)	30
BW in EPI freq. dir. (Hz)	1885.5	Slice thickness (mm)	3.3125	Flip angle (deg)	80
Min. WFS (pix) / Max. BW (Hz)	10.219 / 42.5	Recon voxel size (mm)	3.3125	TR	user defined
Min. TR/TE (ms)	2943 / 13	RFOV (%)	93.75	(ms)	3000
SAR / head	< 29 % / 0.9 W/kg	Fold-over suppression	no	Halfscan	no
Whole body / level	< 0.1 W/kg / normal	Matrix scan	64	Water-fat shift	user defined
B1 rms [uT]	1.247425	reconstruction	64	(pixels)	18.049
PNS / level	61 % / normal	Scan percentage (%)	100	Shim	auto
Sound Pressure Level (dB)	16.67925	SENSE	no	Fat suppression	SPIR
<b>MOTION</b>		k-t BLAST	no	strength	strong
Cardiac synchronization	no	Stacks	1	frequency offset	default
Respiratory compensation	no	type	parallel	Water suppression	no
Navigator respiratory comp	no	slices	48	MTC	no
Flow compensation	no	slice thickness (mm)	3.3125	Research prepulse	no
Temporal slice spacing	equidistant	slice gap	user defined	Diffusion mode	no
fMRI echo stabilisation	no	gap (mm)	0	Elastography mode	no
NSA	1	slice orientation	transverse	SAR mode	high
<b>DYN/ANG</b>		fold-over direction	AP	B1 mode	default
Angio / Contrast enh.	no	fat shift direction	P	PNS mode	moderate
Quantitative flow	no	Minimum number of packages	1	Gradient mode	maximum
Manual start	yes	Slice scan order	default	SoftTone mode	no
Dynamic study	individual	PlanAlign	no		
dyn scans	140	REST slabs	0		
recon multiplier	1	Catheter tracking	no		
dyn scan times	shortest	Interactive positioning	no		
dummy scans	0	Allow table movement	no		
immediate subtraction	no	<b>OFFC/ANG</b>			
fast next scan	no	Stacks	1		
synch. ext. device	no	Stack Offc. AP (P=+mm)	-9.332945		
dyn stabilization	no	RL (L=+mm)	7.304602		
prospect. motion corr.	yes	FH (H=+mm)	15.67497		
Keyhole	no	Ang. AP (deg)	0		
Arterial Spin labeling	no	RL (deg)	0		
<b>POST/PROC</b>		FH (deg)	0		
Preparation phases	full				
Manual Offset Freq.	no				
SmartPlan survey	no				
B0 field map/Dixon	no				
B1 field map	no				
MIP/MPR	no				
Images	M, no, no, no				
Autoview image	M				
Calculated images	no, no, no, no				

Reference tissue	Grey matter
EPI 2D phase correction	no
Preset window contrast	soft
Reconstruction mode	real time
reuse memory	no
Save raw data	no
Hardcopy protocol	no
Ringing filtering	default
Geometry correction	2D compensation

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	02:42.0	Nucleus	H1	Scan type	Imaging
Rel. signal level (%)	100	Coil selection	SENSE-Head-8	Scan mode	MS
Act. TR (ms)	3000	element selection	SENSE	technique	SE
Act. TE (ms)	80	connection	d	Modified SE	no
ACQ matrix M x P	256 x 255	Dual coil	no	Acquisition mode	cartesian
ACQ voxel MPS (mm)	0.94 / 0.94 / 4.00	Homogeneity correction	none	Fast Imaging mode	TSE
REC voxel MPS (mm)	0.94 / 0.94 / 4.00	CLEAR	yes	shot mode	multishot
Scan percentage (%)	99.60938	body tuned	no	TSE factor	15
Packages	3	FOV AP (mm)	240	startup echoes	0
Min. slice gap (mm)	4	RL (mm)	240	profile order	linear
Optimal slices	30	FH (mm)	176	DRIVE	no
Max. slices	45	Voxel size AP (mm)	0.9375	ultrashort	no
WFS (pix) / BW (Hz)	2.846 / 152.6	RL (mm)	0.9375	strong FID crushing	no
TSE es / shot (ms)	10.0 / 150	Slice thickness (mm)	4	Echoes	1
TE k=0 / plateau / equiv (ms)	80 / 0 / 72	Recon voxel size (mm)	0.9375	partial echo	no
Min. TR (ms)	2926	RFOV (%)	100	TE	user defined
SAR / head	< 98 % / 3.1 W/kg	Small FOV imaging	no	(ms)	80
Whole body / level	< 0.2 W/kg / normal	Fold-over suppression	no	Flip angle (deg)	90
B1 rms [uT]	2.306218	Matrix scan	256	Refocusing control	yes
PNS / level	53 % / normal	reconstruction	256	angle (deg)	120
Sound Pressure Level (dB)	10.4683	Scan percentage (%)	100	echo enhancement	no
<b>MOTION</b>		SENSE	no	bright fat reduction	no
Cardiac synchronization	no	k-t BLAST	no	TR	user defined
Respiratory compensation	no	Stacks	1	(ms)	3000
Navigator respiratory comp	no	type	parallel	Halfscan	no
Flow compensation	no	slices	44	Water-fat shift	maximum
Temporal slice spacing	default	slice thickness (mm)	4	Shim	default
Motion smoothing	no	slice gap	user defined	Fat suppression	SPIR
NSA	1	gap (mm)	0	strength	strong
<b>DYN/ANG</b>		slice orientation	transverse	frequency offset	default
Manual start	no	fold-over direction	RL	Water suppression	no
Dynamic study	no	fat shift direction	P	Grad. rev. offres. supp.	no
Arterial Spin labeling	no	Minimum number of packages	1	BB pulse	no
<b>POST/PROC</b>		Slice scan order	default	MTC	no
Preparation phases	auto	PlanAlign	no	T2prep	no
Manual Offset Freq.	no	REST slabs	1	Research prepulse	no
SmartPlan survey	no	type	parallel	Zoom imaging	no
B0 field map/Dixon	no	thickness (mm)	60	Diffusion mode	no
B1 field map	no	position	feet	Elastography mode	no
MIP/MPR	no	gap	default	SAR mode	high
Images	M, no, no, no	power	1	B1 mode	default
Autoview image	M	Catheter tracking	no	PNS mode	low
Calculated images	no, no, no, no	Interactive positioning	no	Gradient mode	default
Reference tissue	Grey matter	Allow table movement	no	SoftTone mode	no
Preset window contrast	soft	<b>OFFC/ANG</b>			
Reconstruction mode	real time	Stacks	1		
Save raw data	no	Stack Offc. AP (P=+mm)	0		
Hardcopy protocol	no	RL (L=+mm)	0		
Ringing filtering	rectangular	FH (H=+mm)	0		
Geometry correction	default	Ang. AP (deg)	0		
		RL (deg)	0		
		FH (deg)	0		



INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	04:03.0	Nucleus	H1	Scan type	Imaging
Rel. signal level (%)	100	Coil selection	SENSE-Head-8	Scan mode	MS
Act. TR/TI (ms)	9000 / 2500	element selection	SENSE	technique	IR
Act. TE (ms)	90	connection	d	Acquisition mode	cartesian
ACQ matrix M x P	256 x 237	Dual coil	no	Fast Imaging mode	TSE
ACQ voxel MPS (mm)	0.86 / 0.93 / 5.00	CLEAR	yes	shot mode	multishot
REC voxel MPS (mm)	0.86 / 0.86 / 5.00	body tuned	no	TSE factor	19
Scan percentage (%)	92.68293	FOV AP (mm)	220	startup echoes	0
Packages	3	RL (mm)	220	profile order	linear
Min. slice gap (mm)	5	FH (mm)	175	DRIVE	no
Optimal slices	24	Voxel size AP (mm)	0.86	ultrashort	no
Max. slices	36	RL (mm)	0.86	strong FID crushing	no
WFS (pix) / BW (Hz)	1.957 / 221.9	Slice thickness (mm)	5	Echoes	1
TSE es / shot (ms)	9.0 / 171	Recon voxel size (mm)	0.859375	partial echo	no
TE k=0 / plateau / equiv (ms)	90 / 0 / 88	RFOV (%)	100	TE	user defined
Min. TR/TI (ms)	7332 / 50	Fold-over suppression	no	(ms)	90
SAR / head	< 50 % / 1.6 W/kg	Matrix scan	256	Refocusing control	yes
reconstruction		reconstruction	256	angle (deg)	150
Whole body / level	< 0.1 W/kg / normal	Scan percentage (%)	100	echo enhancement	no
B1 rms [uT]	1.658375	SENSE	yes	bright fat reduction	no
PNS / level	40 % / normal	P reduction (RL)	1.6	TR	user defined
Sound Pressure Level (dB)	9.009453	P os factor	1	(ms)	9000
<b>MOTION</b>		k-t BLAST	no	Halfscan	no
Cardiac synchronization	no	Stacks	1	Water-fat shift	user defined
Respiratory compensation	no	type	parallel	(pixels)	1.96
Navigator respiratory comp	no	slices	35	IR delay (ms)	2500
Flow compensation	no	slice thickness (mm)	5	acquire during delay	yes
Motion smoothing	no	slice gap	user defined	dual	no
NSA	1	gap (mm)	0	Shim	auto
<b>DYN/ANG</b>		slice orientation	transverse	Fat suppression	no
Manual start	no	fold-over direction	RL	Water suppression	no
Dynamic study	no	fat shift direction	P	Grad. rev. offres. supp.	no
Arterial Spin labeling	no	Minimum number of packages	3	MTC	no
<b>POST/PROC</b>		Slice scan order	default	T2prep	no
Preparation phases	auto	PlanAlign	no	Research prepulse	no
Manual Offset Freq.	no	REST slabs	0	Zoom imaging	no
SmartPlan survey	no	Catheter tracking	no	Diffusion mode	no
B0 field map/Dixon	no	Interactive positioning	no	Elastography mode	no
B1 field map	no	Allow table movement	no	SAR mode	high
MIP/MPR	no	<b>OFFC/ANG</b>		B1 mode	default
Images	M, no, no, no	Stacks	1	PNS mode	low
Autoview image	M	Stack Offc. AP (P=+mm)	0	Gradient mode	default
Reference tissue	Grey matter	RL (L=+mm)	0	SoftTone mode	no
Preset window contrast	soft	FH (H=+mm)	0		
Reconstruction mode	real time	Ang. AP (deg)	0		
Save raw data	no	RL (deg)	0		
Hardcopy protocol	no	FH (deg)	0		
Ringling filtering	rectangular				
Geometry correction	2D compensation				

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	04:22.6	Nucleus	H1	Scan type	Imaging
Rel. signal level (%)	100	Coil selection	SENSE-Head-8	Scan mode	MS
Act. TR/TE (ms)	650 / 20	element selection	SENSE	technique	FFE
ACQ matrix M x P	248 x 200	connection	d	Contrast enhancement	no
ACQ voxel MPS (mm)	0.81 / 1.00 / 4.00	Dual coil	no	Acquisition mode	cartesian
REC voxel MPS (mm)	0.78 / 0.78 / 4.00	CLEAR	yes	Fast Imaging mode	none
Scan percentage (%)	80.64516	body tuned	no	Echoes	1
Packages	2	FOV AP (mm)	200	partial echo	no
Min. slice gap (mm)	0	RL (mm)	200	shifted echo	no
Optimal slices	22	FH (mm)	176	TE	user defined
Act. WFS (pix) / BW (Hz)	2.154 / 201.6	Voxel size AP (mm)	0.8	(ms)	20
Min. WFS (pix) / Max. BW (Hz)	1.054 / 412.0	RL (mm)	1	Flip angle (deg)	20
Min. TR/TE (ms)	555 / 8.5	Slice thickness (mm)	4	TR	user defined
SAR / head	< 1 % / 0.0 W/kg	Recon voxel size (mm)	0.8	(ms)	650
Whole body / level	0.0 W/kg / normal	RFOV (%)	100	Halfscan	no
B1 rms [uT]	0.2806907	Fold-over suppression	no	Water-fat shift	user defined
PNS / level	27 % / normal	Matrix scan	248	(pixels)	2.15
Sound Pressure Level (dB)	2.214897	reconstruction	256	Shim	auto
<b>MOTION</b>		Scan percentage (%)	80.64516	Fat suppression	no
Cardiac synchronization	no	SENSE	yes	Water suppression	no
Respiratory compensation	no	P reduction (RL)	1	MTC	no
Navigator respiratory comp	no	P os factor	1	Research prepulse	no
Flow compensation	yes	k-t BLAST	no	Diffusion mode	no
Temporal slice spacing	default	Stacks	1	Elastography mode	no
fMRI echo stabilisation	no	type	parallel	SAR mode	low
NSA	1	slices	44	B1 mode	default
<b>DYN/ANG</b>		slice thickness (mm)	4	PNS mode	low
Angio / Contrast enh.	inflow	slice gap	user defined	Gradient mode	default
slice overlap	no	gap (mm)	0	SoftTone mode	no
Quantitative flow	no	slice orientation	transverse		
Manual start	no	fold-over direction	RL		
Dynamic study	no	fat shift direction	P		
Arterial Spin labeling	no	Minimum number of packages	2		
<b>POST/PROC</b>		Slice scan order	default		
Preparation phases	auto	PlanAlign	no		
Manual Offset Freq.	no	REST slabs	0		
SmartPlan survey	no	Catheter tracking	no		
B0 field map/Dixon	no	Interactive positioning	no		
B1 field map	no	Allow table movement	no		
MIP/MPR	no	<b>OFFC/ANG</b>			
Images	M, no, no, no	Stacks	1		
Autoview image	M	Stack Offc. AP (P=+mm)	0		
Calculated images	no, no, no, no	RL (L=+mm)	0		
Reference tissue	Grey matter	FH (H=+mm)	0		
Preset window contrast	soft	Ang. AP (deg)	0		
Reconstruction mode	real time	RL (deg)	0		
Save raw data	no	FH (deg)	0		
Hardcopy protocol	no				
Ringing filtering	default				
Geometry correction	2D compensation				

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	01:22.7	Nucleus	H1	Scan type	Imaging
Rel. signal level (%)	100	Coil selection	SENSE-Head-8	Scan mode	3D
Act. TR/TE1/TE2 (ms)	20 / 2.3 / 4.6	element selection	Quadrature	technique	FFE
ACQ matrix M x P	96 x 80	connection	d	Contrast enhancement	T1
ACQ voxel MPS (mm)	2.71 / 2.71 / 3.00	Dual coil	no	Acquisition mode	cartesian
REC voxel MPS (mm)	1.02 / 1.02 / 3.00	Homogeneity correction	none	Fast Imaging mode	none
Scan percentage (%)	100	CLEAR	no	3D non-selective	no
Act. WFS (pix) / BW (Hz)	0.432 / 1004.3	FOV RL (mm)	260	Echoes	2
Min. WFS (pix) / Max. BW (Hz)	0.133 / 3268.9	AP (mm)	216.6667	partial echo	no
Min. TR/TE1/TE2 (ms)	6.1 / 1.65 / 3.3	FH (mm)	156	shifted echo	no
SAR / head	< 4 % / 0.1 W/kg	Voxel size RL (mm)	2.7	TE first	user defined
Whole body / level	0.0 W/kg / normal	AP (mm)	2.7	(ms)	2.3
B1 rms [uT]	0.4775927	FH (mm)	3	second	user defined
PNS / level	60 % / normal	Recon voxel size (mm)	1.02	(ms)	4.6
Sound Pressure Level (dB)	14.24293	RFOV (%)	83.33334	flyback	yes
<b>MOTION</b>		Fold-over suppression	no	Flip angle (deg)	10
Cardiac synchronization	no	Slice oversampling	default	TR	user defined
Respiratory compensation	no	Matrix scan	96	(ms)	20
Navigator respiratory comp	no	reconstruction	256	Halfscan	no
Flow compensation	yes	Scan percentage (%)	78.53982	Water-fat shift	user defined
fMRI echo stabilisation	no	SENSE	no	(pixels)	0.43
NSA	1	k-t BLAST	no	Shim	auto
<b>DYN/ANG</b>		Overcontiguous slices	no	Fat suppression	no
Angio / Contrast enh.	no	Stacks	1	Water suppression	no
Quantitative flow	no	slices	52	MTC	no
Manual start	no	slice thickness (mm)	3	Research prepulse	no
Dynamic study	no	slice orientation	transverse	Diffusion mode	no
Arterial Spin labeling	no	fold-over direction	AP	Elastography mode	no
<b>POST/PROC</b>		fat shift direction	L	SAR mode	high
Preparation phases	auto	Chunks	1	B1 mode	default
Manual Offset Freq.	no	PlanAlign	no	PNS mode	low
SmartPlan survey	no	REST slabs	0	Gradient mode	maximum
B0 field map/Dixon	no	Catheter tracking	no	SoftTone mode	no
B1 field map	no	Interactive positioning	no		
MIP/MPR	no	Allow table movement	no		
Images	R, I, no, no	<b>OFFC/ANG</b>			
Autoview image	M	Stacks	1		
Calculated images	no, no, no, no	Stack Offc. AP (P=+mm)	-9.332945		
Reference tissue	Grey matter	RL (L=+mm)	7.304602		
Preset window contrast	soft	FH (H=+mm)	15.67497		
Reconstruction mode	real time	Ang. AP (deg)	0		
Save raw data	no	RL (deg)	0		
Hardcopy protocol	no	FH (deg)	0		
Ringling filtering	rectangular				
Geometry correction	default				
Elliptical k-space shutter	default				